

TPC Benchmark™ C
Full Disclosure Report
for
IBM @server xSeries 370
using
Microsoft SQL Server 2000
and
Microsoft Windows 2000 Datacenter Server

Submitted for Review
March 23, 2001

Amended April 6, 2001



First Edition - March 2001

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Notes

¹ MHz only measures microprocessor internal clock speed, not application performance. Many factors affect application performance.

² In the context of the TPC-C benchmark reported in this document, 1GB equals 1024*1024MB. The reason for calculating GB in this way is to maintain compatibility with the method Windows' logical disk manager uses to report storage.



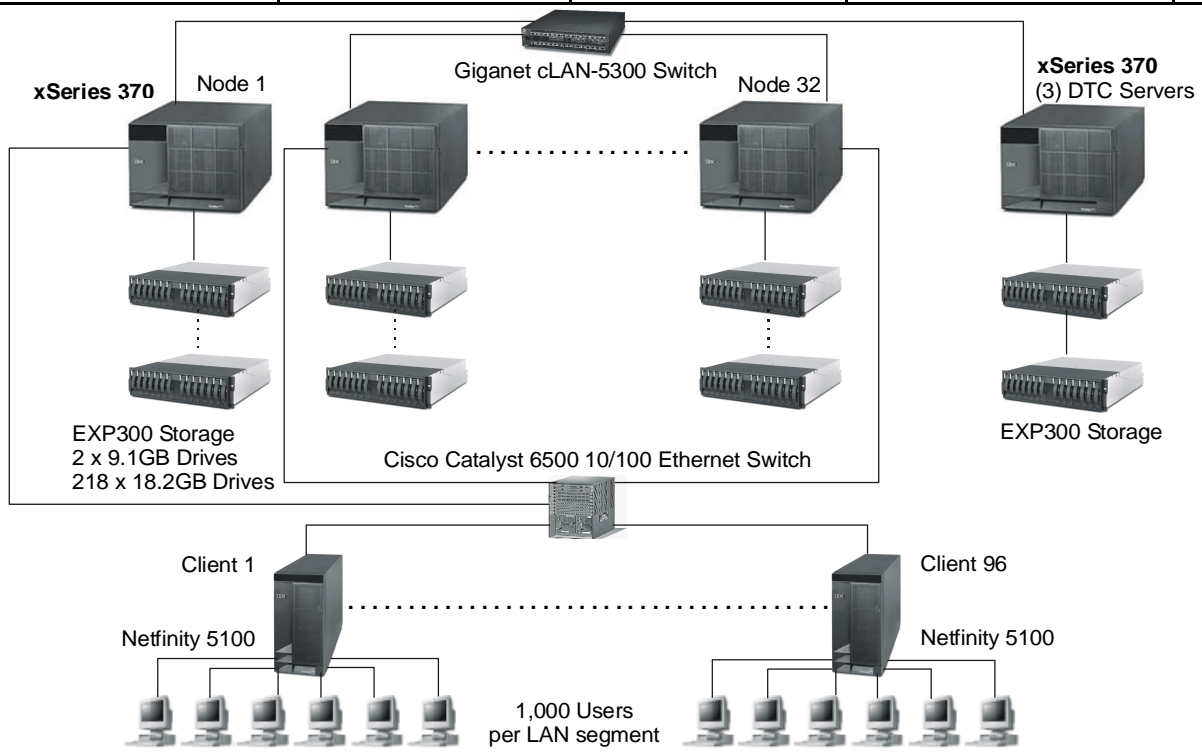
**IBM @server xSeries 370
with SQL Server 2000**

TPC-C Rev. 3.5

Report Date: Mar. 23, 2001
(Amended April 6, 2001)

Total System Cost	TPC-C Throughput	Price/Performance	Availability Date
\$19,884,668	688,220.90 tpmC	\$28.89/tpmC	May 31, 2001

Processor	Database Manager	Operating System	Other Software	# Users
Database Servers = 256 DTC Servers = 24 Intel^(R) Pentium^(R) III XeonTM 900MHz 2MB L2 Cache	Microsoft^(R) SQL Server 2000	Microsoft Windows^(R) 2000 Datacenter Server	Microsoft COM+ Microsoft Visual C++ 6.0	576,000



System Component	Qty	Each of 32 Database Servers:	Qty	Each of 96 Clients:
Processors	8	900MHz Pentium III Xeon	2	733MHz Pentium III
Cache		w/2MB L2 Cache		w/256KB L2 Cache
Memory	32	512MB ECC SDRAM	4	128MB
Disk Controllers	8	ServeRAID-4H Ultra160 SCSI Adapter	1	Ultra160 SCSI Onboard
Disk Drives	218	9.1GB (10000 rpm) 18.2GB (10000 rpm)	1	9.1GB Hard Disk
Total Storage		116TB (57.99TB online)	8	Each of 3 DTC Servers:
Other			4	900MHz/2MB Pentium III Xeon
Tape Drive	1	3502-R14 DLT Tape Library	1	128MB ECC SDRAM
Interconnect	1	Giganet cLAN-1000 Host Adapter	6	ServeRAID-4H Ultra160 SCSI Adapter
	2	Giganet cLAN-5300 Switch	1	9.1GB (10000 rpm) drive
				Giganet cLAN-1000 Host Adapter



**@server xSeries 370 c/s
with
Microsoft SQL Server 2000**

TPC-C Revision 3.5

**Report Date: March 23, 2001
(Amended April 6, 2001)**

Description	Order Number	Third-Party Brand	Third-Party Pricing	Unit Price	Qty	Ext. Price	5-Yr. Maint.*
Server Hardware							
xSeries 370 900MHz/2MB Pentium III Xeon*	8681-3RX	IBM	1	\$19,114	35	\$668,990	\$373,975
900MHz/2MB L2 Cache Processor Upgrade	19K4637	IBM	1	6,599	245	1,616,755	0
8500R Memory Expansion Card	28L4454	IBM	1	625	32	20,000	0
8500 >4X Accelerator Filter	10K2335	IBM	1	1,249	35	43,715	0
512MB ECC SDRAM RDIMM Memory Kit	20L0249	IBM	1	1,575	1,024	1,612,800	0
ServeRAID-4H Ultra160 SCSI Adapter	37L6889	IBM	1	2,439	259	631,701	0
Ultra2 SCSI 4m Cable	03K9311	IBM	1	105	739	77,595	0
10/100 Ethernet Server Adapter with IPsec	06P3601	IBM	1	99	32	3,168	0
E54 15" (13.8" Viewable) Color Monitor*	6331N2N	IBM	1	173	35	6,055	9,800
3502-R14 DLT Tape Autoloader*	3502R14	IBM	1	13,779	1	13,779	3,844
IBM Smart-UPS Model 5000RMB	37L6861	IBM	1	3,299	32	105,568	0
Netfinity Rack*	9306900	IBM	1	1,725	79	136,275	103,332
Side Panel Kit	94G6669	IBM	1	195	12	2,340	0
Hardware installation and prep fees		IBM	1			238,475	0
Giganet cLAN-1000 Host Adapter (incl. 10%)	cLAN-1000	Giganet	4	795	39	31,005	75,000
Giganet cLAN5300 30-Port Switch (incl. 10%)	cLAN5300	Giganet	4	15,995	4	63,980	incl. above
Giganet cLAN-A1011 10M Cable (incl. 10%)	cLAN-A1011	Giganet	4	135	39	5,265	incl. above
Storage Hardware							
Netfinity EXP300 Rack Storage Enclosure*	35311RU	IBM	1	3,179	706	2,244,374	554,916
9.1GB 10K Ultra160 SCSI Drive	37L7204	IBM	1	299	82	24,518	0
18.2GB 10K Ultra160 SCSI Drive	37L7205	IBM	1	467	6,976	3,257,792	0
Subtotal						\$10,804,150	\$1,120,867
Server Software							
Datacenter OS Preload Kit/Ship Group/Warr.	22P4745	IBM	1			\$2,760,000	0
Microsoft SQL Server 2000	11K7641	Microsoft	2	15,802	256	4,045,312	0
Microsoft Windows 2000 Advanced Server	C10-00475	Microsoft	2	2,399	3	7,197	0
5-Year Maintenance for Software		Microsoft	2	2,095	160		\$335,200
Subtotal						\$6,812,509	\$335,200
Client Hardware							
Netfinity 5100 / 733MHz/256KB Pentium III*	8658-2RY	IBM	1	2,052	96	\$196,992	\$566,880
733MHz/256KB Pentium III Upgrade	00N7943	IBM	1	399	96	38,304	0
128MB DIMMs	33L3123	IBM	1	185	288	53,280	0
9.1GB 10K Ultra160 SCSI Drive	37L7204	IBM	1	299	96	28,704	0
Intel Pro/100+ Dual-Port Ethernet Adapter**	8472	Intel	1	219	288	63,072	0
E54 15" (13.8" Viewable) Color Monitor*	6331N2N	IBM	1	173	96	16,608	26,880
Subtotal						\$396,960	\$593,760
Client Software							
Microsoft Windows 2000 Server with COM+	C11-00821	Microsoft	2	738	96	70,848	incl. above
Microsoft Visual C++ Professional 6.0	048-00317	Microsoft	2	549	1	549	incl. above
Subtotal						\$71,397	\$0
User Connectivity							
8-Port 10/100Mbps Hub** (10% spares***)	DEH2924	Generic	3	23	79,200	\$1,821,600	\$0
Cisco Catalyst 6500 48-Port 10/100 RJ-45	WSX6348RJ45	Cisco	5	55,399	1	55,399	52,500
Subtotal						\$1,876,999	\$52,500
Total						\$19,962,015	\$2,102,327
Discount						(2,179,674)	
Grand Total						\$17,782,341	\$2,102,327

Large volume discount; prices will vary if purchase individually.

Notes: * The standard 3-year warranty and the extended warranty on IBM hardware is for 7x24, 4-hour response. ** Five-year warranty. *** 10% or minimum 2 spares are added in place of on-site service (products have a 5-year return-to-vendor warranty)

Pricing: 1 - IBM; 2 - Microsoft; 3 - Software House International ; 4 - Giganet; 5 - Cisco

Audited by Brad Askins of InfoSizing, Inc.

Five-Year Cost of Ownership: \$19,884,668

tpmC Rating: 688,220.90

\$/ tpmC: \$28.89

Prices used in TPC benchmarks reflect the actual prices a customer would pay for a one-time purchase of the stated components. Individually negotiated discounts are not permitted. Special prices based on assumptions about past or future purchases are not permitted. All discounts reflect standard pricing policies for the listed components. For complete details, see the pricing sections of the TPC benchmark specification. If you find that stated prices are not available according to these terms, please inform the TPC at pricing@tpc.org. Thank you.

Numerical Quantities Summary			
MQTh, Computed Maximum Qualified Throughput: % throughput difference, reported and reproducibility runs:			688,220.90 tpmC 0.1108 %
Response Times (in seconds)	90%	Average	Maximum
New-Order	1.79	1.03	438.85
Payment	2.58	1.16	147.16
Delivery (Interactive)	1.01	0.44	68.32
Stock-Level	1.38	0.75	168.62
Order Status	1.12	0.54	31.68
Delivery (Deferred)	0.43	0.32	6.17
Menu	1.03	0.45	525.33
Transaction Mix (in percent of total transactions)		Total Occurrences	Percent
New-Order		13,764,418	44.84
Payment		13,219,779	43.06
Delivery		1,239,025	4.04
Stock Level		1,237,686	4.03
Order Status		1,239,034	4.04
Emulation Delay (in seconds)		Response Time	Menu
New-Order		0.1	0.1
Payment		0.1	0.1
Order-Status		0.1	0.1
Delivery		0.1	0.1
Stock-Level		0.1	0.1
Keying/Think Times (in seconds)	Minimum	Average	Maximum
New-Order	18.00 / 0.00	18.01 / 12.05	18.14 / 120.61
Payment	3.00 / 0.00	3.01 / 12.04	3.13 / 120.60
Delivery	2.00 / 0.00	2.01 / 5.05	2.13 / 50.50
Stock Level	2.00 / 0.00	2.01 / 5.05	2.14 / 50.50
Order Status	2.00 / 0.00	2.01 / 10.04	2.13 / 100.50
Test Duration			
Ramp-up time			29 minutes 25 seconds
Measurement interval			20 minutes
Number of transactions (all types) completed in measurement interval			31,801,244
Ramp-down time			4 minutes 15 seconds
Number of checkpoints in measurement interval			1
Checkpoint interval			20 minutes

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Preface

The TPC Benchmark™ C was developed by the Transaction Processing Performance Council (TPC). The TPC was founded to define transaction processing benchmarks and to disseminate objective, verifiable performance data to the industry. This full disclosure report is based on the TPC Benchmark C Standard Specification Version 3.5, released October 25, 1999.

The TPC describes this benchmark in Clause 0.1 of the specification as follows:

TPC Benchmark C is an On Line Transaction Processing (OLTP) workload. It is a mixture of read-only and update-intensive transactions that simulate the activities found in complex OLTP application environments. It does so by exercising a breadth of system components associated with environments, which are characterized by:

- The simultaneous execution of multiple transaction types that span a breadth of complexity
- On-line and deferred transaction execution modes
- Multiple on-line terminal sessions
- Moderate system and application execution time
- Significant disk input/output
- Transaction integrity (ACID properties)
- Non-uniform distribution of data access through primary and secondary keys
- Databases consisting of many tables with a wide variety of sizes, attributes and relationships
- Contention on data access and update

The performance metric reported by TPC-C is a “business throughput” measuring the number of orders processed per minute. Multiple transactions are used to simulate the business activity of processing an order, and each transaction is subject to a response time constraint. The performance metric for this benchmark is expressed in transactions-per-minute-C (tpmC). To be compliant with the TPC-C standard, all references to tpmC results must include the tpmC rate, the associated price-per-tpmC, and the availability date of the priced configuration.

Despite the fact that this benchmark offers a rich environment that emulates many OLTP applications, this benchmark does not reflect the entire range of OLTP requirements. In addition, the extent to which a customer can achieve the results reported by a vendor is highly dependent on how closely TPC-C approximates the customer application. The relative performance of systems derived from this benchmark does not necessarily hold for other workloads or environments. Extrapolations to any other environment are not recommended.

Benchmark results are highly dependent upon workload, specific application requirements, and systems design and implementation. Relative system performance will vary as a result of these and other factors. Therefore, TPC-C should not be used as a substitute for a specific customer application benchmarking when critical capacity planning and/or product evaluation decisions are contemplated.

General Items

Benchmark Sponsor

A statement identifying the benchmark sponsor(s) and other participating companies must be provided.

This benchmark was sponsored by International Business Machines Corporation.

Application Code and Definition Statements

The application program (as defined in Clause 2.1.7) must be disclosed. This includes, but is not limited to, the code implementing the five transactions and the terminal input and output functions.

Appendix A contains all source code implemented in this benchmark.

Parameter Settings

Settings must be provided for all customer-tunable parameters and options that have been changed from the defaults found in actual products, including but not limited to:

- *Database tuning options*
- *Recovery/commit options*
- *Consistency/locking options*
- *Operating system and application configuration parameters.*
- *Compilation and linkage options and run-time optimizations used to create/install applications, OS, and/or databases.*

This requirement can be satisfied by providing a full list of all parameters and options.

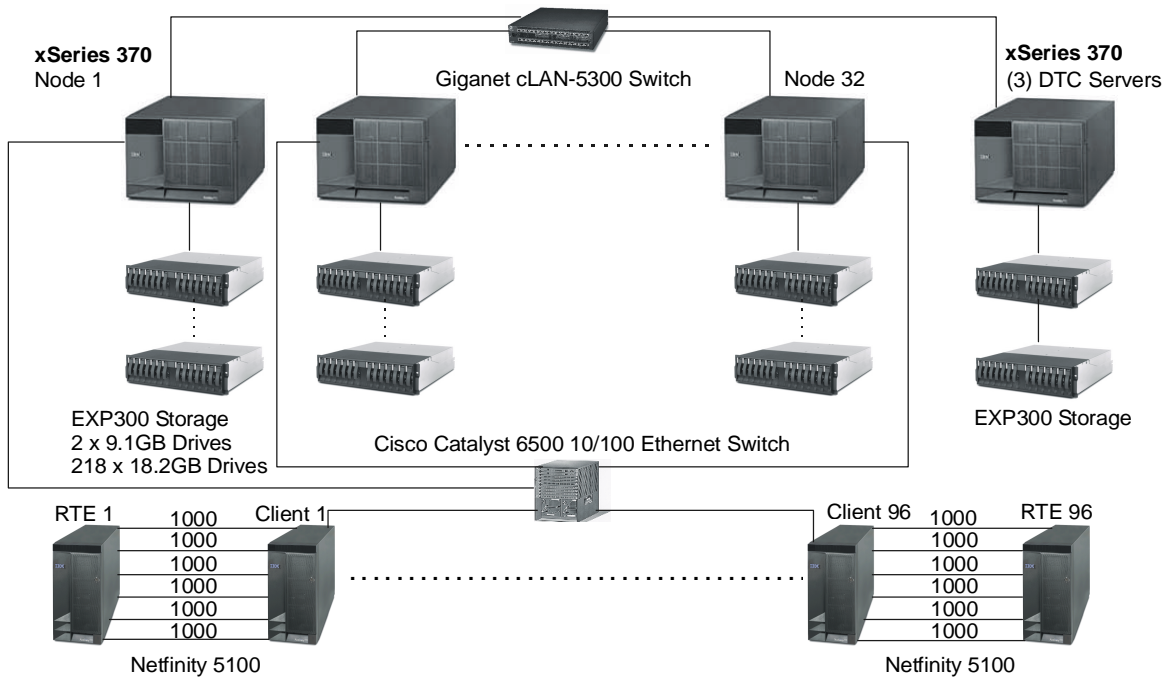
Appendix C contains the tunable parameters for the database, the operating system, and the transaction monitor.

Configuration Diagrams

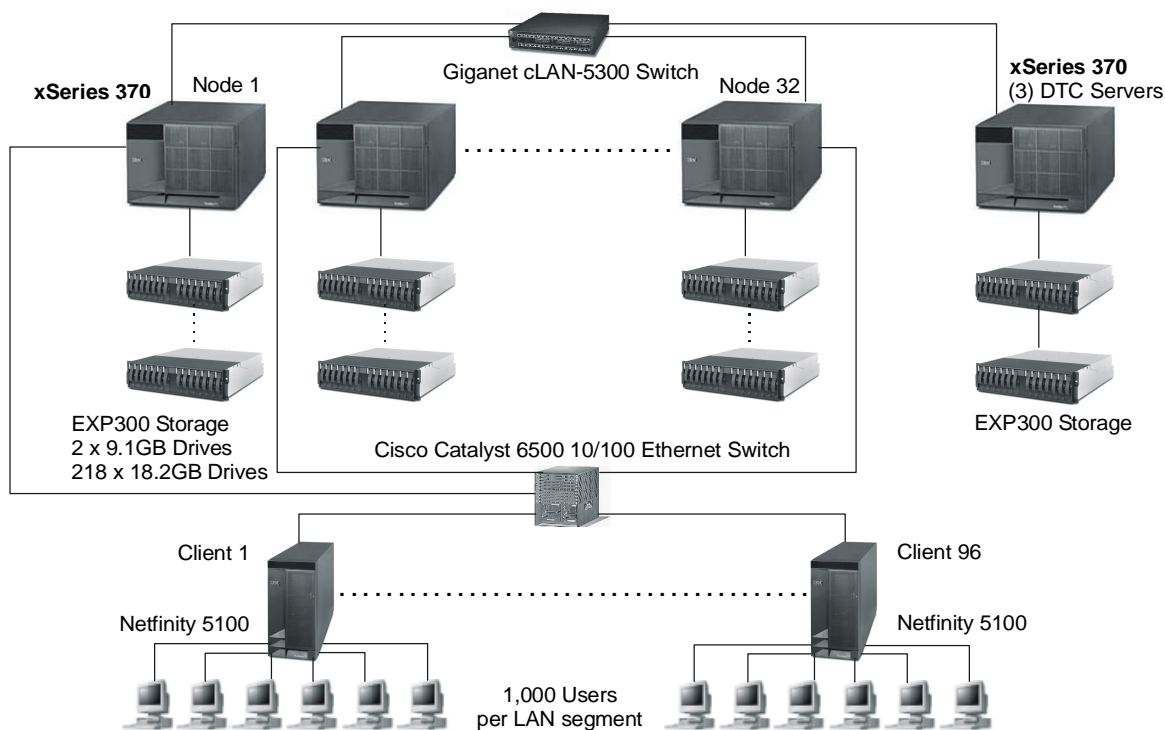
Diagrams of both measured and priced configurations must be provided, accompanied by a description of the differences.

The configuration diagrams for the measured and priced systems are provided on the following pages.

Measured Configuration



Priced Configuration



The priced and measured configurations were identical with two exceptions. For a full description of the hardware and software components used in the priced configuration, see the Executive Summary at the front of this report.

Disk Drive Substitution

Disk drive substitution was used for the 18.2GB 10K Wide Ultra SCSI drives. The measured configuration used 6,938 18.2GB 10K-3 Wide Ultra SCSI drives (P/N 36L9749) and 38 18.2GB 10K Ultra160 SCSI drives (P/N 37L7205). The 38 drives were configured on one of the 32 nodes as follows:

- Eight (8) drives were configured as a RAID-10 disk array for the database log.
- Thirty (30) drives were configured as two 15-disk RAID-1E arrays for database tables.

The priced configuration included 6,976 18.2GB 10K Ultra160 SCSI drives (P/N 37L7205). I/O performance data reviewed with the auditor showed that the performance of the priced drives was equivalent to the performance of the drives used in the measured configuration for both the database log and database tables.

Network Configuration

In the measured configuration, the six LAN segment connections between most of the RTE-client pairs used Ethernet cross-over cables. The link speed for each Ethernet adapter port was set at 10Mbps. On one RTE-client pair, the six LAN segment connections used Type 5 Ethernet cables and 10Mbps Ethernet hubs. The priced configuration included 10Mbps hubs. Benchmarkcraft was used to generate separate transaction reports for an RTE-client pair that used cross-over cables and an RTE-client pair that used Ethernet hubs. The response time data indicated no difference in performance between the use of hubs vs. cross-over cables. The data was submitted to the auditor. An additional IBM 10/100 Ethernet Server Adapter was installed on each node. This adapter provided connectivity to the IBM campus LAN and served no function during the benchmark. The additional adapter was not included in the priced configuration.

Clause 1: Logical Database Design Related Items

Table Definitions

Listings must be provided for all table definition statements and all other statements used to set up the database. (8.1.2.1)

Appendix B contains the code used to define and load the database tables.

Physical Organization of the Database

The physical organization of tables and indexes within the database must be disclosed. (8.1.2.2)

Physical space was allocated to SQL Server 2000 on the server disks as detailed in Figure 4-2.

Insert and Delete Operations

It must be ascertained that insert and/or delete operations to any of the tables can occur concurrently with the TPC-C transaction mix. Furthermore, any restriction in the SUT database implementation that precludes inserts beyond the limits defined in Clause 1.4.11 must be disclosed. This includes the maximum number of rows that can be inserted and the maximum key value for these new rows. (8.1.2.3)

All insert and delete functions were fully operational during the running of the benchmark. The space required for an additional 5 percent of the initial table cardinality was allocated to SQL Server 2000 and priced as static space.

The insert and delete functions were verified by the auditor. In addition, the auditor verified that the primary key for each database table could be updated.

Horizontal or Vertical Partitioning

While there are few restrictions placed upon horizontal or vertical partitioning of tables and rows in the TPC-C benchmark (see Clause 1.6), any such partitioning must be disclosed. (8.1.2.4)

The database tables, with one exception, were partitioned across the server nodes using range partitioning. The warehouse ID was used as the partition key. The specifics of the distribution of database partitions across the physical media can be found in Table 4-2. The exception is the ITEM table, which was replicated across all database server nodes.

Replication

Replication tables, if used, must be disclosed (see Clause 1.4.6). (8.1.2.5)

The ITEM table was replicated across all database server nodes. Database triggers were used to ensure that updates to the ITEM table on one node were made to the ITEM table on the other nodes. Their consistency has been verified by the auditor.

Table Attributes

Additional and/or duplicated attributes in any table must be disclosed, along with a statement on the impact on performance (see Clause 1.4.7). (8.1.2.6)

No additional attributes were used in this benchmark.

Clause 2: Transaction and Terminal Profiles Related Items

Random Number Generation

The method of verification for the random number generation must be disclosed.

The seeds for each user were captured and verified by the auditor to be unique. In addition, the contents of the database were systematically searched and randomly sampled by the auditor for patterns that would indicate that the random number generator had effected any kind of discernible pattern; none was found.

Screen Layout

The actual layouts of the terminal input/out screens must be disclosed.

All screen layouts followed the TPC Benchmark C Standard Specification exactly.

Terminal Verification

The method used to verify that the emulated terminals provide all the features described in Clause 2.2.2.4 must be explained. Although not specifically priced, the type and model of the terminals used must for the demonstration in 8.1.3.3 must be disclosed and commercially available (including supporting software and maintenance).

The auditor verified terminal features by direct experimentation. The benchmarked configuration uses Microsoft Internet Explorer 5.0 and HTML scripts as the terminal interface.

Intelligent Terminals

Any usage of presentation managers or intelligent terminals must be explained.

The terminals emulated in the priced configuration are IBM PC desktop computer systems. All processing of the input/output screens was handled by the Netfinity 5100 clients. The screen input/output was managed via HTML strings that comply with the HTML Version 2.0 specification. A listing of the code used to implement the intelligent terminals is provided in Appendix A. All data manipulation was handled by the xSeries 370 server.

Transaction Profiles

The percentage of home and remote order-lines in the New-Order transactions must be disclosed. (8.1.3.5)

The percentage of New-Order transactions that were rolled back as a result of an unused item number must be disclosed. (8.1.3.6)

The number of items per orders entered by New-Order transactions must be disclosed. (8.1.3.7)

The percentage of home and remote Payment transactions must be disclosed. (8.1.3.8)

The percentage of Payment and Order-Status transactions that used non-primary key (C_LAST) access to the database must be disclosed. (8.1.3.9)

The percentage of Delivery transactions that were skipped as a result of an insufficient number of rows in the NEW-ORDER table must be disclosed. (8.1.3.10)

The mix (i.e., percentages) of transaction types seen by the SUT must be disclosed. (8.1.3.11)

Table 2-1. Transaction Statistics

New Order	Value (%)
Home warehouse order lines	99.00
Remote warehouse order lines	1.00
Rolled back transactions	1.00
Average number of items per order	10.00
Payment	
Home warehouse payment transactions	85.02
Remote warehouse payment transactions	14.98
Non-Primary Key Access	
Payment transactions using C_LAST	60.01
Order-Status transactions using C_LAST	60.10
Delivery	
Delivery transactions skipped	0
Transaction Mix	
New-Order	44.84
Payment	43.06
Delivery	4.04
Stock Level	4.03
Order Status	4.04

Deferred Delivery Mechanism

The queuing mechanism used to defer execution of the Delivery transaction must be disclosed. (8.1.3.12)

The deferred delivery operation is queued by making an entry in an array within the application process (tpcc.dll) running on the client. Background threads within the application asynchronously process the queued delivery transactions.

The source code is listed in Appendix A.

Clause 3: Transaction and System Properties Related Items

The results of the ACID test must be disclosed, along with a description of how the ACID requirements were met. This includes disclosing which case was followed for the execution of Isolation Test 7. (8.1.4.1)

Atomicity Requirements

The system under test must guarantee that database transactions are atomic; the system will either perform all individual operations on the data, or will assure that no partially completed operations leave any effects on the data.

All ACID tests were conducted according to specification.

Completed Transactions

The following steps were performed twice to verify the Atomicity of completed transactions. One time a warehouse ID that was local to the node that the test was being run on was used. The second time a warehouse ID that was remote to the node that the test was being run on was used.

1. The balance was retrieved from the CUSTOMER table for a random Customer, District and Warehouse, giving BALANCE_1.
2. The Payment transaction was executed for the Customer, District and Warehouse used in step 1.
3. The balance was retrieved again for the Customer used in step 1 and step 2, giving BALANCE_2. It was verified that BALANCE_1 was greater than BALANCE_2 by AMT.

Aborted Transactions

The following steps were performed twice to verify the Atomicity of the aborted Payment transaction. One time a warehouse ID that was local to the node that the test was being run on was used. The second time a warehouse ID that was remote to the node that the test was being run on was used.

1. The Payment application code was changed to execute a rollback of the transaction instead of performing the commit.
2. Using the balance, BALANCE_2, from the CUSTOMER table retrieved for the completed transaction, the Payment transaction was executed for the Customer, District and Warehouse used in step 1 of section 3.1.1. The transaction rolled back due to the change in the application code from step 1.
3. The balance was retrieved again for the Customer used for step 2, giving BALANCE_3. It was verified that BALANCE_2 was equal to BALANCE_3.

Consistency Requirements

Consistency is the property of the application that requires any execution of a database transaction to take the database from one consistent state to another, assuming that the database is initially in a consistent state.

Consistency conditions one through four were tested using a shell script to issue queries to the database. The results of the queries demonstrated that the database was consistent for all four tests.

Isolation Requirements

Sufficient conditions must be enabled at either the system or the application level to ensure that the required isolation defined in Clause 3.4.1 is obtained.

Isolation tests one through seven were run using shell scripts to issue queries to the database. The shell scripts were run twice, once on a node that had the warehouse being used locally and then again on a node that did not have the warehouse being used locally. Each script included timestamps to demonstrate the concurrency of operations. The results of the queries were captured and placed in files. The auditor reviewed the results and verified that the isolation requirements had been met.

In addition, the phantom tests and the stock-level tests were run and verified.

Case A was followed for Isolation test seven.

Durability Requirements

The tested system must guarantee durability: the ability to preserve the effects of committed transactions and ensure database consistency after recovery from any one of the failures listed in Clause 3.5.3.

- *Permanent irrecoverable failure of any single durable medium containing TPC-C database tables or recovery log data*
- *Instantaneous interruption (system crash/system hang) in processing that requires system reboot to recover*
- *Failure of all or part of memory (loss of contents)*

Recovery from all three of these failures was demonstrated as described in the following sections.

Failure of Memory and Instantaneous Interruption

The two tests were combined into a single test. The test was performed as follows:

1. The four Consistency conditions were tested.
2. The current count of the total number of orders, SUM1, was determined by obtaining the sum of the D_NEXT_O_ID column for all rows in the District table.
3. A measurement was started under full load with all users submitting transactions. When all users were submitting transactions, a checkpoint was executed.
4. The checkpoint lasted 9 minutes. During that time, the measurement throughput reached a minimum of 90 percent of the reported throughput and maintained that level for at least 5 minutes.
5. After the checkpoint had completed, a single server node was powered off. Benchcraft was paused, then stopped.
6. The single server node was then powered on.
7. When the single server node was fully booted, SQL Server was started to initiate automatic recovery from the log.
8. After the database recovery completed, all the nodes were checkpointed. When the checkpoint was complete, the four Consistency tests were successfully executed. The current count of the total number of orders, SUM2, was obtained.
9. The following relationship was verified:
SUM2 >= (SUM1 + New Order completed - New Orders rolled back)

Loss of Log Disk, Data Disk, and Interconnect

These three tests were combined for loss of single durable medium failures and loss of interconnect. The following steps were performed:

1. The four Consistency conditions were tested.
2. The current count of the total number of orders, SUM1, was determined by obtaining the sum of the D_NEXT_O_ID column for all rows in the District table.

3. A measurement was started under full load with all users submitting transactions. When all users were submitting transactions, a checkpoint was executed.
4. The checkpoint lasted 9 minutes. During that time the measurement throughput reached a minimum of 90 percent of the reported throughput and maintained that level until the run was paused.
5. After the checkpoint had completed, one disk from the database log configuration array on one node was removed.
6. Since the disk was part of a RAID-10 array, SQL Server continued to process transactions without interruption.
7. A disk containing a portion of each of the tables in the database was removed from one node.
8. Since the disk was RAID-1E protected, SQL Server continued to process transactions without interruption.
9. Power was removed from the interconnect switch and Benchcraft was paused and then stopped.
10. The database logged MSDTC errors because it was unable to complete remote transactions or communicate with the DTC Servers.
11. The power cords were reconnected to the Gigaset switches. There was a burst of I/O on the database drives as the fabric came back up.
12. The database was checkpointed. The database was stopped on all nodes.
13. The nodes were booted and the database was started again. All nodes automatically initiated database recovery. Recovery took a few seconds with 0 to 3 transactions rolled back.
14. After the run was completed, the log and data disks removed in steps 5 and 7 were replaced and the ServeRAID controller rebuilt each drive.
15. The four Consistency conditions were again tested successfully.
16. Step 1 was repeated to obtain the current count of the total number of orders, SUM2.
17. The following relationship was verified:

$$\text{SUM2} \geq (\text{SUM1} + \text{New Order completed} - \text{New Orders rolled back})$$

Loss of DTC Server

1. The four Consistency conditions were tested.
2. The current count of the total number of orders, SUM1, was determined by obtaining the sum of the D_NEXT_O_ID column for all rows in the District table.
3. A measurement was started under full load with all users submitting transactions. When all users were submitting transactions a checkpoint was executed.
4. The checkpoint lasted 9 minutes. During that time the measurement throughput reached a minimum of 90 percent of the reported throughput and maintained that level until the run was paused.
5. After the checkpoint had completed, one of the DTC Servers was powered off. Benchcraft was paused, and then stopped.
6. The DTC Server was powered on. When the DTC Server, booted the DTC service was started automatically. When the DTC service started, there was a burst of database I/O.
7. The database was checkpointed.
8. After the checkpoint completed, the four Consistency tests were successfully executed. The current count of the total number of orders, SUM2, was obtained.
9. The following relationship was verified:

$$\text{SUM2} \geq (\text{SUM1} + \text{New Order completed} - \text{New Orders rolled back})$$

Clause 4: Scaling and Database Population Related Items

Cardinality of Tables

The cardinality (e.g., the number of rows) of each table, as it existed at the start of the benchmark run (see Clause 4.2), must be disclosed. If the database was over-scaled and inactive rows of the WAREHOUSE table were deleted (see Clause 4.2.2), the cardinality of the WAREHOUSE table as initially configured and the number of rows deleted must be disclosed. (8.1.5.1)

The database was built with 57,600 warehouses, and the audited run used 57,600 warehouses.

Table 4-1. Initial Cardinality of Tables

Table Name	Rows
Warehouse	57,600
District	576,000
Customer	1,728,000,000
History	1,728,000,000
Orders	1,728,000,000
New Order	518,400,000
Order Line	17,279,759,341
Stock	5,760,000,000
Item	100,000
Inactive Warehouses	0

Distribution of Tables and Logs

The distribution of tables and logs across all media must be explicitly depicted for the tested and priced systems. (8.1.5.2)

The following series of table depicts the database configuration of the tested system to meet the 8-hour steady state requirement. The configuration was the same on all 32 nodes. The big_files file group contains the t_customer and t_stock tables. The misc_file group contains the other TPC-C tables.

Table 4-2. Distribution of Tables and Logs

Controller	Disk	Drives	Partition	Size	Use
1	Disk 0	2 - 9.1GB RAID-1 8 - 18.2GB RAID-10	C: NTFS	8.47GB	OS DB Log Unallocated
	Disk 1		E: RAW	66.41GB 1.39GB	
2	Disk 2	15 - 18.2GB RAID-1E	1 RAW	8.55GB	C:\devjp\big_files_1 C:\devjp\misc_files_1 backup1 Free
			2 RAW	4.05GB	
			F: NTFS	90.05GB 27.42GB	
	Disk 3	15 - 18.2GB RAID-1E	1 RAW	8.55GB	C:\devjp\big_files_2 C:\devjp\misc_files_2 Free
			2 RAW	4.05GB 117.47GB	
3	Disk 4	15 - 18.2GB RAID-1E	1 RAW	8.55GB	C:\devjp\big_files_3 C:\devjp\misc_files_3 backup2 Free
			2 RAW	4.05GB	
			G: NTFS	90.05GB 27.42GB	
	Disk 5	15 - 18.2GB RAID-1E	1 RAW	8.55GB	C:\devjp\big_files_4 C:\devjp\misc_files_4 Free
			2 RAW	4.05GB 117.47GB	
4	Disk 6	15 - 18.2GB RAID-1E	1 RAW	8.55GB	C:\devjp\big_files_5 C:\devjp\misc_files_5 backup3 Free
			2 RAW	4.05GB	
			H: NTFS	90.05GB 27.42GB	
	Disk 7	15 - 18.2GB RAID-1E	1 RAW	8.55GB	C:\devjp\big_files_6 C:\devjp\misc_files_6 Free
			2 RAW	4.05GB 117.47GB	
5	Disk 8	15 - 18.2GB RAID-1E	1 RAW	8.55GB	C:\devjp\big_files_7 C:\devjp\misc_files_7 backup4 Free
			2 RAW	4.05GB	
			K: NTFS	90.05GB 27.42GB	
	Disk 9	15 - 18.2GB RAID-1E	1 RAW	8.55GB	C:\devjp\big_files_8 C:\devjp\misc_files_8 Free
			2 RAW	4.05GB 117.47GB	
6	Disk 10	15 - 18.2GB RAID-1E	1 RAW	8.55GB	C:\devjp\big_files_9 C:\devjp\misc_files_9 Root .MDF file Free
			2 RAW	4.05GB	
			J: NTFS	90.05GB 27.42GB	
	Disk 11	15 - 18.2GB RAID-1E	1 RAW	8.55GB	C:\devjp\big_files_10 C:\devjp\misc_files_10 Free
			2 RAW	4.05GB 117.47GB	

Controller	Disk	Drives	Partition	Size	Use
7	Disk 12	15 - 18.2GB RAID-1E	1 RAW 2 RAW	8.55GB 4.05GB 117.47GB	C:\devjp\big_files_11 C:\devjp\misc_files_11 Free
	Disk 13	15 - 18.2GB RAID-1E	1 RAW 2 RAW	8.55GB 4.05GB 117.47GB	C:\devjp\big_files_12 C:\devjp\misc_files_12 Free
8	Disk 14	15 - 18.2GB RAID-1E	1 RAW 2 RAW	8.55GB 4.05GB 117.47GB	C:\devjp\big_files_13 C:\devjp\misc_files_13 Free
	Disk 15	15 - 18.2GB RAID-1E	1 RAW 2 RAW	8.55GB 4.05GB 117.47GB	C:\devjp\big_files_14 C:\devjp\misc_files_14 Free

The ServeRAID-4H controller offers a standard 32MB battery-backed cache. The write policy for the operating system logical drive and the database log logical drive was set to write-through. All database logical drives used a write-back policy.

Database Model Implemented

A statement must be provided that describes:

1. *The database model implemented by the DBMS used (e.g., relational, network, hierarchical)*
2. *The database interface (e.g., embedded, call level) and access language (e.g., SQL, DL/I, COBOL, read/write) used to implement the TPC-C transactions. If more than one interface/access language is used to implement TPC-C, each interface/access language must be described and a list of which interface/access language is used with which transaction type must be disclosed.*

SQL Server 2000 is a relational database. The interface used was Microsoft SQL Server stored procedures accessed with Remote Procedure Calls embedded in C code using the Microsoft ODBC interface.

Partitions/Replications Mapping

The mapping of database partitions/replications must be explicitly described.

The database tables, with one exception, were partitioned across the server nodes using range partitioning. The warehouse ID was used as the partition key. The specifics of the distribution of database partitions across the physical media can be found in Table 4-2. The exception is the ITEM table, which was replicated across all nodes.

180-Day Space Requirement

Details of the 180-day space computations, along with proof that the database is configured to sustain 8 hours of growth for the dynamic tables (Order, Order-Line, and History) must be disclosed (see Clause 4.2.3). (8.1.5.5)

See Appendix D for details about how the 180-day space requirements were calculated.

Clause 5: Performance Metrics and Response Time Related Items

Measured tpmC

Measured tpmC must be reported. (8.1.6.1)

Measured tpmC: 688,220.90 tpmC

Price per tpmC: \$28.89 per tpmC

Response Times

Ninetieth percentile, maximum and average response times must be reported for all transaction types as well as for the Menu response time. (8.1.6.2)

The TPC-C requirements for the average response time and the 90th percentile were met. Table 5-1 provides the response times for each of the transaction types and the menu for the measured system.

Table 5-1. Response Times in Seconds

Transaction Type	Average	Maximum	90th %
New-Order	1.03	438.85	1.79
Payment	1.16	147.16	2.58
Delivery (interactive)	0.44	68.32	1.01
Stock Level	0.75	168.62	1.38
Order Status	0.54	31.68	1.12
Delivery (deferred)	0.32	6.17	0.43
Menu	0.45	525.33	1.03

Keying/Think Times

The minimum, the average, and the maximum keying and think times must be reported for each transaction type. (8.1.6.3)

Table 5-2 lists the keying/think times for the measured system.

Table 5-2. Keying/Think Times

Transaction Type	Minimum	Average	Maximum
New-Order	18.00 / 0.00	18.01 / 12.05	18.14 / 120.61
Payment	3.00 / 0.00	3.01 / 12.04	3.13 / 120.60
Delivery	2.00 / 0.00	2.01 / 5.05	2.13 / 50.50
Stock Level	2.00 / 0.00	2.01 / 5.05	2.14 / 50.50
Order Status	2.00 / 0.00	2.01 / 10.04	2.13 / 100.50

Response Time Frequency Distribution Curves

Response time frequency distribution curves (see Clause 5.6.1) must be reported for each transaction type. (8.1.6.4)

Figure 5-1. New-Order Transaction - Response Time Frequency Distribution

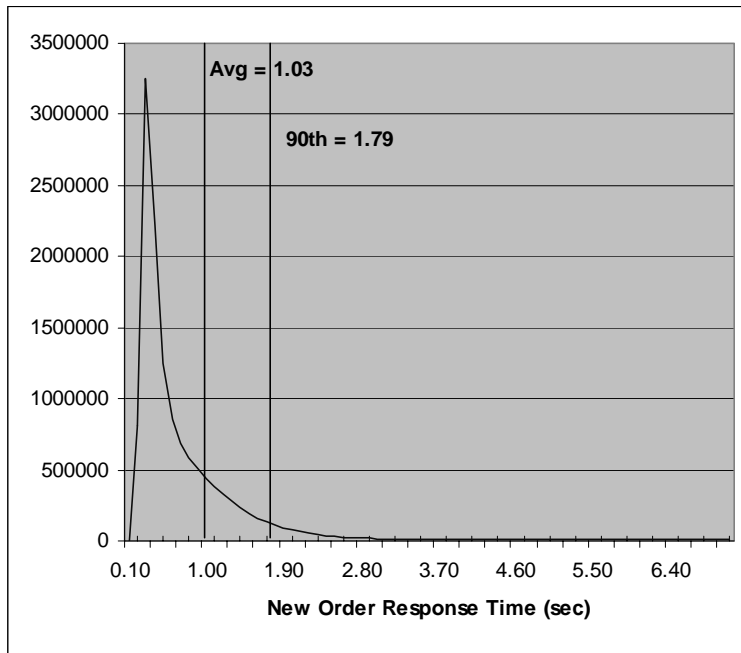


Figure 5-2. Payment Transaction - Response Time Frequency Distribution

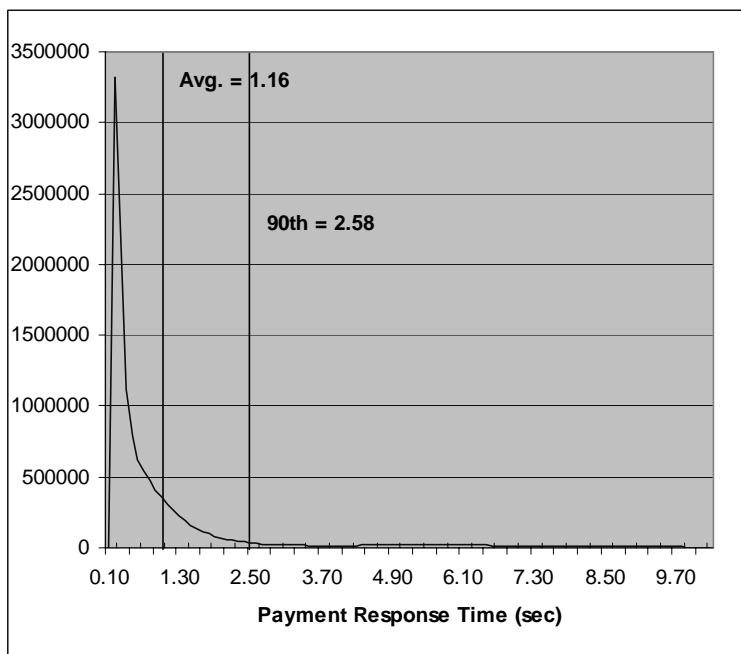


Figure 5-3. Order-Status Transaction - Response Time Frequency Distribution

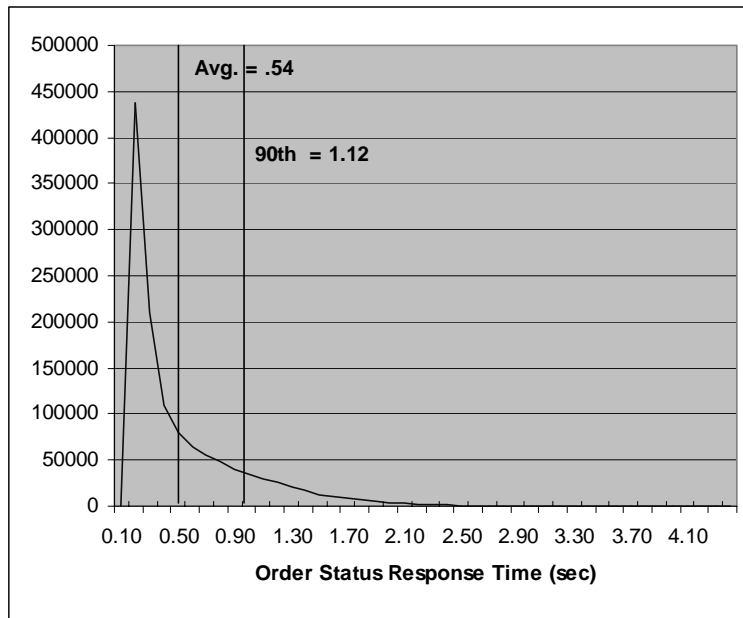


Figure 5-4. Delivery Transaction - Response Time Frequency Distribution

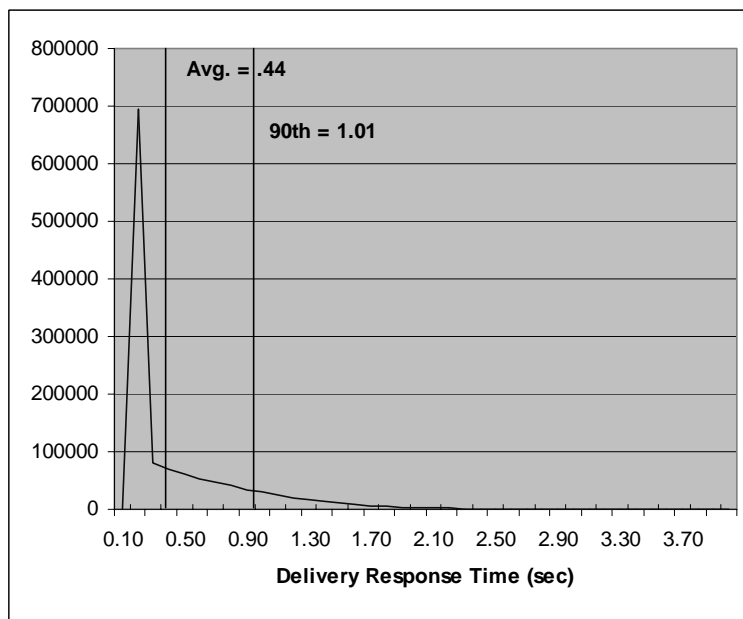
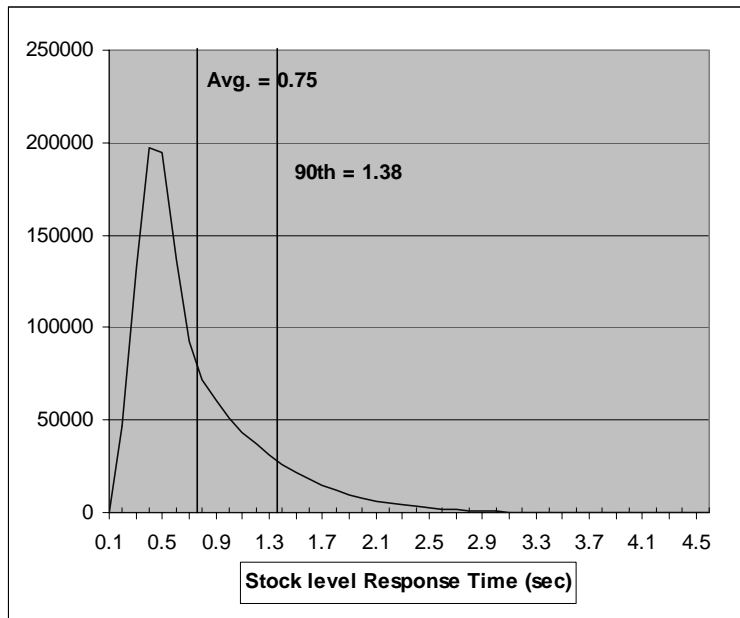


Figure 5-5. Stock-Level Transaction - Response Time Frequency Distribution



Performance Curve for Response Time vs. Throughput

The performance curve for response time vs. throughput (see Clause 5.6.2) must be reported for the New-Order transaction. (8.1.6.5)

Figure 5-6. New-Order Response Time vs. Throughput

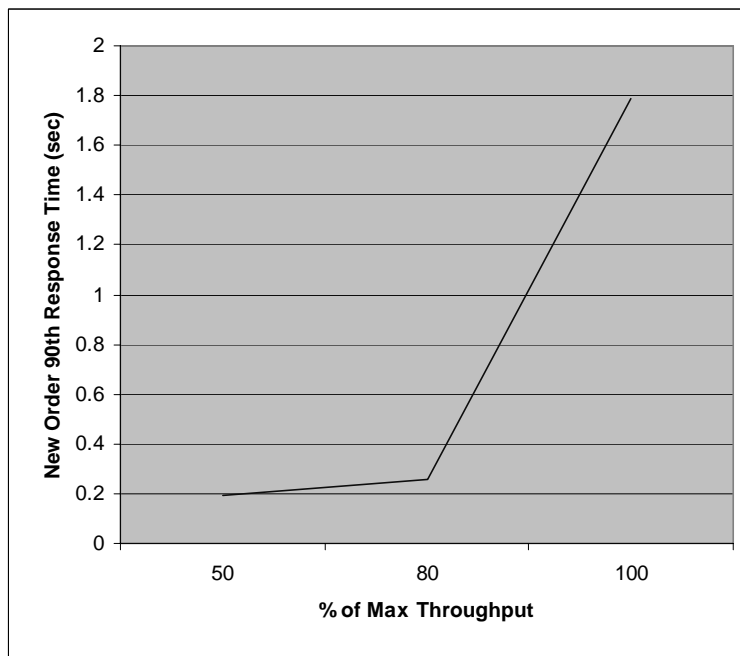


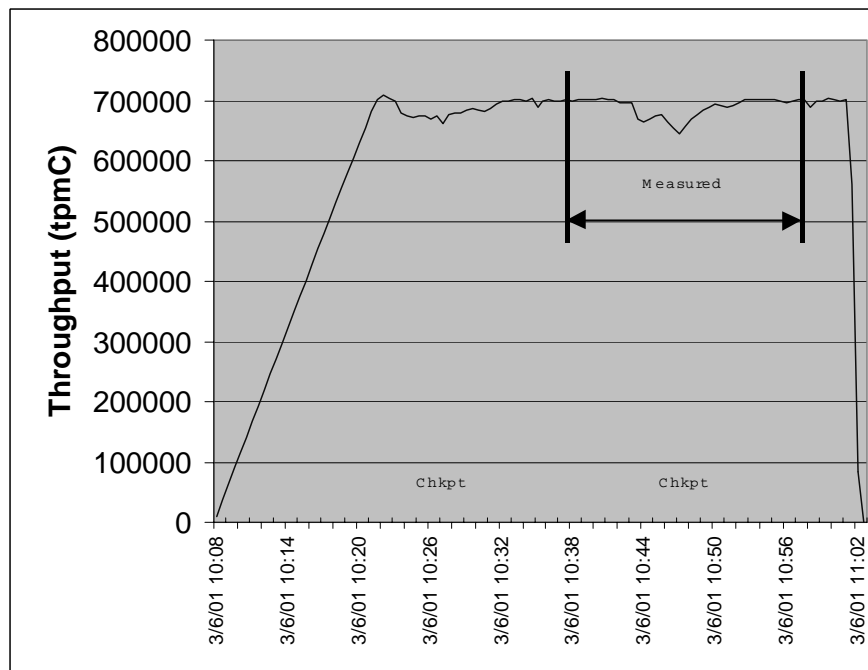
Figure 5-7. New-Order Think Time Distribution



Throughput vs. Elapsed Time

A graph of throughput vs. elapsed time (see Clause 5.6.5) must be reported for the New-Order transaction.

Figure 5-8. New-Order Throughput vs. Elapsed Time



Steady State Methodology

The method used to determine that the SUT had reached a steady state prior to commencing the measurement interval (see Clause 5.5) must be described. (8.1.6.9)

Figure 5-8 shows that the system was in steady state at the beginning of the measurement interval.

Work Performed during Steady State

A description of how the work normally performed during a sustained test (e.g., checkpointing, writing redo/undo log records) actually occurred during the measurement interval must be reported. (8.1.6.10)

Transaction Flow

The RTE generated the required input data to choose a transaction from the menu. This data was time-stamped. The response for the requested transaction was verified and time-stamped in the RTE log files.

The RTE generated the required input data for the chosen transaction. It waited to complete the minimum required key time before transmitting the input screen. The transmission was time-stamped. The return of the screen with the required response data was time-stamped. The difference between these two time-stamps was the response time for that transaction and was logged in the RTE log.

The RTE then waited the required think time interval before repeating the process starting at selecting another transaction from the menu.

The RTE transmissions were sent to application processes running on the client machines through Ethernet LANs. These client application processes handled all screen I/O as well as all requests to the database on the server. The applications communicated with the database server over another Ethernet LAN using SQL ODBC library and SQL Server remote stored procedure calls.

Checkpoints

Checkpoints were executed on the server during the ramp-up phase and at 20-minute intervals. Each measured run contained one checkpoint. SQL Server was started with trace flag 3502, which causes it to log the occurrence of the checkpoint. This information was used to verify that the checkpoints occurred at the appropriate times during the test run.

During a checkpoint, SQL Server flushes all dirty pages from its cache to disk. It places a record in the database transaction log indicating that the checkpoint has completed and that all transactions, which were committed prior to the checkpoint have been written to disk.

Reproducibility Methodology

A description of the method used to determine the reproducibility of the measurement results must be reported. (8.1.6.11)

A repeatability measurement was taken on the xSeries 370 server for the same length of time as the measured run. The repeatability measurement was 687,458.65 tpmC.

Measurement Interval

A statement of the duration of the measurement interval for the reported Maximum Qualified Throughput (tpmC) must be included. (8.1.6.12)

The measurement interval was 20 minutes.

Transaction Mix

The method of regulation of the transaction mix (e.g., card decks or weighted random distribution) must be described. If weighted distribution is used and the RTE adjusts the weights associated with each transaction type, the maximum adjustments to the weight from the initial value must be disclosed. (8.1.6.13)

See Table 5-3.

The RTE was given a weighted random distribution, which was not adjusted during the run.

Percentage of Total Mix

The percentage of the total mix for each transaction type must be disclosed.

See Table 5-3.

Table 5-3. Transaction Statistics and Transaction Mix

New Order	Value (%)
Home warehouse order lines	99.00
Remote warehouse order lines	1.00
Rolled back transactions	1.00
Average number of items per order	10.00
Payment	
Home warehouse payment transactions	85.02
Remote warehouse payment transactions	14.98
Non-Primary Key Access	
Payment transactions using C_LAST	60.01
Order-Status transactions using C_LAST	60.10
Delivery	
Delivery transactions skipped	0
Transaction Mix	
New-Order	44.84
Payment	43.06
Delivery	4.04
Stock Level	4.03
Order Status	4.04

Clause 6: SUT, Driver and Communication Definition Related Items

Description of RTE

The RTE input parameters, code fragments, functions, etc., used to generate each transaction input field must be disclosed. (8.1.7.1)

The RTE used was Microsoft BenchCraft V2.0 RTE. Benchcraft is a proprietary tool provided by Microsoft and is not commercially available. The RTE input is listed in Appendix C.

Emulated Components

It must be demonstrated that the functionality and performance of the components being emulated in the Driver System are equivalent to that of the priced system. The results of the test described in Clause 6.6.3.4 must be disclosed. (8.1.7.2)

No components were emulated.

Benchmarked and Targeted System Configuration Diagrams

A complete functional diagram of both the benchmarked configuration and the configuration of the proposed (target) system must be disclosed. A detailed list of all software and hardware functionality being performed on the Driver System, and its interface to the SUT must be disclosed (see Clause 6.6.3.6).

The driver RTE generated the transaction input data and transmitted it to the client in HTML format. The driver RTE received the output from the System under Test, time-stamped it, and forwarded it to the Master RTE for post-test processing. No other functionality was included on the driver RTE.

Detailed diagrams of the benchmarked and priced configurations are provided in the section called “General Items” at the beginning of this document.

Network Configuration

The network configurations of both the tested services and the proposed (target) services which are being represented and a thorough explanation of exactly which parts of the proposed configuration are being replaced with the Driver System must be disclosed (see Clause 6.6.4). (8.1.7.4)

The client-to-server LAN connections used 100Mbps switched Ethernet for both the measured and priced configurations. The server-to-server connections used a pair of Gigaset cLAN-5300 switches for both the measured and priced configurations. The server-to-server protocol was VIA.

In the measured configuration, the six LAN segment connections between most of the RTE-client pairs used Ethernet cross-over cables. The link speed for each Ethernet adapter port was set at 10Mbps. On one RTE-client pair, the six LAN segment connections used Type 5 Ethernet cables and 10Mbps Ethernet hubs. The priced configuration included 10Mbps hubs. Benchcraft was used to generate separate transaction reports for an RTE-client pair that used cross-over cables and an RTE-client pair that used Ethernet hubs. The response time data indicated no difference in performance between the use of hubs vs. cross-over cables. The data was submitted to and reviewed by the auditor.

Network Bandwidth

The bandwidth of the network(s) used in the tested/priced configuration must be disclosed. (8.1.7.5)

The Ethernet used in the LAN complies with the IEEE.802.3 standard. The LANs that connected the driver RTEs to the clients had a bandwidth of 10Mbps. The LAN that connected the clients to the server had a bandwidth of 100Mbps.

Operator Intervention

If the configuration requires operator intervention (see Clause 6.6.6), the mechanism and the frequency of this intervention must be disclosed. (8.1.7.6)

The configuration did not require any operator intervention to sustain the reported throughput during the eight-hour period.

Clause 7: Pricing Related Items

Hardware and Software Components

A detailed list of the hardware and software used in the priced system must be reported. Each separately orderable item must have a vendor part number, description and release/revision level, and either general availability status or committed delivery date. If package-pricing is used, vendor part number of the package and a description uniquely identifying each of the components of the package must be disclosed.

Pricing source(s) and effective date(s) must also be reported. (8.1.8.1)

The total 5-year price of the entire configuration must be reported, including: hardware, software, and maintenance charges. Separate component pricing is recommended. The basis of all discounts used must be disclosed. (8.1.8.2)

A detailed list of all hardware and software, including the 5-year price, is provided in the Executive Summary at the front of this report. All third-party quotations are included in Appendix E at the end of this document.

Availability Date

The committed delivery date for general availability (availability date) of products used in the price calculations must be reported. When the priced system includes products with different availability dates, the reported availability for the priced system must be the date at which all components are committed to be available. (8.1.8.3)

The 900MHz model of the xSeries 370 server, along with the 900MHz processor option, will be generally available April 13, 2001. All other hardware is generally available now. Datacenter Server will be generally available May 31, 2001. All other software used in this benchmark is generally available now.

Measured tpmC

A statement of the measured tpmC, as well as the respective calculations for the 5-year pricing, price/performance (price/tpmC) and the availability date must be included. (8.1.8.4)

- Maximum Qualified Throughput: 688,220.90 tpmC
- Price per tpmC: \$28.89 per tpmC
- Five-year cost of ownership: \$19,884,668

Country-Specific Pricing

Additional Clause 7 related items may be included in the Full Disclosure Report for each country-specific priced configuration. Country-specific pricing is subject to Clause 7.1.7.

The configuration is priced for the United States of America.

Usage Pricing

For any usage pricing, the sponsor must disclose:

- Usage level at which the component was priced.
- A statement of the company policy allowing such pricing. (8.1.8.6)

The component pricing based on usage is shown below:

- 32 copies of Microsoft Windows 2000 Datacenter Server
- 3 copies of Microsoft Windows 2000 Advanced Server
- 96 copies of Microsoft Windows 2000 Server

- 5-year support for all hardware components (spares were priced for hardware components for which 4-hour response time is not offered)

System Pricing

System pricing should include subtotals for the following components: Server Hardware, Server Software, Client Hardware, Client Software, and Network Components used for terminal connection (see Clause 7.2.2.3). (8.1.8.7)
System pricing must include line item indication where non-sponsoring companies' brands are used. System pricing must also include line item indication of third-party pricing. (8.1.8.8)

A detailed list of all hardware and software, including the 5-year price, is provided in the Executive Summary at the front of this report. All third-party quotations are included in Appendix E at the end of this document.

Clause 9: Audit Related Items

Auditor

The auditor's name, address, phone number, and a copy of the auditor's attestation letter indicating compliance must be included in the Full Disclosure Report. (8.1.9.1)

This implementation of the TPC-C benchmark was audited by Brad Askins of InfoSizing, Inc. The auditor's attestation letter is provided in this section.

Availability of the Full Disclosure Report

The Full Disclosure Report must be readily available to the public at a reasonable charge, similar to the charges for similar documents by the test sponsor. The report must be made available when results are made public. In order to use the phrase "TPC BenchmarkTMC," the Full Disclosure Report must have been submitted to the TPC Administrator as well as written permission obtained to distribute same. (8.2)

This implementation of the TPC Benchmark C was audited by Brad Askins of InfoSizing, Inc. Further information may be obtained from:

InfoSizing, Inc.
1373 North Franklin Street
Colorado Springs, CO 80903
Phone: 719-473-7555
Fax: 719-473-7554

Benchmark Sponsor: William D. Hall
 Mgr., Server Systems Performance
 IBM Server Group
 3039 Cornwallis Road
 Research Triangle Park, NC27709

March 16, 2001

I verified the TPC Benchmark™ C performance of the following Client/Server configuration:

Platform: **IBM @server xSeries 370**
 Operating system: **Microsoft Windows 2000 Datacenter Server**
 Database Manager: **Microsoft SQL Server 2000 Enterprise Edition**
 Transaction Manager: **Microsoft COM+**

The results were:

CPU's Speed	Memory	Disks(total)	NewOrder 90% Response Time	tpmC
32 Servers: IBM @server xSeries 370 each with:				
8 x Pentium III Xeon (900 MHz)	16 GB Main (2MB L2 Cache per processor)	218 x 18.2 GB 2 x 9.1 GB	1.79 Seconds	688220.90
Ninety-six (96) Clients: IBM Netfinity 5100 each with:				
2 x Pentium III (733 MHz)	512 MB Main (256KB L2 Cache per processor)	1 x 9.1 GB	n/a	
3 DTC Servers: IBM @server xSeries 370 each with:				
8 x Pentium III Xeon (900 MHz)	512 MB Main (2MB L2 Cache per processor)	6 x 9.1 GB	n/a	

In my opinion, these performance results were produced in compliance with the TPC's requirements for the benchmark. The following verification items were given special attention:

- The database records were the proper size
- The database was properly scaled and populated
- The required ACID properties were met
- The transactions were correctly implemented
- Input data was generated according to the specified percentages
- The transaction cycle times included the required keying and think times
- The reported response times were correctly measured.
- All 90% response times were under the specified maximums
- At least 90% of all delivery transactions met the 80 Second completion time limit
- The reported measurement interval was 20 minutes (1200 seconds)
- The reported measurement interval was representative of steady state conditions
- One checkpoint was taken during the reported measurement interval
- The repeatability of the measured performance was verified
- The 180 day storage requirement was correctly computed
- The ability to update primary keys with the same syntax as other columns was verified.
- The system pricing was verified for major components and maintenance

Additional Audit Notes:

The measured system included 6938 18.2 GB 10K UltraWide SCSI Drives P/N 36L9749 and 38 18.2 GB 10K Wide Ultra160 SCSI Drives P/N 37L7205 that were substituted by (6976) 18.2 GB 10K Wide Ultra160 SCSI Drives P/N 37L7205 in the priced configuration. Based on the specifications of these disks and on additional performance data collected on these disks, it is my opinion that this substitution does not have a material effect on the reported performance.

In the measured system, 95 out of 96 clients systems were driven using a direct LAN connection between the RTE and the client systems, while the 96th was driven using the priced hubs. Based on measurements comparing

the direct connect to the hubs, it is my opinion that there is no effect on performance by using the direct connect instead of the priced hubs.

Respectfully Yours,

A handwritten signature in black ink, appearing to read "François Raab". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

François Raab, President

A handwritten signature in black ink, appearing to read "Bradley J. Askins". The signature is cursive and includes a large, stylized initial "B".

Bradley J. Askins, Auditor

Appendix A: Source Code

Web Client Source Code

dllldata.c

```
*****
DllData file -- generated by MIDL compiler

DO NOT ALTER THIS FILE

This file is regenerated by MIDL on every IDL file compile.

To completely reconstruct this file, delete it and rerun MIDL
on all the IDL files in this DLL, specifying this file for the
/dllldata command line option

*****

#include <rpcproxy.h>

#ifdef __cplusplus
extern "C" {
#endif

EXTERN_PROXY_FILE(tpcc_com_remote_ps )

PROXYFILE_LIST_START
/* Start of list */
REFERENCE_PROXY_FILE(tpcc_com_remote_ps ),
/* End of list */
PROXYFILE_LIST_END

DLLDATA_ROUTINES(aProxyFileList, GET_DLL_CLSID)

#ifdef __cplusplus
} /*extern "C" */
#endif

/* end of generated dllldata file */
```

error.h

```
/*
FILE:          ERROR.H
*              Microsoft TPC-C Kit Ver.
4.20.000
*              Copyright Microsoft,
1999
*              All Rights Reserved
*
*              Version 4.10.000 audited
by Richard Gimarc, Performance Metrics, 3/17/99
*
*              PURPOSE:      Header file for error exception
classes.
*
* Change history:
*              4.20.000 - updated rev number to match kit
```

```
*              4.21.000 - fixed bug: ~CBaseErr needed to be
declared virtual
*/

#pragma once

#ifndef _INC_STRING
#include <string.h>
#endif

const int m_szMsg_size = 512;
const int m_szApp_size = 64;
const int m_szLoc_size = 64;

//error message structure used in ErrorText routines
typedef struct _SERRORMSG
{
    int                iError;
//error id of message
    char              szMsg[256];
//message to sent to browser
} SERRORMSG;

typedef enum _ErrorLevel
{
    ERR_FATAL_LEVEL           = 1,
    ERR_WARNING_LEVEL        = 2,
    ERR_INFORMATION_LEVEL    = 3
} ErrorLevel;

#define ERR_TYPE_LOGIC
-1 //logic error in program;
internal error
#define ERR_SUCCESS
0 //success (a
non-error error)
#define ERR_BAD_ITEM_ID
1 //expected abort record in
txnRecord
#define ERR_TYPE_DELIVERY_POST
2 //expected delivery post failed
#define ERR_TYPE_WEBDLL
3 //tpcc web
generated error
#define ERR_TYPE_SQL
4 //sql server generated error
#define ERR_TYPE_DBLIB
5 //dblib generated error
#define ERR_TYPE_ODBC
6 //odbc generated error
#define ERR_TYPE_SOCKET
7 //error on communication
socket client rte only
#define ERR_TYPE_DEADLOCK
8 //dblib and odbc only
deadlock condition
#define ERR_TYPE_COM
9 //error from COM call
#define ERR_TYPE_TUXEDO
10 //tuxedo error
#define ERR_TYPE_OS
11 //operating
system error
#define ERR_TYPE_MEMORY
12 //memory allocation error
```

```

#define ERR_TYPE_TPCC_ODBC
    13 //error from tpcc odbc txn
module
#define ERR_TYPE_TPCC_DBLIB
    14 //error from tpcc dblib txn
module
#define ERR_TYPE_DELISRV
    15 //delivery server error
#define ERR_TYPE_TXNLOG
    16 //txn log error
#define ERR_TYPE_BCCONN
    17 //Benchcraft connection
class
#define ERR_TYPE_TPCC_CONN
    18 //Benchcraft connection
class
#define ERR_TYPE_ENCINA
    19 //Encina error
#define ERR_TYPE_COMPONENT
    20 //error from COM
component
#define ERR_TYPE_RTE
    21 //Benchcraft rte
#define ERR_TYPE_AUTOMATION
    22 //Benchcraft automation
errors
#define ERR_TYPE_DRIVER
    23 //Driver engine errors
#define ERR_TYPE_RTE_BASE
    24 //Framework errors

// TPC-W error types
#define ERR_TYPE_TPCW_CONN
    50 //Benchcraft connection
class
#define ERR_TYPE_TPCW_HTML
    51 //error from TpcwHtml dll
#define ERR_TYPE_TPCW_USER
    52 //error from TPC-W user
class
#define ERR_TYPE_TPCW_ENG_BASE
    53
#define ERR_TYPE_TPCW_ENG_OS
    54
#define ERR_TYPE_HTML_RESP
    55
#define ERR_TYPE_TPCW_ODBC
    56

#define ERR_INS_MEMORY "Insufficient
Memory to continue."
#define ERR_UNKNOWN "Unknown error."
#define ERR_MSG_BUF_SIZE 512
#define INV_ERROR_CODE -1

class CBaseErr
{
public:
    CBaseErr(LPCTSTR szLoc = NULL)
    {
        m_idMsg = INV_ERROR_CODE;

        if (szLoc)
        {
            m_szLoc = new char[m_szLoc_size];
            strcpy(m_szLoc, szLoc);
        }
    }

```

```

else
    m_szLoc = NULL;

    m_szApp = new
char[m_szApp_size];
    GetModuleFileName(GetModuleHandle(NULL),
m_szApp, m_szApp_size);
}

    CBaseErr(int idMsg, LPCTSTR szLoc = NULL)
    {
        m_idMsg = idMsg;

        if (szLoc)
        {
            m_szLoc = new char[m_szLoc_size];
            strcpy(m_szLoc, szLoc);
        }
        else
            m_szLoc = NULL;

        m_szApp = new
char[m_szApp_size];
        GetModuleFileName(GetModuleHandle(NULL),
m_szApp, m_szApp_size);
    }

    virtual ~CBaseErr(void)
    {
        if (m_szApp)
            delete [] m_szApp;
        if (m_szLoc)
            delete [] m_szLoc;
    };

    virtual void Draw(HWND hwnd, LPCTSTR szStr = NULL)
    {
        int j = 0;
        char szTmp[512];

        if (szStr)
            j = sprintf(szTmp, "%s\n", szStr);
        if (ErrorNum() != INV_ERROR_CODE)
            j += sprintf(szTmp+j, "Error =
%d\n", ErrorNum());
        if (m_szLoc)
            j += sprintf(szTmp+j, "Location =
%s\n", GetLocation());

        j += sprintf(szTmp+j, "%s\n", ErrorText());

        ::MessageBox(hwnd, szTmp, m_szApp,
MB_OK);
    }

    char *GetApp(void) { return m_szApp; }
    char *GetLocation(void) { return m_szLoc; }
    virtual int ErrorNum() { return m_idMsg; }
    virtual int ErrorType() = 0; // a value which
distinguishes the kind of error that occurred
    virtual char *ErrorText() = 0; // a string (i.e., human
readable) representation of the error

protected:
    char *m_szApp;
    char *m_szLoc; // code location where the error
occurred

    int m_idMsg;

```

```

};

class CSocketErr : public CBaseErr
{
public:
    enum Action
    {
        eNone = 0,
        eSend,
        eSocket,
        eBind,
        eConnect,
        eListen,
        eHost,
        eRecv,
        eGetHostByName,
        eWSACreateEvent,
        eWSASend,
        eWSAGetOverlappedResult,
        eWSARecv,
        eWSAWaitForMultipleEvents,
        eWSAStartup,
        eWSAResetEvent,
    };

    CSocketErr(Action eAction, LPCTSTR szLocation =
NULL);

    ~CSocketErr()
    {
        if (m_szErrorText != NULL)
            delete [] m_szErrorText;
    };

    Action    m_eAction;
    char     *m_szErrorText;

    int ErrorType() { return ERR_TYPE_SOCKET;};
    char *ErrorText(void);

};

class CSystemErr : public CBaseErr
{
public:
    enum Action
    {
        eNone = 0,
        eTransactNamedPipe,
        eWaitNamedPipe,
        eSetNamedPipeHandleState,
        eCreateFile,
        eCreateProcess,
        eCallNamedPipe,
        eCreateEvent,
        eCreateThread,
        eVirtualAlloc,
        eReadFile = 10,
        eWriteFile,
        eMapViewOfFile,
        eCreateFileMapping,
        eInitializeSecurityDescriptor,
        eSetSecurityDescriptorDacl,
        eCreateNamedPipe,
        eConnectNamedPipe,
        eWaitForSingleObject,
        eRegOpenKeyEx,
        eRegQueryValueEx = 20,
    };

```

```

        eBeginThread,
        eRegEnumValue,
        eRegSetValueEx,
        eRegCreateKeyEx,
        eWaitForMultipleObjects,
        eRegisterClassEx,
        eCreateWindow,
        eCreateSemaphore,
    };

    CSystemErr(Action eAction,
LPCTSTR szLocation);
    CSystemErr(int iError, Action
eAction, LPCTSTR szLocation);
    int ErrorType() { return
ERR_TYPE_OS;};
    char *ErrorText(void);
    void Draw(HWND hwnd, LPCTSTR szStr = NULL);

    Action    m_eAction;

private:
    char m_szMsg[ERR_MSG_BUF_SIZE];
};

class CMemoryErr : public CBaseErr
{
public:
    CMemoryErr();

    int ErrorType() {return ERR_TYPE_MEMORY;};
    char *ErrorText() {return ERR_INS_MEMORY;};
};

```

install.c

```

/* FILE: INSTALL.C
 * Microsoft TPC-C Kit Ver.
4.20.000
 * Copyright Microsoft,
1999
 * All Rights Reserved
 *
 * not audited
 *
 * PURPOSE: Automated installation application
for TPC-C Web Kit
 * Contact: Charles Levine (clevine@microsoft.com)
 *
 * Change history:
 * 4.20.000 - added COM installation steps
 */

#include <windows.h>
#include <direct.h>
#include <io.h>
#include <stdlib.h>
#include <stdio.h>
#include <commctrl.h>
#include "..\..\common\src\ReadRegistry.h"

#include "resource.h"

#define WM_INITTEXT WM_USER+100

HICON hIcon;

```

```

HINSTANCE      hInst;

DWORD          versionExeMS;
DWORD          versionExeLS;
DWORD          versionExeMM;
DWORD          versionDIIMS;
DWORD          versionDIILS;

// TPC-C registry settings
TPCCREGISTRYDATA  Reg;

static int     iPoolThreadLimit;
static int     iThreadTimeout;
static int     iListenBackLog;
static int     iAcceptExOutstanding;

static int     iMaxPhysicalMemory;
//max physical memory in MB
static char    szLastFileName[64];          // last file we
worked on (for error reporting)

BOOL CALLBACK  LicenseDlgProc(HWND hwnd, UINT
uMsg, WPARAM wParam, LPARAM lParam);
BOOL CALLBACK  UpdatedDlgProc(HWND hwnd,
UINT uMsg, WPARAM wParam, LPARAM lParam);
BOOL CALLBACK  MainDlgProc(HWND hwnd, UINT
uMsg, WPARAM wParam, LPARAM lParam);
BOOL CALLBACK  CopyDlgProc(HWND hwnd, UINT
uMsg, WPARAM wParam, LPARAM lParam);
static void    ProcessOK(HWND hwnd, char
*szDllPath);
static void    ReadRegistrySettings(void);
static void    WriteRegistrySettings(char
*szDllPath);
static BOOL    RegisterDLL(char *szFileName);
static int     CopyFiles(HWND hDlg,
char *szDllPath);
static BOOL    GetInstallPath(char *szDllPath);
static void    GetVersionInfo(char *szDLLPath,
char *szExePath);
static BOOL    CheckWWWebService(void);
static BOOL    StartWWWebService(void);
static BOOL    StopWWWebService(void);
static void    UpdateDialog(HWND hDlg);

BOOL install_com(char *szDllPath);

#include "..\..\common\src\ReadRegistry.cpp"

int WINAPI WinMain( HINSTANCE hInstance, HINSTANCE
hPrevInstance, LPSTR lpCmdLine, int nCmdShow )
{
    int iRc;

    hInst = hInstance;

    InitCommonControls();

    hIcon = LoadIcon(hInstance,
MAKEINTRESOURCE(IDI_ICON1));

    iRc = DialogBox(hInstance,
MAKEINTRESOURCE(IDD_DIALOG4),GetDesktopWindow(),
LicenseDlgProc);
    if ( iRc )
    {

```

```

        iRc = DialogBox(hInstance,
MAKEINTRESOURCE(IDD_DIALOG1),GetDesktopWindow(),
MainDlgProc);
        if ( iRc )
        {
            DialogBoxParam(hInstance,
MAKEINTRESOURCE(IDD_DIALOG2),GetDesktopWindow(),
UpdatedDlgProc, (LPARAM)iRc);
        }

        DestroyIcon(hIcon);
        return 0;
    }

    BOOL CALLBACK LicenseDlgProc(HWND hwnd, UINT uMsg,
WPARAM wParam, LPARAM lParam)
    {
        HGLOBAL          hRes;
        HRSRC             hResInfo;
        BYTE              *pSrc, *pDst;
        DWORD             dwSize;
        static HFONT      hFont;

        switch(uMsg)
        {
            case WM_INITDIALOG:
                hFont = CreateFont(-12, 0, 0, 0, 400,
0, 0, 0, 0, 0, 0, 0, "Arial");
                SendMessage( GetDlgItem(hwnd,
IDR_LICENSE1), WM_SETFONT, (WPARAM)hFont,
MAKELPARAM(0, 0) );
                PostMessage(hwnd,
WM_INITTEXT, (WPARAM)0, (LPARAM)0);
                return TRUE;

            case WM_INITTEXT:
                hResInfo = FindResource(hInst,
MAKEINTRESOURCE(IDR_LICENSE1),"LICENSE");
                dwSize = SizeofResource(hInst,
hResInfo);
                hRes = LoadResource(hInst,
hResInfo );
                pSrc = (BYTE
*)LockResource(hRes);
                pDst = (unsigned char
*)malloc(dwSize+1);
                if ( pDst )
                {
                    memcpy(pDst, pSrc,
dwSize);
                    pDst[dwSize] = 0;
                    SetDlgItemText(hwnd,
IDC_LICENSE, (const char *)pDst);
                    free(pDst);
                }
                else
                    SetDlgItemText(hwnd,
IDC_LICENSE, (const char *)pSrc);
                return TRUE;

            case WM_DESTROY:
                DeleteObject(hFont);
                return TRUE;

            case WM_COMMAND:
                if ( wParam == IDOK )
                    EndDialog(hwnd, TRUE);
                if ( wParam == IDCANCEL )
                    EndDialog(hwnd,
FALSE);

```

<pre> default: break; } return FALSE; } } BOOL CALLBACK UpdatedDlgProc(HWND hwnd, UINT uMsg, WPARAM wParam, LPARAM lParam) { switch(uMsg) { case WM_INITDIALOG: switch(lParam) { case 1: case 2: SetDlgItemText(hwnd, IDC_RESULTS, "TPC-C Web Client Installed"); break; } return TRUE; case WM_COMMAND: if (wParam == IDOK) EndDialog(hwnd, TRUE); break; default: break; } return FALSE; } BOOL CALLBACK MainDlgProc(HWND hwnd, UINT uMsg, WPARAM wParam, LPARAM lParam) { PAINTSTRUCT ps; MEMORYSTATUS memoryStatus; OSVERSIONINFO VI; char szTmp[256]; static char szDllPath[256]; static char szExePath[256]; switch(uMsg) { case WM_INITDIALOG: GlobalMemoryStatus(&memoryStatus); iMaxPhysicalMemory= (memoryStatus.dwTotalPhys/ 1048576); if (GetInstallPath(szDllPath)) { MessageBox(hwnd, "Error internet service inetsrv is not installed.", NULL, MB_ICONSTOP MB_OK); EndDialog(hwnd, FALSE); return TRUE; } // set default values ZeroMemory(&Reg, sizeof(Reg)); ReadTPCCRegistrySettings(&Reg); ReadRegistrySettings(); Reg.dwNumberOfDeliveryThreads= 7; Reg.dwMaxConnections = 10000; </pre>	<pre> 1000; Reg.eDB_Protocol = ODBC; Reg.eTxnMon = COM; strcpy(Reg.szDbName, "tpcc"); strcpy(Reg.szDbUser, "sa"); strcpy(Reg.szDbPassword, ""); // iPoolThreadLimit = iMaxPhysicalMemory * 2; iPoolThreadLimit = 190; iThreadTimeout = 86400; iListenBackLog = 150; iAcceptExOutstanding = 40; GetModuleFileName(hInst, szExePath, sizeof(szExePath)); GetVersionInfo(szDllPath, szExePath); wsprintf(szTmp, "Version %d.%2.2d.%3.3d", versionExeMS, versionExeMM, versionExeLS); SetDlgItemText(hwnd, IDC_VERSION, szTmp); SetDlgItemText(hwnd, IDC_PATH, szDllPath); SetDlgItemText(hwnd, ED_DB_SERVER, Reg.szDbServer); SetDlgItemText(hwnd, ED_DB_USER_ID, Reg.szDbUser); SetDlgItemText(hwnd, ED_DB_PASSWORD, Reg.szDbPassword); SetDlgItemText(hwnd, ED_DB_NAME, Reg.szDbName); SetDlgItemInt(hwnd, ED_THREADS, Reg.dwNumberOfDeliveryThreads, FALSE); SetDlgItemInt(hwnd, ED_MAXCONNECTION, Reg.dwMaxConnections, FALSE); SetDlgItemInt(hwnd, ED_MAXDELIVERIES, Reg.dwMaxPendingDeliveries, FALSE); SetDlgItemInt(hwnd, ED_IIS_MAX_THREAD_POOL_LIMIT, iPoolThreadLimit, FALSE); SetDlgItemInt(hwnd, ED_IIS_THREAD_TIMEOUT, iThreadTimeout, FALSE); SetDlgItemInt(hwnd, ED_IIS_LISTEN_BACKLOG, iListenBackLog, FALSE); SetDlgItemInt(hwnd, ED_WEB_SERVICE_BACKLOG_QUEUE_SIZE, iAcceptExOutstanding, FALSE); CheckDlgButton(hwnd, IDC_DBLIB, 0); CheckDlgButton(hwnd, IDC_ODBC, 0); if (Reg.eDB_Protocol == DBLIB) CheckDlgButton(hwnd, IDC_DBLIB, 1); else if (Reg.eDB_Protocol == ODBC) </pre>
--	---

<pre> IDC_ODBC, 1); CheckDlgButton(hwnd, // check OS version level for COM. Must be at least Windows 2000 VI.dwOSVersionInfoSize = sizeof(VI); GetVersionEx(&VI); if (VI.dwMajorVersion < 5) { HWND hDlg = GetDlgItem(hwnd, IDC_TM_MTS); EnableWindow(hDlg, 0); // disable COM option if (Reg.eTxnMon == COM) Reg.eTxnMon = None; } CheckDlgButton(hwnd, IDC_TM_NONE, 0); CheckDlgButton(hwnd, IDC_TM_TUXEDO, 0); CheckDlgButton(hwnd, IDC_TM_MTS, 0); CheckDlgButton(hwnd, IDC_TM_ENCINA, 0); switch (Reg.eTxnMon) { case None: CheckDlgButton(hwnd, IDC_TM_NONE, 1); break; case TUXEDO: CheckDlgButton(hwnd, IDC_TM_TUXEDO, 1); break; case ENCINA: CheckDlgButton(hwnd, IDC_TM_ENCINA, 1); break; case COM: CheckDlgButton(hwnd, IDC_TM_MTS, 1); break; } return TRUE; case WM_PAINT: if (!IsIconic(hwnd)) { BeginPaint(hwnd, &ps); DrawIcon(ps.hdc, 0, 0, hIcon); EndPaint(hwnd, &ps); return TRUE; } break; case WM_COMMAND: if (HIWORD(wParam) == BN_CLICKED) { switch(LOWORD(wParam)) { case IDC_DBLIB: </pre>	<pre> return TRUE; case IDC_ODBC: return TRUE; case IDOK: ProcessOK(hwnd, szDllPath); return TRUE; case IDC_CANCEL: EndDialog(hwnd, FALSE); return TRUE; default: return FALSE; } } default: break; } } return FALSE; } static void ProcessOK(HWND hwnd, char *szDllPath) { int d; HWND hDlg; int rc; char szFullName[256]; char szErrTxt[128]; // read settings from dialog Reg.dwNumberOfDeliveryThreads = GetDlgItemInt(hwnd, ED_THREADS, &d, FALSE); Reg.dwMaxConnections = GetDlgItemInt(hwnd, ED_MAXCONNECTION, &d, FALSE); Reg.dwMaxPendingDeliveries = GetDlgItemInt(hwnd, ED_MAXDELIVERIES, &d, FALSE); GetDlgItemText(hwnd, ED_DB_SERVER, Reg.szDbServer, sizeof(Reg.szDbServer)); GetDlgItemText(hwnd, ED_DB_USER_ID, Reg.szDbUser, sizeof(Reg.szDbUser)); GetDlgItemText(hwnd, ED_DB_PASSWORD, Reg.szDbPassword, sizeof(Reg.szDbPassword)); GetDlgItemText(hwnd, ED_DB_NAME, Reg.szDbName, sizeof(Reg.szDbName)); if (!IsDlgButtonChecked(hwnd, IDC_DBLIB)) { Reg.eDB_Protocol = DBLIB; rc = 1; } else if (!IsDlgButtonChecked(hwnd, IDC_ODBC)) { Reg.eDB_Protocol = ODBC; rc = 2; } if (!IsDlgButtonChecked(hwnd, IDC_TM_NONE)) </pre>
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```

        Reg.eTxnMon = None;
    else if ( IsDlgButtonChecked(hwnd, IDC_TM_TUXEDO) )
        Reg.eTxnMon = TUXEDO;
    else if ( IsDlgButtonChecked(hwnd, IDC_TM_MTS) )
        Reg.eTxnMon = COM;
    else if ( IsDlgButtonChecked(hwnd, IDC_TM_ENCINA) )
        Reg.eTxnMon = ENCINA;

    iPoolThreadLimit = GetDlgItemInt(hwnd,
ED_IIS_MAX_THREAD_POOL_LIMIT,&d, FALSE);
    iThreadTimeout = GetDlgItemInt(hwnd,
ED_IIS_THREAD_TIMEOUT, &d, FALSE);
    iListenBackLog = GetDlgItemInt(hwnd,
ED_IIS_LISTEN_BACKLOG,&d, FALSE);
    iAcceptExOutstanding = GetDlgItemInt(hwnd,
ED_WEB_SERVICE_BACKLOG_QUEUE_SIZE,&d, FALSE);

    ShowWindow(hwnd, SW_HIDE);
    hDlg = CreateDialog(hInst,
MAKEINTRESOURCE(IDD_DIALOG3),hwnd, CopyDlgProc);
    ShowWindow(hDlg, SW_SHOWNA);
    UpdateDialog(hDlg);

    // write binaries to inetpub\wwwroot
    rc = CopyFiles(hDlg, szDllPath);
    if ( !rc )
    {
        ShowWindow(hwnd, SW_SHOWNA);
        DestroyWindow(hDlg);
        strcpy( szErrTxt, "Error(s) occurred when
creating " );
        strcat( szErrTxt, szLastFileName );
        MessageBox(hwnd, szErrTxt, NULL,
MB_ICONSTOP | MB_OK);
        EndDialog(hwnd, 0);
        return;
    }

    // update registry
    SetDlgItemText(hDlg, IDC_STATUS, "Updating
Registry.");
    SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
    UpdateDialog(hDlg);
    WriteRegistrySettings(szDllPath);

    // register com proxy stub
    strcpy(szFullName, szDllPath);
    strcat(szFullName, "tpcc_com_ps.dll");
    if (!RegisterDLL(szFullName))
    {
        ShowWindow(hwnd, SW_SHOWNA);
        DestroyWindow(hDlg);
        strcpy( szErrTxt, "Error occurred when
registering " );
        strcat( szErrTxt, szFullName );
        MessageBox(hwnd, szErrTxt, NULL,
MB_ICONSTOP | MB_OK);
        EndDialog(hwnd, 0);
        return;
    }
    // register remote com proxy stub
    strcpy(szFullName, szDllPath);
    strcat(szFullName, "tpcc_com_remote_ps.dll");
    if (!RegisterDLL(szFullName))
    {

```

```

        ShowWindow(hwnd, SW_SHOWNA);
        DestroyWindow(hDlg);
        strcpy( szErrTxt, "Error occurred when
registering " );
        strcat( szErrTxt, szFullName );
        MessageBox(hwnd, szErrTxt, NULL,
MB_ICONSTOP | MB_OK);
        EndDialog(hwnd, 0);
        return;
    }
    // if using COM
    if (Reg.eTxnMon == COM)
    {
        SetDlgItemText(hDlg, IDC_STATUS,
"Configuring COM.");
        SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
        UpdateDialog(hDlg);

        if (install_com(szDllPath))
        {
            ShowWindow(hwnd,
SW_SHOWNA);
            DestroyWindow(hDlg);
            strcpy( szErrTxt, "Error occurred
when configuring COM settings." );
            MessageBox(hwnd, szErrTxt, NULL,
MB_ICONSTOP | MB_OK);
            EndDialog(hwnd, 0);
            return;
        }
        Sleep(100);

        ShowWindow(hwnd, SW_SHOWNA);
        DestroyWindow(hDlg);

        EndDialog(hwnd, rc);
        return;
    }
static void ReadRegistrySettings(void)
{
    HKEY    hKey;
    DWORD   size;
    DWORD   type;

    if ( RegOpenKeyEx(HKEY_LOCAL_MACHINE,
"SYSTEM\\CurrentControlSet\\Services\\Inetinfo\\Parameters",0,
KEY_READ, &hKey) == ERROR_SUCCESS )
    {
        size = sizeof(iPoolThreadLimit);
        if ( RegQueryValueEx(hKey,
"PoolThreadLimit", 0, &type, (char *)&iPoolThreadLimit, &size) ==
ERROR_SUCCESS )
            if ( !iPoolThreadLimit )
                iPoolThreadLimit =
iMaxPhysicalMemory * 2;

        size = sizeof(iThreadTimeout);
        if ( RegQueryValueEx(hKey, "ThreadTimeout",
0, &type, (char *)&iThreadTimeout, &size) == ERROR_SUCCESS )
            if ( !iThreadTimeout )
                iThreadTimeout = 86400;

```



```

        size = sizeof(iListenBackLog);
        if ( RegQueryValueEx(hKey, "ListenBackLog",
0, &type, (char *)&iListenBackLog, &size) == ERROR_SUCCESS )
            if ( !iListenBackLog )
                iListenBackLog = 150;

        RegCloseKey(hKey);
    }

    if ( RegOpenKeyEx(HKEY_LOCAL_MACHINE,
"SYSTEM\\CurrentControlSet\\Services\\W3SVC\\Parameters", 0,
KEY_READ, &hKey) == ERROR_SUCCESS )
    {
        size = sizeof(iAcceptExOutstanding);
        if ( RegQueryValueEx(hKey,
"AcceptExOutstanding", 0, &type, (char *)&iAcceptExOutstanding,
&size) == ERROR_SUCCESS )
            if ( !iAcceptExOutstanding )
                iAcceptExOutstanding =
40;

        RegCloseKey(hKey);
    }
}

static void WriteRegistrySettings(char *szDllPath)
{
    HKEY    hKey;
    DWORD   dwDisposition;
    char    szTmp[256];
    char    *ptr;
    int     iRc;

    if ( RegCreateKeyEx(HKEY_LOCAL_MACHINE,
"SOFTWARE\\Microsoft\\TPCC", 0, NULL,
REG_OPTION_NON_VOLATILE, KEY_ALL_ACCESS, NULL,
&hKey, &dwDisposition) == ERROR_SUCCESS )
    {
        strcpy(szTmp, szDllPath);
        ptr = strstr(szTmp, "tpcc");
        if ( ptr )
            *ptr = 0;

        RegSetValueEx(hKey, "Path", 0, REG_SZ,
szTmp, strlen(szTmp)+1);

        RegSetValueEx(hKey,
"NumberOfDeliveryThreads", 0, REG_DWORD, (char
*)&Reg.dwNumberOfDeliveryThreads,
sizeof(Reg.dwNumberOfDeliveryThreads));
        RegSetValueEx(hKey, "MaxConnections", 0,
REG_DWORD, (char *)&Reg.dwMaxConnections,
sizeof(Reg.dwMaxConnections));
        RegSetValueEx(hKey, "MaxPendingDeliveries",
0, REG_DWORD, (char *)&Reg.dwMaxPendingDeliveries,
sizeof(Reg.dwMaxPendingDeliveries));

        RegSetValueEx(hKey, "DB_Protocol", 0,
REG_SZ, szDBNames[Reg.eDB_Protocol],
strlen(szDBNames[Reg.eDB_Protocol])+1);
        RegSetValueEx(hKey, "TxnMonitor", 0,
REG_SZ, szTxnMonNames[Reg.eTxnMon],
strlen(szTxnMonNames[Reg.eTxnMon])+1);

        RegSetValueEx(hKey, "DbServer", 0, REG_SZ,
Reg.szDbServer, strlen(Reg.szDbServer)+1);
        RegSetValueEx(hKey, "DbName", 0, REG_SZ,
Reg.szDbName, strlen(Reg.szDbName)+1);

```

```

        RegSetValueEx(hKey, "DbUser", 0, REG_SZ,
Reg.szDbUser, strlen(Reg.szDbUser)+1);
        RegSetValueEx(hKey, "DbPassword", 0,
REG_SZ, Reg.szDbPassword, strlen(Reg.szDbPassword)+1);

        strcpy(szTmp, "YES");
        RegSetValueEx(hKey, "COM_SinglePool", 0,
REG_SZ, szTmp, strlen(szTmp)+1);

        RegFlushKey(hKey);
        RegCloseKey(hKey);
    }

    if ( (iRc=RegCreateKeyEx(HKEY_LOCAL_MACHINE,
"SYSTEM\\CurrentControlSet\\Services\\Inetinfo\\Parameters", 0,
NULL, REG_OPTION_NON_VOLATILE, KEY_ALL_ACCESS,
NULL, &hKey, &dwDisposition)) == ERROR_SUCCESS )
    {
        RegSetValueEx(hKey, "PoolThreadLimit", 0,
REG_DWORD, (char *)&iPoolThreadLimit,
sizeof(iPoolThreadLimit));
        RegSetValueEx(hKey, "ThreadTimeout", 0,
REG_DWORD, (char *)&iThreadTimeout, sizeof(iThreadTimeout));
        RegSetValueEx(hKey, "ListenBackLog", 0,
REG_DWORD, (char *)&iListenBackLog, sizeof(iListenBackLog));

        RegFlushKey(hKey);
        RegCloseKey(hKey);
    }

    if ( (iRc=RegCreateKeyEx(HKEY_LOCAL_MACHINE,
"SYSTEM\\CurrentControlSet\\Services\\W3SVC\\Parameters", 0,
NULL, REG_OPTION_NON_VOLATILE, KEY_ALL_ACCESS,
NULL, &hKey, &dwDisposition)) == ERROR_SUCCESS )
    {
        RegSetValueEx(hKey, "AcceptExOutstanding",
0, REG_DWORD, (char *)&iAcceptExOutstanding,
sizeof(iAcceptExOutstanding));

        RegFlushKey(hKey);
        RegCloseKey(hKey);
    }

    return;
}

BOOL CALLBACK CopyDlgProc(HWND hwnd, UINT uMsg,
WPARAM wParam, LPARAM lParam)
{
    if ( uMsg == WM_INITDIALOG )
    {
        SendDlgItemMessage(hwnd,
IDC_PROGRESS1, PBM_SETRANGE, 0, MAKELPARAM(0, 15));
        SendDlgItemMessage(hwnd,
IDC_PROGRESS1, PBM_SETSTEP, (WPARAM)1, 0);
        return TRUE;
    }
    return FALSE;
}

BOOL RegisterDLL(char *szFileName)
{
    HINSTANCE    hLib;
    FARPROC      lpDllEntryPoint;

    hLib = LoadLibrary(szFileName);
    if ( hLib == NULL )

```

```

        return FALSE;
// Find the entry point.
lpDllEntryPoint = GetProcAddress(hLib,
"DllRegisterServer");
if (lpDllEntryPoint != NULL)
{
    return ((*lpDllEntryPoint)() == S_OK);
}
else
    return FALSE; //unable to locate entry
point
}

BOOL FileFromResource( char *szResourceName, int iResourceId,
char *szDllPath, char *szFileName )
{
    HGLOBAL          hDLL;
    HRSRC            hResInfo;
    HANDLE           hFile;
    DWORD            dwSize;
    BYTE             *pSrc;
    DWORD            d;
    char              szFullName[256];

    hResInfo = FindResource(hInst,
MAKEINTRESOURCE(iResourceId), szResourceName);

    strcpy(szFullName, szDllPath);
    strcat(szFullName, szFileName);

    dwSize = SizeofResource(hInst, hResInfo);
    hDLL = LoadResource(hInst, hResInfo);
    pSrc = (BYTE *)LockResource(hDLL);
    remove(szFullName);

    if ( !(hFile = CreateFile(szFullName, GENERIC_WRITE, 0,
NULL, CREATE_ALWAYS, FILE_ATTRIBUTE_NORMAL,
NULL)) )
        return FALSE;

    if ( !WriteFile(hFile, pSrc, dwSize, &d, NULL) )
        return FALSE;

    CloseHandle(hFile);

    UnlockResource(hDLL);
    FreeResource(hDLL);
    return TRUE;
}

static int CopyFiles(HWND hDlg, char *szDllPath)
{
    BOOL            bSvcRunning;

    bSvcRunning = CheckWWWService();
    if ( bSvcRunning )
    {
        SetDlgItemText(hDlg, IDC_STATUS, "Stopping
Web Service.");
        SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
        UpdateDialog(hDlg);

        StopWWWService();
        SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
        UpdateDialog(hDlg);
    }
}

```

```

        SetDlgItemText(hDlg, IDC_STATUS, "Copying Files...");
        SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
        UpdateDialog(hDlg);

        // install TPCC.DLL
        strcpy( szLastFileName, "tpcc.dll" );
        if (!FileFromResource( "TPCCDLL", IDR_TPCCDLL,
szDllPath, szLastFileName ))
            return 0;
        SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
        UpdateDialog(hDlg);

        // install tpcc_dblib.dll
        strcpy( szLastFileName, "tpcc_dblib.dll" );
        if (!FileFromResource( "DBLIB_DLL", IDR_DBLIB_DLL,
szDllPath, szLastFileName ))
            return 0;
        SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
        UpdateDialog(hDlg);

        // install tpcc_odbc.dll
        strcpy( szLastFileName, "tpcc_odbc.dll" );
        if (!FileFromResource( "ODBC_DLL", IDR_ODBC_DLL,
szDllPath, szLastFileName ))
            return 0;
        SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
        UpdateDialog(hDlg);

        /*
        // install tuxapp.exe
        strcpy( szLastFileName, "tuxapp.exe" );
        if (!FileFromResource( "TUXEDO_APP",
IDR_TUXEDO_APP, szDllPath, szLastFileName ))
            return 0;
        SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
        UpdateDialog(hDlg);

        // install tpcc_tuxedo.dll
        strcpy( szLastFileName, "tpcc_tuxedo.dll" );
        if (!FileFromResource( "TUXEDO_DLL",
IDR_TUXEDO_DLL, szDllPath, szLastFileName ))
            return 0;
        SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
        UpdateDialog(hDlg);

        /*
        // install tpcc_com.dll
        strcpy( szLastFileName, "tpcc_com.dll" );
        if (!FileFromResource( "COM_DLL", IDR_COM_DLL,
szDllPath, szLastFileName ))
            return 0;
        SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
        UpdateDialog(hDlg);

        // install tpcc_com_all.tlb
        strcpy( szLastFileName, "tpcc_com_all.tlb" );
        if (!FileFromResource( "COM_TYPLIB",
IDR_COMTYPLIB_DLL, szDllPath, szLastFileName ))
            return 0;
        SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
        UpdateDialog(hDlg);

```

```

// install tpcc_com_ps.dll
strcpy( szLastFileName, "tpcc_com_ps.dll" );
if (!FileFromResource("COM_PS_DLL",
IDR_COMPS_DLL, szDllPath, szLastFileName))
    return 0;
SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
UpdateDialog(hDlg);

// install tpcc_com_all.dll
strcpy( szLastFileName, "tpcc_com_all.dll" );
if (!FileFromResource("COM_ALL_DLL",
IDR_COMALL_DLL, szDllPath, szLastFileName))
    return 0;
SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
UpdateDialog(hDlg);

// install tpcc_com_remote.tlb
strcpy( szLastFileName, "tpcc_com_remote.tlb" );
if (!FileFromResource("COM_REMTYPLIB",
IDR_COMREMTYPLIB_DLL, szDllPath, szLastFileName))
    return 0;
SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
UpdateDialog(hDlg);

// install tpcc_com_remote_ps.dll
strcpy( szLastFileName, "tpcc_com_remote_ps.dll" );
if (!FileFromResource("COM_REMPS_DLL",
IDR_COMREMPS_DLL, szDllPath, szLastFileName))
    return 0;
SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
UpdateDialog(hDlg);

// install tpcc_com_remote.dll
strcpy( szLastFileName, "tpcc_com_remote.dll" );
if (!FileFromResource("COM_REMOTE_DLL",
IDR_REMOTE_DLL, szDllPath, szLastFileName))
    return 0;
SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
UpdateDialog(hDlg);

//if we stopped service restart it.
if ( bSvcRunning )
{
    SetDlgItemText(hDlg, IDC_STATUS, "Starting
Web Service.");
    SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
    UpdateDialog(hDlg);
    StartWWWebService();
}

SendDlgItemMessage(hDlg, IDC_PROGRESS1,
PBM_STEPIT, 0, 0);
UpdateDialog(hDlg);

return 1;
}

static BOOL GetInstallPath(char *szDllPath)
{
    HKEY hKey;

```

```

    BYTE szData[256];
    DWORD sv;
    BOOL bRc;
    int len;
    char *ptr;
    int iRc;

    szDllPath[0] = 0;
    bRc = TRUE;
    if ( RegOpenKeyEx(HKEY_LOCAL_MACHINE,
"SYSTEM\\CurrentControlSet\\Services\\W3SVC\\Parameters\\Virtual
Roots", 0, KEY_ALL_ACCESS, &hKey) == ERROR_SUCCESS )
    {
        sv = sizeof(szData);
        iRc = RegQueryValueEx( hKey, "/", NULL,
NULL, szData, &sv ); // used by IIS 3.0
        if (iRc == ERROR_FILE_NOT_FOUND)
            iRc = RegQueryValueEx( hKey, "/",
NULL, NULL, szData, &sv ); // used by IIS 4.0
        if (iRc == ERROR_SUCCESS)
        {
            bRc = FALSE;
            strcpy(szDllPath, szData);
            if ( ( ptr = strchr(szDllPath, '\\) ) )
                *ptr = 0;

            len = strlen(szDllPath);
            if ( szDllPath[len-1] != '\\ )
            {
                szDllPath[len] = '\\;
                szDllPath[len+1] = 0;
            }
        }
        RegCloseKey(hKey);
    }

    return bRc;
}

static void GetVersionInfo(char *szDLLPath, char *szExePath)
{
    DWORD d;
    DWORD dwSize;
    DWORD dwBytes;
    char *ptr;
    VS_FIXEDFILEINFO*vs;

    versionDIIMS = 0;
    versionDIILS = 0;
    if ( _access(szDLLPath, 00) == 0 )
    {
        dwSize = GetFileVersionInfoSize(szDLLPath,
&d);
        if ( dwSize )
        {
            ptr = (char *)malloc(dwSize);
            GetFileVersionInfo(szDLLPath, 0,
dwSize, ptr);
            VerQueryValue(ptr, "\\",&vs,
&dwBytes);
            versionDIIMS =
vs->dwProductVersionMS;
            versionDIILS =
vs->dwProductVersionLS;
            free(ptr);
        }
    }
}

```

```

versionExeMS = 0x7FFF;
versionExeLS = 0x7FFF;
dwSize = GetFileVersionInfoSize(szExePath, &d);
if ( dwSize )
{
    ptr = (char *)malloc(dwSize);
    GetFileVersionInfo(szExePath, 0, dwSize, ptr);
    VerQueryValue(ptr, "\\", &vs, &dwBytes);

    versionExeMS = vs->dwProductVersionMS;
    versionExeLS =
LOWORD(vs->dwProductVersionLS);
    versionExeMM =
HIWORD(vs->dwProductVersionLS);
    free(ptr);
}
return;
}

static BOOL CheckWWWebService(void)
{
    SC_HANDLE          schSCManager;
    SC_HANDLE          schService;
    SERVICE_STATUS    ssStatus;

    schSCManager = OpenSCManager(NULL, NULL,
SC_MANAGER_ALL_ACCESS);
    schService = OpenService(schSCManager,
TEXT("W3SVC"), SERVICE_ALL_ACCESS);
    if (schService == NULL)
        return FALSE;

    if (! QueryServiceStatus(schService, &ssStatus) )
        goto ServiceNotRunning;

    if ( !ControlService(schService,
SERVICE_CONTROL_STOP, &ssStatus) )
        goto ServiceNotRunning;
//start Service pending, Check the status until the service is
running.
    if (! QueryServiceStatus(schService, &ssStatus) )
        goto ServiceNotRunning;

    CloseServiceHandle(schService);
    return TRUE;

ServiceNotRunning:
    CloseServiceHandle(schService);
    return FALSE;
}

static BOOL StartWWWebService(void)
{
    SC_HANDLE          schSCManager;
    SC_HANDLE          schService;
    SERVICE_STATUS    ssStatus;
    DWORD              dwOldCheckPoint;

    schSCManager = OpenSCManager(NULL, NULL,
SC_MANAGER_ALL_ACCESS);
    schService = OpenService(schSCManager,
TEXT("W3SVC"), SERVICE_ALL_ACCESS);
    if (schService == NULL)
        return FALSE;

    if (! StartService(schService, 0, NULL) )

```

```

        goto StartWWWebErr;
//start Service pending, Check the status until the service is
running.
    if (! QueryServiceStatus(schService, &ssStatus) )
        goto StartWWWebErr;
    while( ssStatus.dwCurrentState != SERVICE_RUNNING)
    {
        dwOldCheckPoint = ssStatus.dwCheckPoint;
        //Save the current checkpoint.
        Sleep(ssStatus.dwWaitHint);
        //Wait for the specified
interval.
        if ( !QueryServiceStatus(schService, &ssStatus) )
//Check the status again.
            break;
        if (dwOldCheckPoint >=
ssStatus.dwCheckPoint) //Break if the checkpoint
has not been incremented.
            break;
    }

    if (ssStatus.dwCurrentState == SERVICE_RUNNING)
        goto StartWWWebErr;

    CloseServiceHandle(schService);
    return TRUE;

StartWWWebErr:
    CloseServiceHandle(schService);
    return FALSE;
}

static BOOL StopWWWebService(void)
{
    SC_HANDLE          schSCManager;
    SC_HANDLE          schService;
    SERVICE_STATUS    ssStatus;
    DWORD              dwOldCheckPoint;

    schSCManager = OpenSCManager(NULL, NULL,
SC_MANAGER_ALL_ACCESS);
    schService = OpenService(schSCManager,
TEXT("W3SVC"), SERVICE_ALL_ACCESS);
    if (schService == NULL)
        return FALSE;

    if (! QueryServiceStatus(schService, &ssStatus) )
        goto StopWWWebErr;

    if ( !ControlService(schService,
SERVICE_CONTROL_STOP, &ssStatus) )
        goto StopWWWebErr;
//start Service pending, Check the status until the service is
running.
    if (! QueryServiceStatus(schService, &ssStatus) )
        goto StopWWWebErr;
    while( ssStatus.dwCurrentState == SERVICE_RUNNING)
    {
        dwOldCheckPoint = ssStatus.dwCheckPoint;
        //Save the current checkpoint.
        Sleep(ssStatus.dwWaitHint);
        //Wait for the specified
interval.
        if ( !QueryServiceStatus(schService, &ssStatus) )
//Check the status again.
            break;

```

```

        if (dwOldCheckPoint >=
ssStatus.dwCheckPoint) //Break if the checkpoint
has not been incremented.

                break;
        }

        if (ssStatus.dwCurrentState == SERVICE_RUNNING)
                goto StopWWWebErr;

        CloseServiceHandle(schService);
        return TRUE;

StopWWWebErr:
        CloseServiceHandle(schService);
        return FALSE;
}

static void UpdateDialog(HWND hDlg)
{
        MSG msg;

        UpdateWindow(hDlg);
        while( PeekMessage(&msg, hDlg, 0, 0, PM_REMOVE) )
        {
                TranslateMessage(&msg);
                DispatchMessage(&msg);
        }
        Sleep(250);
        return;
}

```

install.h

```

//{{NO_DEPENDENCIES}}
// Microsoft Developer Studio generated include file.
// Used by install.rc
//

#define IDD_DIALOG1          101
#define IDI_ICON1           102
#define IDR_TPCCDLL         103
#define IDD_DIALOG2        105
#define IDI_ICON2           106
#define IDR_DELIVERY        107
#define IDD_DIALOG3        108

#define BN_LOG               1001
#define ED_KEEP              1002
#define ED_THREADS           1003
#define ED_THREADS2         1004
#define IDC_PATH             1007
#define IDC_VERSION         1009
#define IDC_RESULTS         1010
#define IDC_PROGRESS1       1011
#define IDC_STATUS          1012
#define IDC_BUTTON1         1013
#define ED_MAXCONNECTION    1014
#define ED_IIS_MAX_THREAD_POOL_LIMIT 1015
#define ED_WEB_SERVICE_BACKLOG_QUEUE_SIZE 1017
#define ED_IIS_THREAD_TIMEOUT 1018
#define ED_IIS_LISTEN_BACKLOG 1019
#define IDC_DBLIB           1021
#define IDC_ODBC            1022
#define IDC_CONNECT_POOL   1023

```

```

#define ED_USER_CONNECT_DELAY_TIME
1024

// Next default values for new objects
//

install.rc

//Microsoft Developer Studio generated resource script.
//
#include "resource.h"

#define APSTUDIO_READONLY_SYMBOLS
//
// Generated from the TEXTINCLUDE 2 resource.
//
#include "afxres.h"

//
// English (U.S.) resources
//

#if !defined(AFX_RESOURCE_DLL) || defined(AFX_TARG_ENU)
#ifdef _WIN32
LANGUAGE LANG_ENGLISH, SUBLANG_ENGLISH_US
#pragma code_page(1252)
#endif // _WIN32

//
// Dialog
//

IDD_DIALOG1 DIALOGEX 0, 0, 367, 255
STYLE DS_MODALFRAME | DS_CENTER | WS_MINIMIZEBOX |
WS_POPUP | WS_CAPTION |
WS_VSCROLL | WS_SYSMENU
CAPTION "TPC-C Web Client Installation Utility"
FONT 8, "MS Sans Serif"
BEGIN
    EDITTEXT    ED_THREADS,134,36,34,12,ES_RIGHT |
ES_NUMBER,
                WS_EX_RTLREADING
    EDITTEXT    ED_MAXDELIVERIES,134,53,34,12,ES_RIGHT |
ES_NUMBER,
                WS_EX_RTLREADING
    EDITTEXT    ED_MAXCONNECTION,134,67,34,12,ES_RIGHT | ES_NUMBER,
                WS_EX_RTLREADING
    CONTROL
    "None",IDC_TM_NONE,"Button",BS_AUTORADIOBUTTON|
                WS_GROUP | WS_TABSTOP,43,100,33,10
    CONTROL
    "COM",IDC_TM_MTS,"Button",BS_AUTORADIOBUTTON|
                WS_TABSTOP,43,113,32,10
    CONTROL
    "TUXEDO",IDC_TM_TUXEDO,"Button",BS_AUTORADIOBUTTO
N |
                WS_TABSTOP,106,100,46,10
    CONTROL
    "ENCINA",IDC_TM_ENCINA,"Button",BS_AUTORADIOBUTTON
|

```

```

        WS_DISABLED| WS_TABSTOP,106,113,43,10
    EDITTEXT
ED_DB_SERVER,270,89,67,12,ES_AUTOHSCROLL
    EDITTEXT
ED_DB_USER_ID,270,103,67,12,ES_AUTOHSCROLL
    EDITTEXT
ED_DB_PASSWORD,270,114,67,12,ES_AUTOHSCROLL
    EDITTEXT
ED_DB_NAME,270,127,67,12,ES_AUTOHSCROLL
    CONTROL
"DBLIB",IDC_DBLIB,"Button",BS_AUTORADIOBUTTON|
WS_GROUP|
        WS_TABSTOP,214,164,39,12
    CONTROL
"ODBC",IDC_ODBC,"Button",BS_AUTORADIOBUTTON|
WS_TABSTOP,
        259,164,39,12
    EDITTEXT
ED_IIS_MAX_THREAD_POOL_LIMIT,127,148,41,12,ES_RIGHT|
        ES_NUMBER,WS_EX_RTREADING
    EDITTEXT

ED_WEB_SERVICE_BACKLOG_QUEUE_SIZE,127,162,41,12,ES_
RIGHT|
        ES_NUMBER,WS_EX_RTREADING
    EDITTEXT
ED_IIS_THREAD_TIMEOUT,127,178,41,12,ES_RIGHT|
ES_NUMBER,
        WS_EX_RTREADING
    EDITTEXT
ED_IIS_LISTEN_BACKLOG,127,193,41,12,ES_RIGHT|
ES_NUMBER,
        WS_EX_RTREADING
    DEFPUSHBUTTON "OK",IDOK,115,233,50,14
    PUSHBUTTON "Cancel",IDCANCEL,181,233,50,14
    EDITTEXT IDC_PATH,76,20,92,13,ES_AUTOHSCROLL|
ES_READONLY
    LTEXT "Number of Delivery
Threads:",IDC_STATIC,29,39,93,8
    LTEXT "Max Number of
Connections:",IDC_STATIC,29,67,93,8
    RTEXT "Version 4.22",IDC_VERSION,302,4,45,9
    LTEXT "IIS Max Thread Pool
Limit:",IDC_STATIC,36,148,86,12
    LTEXT "Web Service Backlog Queue
Size:",IDC_STATIC,35,159,76,
        15
    LTEXT "IIS Thread Timeout
(seconds):",IDC_STATIC,36,177,83,17
    LTEXT "IIS Listen Backlog:",IDC_STATIC,35,196,73,10
    GROUPBOX "Database
Interface",IDC_STATIC,192,151,146,27,WS_GROUP
    LTEXT "Installation directory:",IDC_STATIC,29,20,39,16
    GROUPBOX "Transaction
Monitor",IDC_STATIC,22,90,146,37
    LTEXT "Server Name:",IDC_STATIC,200,92,56,8
    LTEXT "User ID:",IDC_STATIC,200,105,60,8
    LTEXT "User Password:",IDC_STATIC,200,119,57,8
    LTEXT "Database Name:",IDC_STATIC,200,130,54,8
    GROUPBOX "SQL Server Connection
Properties",IDC_STATIC,192,69,150,
        116
    GROUPBOX "Web Client
Properties",IDC_STATIC,22,11,146,116
    GROUPBOX "IIS Settings",IDC_STATIC,22,132,146,79
    LTEXT "Max Pending Deliveries:",IDC_STATIC,29,53,80,8
END

```

```

IDD_DIALOG2DIALOGEX 0, 0, 117, 62
STYLE DS_SETFOREGROUND| DS_3DLOOK| DS_CENTER|
WS_POPUP| WS_BORDER
EXSTYLE WS_EX_STATICEDGE
FONT 12, "MS Sans Serif", 0, 0, 0x1
BEGIN
    DEFPUSHBUTTON "OK",IDOK,33,45,50,9
    CTEXT "HTML TPC-C Installation
Successful",IDC_RESULTS,7,22,
        102,18,0,WS_EX_CLIENTEDGE
    ICON
IDI_ICON2,IDC_STATIC,50,7,18,20,SS_REALSIZEIMAGE,
        WS_EX_TRANSPARENT
END

IDD_DIALOG3DIALOG DISCARDABLE 0, 0, 91, 40
STYLE DS_SYSMODAL| DS_MODALFRAME| DS_3DLOOK|
DS_CENTER| WS_CAPTION
CAPTION "Installing TPC-C Web Client"
FONT 12, "Arial Black"
BEGIN
    CONTROL
"Progress1",IDC_PROGRESS1,"msctls_progress32",WS_BORDER,
        7,20,77,13
    CTEXT "Static",IDC_STATUS,7,7,77,12,SS_SUNKEN
END

IDD_DIALOG4DIALOG DISCARDABLE 0, 0, 291, 202
STYLE DS_MODALFRAME| DS_CENTER| WS_POPUP|
WS_CAPTION| WS_SYSMENU
CAPTION "Client End User License"
FONT 8, "MS Sans Serif"
BEGIN
    EDITTEXT IDC_LICENSE,7,7,271,167,ES_MULTILINE|
ES_AUTOVSCROLL|
        ES_AUTOHSCROLL| ES_READONLY|
WS_VSCROLL| WS_HSCROLL
    DEFPUSHBUTTON "I & Agree",IDOK,87,181,50,14
    PUSHBUTTON "&Cancel",IDCANCEL,153,181,50,14
END

////////////////////////////////////
//
// DESIGNINFO
//

#ifdef APSTUDIO_INVOKED
GUIDELINES DESIGNINFO DISCARDABLE
BEGIN
    IDD_DIALOG1, DIALOG
    BEGIN
        LEFTMARGIN, 22
        RIGHTMARGIN, 347
        VERTGUIDE, 29
        VERTGUIDE, 168
        VERTGUIDE, 179
        VERTGUIDE, 342
        TOPMARGIN, 4
        BOTTOMMARGIN, 249
    END

    IDD_DIALOG2, DIALOG
    BEGIN
        LEFTMARGIN, 7
        RIGHTMARGIN, 109
        TOPMARGIN, 7
        BOTTOMMARGIN, 54
    END

```

```

END

IDD_DIALOG3, DIALOG
BEGIN
    LEFTMARGIN, 7
    RIGHTMARGIN, 84
    TOPMARGIN, 7
    BOTTOMMARGIN, 33
END

IDD_DIALOG4, DIALOG
BEGIN
    LEFTMARGIN, 7
    RIGHTMARGIN, 278
    TOPMARGIN, 7
    BOTTOMMARGIN, 195
END
END
#endif // APSTUDIO_INVOKED

#ifdef APSTUDIO_INVOKED
////////////////////////////////////
//
// TEXTINCLUDE
//

1 TEXTINCLUDE DISCARDABLE
BEGIN
    "resource.h\0"
END

2 TEXTINCLUDE DISCARDABLE
BEGIN
    "#include ""afxres.h""\r\n"
    "\0"
END

3 TEXTINCLUDE DISCARDABLE
BEGIN
    "\r\n"
    "\0"
END

#endif // APSTUDIO_INVOKED

////////////////////////////////////
//
// Icon
//

// Icon with lowest ID value placed first to ensure application icon
// remains consistent on all systems.
IDI_ICON1      ICON  DISCARDABLE  "icon1.ico"
IDI_ICON2      ICON  DISCARDABLE  "icon2.ico"

////////////////////////////////////
//
// TPCCDLL
//

#ifdef _DEBUG
IDR_TPCCDLL    TPCCDLL DISCARDABLE
"..\\..\isapi_dll\bin\debug\tpcc.dll"
#else
IDR_TPCCDLL    TPCCDLL DISCARDABLE
"..\\..\isapi_dll\bin\release\tpcc.dll"

```

```

#endif

#ifndef _MAC
////////////////////////////////////
//
// Version
//

VS_VERSION_INFO VERSIONINFO
FILEVERSION 0,4,22,0
PRODUCTVERSION 0,4,22,0
FILEFLAGSMASK 0x3fL
#ifdef _DEBUG
FILEFLAGS 0x1L
#else
FILEFLAGS 0x0L
#endif
FILEOS 0x40004L
FILETYPE 0x1L
FILESUBTYPE 0x0L
BEGIN
    BLOCK "StringFileInfo"
    BEGIN
        BLOCK "040904b0"
        BEGIN
            VALUE "Comments", "TPC-C Web Client Installer\0"
            VALUE "CompanyName", "Microsoft\0"
            VALUE "FileDescription", "install\0"
            VALUE "FileVersion", "0, 4, 30, 0\0"
            VALUE "InternalName", "install\0"
            VALUE "LegalCopyright", "Copyright © 2001\0"
            VALUE "LegalTrademarks", "\0"
            VALUE "OriginalFilename", "install.exe\0"
            VALUE "PrivateBuild", "\0"
            VALUE "ProductName", "Microsoft install\0"
            VALUE "ProductVersion", "0, 4, 30, 0\0"
            VALUE "SpecialBuild", "\0"
        END
    END
    BLOCK "VarFileInfo"
    BEGIN
        VALUE "Translation", 0x409, 1200
    END
END

#endif // !_MAC

////////////////////////////////////
//
// LICENSE
//

IDR_LICENSE1    LICENSE DISCARDABLE  "license.txt"

////////////////////////////////////
//
// DBLIB_DLL
//

#ifdef _DEBUG
IDR_DBLIB_DLL    DBLIB_DLL DISCARDABLE
"..\\..\db_dblib_dll\bin\debug\tpcc_dblib.dll"
#else
IDR_DBLIB_DLL    DBLIB_DLL DISCARDABLE
"..\\..\db_dblib_dll\bin\release\tpcc_dblib.dll"
#endif

```

```

////////////////////////////////////
//
// ODBC_DLL
//

#ifdef _DEBUG
IDR_ODBC_DLL      ODBC_DLL DISCARDABLE
"..\\..\\db_odbc_dll\\bin\\debug\\tpcc_odbc.dll"
#else
IDR_ODBC_DLL      ODBC_DLL DISCARDABLE
"..\\..\\db_odbc_dll\\bin\\release\\tpcc_odbc.dll"
#endif

////////////////////////////////////
//
// TUXEDO_APP
//

IDR_TUXEDO_APP    TUXEDO_APP DISCARDABLE
"..\\..\\tuxapp\\bin\\tuxapp.exe"

////////////////////////////////////
//
// TUXEDO_DLL
//

IDR_TUXEDO_DLL    TUXEDO_DLL DISCARDABLE
"..\\..\\tm_tuxedo_dll\\bin\\tpcc_tuxedo.dll"

////////////////////////////////////
//
// COM_DLL
//

#ifdef _DEBUG
IDR_COM_DLL       COM_DLL DISCARDABLE
"..\\..\\tm_com_dll\\bin\\debug\\tpcc_com.dll"
#else
IDR_COM_DLL       COM_DLL DISCARDABLE
"..\\..\\tm_com_dll\\bin\\release\\tpcc_com.dll"
#endif

////////////////////////////////////
//
// COM_PS_DLL
//

#ifdef _DEBUG
IDR_COMPS_DLL     COM_PS_DLL DISCARDABLE
"..\\..\\tpcc_com_ps\\bin\\debug\\tpcc_com_ps.dll"
#else
IDR_COMPS_DLL     COM_PS_DLL DISCARDABLE
"..\\..\\tpcc_com_ps\\bin\\release\\tpcc_com_ps.dll"
#endif

////////////////////////////////////
//
// COM_ALL_DLL
//

#ifdef _DEBUG
IDR_COMALL_DLL    COM_ALL_DLL DISCARDABLE
"..\\..\\tpcc_com_all\\bin\\debug\\tpcc_com_all.dll"
#else
IDR_COMALL_DLL    COM_ALL_DLL DISCARDABLE
"..\\..\\tpcc_com_all\\bin\\release\\tpcc_com_all.dll"
#endif

```

```

////////////////////////////////////
//
// COM_TYPLIB
//

IDR_COMTYPLIB_DLL  COM_TYPLIB DISCARDABLE
"..\\..\\tpcc_com_all\\src\\tpcc_com_all.tlb"

////////////////////////////////////
//
// COM_REMOTE_DLL
//

#ifdef _DEBUG
IDR_REMOTE_DLL    COM_REMOTE_DLL DISCARDABLE
"..\\..\\tpcc_com_remote\\bin\\debug\\tpcc_com_remote.dll"
#else
IDR_REMOTE_DLL    COM_REMOTE_DLL DISCARDABLE
"..\\..\\tpcc_com_remote\\bin\\release\\tpcc_com_remote.dll"
#endif

////////////////////////////////////
//
// COM_REMYPLIB
//

IDR_COMREMYPLIB_DLL  COM_REMYPLIB
DISCARDABLE "..\\..\\tpcc_com_remote\\src\\tpcc_com_remote.tlb"

////////////////////////////////////
//
// COM_REMPS_DLL
//

#ifdef _DEBUG
IDR_COMREMPS_DLL  COM_REMPS_DLL DISCARDABLE
"..\\..\\tpcc_com_remote_ps\\bin\\debug\\tpcc_com_remote_ps.dll"
#else
IDR_COMREMPS_DLL  COM_REMPS_DLL DISCARDABLE
"..\\..\\tpcc_com_remote_ps\\bin\\release\\tpcc_com_remote_ps.dll"
#endif

#endif // English (U.S.) resources
////////////////////////////////////

#ifdef APSTUDIO_INVOKED
////////////////////////////////////
//
// Generated from the TEXTINCLUDE3 resource.
//

////////////////////////////////////
#endif // not APSTUDIO_INVOKED

install_com.cpp

/*      FILE:          INSTALL_COM.CPP
 *
 *      4,20,000
 *
 *      Copyright Microsoft,
 *      1999
 *
 *      All Rights Reserved

```



```

*
*                                     not audited
*
*   PURPOSE:           installation code for COM
application for TPC-C Web Kit
*   Contact:   Charles Levine (clevine@microsoft.com)
*
* Change history:
*   4.20.000 - first version
*/

#define _WIN32_WINNT 0x0500

#include <comdef.h>
#include <comadmin.h>
#include <stdio.h>
#include <tchar.h>

extern "C"
{
    BOOL install_com(char *szDllPath);
}

BOOL install_com(char *szDllPath)
{
    ICOMAdminCatalog*      pCOMAdminCat =
NULL;
    ICatalogCollection*    pCatalogCollectionApp = NULL;
    ICatalogCollection*    pCatalogCollectionCo = NULL;
    ICatalogCollection*    pCatalogCollectionItf = NULL;
    ICatalogCollection*    pCatalogCollectionMethod = NULL;

    ICatalogObject*        pCatalogObjectApp =
NULL;
    ICatalogObject*        pCatalogObjectCo =
NULL;
    ICatalogObject*        pCatalogObjectItf =
NULL;
    ICatalogObject*        pCatalogObjectMethod =
NULL;

    _bstr_t                 bstrTemp,
bstrTemp2, bstrTemp3, bstrTemp4,
bstrTemp5, bstrTemp6, bstrTemp7;
    _bstr_t                 bstrDllPath =
szDllPath;
    _variant_t              vTmp, vKey;
    long                    lActProp,
ICount, ICountCo, ICountItf, ICountMethod;
    bool                    bTmp;
    bool
bRemote=FALSE;

    CoInitializeEx(NULL, COINIT_MULTITHREADED);

    HRESULT hr =
CoCreateInstance(CLSID_COMAdminCatalog,

        NULL,

        CLSCTX_INPROC_SERVER,

        IID_ICOMAdminCatalog,

        (void**) &pCOMAdminCat);

    if (!SUCCEEDED(hr)) goto Error;

```

```

bstrTemp = "Applications";

// Attempt to connect to "Applications" in the Catalog
hr = pCOMAdminCat->GetCollection(bstrTemp,

        (IDispatch**) &pCatalogCollectionApp);
if (!SUCCEEDED(hr)) goto Error;

// Attempt to load the "Applications" collection
hr = pCatalogCollectionApp->Populate();
if (!SUCCEEDED(hr)) goto Error;

hr = pCatalogCollectionApp->get_Count(&lCount);
if (!SUCCEEDED(hr)) goto Error;

// iterate through applications to delete existing "TPC-C"
application (if any)
while (lCount > 0)
{
    hr = pCatalogCollectionApp->get_Item(lCount -
1, (IDispatch**) &pCatalogObjectApp);
    if (!SUCCEEDED(hr)) goto Error;

    hr = pCatalogObjectApp->get_Name(&vTmp);
    if (!SUCCEEDED(hr)) goto Error;

    if (wcsncmp(vTmp.bstrVal, L"TPC-C"))
    {
        lCount--;
        continue;
    }
    else
    {
        hr =
pCatalogCollectionApp->Remove(lCount - 1);
        if (!SUCCEEDED(hr)) goto Error;
        break;
    }
}

hr = pCatalogCollectionApp->SaveChanges(&lActProp);
if (!SUCCEEDED(hr)) goto Error;

// add the new application
hr = pCatalogCollectionApp->Add((IDispatch**)
&pCatalogObjectApp);
if (!SUCCEEDED(hr)) goto Error;

// set properties
bstrTemp = "Name";
vTmp = "TPC-C";
hr = pCatalogObjectApp->put_Value(bstrTemp, vTmp);
if (!SUCCEEDED(hr)) goto Error;

// set as a library (in process) application
bstrTemp = "Activation";
lActProp = COMAdminActivationInproc;
vTmp = lActProp;
hr = pCatalogObjectApp->put_Value(bstrTemp, vTmp);
if (!SUCCEEDED(hr)) goto Error;

// set security level to process
bstrTemp = "AccessChecksLevel";
lActProp = COMAdminAccessChecksApplicationLevel;
vTmp = lActProp;
hr = pCatalogObjectApp->put_Value(bstrTemp, vTmp);
if (!SUCCEEDED(hr)) goto Error;

```

```

// save key to get the Components collection later
hr = pCatalogObjectApp->get_Key(&vKey);
if (!SUCCEEDED(hr)) goto Error;

// save changes (app creation) so component installation
will work
hr = pCatalogCollectionApp->SaveChanges(&lActProp);
if (!SUCCEEDED(hr)) goto Error;

pCatalogObjectApp->Release();
pCatalogObjectApp = NULL;

bstrTemp = "TPC-C";
// app name
bstrTemp2 = bstrDllPath + "tpcc_com_all.dll";
// DLL
bstrTemp3 = bstrDllPath + "tpcc_com_all.tlb";
// type library
(TLB)
bstrTemp4 = bstrDllPath + "tpcc_com_ps.dll";
// proxy/stub dll
bstrTemp2 = bstrDllPath +
"tpcc_com_all.dll"; // DLL
bstrTemp5 = bstrDllPath + "tpcc_com_remote.dll";
bstrTemp6 = bstrDllPath + "tpcc_com_remote.tlb";
bstrTemp7 = bstrDllPath + "tpcc_com_remote_ps.dll";

hr = pCOMAdminCat->InstallComponent(bstrTemp,
bstrTemp2,
bstrTemp3,
bstrTemp4);
if (!SUCCEEDED(hr)) goto Error;

hr = pCOMAdminCat->InstallComponent(bstrTemp,
bstrTemp5,
bstrTemp6,
bstrTemp7);
if (!SUCCEEDED(hr)) goto Error;

bstrTemp = "Components";
hr = pCatalogCollectionApp->GetCollection(bstrTemp,
vKey, (IDispatch**) &pCatalogCollectionCo);
if (!SUCCEEDED(hr)) goto Error;

hr = pCatalogCollectionCo->Populate();
if (!SUCCEEDED(hr)) goto Error;

hr = pCatalogCollectionCo->get_Count(&lCountCo);
if (!SUCCEEDED(hr)) goto Error;

// iterate through components in application and set the
properties
while (lCountCo > 0)
{
hr = pCatalogCollectionCo->get_Item(lCountCo
- 1, (IDispatch**) &pCatalogObjectCo);
if (!SUCCEEDED(hr)) goto Error;

// used for debugging (view the name)
hr = pCatalogObjectCo->get_Name(&vTmp);
if (!SUCCEEDED(hr)) goto Error;

```

```

if
(!wcsncmp(vTmp.bstrVal.L"TPCC.AllRemoteTxns.1"))
bRemote=TRUE;
else
bRemote=FALSE;

bstrTemp = "ConstructionEnabled";
bTmp = TRUE;
vTmp = bTmp;
hr = pCatalogObjectCo->put_Value(bstrTemp,
vTmp);

if (!SUCCEEDED(hr)) goto Error;

bstrTemp = "ConstructorString";
bstrTemp2 = "dummy string (do not remove)";
vTmp = bstrTemp2;
hr = pCatalogObjectCo->put_Value(bstrTemp,
vTmp);

if (!SUCCEEDED(hr)) goto Error;

bstrTemp = "JustInTimeActivation";
bTmp = TRUE;
vTmp = bTmp;
hr = pCatalogObjectCo->put_Value(bstrTemp,
vTmp);

if (!SUCCEEDED(hr)) goto Error;

bstrTemp = "MaxPoolSize";
vTmp.Clear(); // clear variant so it isn't
stored as a bool (_variant_t feature)
if (!bRemote)
{
vTmp = (long)30;
}
else
{
vTmp = (long)5;
}

hr = pCatalogObjectCo->put_Value(bstrTemp,
vTmp);

if (!SUCCEEDED(hr)) goto Error;

bstrTemp = "CreationTimeout";
vTmp.Clear(); // clear variant so it isn't
stored as a bool (_variant_t feature)
vTmp = (long)300000;
hr = pCatalogObjectCo->put_Value(bstrTemp,
vTmp);

if (!SUCCEEDED(hr))
{
goto Error;
}

bstrTemp = "MinPoolSize";
vTmp.Clear(); // clear variant so it isn't
stored as a bool (_variant_t feature)
if (!bRemote)
{
vTmp = (long)1;
}
else
{
vTmp = (long)1;
}

hr = pCatalogObjectCo->put_Value(bstrTemp,
vTmp);

```

```

        if (!SUCCEEDED(hr))
        {
            goto Error;
        }

        bstrTemp = "ObjectPoolingEnabled";
        vTmp.Clear(); // clear variant so it isn't
stored as a bool (_variant_t feature)
        bTmp = TRUE;
        vTmp = bTmp;
vTmp);
        hr = pCatalogObjectCo->put_Value(bstrTemp,

        if (!SUCCEEDED(hr)) goto Error;

        bstrTemp = "EventTrackingEnabled";
        vTmp.Clear();
        bTmp = FALSE;
        vTmp = bTmp;
vTmp);
        hr = pCatalogObjectCo->put_Value(bstrTemp,

        if (!SUCCEEDED(hr))
        {
            goto Error;
        }

        // save key to get the InterfacesForComponent
collection
        hr = pCatalogObjectCo->get_Key(&vKey);
        if (!SUCCEEDED(hr)) goto Error;

        bstrTemp = "InterfacesForComponent";
        hr =
pCatalogCollectionCo->GetCollection(bstrTemp, vKey, (IDispatch**)
&pCatalogCollectionItf);
        if (!SUCCEEDED(hr)) goto Error;

        hr = pCatalogCollectionItf->Populate();
        if (!SUCCEEDED(hr)) goto Error;

        hr =
pCatalogCollectionItf->get_Count(&lCountItf);
        if (!SUCCEEDED(hr)) goto Error;

        // iterate through interfaces in component
        while (lCountItf > 0)
        {
            hr =
pCatalogCollectionItf->get_Item(lCountItf - 1, (IDispatch**)
&pCatalogObjectItf);
            if (!SUCCEEDED(hr)) goto Error;

            // save key to get the
MethodsForInterface collection
            hr =
pCatalogObjectItf->get_Key(&vKey);
            if (!SUCCEEDED(hr)) goto Error;

            bstrTemp = "MethodsForInterface";
            hr =
pCatalogCollectionItf->GetCollection(bstrTemp, vKey, (IDispatch**)
&pCatalogCollectionMethod);
            if (!SUCCEEDED(hr)) goto Error;

            hr =
pCatalogCollectionMethod->Populate();
            if (!SUCCEEDED(hr)) goto Error;

```

```

        hr =
pCatalogCollectionMethod->get_Count(&lCountMethod);
        if (!SUCCEEDED(hr)) goto Error;

        // iterate through methods of interface
        while (lCountMethod > 0)
        {
            hr =
pCatalogCollectionMethod->get_Item(lCountMethod - 1,
(IDispatch**) &pCatalogObjectMethod);
            if (!SUCCEEDED(hr))
goto Error;

            bstrTemp =
"AutoComplete";
            vTmp.Clear(); //
clear variant so it isn't stored as a bool (_variant_t feature)

            bTmp = TRUE;
            vTmp = bTmp;
            hr =
pCatalogObjectMethod->put_Value(bstrTemp, vTmp);
            if (!SUCCEEDED(hr))
            {
                goto Error;
            }

            pCatalogObjectMethod->Release();
            pCatalogObjectMethod =
NULL;

            lCountMethod--;
        }

        // save changes
        hr =
pCatalogCollectionMethod->SaveChanges(&lActProp);
        if (!SUCCEEDED(hr)) goto Error;

        pCatalogObjectItf->Release();
        pCatalogObjectItf = NULL;

        lCountItf--;
    }

    pCatalogObjectCo->Release();
    pCatalogObjectCo = NULL;

    lCountCo--;
}

// save changes
hr = pCatalogCollectionCo->SaveChanges(&lActProp);
if (!SUCCEEDED(hr)) goto Error;

pCatalogCollectionApp->Release();
pCatalogCollectionApp = NULL;

pCatalogCollectionCo->Release();
pCatalogCollectionCo = NULL;

pCatalogCollectionItf->Release();
pCatalogCollectionItf = NULL;

```

```

    pCatalogCollectionMethod->Release();
    pCatalogCollectionMethod = NULL;

Error:
    CoUninitialize();

    if (!SUCCEEDED(hr))
    {
        LPTSTR lpBuf;
        DWORD dwRes =
FormatMessage(FORMAT_MESSAGE_ALLOCATE_BUFFER|
FORMAT_MESSAGE_FROM_SYSTEM,

        NULL,

        hr,

        MAKELANGID(LANG_NEUTRAL,
        SUBLANG_DEFAULT),

        (LPTSTR) &lpBuf,

        0,

        NULL);
//
        _tprintf(_T("Error adding components.
HRESULT: 0x%x\n%s"), hr, lpBuf);
        return TRUE;
    }
    else
        return FALSE;
}

```

install_resource.h

```

//{{NO_DEPENDENCIES}}
// Microsoft Developer Studio generated include file.
// Used by install.rc
//
#define IDD_DIALOG1 101
#define IDI_ICON1 102
#define IDR_TPCCDLL 103
#define IDD_DIALOG2 105
#define IDI_ICON2 106
#define IDR_DELIVERY 107
#define IDD_DIALOG3 108
#define IDR_LICENSE1 112
#define IDD_DIALOG4 113
#define IDR_TPCCOBJ1 117
#define IDR_TPCCSTUB1 118
#define IDR_DBLIB_DLL 122
#define IDR_ODBC_DLL 123
#define IDR_TUXEDO_APP 124
#define IDR_TUXEDO_DLL 125
#define IDR_COM_DLL 126
#define IDR_COMPS_DLL 127
#define IDR_COMALL_DLL 128
#define IDR_COMTYPLIB_DLL 129
#define IDR_REMOTE_DLL 131
#define IDR_COMREMTYPLIB_DLL 132
#define IDR_COMREMPS_DLL 133
#define BN_LOG 1001
#define ED_KEEP 1002
#define ED_THREADS 1003
#define ED_THREADS2 1004

```

```

#define IDC_PATH 1007
#define IDC_VERSION 1009
#define IDC_RESULTS 1010
#define IDC_PROGRESS1 1011
#define IDC_STATUS 1012
#define IDC_BUTTON1 1013
#define ED_MAXCONNECTION 1014
#define ED_IIS_MAX_THREAD_POOL_LIMIT 1015
#define ED_MAXDELIVERIES 1016
#define ED_WEB_SERVICE_BACKLOG_QUEUE_SIZE 1017
#define ED_IIS_THREAD_TIMEOUT 1018
#define ED_IIS_LISTEN_BACKLOG 1019
#define ED_MAXWAREHOUSES 1020
#define IDC_DBLIB 1021
#define IDC_LICENSE 1022
#define IDC_ODBC 1022
#define IDC_CONNECT_POOL 1023
#define ED_DB_SERVER 1023
#define ED_USER_CONNECT_DELAY_TIME 1024
#define ED_DB_USER_ID 1024
#define IDC_MTS 1025
#define IDC_TM_MTS 1025
#define IDC_TM_TUXEDO 1026
#define IDC_TM_NONE 1027
#define ED_DB_PASSWORD 1028
#define ED_DB_NAME 1029
#define IDC_TM_ENCINA 1030
#define ED_WAREHOUSE_PATH 1032

// Next default values for new objects
//
#ifdef APSTUDIO_INVOKED
#ifndef APSTUDIO_READONLY_SYMBOLS
#define _APS_NEXT_RESOURCE_VALUE 134
#define _APS_NEXT_COMMAND_VALUE 40001
#define _APS_NEXT_CONTROL_VALUE 1032
#define _APS_NEXT_SYMED_VALUE 101
#endif
#endif

```

isapi_dll_resource.h

```

//{{NO_DEPENDENCIES}}
// Microsoft Developer Studio generated include file.
// Used by tpcc.rc
//
#define IDD_DIALOG1 101

// Next default values for new objects
//
#ifdef APSTUDIO_INVOKED
#ifndef APSTUDIO_READONLY_SYMBOLS
#define _APS_NEXT_RESOURCE_VALUE 102
#define _APS_NEXT_COMMAND_VALUE 40001
#define _APS_NEXT_CONTROL_VALUE 1000
#define _APS_NEXT_SYMED_VALUE 101
#endif
#endif

```

license.txt

```

END-USER LICENSE AGREEMENT FOR
MICROSOFT TPC-C BENCHMARK KIT

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```

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methods.h

```
/* FILE: METHODS.H
 * Microsoft TPC-C Kit Ver.
4.20.000
 * Copyright Microsoft,
1999
 * All Rights Reserved
 *
 * not yet audited
 *
 * PURPOSE: Header file for COM components.
 *
 * Change history:
 * 4.20.000 - first version
 */
```

```
enum COMPONENT_ERROR
{
    ERR_MISSING_REGISTRY_ENTRIES = 1,
```

```
    ERR_LOADDLL_FAILED,
    ERR_GETPROCADDR_FAILED,
    ERR_UNKNOWN_DB_PROTOCOL
};

class CCOMPONENT_ERR : public CBaseErr
{
public:
    CCOMPONENT_ERR(COMPONENT_ERROR
Err)
    {
        m_Error = Err;
        m_szTextDetail = NULL;
        m_SystemErr = 0;
        m_szErrorText = NULL;
    };

    CCOMPONENT_ERR(COMPONENT_ERROR
Err, char *szTextDetail, DWORD dwSystemErr)
    {
        m_Error = Err;
        m_szTextDetail = new
char[strlen(szTextDetail)+1];
        strcpy( m_szTextDetail, szTextDetail
);
        m_SystemErr = dwSystemErr;
        m_szErrorText = NULL;
    };

    ~CCOMPONENT_ERR()
    {
        if (m_szTextDetail != NULL)
            delete [] m_szTextDetail;
        if (m_szErrorText != NULL)
            delete [] m_szErrorText;
    };

    COMPONENT_ERROR m_Error;
    char
    *m_szTextDetail;
    char
    *m_szErrorText;
    DWORD m_SystemErr;

    int ErrorType() {return
ERR_TYPE_COMPONENT;};
    int ErrorNum() {return m_Error;};
    char *ErrorText();
};

static void WriteMessageToEventLog(LPTSTR lpszMsg);

////////////////////////////////////
// CTPCC_Common
class CTPCC_Common :
public ITPCC,
public IObjectControl,
public IObjectConstruct,
public CComObjectRootEx<CComSingleThreadModel>
{
public:
    BEGIN_COM_MAP(CTPCC_Common)
        COM_INTERFACE_ENTRY(ITPCC)
        COM_INTERFACE_ENTRY(IObjectControl)
        COM_INTERFACE_ENTRY(IObjectConstruct)
    END_COM_MAP()
};
```

```

        CTPCC_Common();
        ~CTPCC_Common();

// ITPCC
public:
    HRESULT __stdcall NewOrder(          VARIANT
    txn_in, VARIANT* txn_out);
    HRESULT __stdcall Payment(          VARIANT
    txn_in, VARIANT* txn_out);
    HRESULT __stdcall Delivery(        VARIANT
    txn_in) {return E_NOTIMPL;}
    HRESULT __stdcall StockLevel(VARIANT txn_in,
    VARIANT* txn_out);
    HRESULT __stdcall OrderStatus(     VARIANT
    txn_in, VARIANT* txn_out);

        HRESULT __stdcall CallSetComplete();

// IObjectControl
    STDMETHODIMP_(BOOL) CanBePooled() { return
    m_bCanBePooled; }
    STDMETHODIMP Activate() { return S_OK; } //
we don't support COM Services transactions (no enlistment)
    STDMETHODIMP_(void) Deactivate() { /* nothing to do
    */ }

// IObjectConstruct
    STDMETHODIMP Construct(IDispatch * pUnk);

// helper methods
private:
    BOOL          m_bCanBePooled;
    CTPCC_BASE   *m_pTxn;

    struct COM_DATA
    {
        int retval;
        int error;
        union
        {
            NEW_ORDER_DATA
            PAYMENT_DATA
            DELIVERY_DATA
            STOCK_LEVEL_DATA
            ORDER_STATUS_DATA
        } u;
    };

};

////////////////////////////////////
// CTPCC
class CTPCC :
    public CTPCC_Common,
    public CComCoClass<CTPCC, &CLSID_TPCC>
{
public:
    DECLARE_REGISTRY_RESOURCEID(IDR_TPCC)

    BEGIN_COM_MAP(CTPCC)
        COM_INTERFACE_ENTRY2(IUnknown,
        CComObjectRootEx)
    END_COM_MAP()
};

```

```

        COM_INTERFACE_ENTRY_CHAIN(CTPCC_Common)
    END_COM_MAP()
};

////////////////////////////////////
// CNewOrder
class CNewOrder :
    public CTPCC_Common,
    public CComCoClass<CNewOrder, &CLSID_NewOrder>
{
public:
    DECLARE_REGISTRY_RESOURCEID(IDR_NEWORDER)

    BEGIN_COM_MAP(CNewOrder)
        COM_INTERFACE_ENTRY2(IUnknown,
        CComObjectRootEx)
        COM_INTERFACE_ENTRY_CHAIN(CTPCC_Common)
    END_COM_MAP()

// ITPCC
public:
//     HRESULT __stdcall NewOrder(          int* iSize,
    UCHAR** txn) {return E_NOTIMPL;}
    HRESULT __stdcall Payment(          VARIANT
    txn_in, VARIANT* txn_out) {return E_NOTIMPL;}
    HRESULT __stdcall StockLevel(VARIANT txn_in,
    VARIANT* txn_out) {return E_NOTIMPL;}
    HRESULT __stdcall OrderStatus(     VARIANT
    txn_in, VARIANT* txn_out) {return E_NOTIMPL;}
};

////////////////////////////////////
// COrderStatus
class COrderStatus :
    public CTPCC_Common,
    public CComCoClass<COrderStatus,
    &CLSID_OrderStatus>
{
public:
    DECLARE_REGISTRY_RESOURCEID(IDR_ORDERSTATUS)

    BEGIN_COM_MAP(COrderStatus)
        COM_INTERFACE_ENTRY2(IUnknown,
        CComObjectRootEx)
        COM_INTERFACE_ENTRY_CHAIN(CTPCC_Common)
    END_COM_MAP()

// ITPCC
public:
    HRESULT __stdcall NewOrder(VARIANT txn_in,
    VARIANT* txn_out) {return E_NOTIMPL;}
    HRESULT __stdcall Payment(VARIANT txn_in,
    VARIANT* txn_out) {return E_NOTIMPL;}
    HRESULT __stdcall StockLevel(VARIANT txn_in,
    VARIANT* txn_out) {return E_NOTIMPL;}
//     HRESULT __stdcall OrderStatus(          int* iSize,
    UCHAR** txn) {return E_NOTIMPL;}
};

////////////////////////////////////
// CPayment
class CPayment :
    public CTPCC_Common,
    public CComCoClass<CPayment, &CLSID_Payment>
};

```

```

{
public:
DECLARE_REGISTRY_RESOURCEID(IDR_PAYMENT)

BEGIN_COM_MAP(CPayment)
    COM_INTERFACE_ENTRY2(IUnknown,
    CComObjectRootEx)
    COM_INTERFACE_ENTRY_CHAIN(CTPCC_Common)
END_COM_MAP()

// ITPCC
public:
    HRESULT __stdcall NewOrder(VARIANT txn_in,
    VARIANT* txn_out) {return E_NOTIMPL;}
//    HRESULT __stdcall Payment(          int* iSize,
    UCHAR** txn) {return E_NOTIMPL;}
    HRESULT __stdcall StockLevel(VARIANT txn_in,
    VARIANT* txn_out) {return E_NOTIMPL;}
    HRESULT __stdcall OrderStatus(VARIANT txn_in,
    VARIANT* txn_out) {return E_NOTIMPL;}
};

////////////////////////////////////
// CStockLevel
class CStockLevel :
    public CTPCC_Common,
    public CComCoClass<CStockLevel, &CLSID_StockLevel>
{
public:
DECLARE_REGISTRY_RESOURCEID(IDR_STOCKLEVEL)

BEGIN_COM_MAP(CStockLevel)
    COM_INTERFACE_ENTRY2(IUnknown,
    CComObjectRootEx)
    COM_INTERFACE_ENTRY_CHAIN(CTPCC_Common)
END_COM_MAP()

// ITPCC
public:
    HRESULT __stdcall NewOrder(VARIANT txn_in,
    VARIANT* txn_out) {return E_NOTIMPL;}
    HRESULT __stdcall Payment(VARIANT txn_in,
    VARIANT* txn_out) {return E_NOTIMPL;}
//    HRESULT __stdcall StockLevel(int* iSize, UCHAR** txn)
    {return E_NOTIMPL;}
    HRESULT __stdcall OrderStatus(VARIANT txn_in,
    VARIANT* txn_out) {return E_NOTIMPL;}
};

```

ReadRegistry.cpp

```

/* FILE:          READREGISTRY.CPP
 *               Microsoft TPC-C Kit Ver.
4.20.000
 *               Copyright Microsoft,
1999
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 *
 *               not yet audited
 *
 * PURPOSE:      Implementation for TPC-C Tuxedo
class.
 * Contact:     Charles Levine (clevine@microsoft.com)
 *
 * Change history:

```

```

 *               4.20.000 - first version
 */

/* FUNCTION: ReadTPCCRegistrySettings
 *
 * PURPOSE:      This function reads the NT registry for startup
 *               parameters. There parameters are
 *               under the TPCC key.
 *
 * RETURNS      FALSE = no errors
 *               TRUE  = error reading registry
 */
BOOL ReadTPCCRegistrySettings( TPCCREGISTRYDATA *pReg )
{
    HKEY   hKey;
    DWORD  size;
    DWORD  type;
    DWORD  dwTmp;
    char   szTmp[256];

    if ( RegOpenKeyEx(HKEY_LOCAL_MACHINE,
    "SOFTWARE\\Microsoft\\TPCC", 0, KEY_READ, &hKey) !=
    ERROR_SUCCESS )
        return TRUE;

    // determine database protocol to use; may be either ODBC
    or DBLIB
    pReg->eDB_Protocol = Unspecified;
    size = sizeof(szTmp);
    if ( RegQueryValueEx(hKey, "DB_Protocol", 0, &type,
    (BYTE *)&szTmp, &size) == ERROR_SUCCESS )
    {
        if ( !strcmp(szTmp, szDBNames[ODBC]) )
            pReg->eDB_Protocol = ODBC;
        else if ( !strcmp(szTmp, szDBNames[DBLIB]) )
            pReg->eDB_Protocol = DBLIB;
    }

    pReg->eTxnMon = None;
    // determine txn monitor to use; may be either TUXEDO, or
    blank
    size = sizeof(szTmp);
    if ( RegQueryValueEx(hKey, "TxnMonitor", 0, &type,
    (BYTE *)&szTmp, &size) == ERROR_SUCCESS )
    {
        if ( !strcmp(szTmp,
    szTxnMonNames[TUXEDO]) )
            pReg->eTxnMon = TUXEDO;
        else if ( !strcmp(szTmp,
    szTxnMonNames[ENCINA]) )
            pReg->eTxnMon = ENCINA;
        else if ( !strcmp(szTmp,
    szTxnMonNames[COM]) )
            pReg->eTxnMon = COM;
    }

    pReg->bCOM_SinglePool = FALSE;
    size = sizeof(szTmp);
    if ( RegQueryValueEx(hKey, "COM_SinglePool", 0, &type,
    (BYTE *)&szTmp, &size) == ERROR_SUCCESS )
    {
        if ( !strcmp(szTmp, "YES") )
            pReg->bCOM_SinglePool = TRUE;
    }

    pReg->dwMaxConnections = 0;
    size = sizeof(dwTmp);

```



```

    if ( ( RegQueryValueEx(hKey, "MaxConnections", 0,
&type, (LPBYTE)&dwTmp, &size) == ERROR_SUCCESS )
        && (type == REG_DWORD) )
        pReg->dwMaxConnections = dwTmp;

    pReg->dwMaxPendingDeliveries = 0;
    size = sizeof(dwTmp);
    if ( ( RegQueryValueEx(hKey, "MaxPendingDeliveries", 0,
&type, (LPBYTE)&dwTmp, &size) == ERROR_SUCCESS )
        && (type == REG_DWORD) )
        pReg->dwMaxPendingDeliveries = dwTmp;

    pReg->dwNumberOfDeliveryThreads = 0;
    size = sizeof(dwTmp);
    if ( ( RegQueryValueEx(hKey,
"NumberOfDeliveryThreads", 0, &type, (LPBYTE)&dwTmp, &size)
== ERROR_SUCCESS )
        && (type == REG_DWORD) )
        pReg->dwNumberOfDeliveryThreads = dwTmp;

    size = sizeof( pReg->szPath );
    if ( RegQueryValueEx(hKey, "Path", 0, &type, (BYTE
*)&pReg->szPath, &size) != ERROR_SUCCESS )
        pReg->szPath[0] = 0;

    size = sizeof( pReg->szDbServer );
    if ( RegQueryValueEx(hKey, "DbServer", 0, &type, (BYTE
*)&pReg->szDbServer, &size) != ERROR_SUCCESS )
        pReg->szDbServer[0] = 0;

    size = sizeof( pReg->szDbName );
    if ( RegQueryValueEx(hKey, "DbName", 0, &type, (BYTE
*)&pReg->szDbName, &size) != ERROR_SUCCESS )
        pReg->szDbName[0] = 0;

    size = sizeof( pReg->szDbUser );
    if ( RegQueryValueEx(hKey, "DbUser", 0, &type, (BYTE
*)&pReg->szDbUser, &size) != ERROR_SUCCESS )
        pReg->szDbUser[0] = 0;

    size = sizeof( pReg->szDbPassword );
    if ( RegQueryValueEx(hKey, "DbPassword", 0, &type,
(BYTE *)&pReg->szDbPassword, &size) != ERROR_SUCCESS )
        pReg->szDbPassword[0] = 0;

    RegCloseKey(hKey);

    return FALSE;
}

```

ReadRegistry.h

```

/*      FILE:          ReadRegistry.h
*
4.22.000          Microsoft TPC-C Kit Ver.
*
*                  Copyright Microsoft,
2000
*
*                  All Rights Reserved
*
*                  not audited
*
*      PURPOSE:      Header for registry related code.
*
*      Change history:
*
*                  4.20.000 - first version
*/

```

```

enum DBPROTOCOL { Unspecified, ODBC, DBLIB };
const char *szDBNames[] = { "Unspecified", "ODBC", "DBLIB" };

enum TXNMON { None, TUXEDO, ENCINA, COM };
const char *szTxnMonNames[] = { "NONE", "TUXEDO", "ENCINA",
"COM" };

//This structure defines the data necessary to keep distinct for each
terminal or client connection.
typedef struct _TPCCREGISTRYDATA
{
    enum DBPROTOCOL eDB_Protocol;
    enum TXNMON eTxnMon;
    BOOL bCOM_SinglePool;
    DWORD dwMaxConnections;
    DWORD dwMaxPendingDeliveries;
    DWORD dwNumberOfDeliveryThreads;
    char szPath[128];
    char szDbServer[32];
    char szDbName[32];
    char szDbUser[32];
    char szDbPassword[32];
} TPCCREGISTRYDATA, *PTPCCREGISTRYDATA;

BOOL ReadTPCCRegistrySettings( TPCCREGISTRYDATA *pReg );

```

ReadWHouse.cpp

```

/*      FILE:          ReadWHouse.cpp
*
4.20.000          Microsoft TPC-C Kit Ver.
*
*                  Copyright Microsoft,
1999
*
*                  All Rights Reserved
*
*      PURPOSE:      define entry points for
ReadWHouse.cpp
*      Contact:      Sally Martin (sallym@microsoft.com)
*
*      Change history:
*
*                  4/25/00 - initial version
*/

#include <windows.h>
#include <stdio.h>

#include <assert.h>
#include <time.h>

#define DBNTWIN32
#include <sqltypes.h>
#include <sql.h>
#include <sqlext.h>
#include <odbcss.h>

#define SQLSUCCEEDED(rc) (rc == SQL_SUCCESS || rc ==
SQL_SUCCESS_WITH_INFO || rc == SQL_NO_DATA)

// forward decl of routine

```

```

static int ProcessError(SQLHANDLE henv, SQLHDBC hdbc,
SQLHSTMT hstmt);
static void WriteMessageToEventLog(LPTSTR lpszMsg);

// begin code

int GetWareHouseTable(void **ppWareHouseArray, // array of ints
int *piCount,
int
*piTotalWhs,
LPCSTR
szUser, // user name for login
LPCSTR
szPassword, // password for login
LPCSTR
szDSN // name of DSN to use
)
{
// this routine opens the local database and queries it for the
list
// of local warehouses
// it allocates space and builds an array of those warehouse
ids.
// first get the number of ids, and allocate the space required
// the second query gets the actual numbers
//SELECT W_ID FROM WAREHOUSE WHERE
NODENUMBER(W_ID)= CURRENT NODE ORDER BY W_ID
//SELECT COUNT (*) FROM WAREHOUSE WHERE
NODENUMBER(W_ID)= CURRENT NODE
// initialization
unsigned char szSQLStmt[1024];
RETCODE rc;
int
iNumWareHouses=0;
int iTTotalWhs=0;
int
iWareHouseNum=0;
int ii;
int *pArray =
NULL;
SQLHDBC hdbc =
SQL_NULL_HDBC;
SQLHSTMT hstmt =
SQL_NULL_HSTMT;
SQLHANDLE henv = 0;

rc=SQLSetEnvAttr(henv,
SQL_ATTR_CONNECTION_POOLING,
SQL_CP_OFF,
0);

if (!SQLSUCCEEDED(rc))
return ProcessError(henv,hdbc,hstmt);

if( SQLAllocEnv(&henv) != SQL_SUCCESS)
return ProcessError(henv,hdbc,hstmt);

if( SQLAllocConnect(henv, &hdbc) != SQL_SUCCESS)
return ProcessError(henv,hdbc,hstmt);

//
// Set AUTOCOMMIT OFF
//
if( SQLSetConnectOption(hdbc, SQL_AUTOCOMMIT,
SQL_AUTOCOMMIT_OFF) != SQL_SUCCESS)
return ProcessError(henv,hdbc,hstmt);

```

```

//
// set isolation
//
if ( SQLSetConnectAttr(hdbc,
SQL_ATTR_TXN_ISOLATION,
(SQLPOINTER)SQL_TXN_SERIALIZABLE,0) != SQL_SUCCESS )
return ProcessError(henv,hdbc,hstmt);

//
// Connect to db
//
{
char
szConnectStr[256];
char
szOutStr[1024];
SQLSMALLINT iOutStrLen;

sprintf( szConnectStr,
"UID=%s;PWD=%s;DSN=%s", szUser, szPassword, szDSN );

rc = SQLDriverConnect(hdbc, NULL,
(SQLCHAR*)szConnectStr, sizeof(szConnectStr),
(SQLCHAR*)szOutStr,
sizeof(szOutStr), &iOutStrLen, SQL_DRIVER_NOPROMPT );
if (rc != SQL_SUCCESS && rc !=
SQL_SUCCESS_WITH_INFO)
return ProcessError(henv,hdbc,hstmt);

}

// find out how large the array needs to be

rc = SQLAllocStmt(hdbc, &hstmt);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);

// bind to the database
wsprintf((char *)szSQLStmt, "USE tpcc");
// exec the command
rc = SQLExecDirect(hstmt, szSQLStmt, SQL_NTS);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);

wsprintf((char *)szSQLStmt, "SELECT COUNT (*) FROM
t_warehouse");

// bind the columns
rc = SQLBindCol(hstmt, 1, SQL_C_LONG,
&iNumWareHouses, 0, NULL);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);

// exec the command
rc = SQLExecDirect(hstmt, szSQLStmt, SQL_NTS);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);

rc = SQLFetch(hstmt);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);

SQLFreeStmt(hstmt, SQL_CLOSE);
if (!SQLSUCCEEDED(rc))

```

```

    {
        return ProcessError(henv,hdbc,hstmt);
    }

rc = SQLAllocStmt(hdbc, &hstmt);
if (!SQLSUCCEEDED(rc))
{
    return ProcessError(henv,hdbc,hstmt);
}

// get the total number of warehouses
wsprintf((char *)szSQLStmt, "SELECT MAX (w_id)
FROM warehouse");

// bind the columns
rc = SQLBindCol(hstmt, 1, SQL_C_LONG, &iTotalWhs, 0,
NULL);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);

// exec the command
rc = SQLExecDirect(hstmt, szSQLStmt, SQL_NTS);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);

rc = SQLFetch(hstmt);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);

SQLFreeStmt(hstmt, SQL_CLOSE);
if (!SQLSUCCEEDED(rc))
{
    return ProcessError(henv,hdbc,hstmt);
}

if (piTotalWhs)
    *piTotalWhs = iTotalWhs;

// allocate the array
pArray=(int *)malloc(iTotalWhs * sizeof(int));
*ppWarehouseArray = (void *)pArray;

// zero out array
memset ((void*)pArray,0,iTotalWhs);

// select the data and copy to the array
rc = SQLAllocStmt(hdbc, &hstmt);
if (!SQLSUCCEEDED(rc))
{
    free(pArray);
    *ppWarehouseArray = NULL;
    return ProcessError(henv,hdbc,hstmt);
}

wsprintf((char *)szSQLStmt,
"SELECT w_id FROM t_warehouse ORDER
BY w_id");

// bind the columns
rc = SQLBindCol(hstmt, 1, SQL_C_LONG,
&iWarehouseNum, 0, NULL);
if (!SQLSUCCEEDED(rc))
{
    free(pArray);

```

```

    *ppWarehouseArray = NULL;
    return ProcessError(henv,hdbc,hstmt);
}

// exec the command
rc = SQLExecDirect(hstmt, szSQLStmt, SQL_NTS);
if (!SQLSUCCEEDED(rc))
{
    free(pArray);
    *ppWarehouseArray = NULL;
    return ProcessError(henv,hdbc,hstmt);
}

// in a loop do the fetches
// loop around the result set using fetch
ii = 0;
while ((rc = SQLFetch(hstmt)) != SQL_NO_DATA)
{
    if (!SQLSUCCEEDED(rc))
    {
        free(pArray);
        *ppWarehouseArray = NULL;
        return ProcessError(henv,hdbc,hstmt);
    }
    pArray[ii] = iWarehouseNum;
    ii++;
}

if (!SQLSUCCEEDED(rc))
{
    free(pArray);
    *ppWarehouseArray = NULL;
    return ProcessError(henv,hdbc,hstmt);
}

*piCount = ii;

rc=SQLFreeStmt(hstmt, SQL_CLOSE);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);

// commit all transactions
rc = SQLEndTran(SQL_HANDLE_ENV,
henv,
SQL_COMMIT);

if (!SQLSUCCEEDED(rc))
{
    free(pArray);
    *ppWarehouseArray = NULL;
    return ProcessError(henv,hdbc,hstmt);
}

// cleanup

rc=SQLDisconnect(hdbc);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);
rc=SQLFreeHandle(SQL_HANDLE_DBC,hdbc);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);
rc=SQLFreeEnv(henv);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);

```

```

        return (ERROR_SUCCESS);
    }

static int ProcessError(SQLHANDLE henv, SQLHDBC hdbc,
SQLHSTMT hstmt)
{
    RETCODE          rc;
    SDWORD           lNativeError;
    char             szState[6];
    char
szMsg[SQL_MAX_MESSAGE_LENGTH];
    char
szTmp[6*SQL_MAX_MESSAGE_LENGTH];

    szTmp[0] = 0;
    while (TRUE)
    {
        rc = SQLError(henv, hdbc, hstmt, (BYTE
*)&szState, &lNativeError,
                                (BYTE
*)&szMsg, sizeof(szMsg), NULL);
        if (rc == SQL_NO_DATA)
            break;

        // quit if there isn't enough room to concatenate
error text
        if ( (strlen(szMsg) + 2) > (sizeof(szTmp) -
strlen(szTmp)) )
            break;

        // include line break after first error msg
        if (szTmp[0] != 0)
            strcat( szTmp, "\n");
        strcat( szTmp, szMsg );
    }

    if (strlen(szTmp) > 0)
    {
        WriteMessageToEventLog( szTmp );
    }

    // cleanup
    SQLFreeStmt(hstmt, SQL_CLOSE);
    SQLDisconnect(hdbc);
    SQLFreeHandle(SQL_HANDLE_DBC, hdbc);

    return (E_FAIL);
}

static void WriteMessageToEventLog(LPTSTR lpszMsg)
{
    TCHAR  szMsg[256];
    HANDLE hEventSource;
    LPTSTR lpszStrings[2];

    // Use event logging to log the error.
    //
    hEventSource = RegisterEventSource(NULL,
TEXT("TPCC.DLL"));

    sprintf(szMsg, TEXT("Error in ReadWHouse.DLL: "));
    lpszStrings[0] = szMsg;
    lpszStrings[1] = lpszMsg;

    if (hEventSource != NULL)
    {

```

```

        ReportEvent(hEventSource, // handle of event source
EVENTLOG_ERROR_TYPE, // event type
0, // event category
0, // event ID
NULL, // current user's SID
2, // strings in lpszStrings
0, // no bytes of raw data
(LPCTSTR *)lpszStrings, // array of error strings
NULL); // no raw data

        (VOID) DeregisterEventSource(hEventSource);
    }
}

```

ReadWHouse.h

```

/* FILE: ReadWHouse.h
* Microsoft TPC-C Kit Ver.
4.20.000
* Copyright Microsoft,
1999
* All Rights Reserved
*
* PURPOSE: define entry points for
ReadWHouse.cpp
* Contact: Sally Martin (sallym@microsoft.com)
*
* Change history:
* 4/25/00 - initial version
*/

int GetWareHouseTable(void **ppWareHouseArray, // array of ints
int *piCount,
int
*piTotalWhs,
LPCSTR
szUser, // user name for login
LPCSTR
szPassword, // password for login
LPCSTR
szDSN // name of DSN to use
);

```

rtetime.h

```

/* FILE: rtetime.h : header file
* Copyright 1997 Microsoft Corp., All rights reserved.
*
* Authors: Charles Levine, Philip Durr
* Microsoft Corp.
*/

#define MAX_JULIAN_TIME
0x7FFFFFFFFFFFFFFF
#define JULIAN_TIME __int64
#define TC_TIME DWORD
extern "C"
{
    BOOL InitJulianTime(LPSYSTEMTIME lpInitTime);
    JULIAN_TIME GetJulianTime(void);
    DWORD MyTickCount(void);
    void GetJulianAndTC(JULIAN_TIME *pJulian,
    DWORD *pTC);
    JULIAN_TIME ConvertTo64BitTime(int iYear, int iMonth, int
iDay, int iHour, int iMinute, int iSecond);
}

```

```

JULIAN_TIME      Get64BitTime(LPSYSTEMTIME lpInitTime);
int              JulianDay( int yr, int mm, int dd );
void            JulianToTime(JULIAN_TIME julianTS, int* yr,
int* mm, int* dd, int *hh, int *mi, int *ss );
void            JulianToCalendar( int day, int* yr, int* mm, int*
dd );
}

```

SetAuditTime.cpp

```

/*      FILE:          ReadWHouse.cpp
 *
 *      4.20.000
 *
 *      Copyright Microsoft,
 *
 *      1999
 *
 *      All Rights Reserved
 *
 *
 *      PURPOSE:       define entry points for
ReadWHouse.cpp
 *      Contact:      Sally Martin (sallym@microsoft.com)
 *
 *      Change history:
 *
 *      4/25/00 - initial version
 */

#include <windows.h>
#include <stdio.h>

#include <stdlib.h> // db2

#include <assert.h>
#include <time.h>

#define DBNTWIN32
#define DB2NT
#include <sql.h>

#include <sqlcli.h>
#include <sqlcli1.h>

#define DB2OUT "C:\\TMP\\" //db2
#include "sqlenv.h" //db2
#include "lval.h" //db2
#include "sqlca.h" //db2

#define SQLSUCCEEDED(rc) (rc == SQL_SUCCESS || rc ==
SQL_SUCCESS_WITH_INFO || rc == SQL_NO_DATA)

// forward decl of routine
static int ProcessError(SQLHANDLE henv, SQLHDBC hdbc,
SQLHSTMT hstmt);
static void WriteMessageToEventLog(LPTSTR lpszMsg);
void ConvertTime(TIMESTAMP_STRUCT *tsTime, __int64 iTime);
__int64 TPCC_GetTime(void);
int SetAuditTime( LPCSTR szUser, // user name
for login
LPCSTR
szPassword, // password for login
LPCSTR
szDSN // name of DSN to use
);
// begin code
int main(int argc, TCHAR* argv[])
{

```

```

SetAuditTime("tpcc","tpcc","tpcc");
}
int SetAuditTime( LPCSTR szUser, // user name
for login
LPCSTR
szPassword, // password for login
LPCSTR
szDSN // name of DSN to use
)
{
// this routine opens the local database and queries it for the
list
// of local warehouses
// it allocates space and builds an array of those warehouse
ids.
// first get the number of ids, and allocate the space required
// the second query gets the actual numbers
//SELECT W_ID FROM WAREHOUSE WHERE
NODENUMBER(W_ID)= CURRENT NODE ORDER BY W_ID
//SELECT COUNT (*) FROM WAREHOUSE WHERE
NODENUMBER(W_ID)= CURRENT NODE
// initialization
unsigned char szSQLStmt[1024];
RETCODE rc;
int *pArray =
NULL;
SQLHDBC hdbc =
SQL_NULL_HDBC;
SQLHSTMT hstmt =
SQL_NULL_HSTMT;
SQLHANDLE henv = 0;
TIMESTAMP_STRUCT tsTime1;
__int64 Auditdate_time;

rc=SQLSetEnvAttr(henv,
SQL_ATTR_CONNECTION_POOLING,
SQL_CP_OFF,
0);

if (!SQLSUCCEEDED(rc))
return ProcessError(henv,hdbc,hstmt);

if( SQLAllocEnv(&henv) != SQL_SUCCESS)
return ProcessError(henv,hdbc,hstmt);

if( SQLAllocConnect(henv, &hdbc) != SQL_SUCCESS)
return ProcessError(henv,hdbc,hstmt);

//
// Set AUTOCOMMIT OFF
//
if( SQLSetConnectOption(hdbc, SQL_AUTOCOMMIT,
SQL_AUTOCOMMIT_OFF) != SQL_SUCCESS)
return ProcessError(henv,hdbc,hstmt);

//
// set isolation
//
if ( SQLSetConnectAttr(hdbc,
SQL_ATTR_TXN_ISOLATION,
(SQLPOINTER)SQL_TXN_SERIALIZABLE,0) != SQL_SUCCESS )
return ProcessError(henv,hdbc,hstmt);

//
// Connect to db
//
{

```

```

char
szConnectStr[256];
char
szOutStr[1024];
SQLSMALLINT          iOutStrLen;

sprintf( szConnectStr,
"UID=%s;PWD=%s;DSN=%s", szUser, szPassword, szDSN );

rc = SQLDriverConnect(hdbc, NULL,
(SQLCHAR*)szConnectStr, sizeof(szConnectStr),
(SQLCHAR*)szOutStr,
sizeof(szOutStr), &iOutStrLen, SQL_DRIVER_NOPROMPT);
if (rc != SQL_SUCCESS && rc !=
SQL_SUCCESS_WITH_INFO)
return ProcessError(henv,hdbc,hstmt);

if ( SQLSetConnectOption(hdbc,
SQL_CURSOR_HOLD,SQL_CURSOR_HOLD_OFF) !=
SQL_SUCCESS)
return ProcessError(henv,hdbc,hstmt);
}

rc = SQLAllocStmt(hdbc, &hstmt);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);
wsprintf((char *)szSQLStmt, "DELETE FROM AUDIT");
// exec the command
rc = SQLExecDirect(hstmt, szSQLStmt, SQL_NTS);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);

SQLFreeStmt(hstmt, SQL_CLOSE);
if (!SQLSUCCEEDED(rc))
{
return ProcessError(henv,hdbc,hstmt);
}

rc = SQLAllocStmt(hdbc, &hstmt);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);

wsprintf((char *)szSQLStmt, "INSERT INTO AUDIT
VALUES (?");
Auditdate_time = TPCC_GetTime();
// convert the date
ConvertTime(&tsTime1,Auditdate_time);

// bind the columns
rc = SQLBindCol(hstmt, 1, SQL_C_UBIGINT, &tsTime1,
0, NULL);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);

// exec the command
rc = SQLExecDirect(hstmt, szSQLStmt, SQL_NTS);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);

SQLFreeStmt(hstmt, SQL_CLOSE);
if (!SQLSUCCEEDED(rc))
{
return ProcessError(henv,hdbc,hstmt);
}

```

```

}

// commit all transactions
rc = SQLEndTran(SQL_HANDLE_ENV,
henv,
SQL_COMMIT);

if (!SQLSUCCEEDED(rc))
{
return ProcessError(henv,hdbc,hstmt);
}

// cleanup

rc=SQLDisconnect(hdbc);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);
rc=SQLFreeHandle(SQL_HANDLE_DBC,hdbc);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);
rc=SQLFreeEnv(henv);
if (!SQLSUCCEEDED(rc)) return
ProcessError(henv,hdbc,hstmt);

return (ERROR_SUCCESS);
}

static int ProcessError(SQLHANDLEhenv, SQLHDBC hdbc,
SQLHSTMT hstmt)
{
RETCODE          rc;
SDWORD           INativeError;
char             szState[6];
char
szMsg[SQL_MAX_MESSAGE_LENGTH];
char
szTmp[6*SQL_MAX_MESSAGE_LENGTH];

szTmp[0] = 0;
while (TRUE)
{
rc = SQLError(henv, hdbc, hstmt, (BYTE
*)&szState, &INativeError,
(BYTE
*)&szMsg, sizeof(szMsg), NULL);
if (rc == SQL_NO_DATA)
break;

// quit if there isn't enough room to concatenate
error text
if ( ( strlen(szMsg) + 2) > (sizeof(szTmp) -
strlen(szTmp)) )
break;

// include line break after first error msg
if (szTmp[0] != 0)
strcat( szTmp, "\n");
strcat( szTmp, szMsg );
}

if (strlen(szTmp) > 0)
{

```

```

        WriteMessageToEventLog(szTmp);
    }

    // cleanup
    SQLFreeStmt(hstmt, SQL_CLOSE);
    SQLDisconnect(hdbc);
    SQLFreeHandle(SQL_HANDLE_DBC, hdbc);

    return (E_FAIL);
}

static void WriteMessageToEventLog(LPTSTR lpszMsg)
{
    TCHAR szMsg[256];
    HANDLE hEventSource;
    LPTSTR lpszStrings[2];

    // Use event logging to log the error.
    //
    hEventSource = RegisterEventSource(NULL,
    TEXT("TPCC.DLL"));

    sprintf(szMsg, TEXT("Error in ReadWHouse.DLL: "));
    lpszStrings[0] = szMsg;
    lpszStrings[1] = lpszMsg;

    if (hEventSource != NULL)
    {
        ReportEvent(hEventSource, // handle of event source
        EVENTLOG_ERROR_TYPE, // event type
        0, // event category
        0, // event ID
        NULL, // current user's SID
        2, // strings in lpszStrings
        0, // no bytes of raw data
        (LPCTSTR *)lpszStrings, // array of error strings
        NULL); // no raw data

        (VOID) DeregisterEventSource(hEventSource);
    }
}

void ConvertTime(TIMESTAMP_STRUCT *tsTime, __int64 iTime)
{
    union
    {
        __int64 i64Date;
        FILETIME ftDate;
    } comboDate;

    SYSTEMTIME sysTime;

    comboDate.i64Date=iTime;

    BOOL ret = FileTimeToSystemTime(&comboDate.ftDate,
    &sysTime);

    tsTime->year = sysTime.wYear;
    tsTime->month = sysTime.wMonth;
    tsTime->day = sysTime.wDay;
    tsTime->hour = sysTime.wHour;
    tsTime->minute = sysTime.wMinute;
    tsTime->second = sysTime.wSecond;
    tsTime->fraction = sysTime.wMilliseconds/1000;

    return;
}

```

```

}

__int64 TPCC_GetTime(void)
{
    union
    {
        __int64 i64Date;
        FILETIME ftDate;
    } retValDate;

    SYSTEMTIME sysTime;

    GetLocalTime(&sysTime);

    SystemTimeToFileTime(&sysTime, &retValDate.ftDate);
    return retValDate.i64Date;
}

```

spinlock.h

```

/*      FILE: SPINLOCK.H
 *
 * Copyright 1997 Microsoft Corp., All rights reserved.
 *
 * Authors: Mike Parkes, Charles Levine, Philip Durr
 *          Microsoft Corp.
 */

#ifndef _INC_Spinlock

    const LONG LockClosed      = 1;
    const LONG LockOpen        = 0;

    /**
    *****
    *
    * Spinlock and Semaphore locking.
    *
    * This class provides a very conservative locking scheme.
    *
    * The assumption behind the code is that locks will be
    * held for a very short time. When a lock is taken a
    * location is exchanged. All other threads that want this
    * lock wait by spinning and sometimes sleeping on a
    * semaphore
    * until it becomes free again. The only other choice is not
    * to wait at all and move on to do something else. This
    * module should normally be used in conjunction with
    * cache
    * aligned memory in minimize cache line misses.
    *
    *****
    */

    class Spinlock
    {
        // Private data.
        HANDLE          Semaphore;
        volatile LONG   m_Spinlock;
        volatile LONG   Waiting;
    }

```

```

#ifdef _DEBUG
    // Counters for debugging builds.
    volatile LONG    TotalLocks;
    volatile LONG    TotalSleeps;
    volatile LONG    TotalSpins;
    volatile LONG    TotalWaits;
#endif

public:
    // Public functions.

    Spinlock( void );

    inline BOOL ClaimLock( BOOL
Wait = TRUE );

    inline void ReleaseLock( void );
    ~Spinlock( void );
    // Disabled operations.
    Spinlock( const Spinlock & Copy );
    void operator=( const Spinlock &
Copy );

private:
    // Private functions.
    inline BOOL ClaimSpinlock( volatile
LONG *s1 );

    void WaitForLock( void );
    void WakeAllSleepers( void );

};

/*****
 *
 * A guaranteed atomic exchange.
 *
 * An attempt is made to claim the Spinlock. This action
is
 * guaranteed to be atomic.
 *
 *****/

inline BOOL Spinlock::ClaimSpinlock( volatile LONG
*Spinlock )
{
#ifdef _DEBUG
    InterlockedIncrement( (LPLONG) &
TotalLocks );
#endif
    return ( (*Spinlock) == LockOpen ) &&
( InterlockedExchange( (LPLONG) Spinlock, LockClosed ) ==
LockOpen );
}

/*****
 *
 * Claim the Spinlock.
 *
 * Claim the lock if available else wait or exit.
 *
 *****/

```

```

inline BOOL Spinlock::ClaimLock( BOOL Wait )
{
    if ( ! ClaimSpinlock( ( volatile LONG* ) &
m_Spinlock ) )
    {
        if ( Wait )
            WaitForLock();
        return Wait;
    }
    return TRUE;
}

/*****
 *
 * Release the Spinlock.
 *
 * Release the lock and if needed wakeup any sleepers.
 *
 *****/

inline void Spinlock::ReleaseLock( void )
{
    m_Spinlock = LockOpen;
    if ( Waiting > 0 )
        WakeAllSleepers();
}

#define _INC_Spinlock

#endif

tpcc.cpp

/*      FILE:          TPCC.C
 *
 *      Microsoft TPC-C Kit Ver.
4.20.000
 *
 *      Copyright Microsoft,
1999
 *
 *      All Rights Reserved
 *
 *
 *
 *
 *      Version 4.10.000 audited
by Richard Gimarc, Performance Metrics, 3/17/99
 *
 *
 *      PURPOSE:          Main module for TPCC.DLL which
is an ISAPI service dll.
 *
 *      Contact:   Charles Levine (clevine@microsoft.com)
 *
 *
 *      Change history:
 *
 *      4.20.000 - reworked error handling; added
options for COM and Encina txn monitors
 */

#include <windows.h>
#include <process.h>
#include <tchar.h>
#include <stdio.h>
#include <stdarg.h>
#include <malloc.h>
#include <stdlib.h>
#include <string.h>
#include <time.h>
#include <sys\timeb.h>
#include <io.h>
#include <assert.h>

```



```

#include <sqltypes.h>

#ifdef ICECAP
#include <icapexp.h>
#endif

#include "..\..\common\src\trans.h" //tpckit
transaction header contains definitions of structures specific to TPC-C
#include "..\..\common\src\error.h"
#include "..\..\common\src\txn_base.h"
#include "..\..\common\src\ReadRegistry.h"

#include "..\..\common\txnlog\include\rtetime.h"
#include "..\..\common\txnlog\include\spinlock.h"
#include "..\..\common\txnlog\include\txnlog.h"

// Database layer includes
#include "..\..\db_dblib_dll\src\tpcc_dblib.h" //
DBLIB implementation of TPC-C txns
#include "..\..\db_odbc_dll\src\tpcc_odbc.h" // ODBC
implementation of TPC-C txns

// Txn monitor layer includes
#include "..\..\tm_com_dll\src\tpcc_com.h" //
COM Services implementation on TPC-C txns
#include "..\..\tm_tuxedo_dll\src\tpcc_tux.h" // interface to
Tuxedo libraries
#include "..\..\tm_encina_dll\src\tpcc_enc.h" // interface to
Encina libraries

#include "httpext.h" //ISAPI DLL
information header
#include "tpcc.h"
//this dlls specific structure, value e.t. header.

#define LEN_ERR_STRING 256

// defines for Make<Txn>Form calls to distinguish input and output
flavors
#define OUTPUT_FORM 0
#define INPUT_FORM 1
#define EOL 10

char
szMyComputerName[MAX_COMPUTERNAME_LENGTH+1];

//Terminal client id structure
TERM Term = { 0, 0, 0, NULL };

// The WEBCLIENT_VERSION string specifies the version level of
this web client interface.
// The RTE must be synchronized with the interface level on login,
otherwise the login
// will fail. This is a sanity check to catch problems resulting from
mismatched versions
// of the RTE and web client.
#define WEBCLIENT_VERSION "430"

static CRITICAL_SECTION
TermCriticalSection;

static HINSTANCE hLibInstanceTm = NULL;
static HINSTANCE hLibInstanceDb = NULL;

TYPE_CTPCC_DBLIB *pCTPCC_DBLIB_new;
TYPE_CTPCC_ODBC *pCTPCC_ODBC_new;
TYPE_CTPCC_TUXEDO *pCTPCC_TUXEDO_new;

TYPE_CTPCC_ENCINA *pCTPCC_ENCINA_new;
TYPE_CTPCC_ENCINA *pCTPCC_ENCINA_post_init;
TYPE_CTPCC_COM *pCTPCC_COM_new;

// For deferred Delivery txns:

CTxnLog *txnDelilog =
NULL; //used to log delivery transaction
information

HANDLE
hWorkerSemaphore = INVALID_HANDLE_VALUE;
HANDLE hDoneEvent
= INVALID_HANDLE_VALUE;
HANDLE *pDeliHandles
= NULL;

// configuration settings from registry
TPCCREGISTRYDATA Reg;

DWORD
dwNumDeliveryThreads = 4;
CRITICAL_SECTION DelBuffCriticalSection;
//critical section for delivery transactions cache
DELIVERY_TRANSACTION *pDelBuff =
NULL;
DWORD dwDelBuffSize
= 100; // size of circular buffer for delivery
txns
DWORD
dwDelBuffFreeCount; // number of
buffers free
DWORD
dwDelBuffBusyIndex = 0; // index position of entry
waiting to be delivered
DWORD
dwDelBuffFreeIndex = 0; // index position of unused
entry

#define MAXWHS 60001
BYTE
*pbLocalWhsTbl=NULL;
#ifdef COUNTSPLIT
LONG
gdwLocalNOCnt = 0;
LONG
gdwRemoteNOCnt = 0;
LONG
gdwLocalPayCnt = 0;
LONG
gdwRemotePayCnt = 0;
#endif

#include "..\..\common\src\ReadRegistry.cpp"
#include "ReadWHouse.h"

/* FUNCTION: DllMain
*
* PURPOSE: This function is the entry point for the DLL.
This implementation is based on the
fact that DLL_PROCESS_ATTACH
is only called from the inet service once.
*

```

```

* ARGUMENTS:  HANDLE hModule
module handle
*
*           DWORD
ul_reason_for_call  reason for call
*
*           LPVOID lpReserved
reserved for future use
*
* RETURNS:    BOOL  FALSE
errors occurred in initialization
*
TRUE           DLL successfully
initialized
*/

BOOL APIENTRY DllMain(HANDLE hModule, DWORD
ul_reason_for_call, LPVOID lpReserved)
{
    DWORD i;
    char szEvent[LEN_ERR_STRING] = "\0";
    char szLogFile[128];
    char szDllName[128];
    BOOL  fComment = FALSE;
    int    cbSize=0;
    int    iWhs = 0;
    int *pWareHouseArray=NULL;
    int iCount = 0;
    int iLoop=0;
    int iTotalWhs=0;

    try
    {
        switch( ul_reason_for_call )
        {
            case DLL_PROCESS_ATTACH:
                DWORD
                dwSize = MAX_COMPUTERNAME_LENGTH+1;
                GetComputerName(szMyComputerName, &dwSize);
                szMyComputerName[dwSize] = 0;
        }

        DisableThreadLibraryCalls((HMODULE)hModule);
        InitializeCriticalSection(&TermCriticalSection);

        if (
        ReadTPCCRegistrySettings( &Reg )
        throw new
        CWEBCLNT_ERR( ERR_MISSING_REGISTRY_ENTRIES);

        dwDelBuffSize = min(
        Reg.dwMaxPendingDeliveries, 10000 ); // min with 10000 as a sanity
        constraint
        dwNumDeliveryThreads =
        min( Reg.dwNumberOfDeliveryThreads, 100 ); // min with 100 as a
        sanity constraint

        TermInit();
        // load DLL for txn
        monitor
        TUXEDO)
        if (Reg.eTxnMon ==
        {

```

```

strcpy(
szDllName, Reg.szPath );
strcat(
szDllName, "tpcc_tuxedo.dll");
hLibInstanceTm = LoadLibrary( szDllName );
if
(hLibInstanceTm == NULL)
throw new CWEBCLNT_ERR( ERR_LOADDLL_FAILED,
szDllName, GetLastError());

// get function
pointer to wrapper for class constructor
pCTPCC_TUXEDO_new = (TYPE_CTPCC_TUXEDO*)
GetProcAddress(hLibInstanceTm,"CTPCC_TUXEDO_new");
if
(pCTPCC_TUXEDO_new == NULL)
throw new CWEBCLNT_ERR( ERR_GETPROCADDR_FAILED,
szDllName, GetLastError());
}
else if (Reg.eTxnMon ==
ENCINA)
{
    strcpy(
szDllName, Reg.szPath );
    strcat(
szDllName, "tpcc_encina.dll");
    hLibInstanceTm = LoadLibrary( szDllName );
    if
    (hLibInstanceTm == NULL)
        throw new CWEBCLNT_ERR( ERR_LOADDLL_FAILED,
szDllName, GetLastError());
// get function
pointer to wrapper for class constructor
pCTPCC_ENCINA_new = (TYPE_CTPCC_ENCINA*)
GetProcAddress(hLibInstanceTm,"CTPCC_ENCINA_new");
pCTPCC_ENCINA_post_init = (TYPE_CTPCC_ENCINA*)
GetProcAddress(hLibInstanceTm,"CTPCC_ENCINA_post_init");
if
(pCTPCC_ENCINA_new == NULL)
throw new CWEBCLNT_ERR( ERR_GETPROCADDR_FAILED,
szDllName, GetLastError());
}
else if (Reg.eTxnMon ==
COM)
{
    strcpy(
szDllName, Reg.szPath );
    strcat(
szDllName, "tpcc_com.dll");
    hLibInstanceTm = LoadLibrary( szDllName );
    if
    (hLibInstanceTm == NULL)
        throw new CWEBCLNT_ERR( ERR_LOADDLL_FAILED,
szDllName, GetLastError());
// get function
pointer to wrapper for class constructor

```

```

pCTPCC_COM_new = (TYPE_CTPCC_COM*)
GetProcAddress(hLibInstanceTm,"CTPCC_COM_new");
if
(pCTPCC_COM_new == NULL)

throw new CWEBCLNT_ERR( ERR_GETPROCADDR_FAILED,
szDllName, GetLastError());

GetWareHouseTable(
                (void
***)&pWareHouseArray, // array of ints
                &iCount,
                &iTotalWhs,

Reg.szDbUser,          // user name for login

Reg.szDbPassword,    // password for login

Reg.szDbName);       // name of DSN to use

pbLocalWhsTbl = (BYTE *)malloc(sizeof(BYTE)*iTotalWhs + 1);
if
(!pbLocalWhsTbl)

throw new CWEBCLNT_ERR( ERR_GETPROCADDR_FAILED,
szDllName, GetLastError());

memset((void*)pbLocalWhsTbl,0,sizeof(BYTE)*iTotalWhs + 1);

for
(iLoop=0;iLoop<iCount;iLoop++)
{
if
(pWareHouseArray[iLoop] < (int)iTotalWhs)
pbLocalWhsTbl[pWareHouseArray[iLoop]] = 1; //local warehouse
}

free((void*)pWareHouseArray);
}
// load DLL for database
connection
if ((Reg.eTxnMon ==
None) || (dwNumDeliveryThreads > 0))
{
if
(Reg.eDB_Protocol == DBLIB)
{

strcpy( szDllName, Reg.szPath );

strcat( szDllName, "tpcc_dblib.dll");

hLibInstanceDb = LoadLibrary( szDllName );

```

```

if
(hLibInstanceDb == NULL)

throw new CWEBCLNT_ERR( ERR_LOADDLL_FAILED,
szDllName, GetLastError());

//
get function pointer to wrapper for class constructor

pCTPCC_DBLIB_new = (TYPE_CTPCC_DBLIB*)
GetProcAddress(hLibInstanceDb,"CTPCC_DBLIB_new");
if
(pCTPCC_DBLIB_new == NULL)

throw new CWEBCLNT_ERR( ERR_GETPROCADDR_FAILED,
szDllName, GetLastError());
}
else if
(Reg.eDB_Protocol == ODBC)
{

strcpy( szDllName, Reg.szPath );

strcat( szDllName, "tpcc_odbc.dll");

hLibInstanceDb = LoadLibrary( szDllName );
if
(hLibInstanceDb == NULL)

throw new CWEBCLNT_ERR( ERR_LOADDLL_FAILED,
szDllName, GetLastError());

//
get function pointer to wrapper for class constructor

pCTPCC_ODBC_new = (TYPE_CTPCC_ODBC*)
GetProcAddress(hLibInstanceDb,"CTPCC_ODBC_new");
if
(pCTPCC_ODBC_new == NULL)

throw new CWEBCLNT_ERR( ERR_GETPROCADDR_FAILED,
szDllName, GetLastError());
}
}
if
(dwNumDeliveryThreads)
{
// for deferred
delivery txns:
hDoneEvent =
CreateEvent( NULL, TRUE /* manual reset */, FALSE /* initially not
signalled */, NULL );
InitializeCriticalSection(&DelBuffCriticalSection);
hWorkerSemaphore = CreateSemaphore( NULL, 0, dwDelBuffSize,
NULL );
dwDelBuffFreeCount = dwDelBuffSize;

InitJulianTime(NULL);

// create unique
log file name based on delilog-yyymmdd-hhmm.log

```



```

        lstrcpy(pVer->lpszExtensionDesc, "TPC-C Server.",
HSE_MAX_EXT_DLL_NAME_LEN);

        // TODO: why do we need this here instead of in the DLL
attach?
        if (Reg.eTxnMon == ENCINA)
            pCTPCC_ENCINA_post_init();

        return TRUE;
    }

/* FUNCTION: TerminateExtension
 *
 * PURPOSE:      This function is called by the inet service when
the DLL is about to be unloaded.
 *              Release all resources in anticipation
of being unloaded.
 *
 * RETURNS:      TRUE      inet service expected
return value.
 */

BOOL WINAPI TerminateExtension( DWORD dwFlags )
{
    if (pDeliHandles)
    {
        SetEvent( hDoneEvent );
        for(DWORD i=0; i<dwNumDeliveryThreads;
i++)
            WaitForSingleObject(
pDeliHandles[i], INFINITE );
    }

    TermDeleteAll();
    return TRUE;
}

/* FUNCTION: HttpExtensionProc
 *
 * PURPOSE:      This function is the main entry point for the
TPCC DLL. The internet service
 *              calls this function passing in the http
string.
 *
 * ARGUMENTS:   EXTENSION_CONTROL_BLOCK
 *pECB      structure pointer to passed in internet
 *              service
information.
 *
 * RETURNS:      DWORD
HSE_STATUS_SUCCESS
connection can be dropped if error
 *
 * HSE_STATUS_SUCCESS_AND_KEEP_CONN      keep connect
valid comment sent
 *
 * COMMENTS:    None
 */

DWORD WINAPI
HttpExtensionProc(EXTENSION_CONTROL_BLOCK *pECB)
{
    int                iCmd, FormId, TermId,
iSyncId;
    char                szBuffer[4096];

```

```

        int                lpbSize;
        static char        szHeader[] = "200 Ok";
        DWORD                dwSize = 6;
        char                szHeader1[4096];
        //
        // initial value is strlen(szHeader)

#ifdef ICECAP
        StartCAP();
#endif

        try
        {
            //process http query
            ProcessQueryString(pECB, &iCmd, &FormId,
&TermId, &iSyncId);

            if (TermId != 0)
            {
                if ( TermId < 0 || TermId >=
Term.iNumEntries || Term.pClientData[TermId].iNextFree != -1 )
                {
                    // debugging...
                    char szTmp[128];
                    wsprintf( szTmp, "Invalid
term ID; TermId = %d", TermId );
                    WriteMessageToEventLog( szTmp );
                    throw new
CWEBCLNT_ERR( ERR_INVALID_TERMID );
                }

                //must have a valid syncid here since
termid is valid
                if (iSyncId !=
Term.pClientData[TermId].iSyncId)
                    throw new
CWEBCLNT_ERR( ERR_INVALID_SYNC_CONNECTION );

                //set use time
                Term.pClientData[TermId].iTickCount = GetTickCount();
            }

            switch(iCmd)
            {
            case 0:
                WelcomeForm(pECB, szBuffer);
                break;
            case 1:
                switch( FormId )
                {
                    case WELCOME_FORM:
                    case
MAIN_MENU_FORM:
                        break;
                    case
NEW_ORDER_FORM:
                        ProcessNewOrderForm(pECB, TermId, szBuffer);
                        break;
                    case PAYMENT_FORM:
                        ProcessPaymentForm(pECB, TermId, szBuffer);
                        break;
                }
            }

```

```

case DELIVERY_FORM:
ProcessDeliveryForm(pECB, TermId, szBuffer);
break;
ORDER_STATUS_FORM:
ProcessOrderStatusForm(pECB, TermId, szBuffer);
break;
STOCK_LEVEL_FORM:
ProcessStockLevelForm(pECB, TermId, szBuffer);
break;
}
break;
case 2:
// new-order selected from menu;
display new-order input form
MakeNewOrderForm(TermId, NULL,
INPUT_FORM, szBuffer);
break;
case 3:
// payment selected from menu;
display payment input form
MakePaymentForm(TermId, NULL,
INPUT_FORM, szBuffer);
break;
case 4:
// delivery selected from menu;
display delivery input form
MakeDeliveryForm(TermId, NULL,
INPUT_FORM, szBuffer);
break;
case 5:
// order-status selected from menu;
display order-status input form
MakeOrderStatusForm(TermId,
NULL, INPUT_FORM, szBuffer);
break;
case 6:
// stock-level selected from menu;
display stock-level input form
MakeStockLevelForm(TermId,
NULL, INPUT_FORM, szBuffer);
break;
case 7:
// ExitCmd
TermDelete(TermId);
WelcomeForm(pECB, szBuffer);
break;
case 8:
SubmitCmd(pECB, szBuffer);
break;
case 9:
// menu
MakeMainMenuForm(TermId,
Term.pClientData[TermId].iSyncId, szBuffer);
break;
case 10:
// CMD=Clear
// resets all connections; should only
// be used when no other connections are active
TermDeleteAll();
TermInit();
WelcomeForm(pECB, szBuffer);
break;
case 11: // CMD=Stats
StatsCmd(pECB, szBuffer);
break;
}
catch (CBaseErr *e)
{
ErrorForm( pECB, e->ErrorType(),
e->ErrorNum(), TermId, iSyncId, e->ErrorText(), szBuffer );
delete e;
}
catch (...)
{
ErrorForm( pECB, ERR_TYPE_WEBDLL, 0,
TermId, iSyncId, "Error: Unhandled exception in Web Client.",
szBuffer );
}
}
#endif
IpbSize = strlen(szBuffer);
wsprintf(szHeader1,
"Content-Type: text/html\r\n"
"Content-Length: %d\r\n"
"Connection: Keep-Alive\r\n\r\n",
IpbSize);
strcat( szHeader1, szBuffer );
(*pECB->ServerSupportFunction)(pECB->ConnID,
HSE_REQ_SEND_RESPONSE_HEADER, szHeader, (LPDWORD)
&dwSize, (LPDWORD)szHeader1);
//finish up and keep connection
pECB->dwHttpStatusCode = 200;
return HSE_STATUS_SUCCESS_AND_KEEP_CONN;
}
void WriteMessageToEventLog(LPTSTR lpszMsg)
{
TCHAR szMsg[256];
HANDLE hEventSource;
LPTSTR lpszStrings[2];
// Use event logging to log the error.
//
hEventSource = RegisterEventSource(NULL,
TEXT("TPCC.DLL"));
_stprintf(szMsg, TEXT("Error in TPCC.DLL: "));
lpszStrings[0] = szMsg;
lpszStrings[1] = lpszMsg;
if (hEventSource != NULL)
{
ReportEvent(hEventSource, // handle of event source
EVENTLOG_ERROR_TYPE, // event type
0, // event category
0, // event ID
NULL, // current user's SID
2, // strings in lpszStrings
0, // no bytes of raw data
(LPCTSTR *)lpszStrings, // array of error strings
NULL); // no raw data
}
}
(VOID) DeregisterEventSource(hEventSource);

```

```

}
}

/* FUNCTION: DeliveryWorkerThread
 *
 * PURPOSE: This function processes deferred delivery txns.
 There are typically several
 *          threads running this routine. The
 number of threads is determined by an entry
 *          read from the registry. The thread
 waits for work by waiting on semaphore.
 *          When a delivery txn is posted, the
 semaphore is released. After processing
 *          the delivery txn, information is
 logged to record the txn status and execution
 *          time.
 */

/*static*/ void DeliveryWorkerThread(void *ptr)
{
    CTPCC_BASE          *pTxn = NULL;

    DELIVERY_TRANSACTION    delivery;
    PDELIVERY_DATA
pDeliveryData;
    TXN_RECORD_TPCC_DELIV_DEF    txnDeliRec;

    DWORD
index;
    HANDLE
handles[2];

    SYSTEMTIME    trans_end;
//delivery transaction finished time
    SYSTEMTIME    trans_start;
//delivery transaction start time
    int
static int        iRetryCnt = 0;
                iMaxRetries = 10;

    assert(txnDeliLog != NULL);

    assert(txnDeliLog != NULL);

Reconnect:
    try
    {
        if (Reg.eDB_Protocol == ODBC)
            pTxn = pCTPCC_ODBC_new(
Reg.szDbServer, Reg.szDbUser, Reg.szDbPassword,
szMyComputerName, Reg.szDbName );
        else if (Reg.eDB_Protocol == DBLIB)
            pTxn = pCTPCC_DBLIB_new(
Reg.szDbServer, Reg.szDbUser, Reg.szDbPassword,
szMyComputerName, Reg.szDbName );
        pDeliveryData = pTxn->BuffAddr_Delivery();
    }
    catch (CBaseErr *e)
    {
        char szTmp[1024];
        wsprintf( szTmp, "Error in Delivery Txn thread.
Could not connect to database. "
                "%s. Server=%s,
User=%s, Password=%s, Database=%s",
                e->ErrorText(),
Reg.szDbServer, Reg.szDbUser, Reg.szDbPassword, Reg.szDbName );
        WriteMessageToEventLog( szTmp );
        delete e;

```

```

// will retry connection up to ten times
if (iRetryCnt++ < iMaxRetries)
{
    Sleep(5000); // delay for 5
seconds
    goto Reconnect;
}

wsprintf( szTmp, "Delivery Txn thread
terminating after %d retries.", iMaxRetries );
WriteMessageToEventLog( szTmp );
goto ErrorExit;
}
catch (...)
{
    WriteMessageToEventLog(TEXT("Unhandled
exception caught in DeliveryWorkerThread. Delivery Txn thread
terminating."));
    goto ErrorExit;
}

while (TRUE)
{
    try
    {
        //while delivery thread running, i.e.
user has not requested termination
        while (TRUE)
        {
            // need to wait for multiple
objects: program exit or worker semaphore;
            handles[0] = hDoneEvent;
            handles[1] =
hWorkerSemaphore;
            index =
WaitForMultipleObjects( 2, &handles[0], FALSE, INFINITE );
            if (index ==
WAIT_OBJECT_0)
                goto ErrorExit;

ZeroMemory(&txnDeliRec, sizeof(txnDeliRec));
            txnDeliRec.TxnType =
TXN_REC_TYPE_TPCC_DELIV_DEF;

            // make a local copy of
current entry from delivery buffer and increment buffer index
            EnterCriticalSection(&DelBuffCriticalSection);
            delivery =
*(pDelBuff+dwDelBuffBusyIndex);
            dwDelBuffFreeCount++;
            dwDelBuffBusyIndex++;
            if (dwDelBuffBusyIndex
== dwDelBuffSize) // wrap-around if at end of buffer
                dwDelBuffBusyIndex = 0;

LeaveCriticalSection(&DelBuffCriticalSection);

            pDeliveryData->w_id =
delivery.w_id;
            pDeliveryData->o_carrier_id = delivery.o_carrier_id;

```

```

        txnDeliRec.w_id =
pDeliveryData->w_id;
        txnDeliRec.o_carrier_id =
pDeliveryData->o_carrier_id;
        txnDeliRec.TxnStartT0 =
Get64BitTime(&delivery.queue);
        GetLocalTime(
&trans_start );
        pTxn->Delivery();
        GetLocalTime(
&trans_end );
        //log txn
        txnDeliRec.TxnStatus =
ERR_SUCCESS;
        for (int i=0; i<10; i++)
        txnDeliRec.o_id[i] = pDeliveryData->o_id[i];
        txnDeliRec.DeltaT4 =
(int)(Get64BitTime(&trans_end) - txnDeliRec.TxnStartT0);
        txnDeliRec.DeltaTxnExec
= (int)(Get64BitTime(&trans_end) - Get64BitTime(&trans_start));
        if (txnDelilog != NULL)
        txnDelilog->WriteToLog(&txnDeliRec);
    }
    catch (CBaseErr *e)
    {
        char szTmp[1024];
        wsprintf( szTmp, "Error in Delivery
Txn thread. %s", e->ErrorText() );
        WriteMessageToEventLog( szTmp );
        // log the error txn
        txnDeliRec.TxnStatus =
e->ErrorType();
        if (txnDelilog != NULL)
        txnDelilog->WriteToLog(&txnDeliRec);
        delete e;
    }
    catch (...)
    {
        // unhandled exception; shouldn't
        happen; not much we can do...
        WriteMessageToEventLog(TEXT("Unhandled exception caught in
        DeliveryWorkerThread."));
    }
}
ErrorExit:
    delete pTxn;
    _endthread();
}
/* FUNCTION: PostDeliveryInfo
*
* PURPOSE:      This function enters the delivery txn into the
deferred delivery buffer.
*
* RETURNS:      BOOL    FALSE    delivery
information posted successfully
*/
TRUE    error cannot post delivery info
*/
BOOL PostDeliveryInfo(long w_id, short o_carrier_id)
{
    BOOL bError;
    EnterCriticalSection(&DelBuffCriticalSection);
    if (dwDelBuffFreeCount > 0)
    {
        bError = FALSE;
        (pDelBuff+dwDelBuffFreeIndex)->w_id
        = w_id;
        (pDelBuff+dwDelBuffFreeIndex)->o_carrier_id
        = o_carrier_id;
        GetLocalTime(&(pDelBuff+dwDelBuffFreeIndex)->queue);
        dwDelBuffFreeCount--;
        dwDelBuffFreeIndex++;
        if (dwDelBuffFreeIndex == dwDelBuffSize)
            dwDelBuffFreeIndex = 0;
        // wrap-around if at end of buffer
    }
    else
        // No free buffers. Return an error, which
        indicates that the delivery buffer is full.
        // Most likely, the number of delivery worker
        threads needs to be increased to keep up
        // with the txn rate.
        bError = TRUE;
        LeaveCriticalSection(&DelBuffCriticalSection);
        if (!bError)
            // increment worker semaphore to wake up a
            worker thread
            ReleaseSemaphore( hWorkerSemaphore, 1,
            NULL );
        return bError;
}
/* FUNCTION: ProcessQueryString
*
* PURPOSE:      This function extracts the relevent information
out of the http command passed in from
the browser.
*
* COMMENTS:     If this is the initial connection i.e. client is at
welcome screen then
there will not be a
terminal id or current form id. If this is the case
then the pTermid and
pFormid return values are undefined.
*/
void ProcessQueryString(EXTENSION_CONTROL_BLOCK *pECB,
int *pCmd, int *pFormId, int *pTermId, int *pSyncId)
{
    char *ptr = pECB->lpszQueryString;
    char szBuffer[25];
    int i;
    //allowable client command strings i.e. CMD=command
    static char *szCmds[] =
    {

```



```

        "Process", "..NewOrder..", "..Payment..",
"..Delivery..", "..Order-Status..", "..Stock-Level..",
        "..Exit..", "Submit", "Menu", "Clear", "Stats", ""
    );

    *pCmd = 0; // default is the login
screen
    *pTermId = 0;

    // if no params (i.e., empty query string), then return login
screen
    if (strlen(pECB->lpszQueryString) == 0)
        return;

    // parse FORMID, TERMID, and SYNCID
    *pFormId = GetIntKeyValue(&ptr, "FORMID", NO_ERR,
NO_ERR);
    *pTermId = GetIntKeyValue(&ptr, "TERMID", NO_ERR,
NO_ERR);
    *pSyncId = GetIntKeyValue(&ptr, "SYNCID", NO_ERR,
NO_ERR);

    // parse CMD
    GetKeyValue(&ptr, "CMD", szBuffer, sizeof(szBuffer),
ERR_COMMAND_UNDEFINED);

    // see which command it matches
    for(i=0; ; i++)
    {
        if (szCmds[i][0] == 0)
            // no more; no match; return error
            throw new CWEBCLNT_ERR(
ERR_COMMAND_UNDEFINED);
        if ( !strcmp(szCmds[i], szBuffer) )
        {
            *pCmd = i+1;
            break;
        }
    }

/* FUNCTION: void WelcomeForm
 *
 */

void WelcomeForm(EXTENSION_CONTROL_BLOCK*pECB, char
*szBuffer)
{
    char szTmp[1024];

    //welcome to tpc-c html form buffer, this is first form client
sees.
    strcpy( szBuffer, "<HTML><HEAD><TITLE>TPC-C
Web Client</TITLE></HEAD><BODY>"

"<B><BIG>Microsoft TPC-C Web Client (ver 4.30)</BIG></B>
<BR> <BR>"

"<font face='Courier New'><PRE>"

"Compiled: __DATE__, __TIME__ <BR>"

"Source: __FILE__ (" __TIMESTAMP__ )<BR>"

"</PRE></font>"

"<FORM ACTION='tpcc.dll' METHOD='GET'>"

```

```

"<INPUT TYPE='hidden' NAME='STATUSID' VALUE='0'>"
"<INPUT TYPE='hidden' NAME='ERROR' VALUE='0'>"
"<INPUT TYPE='hidden' NAME='FORMID' VALUE='1'>"
"<INPUT TYPE='hidden' NAME='TERMID' VALUE='0'>"
"<INPUT TYPE='hidden' NAME='SYNCID' VALUE='0'>"
"<INPUT TYPE='hidden' NAME='VERSION' VALUE=''"
WEBCLIENT_VERSION"'>"
    );

    sprintf( szTmp, "Configuration Settings: <BR><font
face='Courier New' color='blue'><PRE>"
        "Txn Monitor
    = <B>%s</B><BR>"
        "Database
protocol = <B>%s</B><BR>"
        "Max
Connections = <B>%d</B><BR>"
        "# of Delivery
Threads = <B>%d</B><BR>"
        "Max Pending
Deliveries = <B>%d</B><BR>"
        , szTxnMonNames[Reg.eTxnMon],
szDBNames[Reg.eDB_Protocol],
        Reg.dwMaxConnections,
dwNumDeliveryThreads, dwDelBuffSize );
    strcat( szBuffer, szTmp);

    if (Reg.eTxnMon == COM)
    {
        sprintf( szTmp, "COM Single Pool =
<B>%s</B><BR>",
            Reg.bCOM_SinglePool ? "YES" :
"NO" );
        strcat( szBuffer, szTmp);
    }
    strcat( szBuffer, "</PRE></font>");

    if (Reg.eTxnMon == None)
        // connection options may be specified when not
using a txn monitor
        sprintf( szTmp, "Please enter your
database options for this connection:<BR>"

"<font face='Courier New' color='blue'><PRE>"
        "DB
Server = <INPUT NAME='db_server' SIZE=20
VALUE='%s'><BR>"
        "DB
User ID = <INPUT NAME='db_user' SIZE=20
VALUE='%s'><BR>"
        "DB
Password = <INPUT NAME='db_passwd' SIZE=20
VALUE='%s'><BR>"
        "DB
Name = <INPUT NAME='db_name' SIZE=20
VALUE='%s'><BR>"

"</PRE></font>"
        , Reg.szDbServer,
Reg.szDbUser, Reg.szDbPassword, Reg.szDbName );
    else

```

```

        // if using a txn monitor, connection options are
determined from registry; can't
        // set per user. show options fyi
        sprintf( szTmp, "Database options which
will be used by the transaction monitor:<BR>"

"<font face=\"Courier New\" color=\"blue\"><PRE>"

Server      = <B>%s</B><BR>"

User ID     = <B>%s</B><BR>"

Password   = <B>%s</B><BR>"

Name       = <B>%s</B><BR>"

"</PRE></font>"

, Reg.szDbServer,
Reg.szDbUser, Reg.szDbPassword, Reg.szDbName);
strcat( szBuffer, szTmp);

        sprintf( szTmp, "Please enter your Warehouse and
District for this session:<BR>"

"<font
face=\"Courier New\" color=\"blue\"><PRE>");
strcat( szBuffer, szTmp);
strcat( szBuffer, "Warehouse ID = <INPUT
NAME=\"w_id\" SIZE=6><BR>"

"District ID = <INPUT NAME=\"d_id\" SIZE=2><BR>"

"</PRE></font><HR>"

"<INPUT TYPE=\"submit\" NAME=\"CMD\" VALUE=\"Submit\">"

"</FORM></BODY></HTML>");
}

/* FUNCTION: SubmitCmd
*
* PURPOSE: This function allocated a new terminal id in the
Term structure array.
*
*/

void SubmitCmd(EXTENSION_CONTROL_BLOCK *pECB, char
*szBuffer)
{
    int          iNewTerm;
    char        *ptr = pECB->lpszQueryString;

    char        szVersion[32]   = { 0 };
    char        szServer[32]    = { 0 };
    char        szUser[32]      = "sa";
    char        szPassword[32]  = { 0 };
    char        szDatabase[32]  = "tpcc";

    // validate version field; the version field ensures that the
RTE is synchronized with the web client
    GetKeyValue(&ptr, "VERSION", szVersion,
sizeof(szVersion), ERR_VERSION_MISMATCH);
    if ( strcmp( szVersion, WEBCLIENT_VERSION ) )
        throw new CWEBCLNT_ERR(
ERR_VERSION_MISMATCH);

    if (Reg.eTxnMon == None)
    {
        // parse Server name

```

```

        GetKeyValue(&ptr, "db_server", szServer,
sizeof(szServer), ERR_NO_SERVER_SPECIFIED);
        // parse User name
        GetKeyValue(&ptr, "db_user", szUser,
sizeof(szUser), NO_ERR);
        // parse Password
        GetKeyValue(&ptr, "db_passwd", szPassword,
sizeof(szPassword), NO_ERR);
        // parse Database name
        GetKeyValue(&ptr, "db_name", szDatabase,
sizeof(szDatabase), NO_ERR);
    }

    // parse warehouse ID
    int w_id = GetIntKeyValue(&ptr, "w_id",
ERR_HTML_ILL_FORMED, ERR_W_ID_INVALID);
    if ( w_id < 1 )
        throw new CWEBCLNT_ERR(
ERR_W_ID_INVALID);

    // parse district ID
    int d_id = GetIntKeyValue(&ptr, "d_id",
ERR_HTML_ILL_FORMED, ERR_D_ID_INVALID);
    if ( d_id < 1 || d_id > 10 )
        throw new CWEBCLNT_ERR(
ERR_D_ID_INVALID);

    iNewTerm = TermAdd();

    Term.pClientData[iNewTerm].w_id = w_id;
    Term.pClientData[iNewTerm].d_id = d_id;

    try
    {
        if (Reg.eTxnMon == TUXEDO)
            Term.pClientData[iNewTerm].pTxn
= pCTPCC_TUXEDO_new();
        else if (Reg.eTxnMon == ENCINA)
            Term.pClientData[iNewTerm].pTxn
= pCTPCC_ENCINA_new();
        else if (Reg.eTxnMon == COM)
            Term.pClientData[iNewTerm].pTxn
= pCTPCC_COM_new( Reg.bCOM_SinglePool );
        else if (Reg.eDB_Protocol == ODBC)
            Term.pClientData[iNewTerm].pTxn
= pCTPCC_ODBC_new( szServer, szUser, szPassword,
szMyComputerName, szDatabase );
        else if (Reg.eDB_Protocol == DBLIB)
            Term.pClientData[iNewTerm].pTxn
= pCTPCC_DBLIB_new( szServer, szUser, szPassword,
szMyComputerName, szDatabase );
    }
    catch (...)
    {
        TermDelete(iNewTerm);
        throw; // pass exception upward
    }

    MakeMainMenuForm(iNewTerm,
Term.pClientData[iNewTerm].iSyncId, szBuffer);
}

/* FUNCTION: StatsCmd
*
* PURPOSE: This function returns to the browser the total
number of active terminal ids.

```

```

*           This routine is for
development/debugging purposes.
*
*/

void StatsCmd(EXTENSION_CONTROL_BLOCK *pECB, char
*szBuffer)
{
    int i;
    int    iTotals;

    EnterCriticalSection(&TermCriticalSection);

    iTotals = 0;
    for(i=0; i<Term.iNumEntries; i++)
    {
        if (Term.pClientData[i].iNextFree == -1)
            iTotals++;
    }

    LeaveCriticalSection(&TermCriticalSection);

    wsprintf( szBuffer,
    "<HTML><HEAD><TITLE>TPC-C
Web Client Stats</TITLE></HEAD>"
    "<BODY><B><BIG> Total Active
Connections: %d </BIG></B><BR></BODY></HTML>"
    , iTotals);
}

char *CWEBCLNT_ERR::ErrorText()
{
    static SERRORMSG errorMsgs[] =
    {
        { ERR_COMMAND_UNDEFINED,
          "Command undefined."
        },
        { ERR_D_ID_INVALID,
          "Invalid District ID Must
be 1 to 10."
        },
        { ERR_DELIVERY_CARRIER_ID_RANGE,
          "Delivery Carrier ID out of range must be 1 - 10."
        },
        { ERR_DELIVERY_CARRIER_INVALID,
          "Delivery Carrier ID invalid must be numeric 1 - 10."
        },
        { ERR_DELIVERY_MISSING_OCD_KEY,
          "Delivery missing Carrier ID key\"OCD*\"."
        },
        { ERR_DELIVERY_THREAD_FAILED,
          "Could not start delivery worker thread."
        },
        { ERR_GETPROCADDR_FAILED,
          "Could not map proc in
DLL. GetProcAddr error. DLL="
        },
        { ERR_HTML_ILL_FORMED,
          "Required key field is missing from
HTML string."
        },
        { ERR_INVALID_SYNC_CONNECTION,

```

```

"Invalid Terminal Sync ID."
    },
    { ERR_INVALID_TERMID,
      "Invalid Terminal ID."
    },
    { ERR_LOADDLL_FAILED,
      "Load of DLL failed.
DLL="
    },
    { ERR_MAX_CONNECTIONS_EXCEEDED,
      "No connections available. Max Connections is probably too low."
    },
    { ERR_MISSING_REGISTRY_ENTRIES,
      "Required registry entries are missing. Rerun INSTALL to correct."
    },
    { ERR_NEWORDER_CUSTOMER_INVALID,
      "New Order customer id invalid data type, range = 1 to 3000."
    },
    { ERR_NEWORDER_CUSTOMER_KEY,
      "New Order missing Customer key\"CID*\"."
    },
    { ERR_NEWORDER_DISTRICT_INVALID,
      "New Order District ID Invalid range 1 - 10."
    },
    { ERR_NEWORDER_FORM_MISSING_DID,
      "New Order missing District key\"DID*\"."
    },
    { ERR_NEWORDER_ITEMID_INVALID,
      "New Order Item Id is wrong data type, must be numeric."
    },
    { ERR_NEWORDER_ITEMID_RANGE,
      "New Order Item Id is out of range. Range = 1 to 999999."
    },
    { ERR_NEWORDER_ITEMID_WITHOUT_SUPPW,
      "New Order Item_Id field entered without a corresponding Supp_W."
    },
    { ERR_NEWORDER_MISSING_IID_KEY,
      "New Order missing Item Id key\"IID*\"."
    },
    { ERR_NEWORDER_MISSING_QTY_KEY,
      "New Order Missing Qty key\"Qty##*\"."
    },
    { ERR_NEWORDER_MISSING_SUPPW_KEY,
      "New Order missing Supp_W key\"SP##*\"."
    },
    { ERR_NEWORDER_NOITEMS_ENTERED,
      "New Order No order lines entered."
    },
    { ERR_NEWORDER_QTY_INVALID,
      "New Order Qty invalid must be numeric range 1 - 99."
    },
    { ERR_NEWORDER_QTY_RANGE,
      "New Order Qty is out of

```

```

range. Range = 1 to 99."
},
    {
ERR_NEWORDER_QTY_WITHOUT_SUPPW,
"New Order Qty field entered without a corresponding Supp_W."
},
    {
ERR_NEWORDER_SUPPW_INVALID,
"New Order Supp_W invalid data type must be numeric."
},
    {
ERR_NO_SERVER_SPECIFIED,
"No Server name specified."
},
},
    {
ERR_ORDERSTATUS_CID_AND_CLT,
"Order Status Only Customer ID or Last Name may be entered, not
both."
},
    {
ERR_ORDERSTATUS_CID_INVALID,
"Order Status Customer ID invalid, range must be numeric 1 - 3000."
},
    {
ERR_ORDERSTATUS_CLT_RANGE,
"Order Status Customer last name longer than 16 characters."
},
},
    {
ERR_ORDERSTATUS_DID_INVALID,
"Order Status District invalid, value must be numeric 1 - 10."
},
},
    {
ERR_ORDERSTATUS_MISSING_CID_CLT,
"Order Status Either Customer ID or Last Name must be entered."
},
},
    {
ERR_ORDERSTATUS_MISSING_CID_KEY,
"Order Status missing Customer key \"CID*\"."
},
},
    {
ERR_ORDERSTATUS_MISSING_CLT_KEY,
"Order Status missing Customer Last Name key \"CLT*\"."
},
},
    {
ERR_ORDERSTATUS_MISSING_DID_KEY,
"Order Status missing District key \"DID*\"."
},
},
    {
ERR_PAYMENT_CDI_INVALID,
"Payment Customer district invalid
must be numeric."
},
    {
ERR_PAYMENT_CID_AND_CLT,
"Payment Only Customer ID or Last
Name may be entered, not both."
},
},
    {
ERR_PAYMENT_CUSTOMER_INVALID,
"Payment Customer data type invalid, must be numeric."
},
},
    {
ERR_PAYMENT_CWI_INVALID,
"Payment Customer Warehouse
invalid, must be numeric."
},
},
    {
ERR_PAYMENT_DISTRICT_INVALID,
"Payment District ID is invalid, must be 1 - 10."
},
},
    {
ERR_PAYMENT_HAM_INVALID,
"Payment Amount invalid data type
must be numeric."
},
},
    {
ERR_PAYMENT_HAM_RANGE,
"Payment Amount out of

```

```

range, 0 - 9999.99."
},
    {
ERR_PAYMENT_LAST_NAME_TO_LONG,
"Payment Customer last name longer than 16 characters."
},
},
    {
ERR_PAYMENT_MISSING_CDI_KEY,
"Payment missing Customer district key \"CDI*\"."
},
},
    {
ERR_PAYMENT_MISSING_CID_CLT,
"Payment Either Customer ID or Last Name must be entered."
},
},
    {
ERR_PAYMENT_MISSING_CID_KEY,
"Payment missing Customer Key \"CID*\"."
},
},
    {
ERR_PAYMENT_MISSING_CLT_KEY,
"Payment missing Customer Last Name key \"CLT*\"."
},
},
    {
ERR_PAYMENT_MISSING_CWI_KEY,
"Payment missing Customer Warehouse key \"CWI*\"."
},
},
    {
ERR_PAYMENT_MISSING_DID_KEY,
"Payment missing District Key \"DID*\"."
},
},
    {
ERR_PAYMENT_MISSING_HAM_KEY,
"Payment missing Amount key \"HAM*\"."
},
},
},
    {
ERR_STOCKLEVEL_MISSING_THRESHOLD_KEY,
"Stock Level; missing Threshold key \"TT*\"."
},
},
    {
ERR_STOCKLEVEL_THRESHOLD_INVALID,
"Stock Level; Threshold value must be in the range = 1 - 99."
},
},
    {
ERR_STOCKLEVEL_THRESHOLD_RANGE,
"Stock Level Threshold out of range, range must be 1 - 99."
},
},
    {
ERR_VERSION_MISMATCH,
"Invalid version field. RTE and Web
Client are probably out of sync."
},
    {
ERR_W_ID_INVALID,
"Invalid Warehouse ID."
},
},
},
    {
0,
""
},
},
};

char szTmp[256];
int i = 0;
while (TRUE)
{
    if (errorMsgs[i].szMsg[0] == 0)
    {
        strcpy( szTmp, "Unknown error
number.");
    }
}

```

```

                break;
            }
            if (m_Error == errorMsgs[i].iError)
            {
                strcpy( szTmp, errorMsgs[i].szMsg );
                break;
            }
            i++;
        }

        if (m_szTextDetail)
            strcat( szTmp, m_szTextDetail );
        if (m_SystemErr)
            sprintf( szTmp+strlen(szTmp), " Error=%d",
m_SystemErr );

        m_szErrorText = new char[strlen(szTmp)+1];
        strcpy( m_szErrorText, szTmp );
        return m_szErrorText;
    }

/* FUNCTION: GetKeyValue
*
* PURPOSE:      This function parses a http formatted string for
specific key values.
*
* ARGUMENTS:   char                *pQueryString
http string from client browser
*
*              char
* pKey          key value to look for
*              char
* pValue       character array into which to place
key's value
*
*              int
iMax          maximum length of key
value array.
*
*              WEBERROR
err           error value to throw
*
* RETURNS:     nothing.
*
* ERROR:       if (the pKey value is not found) then
if (err == 0)
*
return (empty string)
*
*              else
*
throw CWEBCLNT_ERR(err)
*
* COMMENTS:    http keys are formatted either KEY=value& or
KEY=value\0. This DLL formats
*
*              TPC-C input fields in
such a manner that the keys can be extracted in the
*
*              above manner.
*/

void GetKeyValue(char **pQueryString, char *pKey, char *pValue,
int iMax, WEBERROR err)
{
    char *ptr;

    if ( !(ptr=strstr(*pQueryString, pKey)) )
        goto ErrorExit;
    ptr += strlen(pKey);
    if ( *ptr != '=' )
        goto ErrorExit;
    ptr++;

```

```

        iMax--; // one position is for terminating null
        while( *ptr && *ptr != '&' && iMax)
        {
            *pValue++ = *ptr++;
            iMax--;
        }
        *pValue = 0; // terminating null

        *pQueryString = ptr;
        return;
    }

ErrorExit:
    if (err != NO_ERR)
        throw new CWEBCLNT_ERR( err );
        *pValue = 0; // return empty result string
    }

/* FUNCTION: GetIntKeyValue
*
* PURPOSE:      This function parses a http formatted string for a
specific key value.
*
* ARGUMENTS:   char                *pQueryString
http string from client browser
*
*              char
* pKey          key value to look for
*              WEBERROR
NoKeyErr       error value to throw if key not found
*              WEBERROR
NotIntErr      error value to throw if value not numeric
*
* RETURNS:     integer
*
* ERROR:       if (the pKey value is not found) then
if (NoKeyErr
!= NO_ERR)
*
throw CWEBCLNT_ERR(err)
*
*              else
*
return 0
*
*              else if (non-numeric char
found) then
*
*              if (NotIntErr !=
NO_ERR) then
*
throw CWEBCLNT_ERR(err)
*
*              else
*
return 0
*
* COMMENTS:    http keys are formatted either KEY=value& or
KEY=value\0. This DLL formats
*
*              TPC-C input fields in
such a manner that the keys can be extracted in the
*
*              above manner.
*/

int GetIntKeyValue(char **pQueryString, char *pKey, WEBERROR
NoKeyErr, WEBERROR NotIntErr)
{
    char *ptr0;
    char *ptr;

    if ( !(ptr=strstr(*pQueryString, pKey)) )
        goto ErrorNoKey;
    ptr += strlen(pKey);

```

```

if ( *ptr != '=' )
    goto ErrorNoKey;
ptr++;

ptr0 = ptr;          // remember starting point
// scan string until a terminator (null or &) or a non-digit
while( *ptr && *ptr != '&' && isdigit(*ptr) )
    ptr++;

// make sure we stopped scanning for the right reason
if ((ptr0 == ptr) || (*ptr && *ptr != '&'))
{
    if (NotIntErr != NO_ERR)
        throw new CWEBCLNT_ERR(
NoKeyErr);
    return 0;
}

*pQueryString = ptr;
return atoi(ptr0);

ErrorNoKey:
if (NoKeyErr != NO_ERR)
    throw new CWEBCLNT_ERR( NoKeyErr );
return 0;
}

/* FUNCTION: TermInit
*
* PURPOSE:      This function initializes the client terminal
structure; it is called when the TPCC.DLL
*
*               is first loaded by the inet service.
*
*/

void TermInit(void)
{
    EnterCriticalSection(&TermCriticalSection);

    Term.iMasterSyncId = 1;
    Term.iNumEntries = Reg.dwMaxConnections+1;

    Term.pClientData = NULL;
    Term.pClientData =
(PCLIENTDATA)malloc(Term.iNumEntries*
sizeof(CLIENTDATA));
    if (Term.pClientData == NULL)
    {
        LeaveCriticalSection(&TermCriticalSection);
        throw new CWEBCLNT_ERR(
ERR_MEM_ALLOC_FAILED);
    }

    ZeroMemory( Term.pClientData, Term.iNumEntries *
sizeof(CLIENTDATA));

    Term.iFreeList = Term.iNumEntries-1;
    // build free list
    // note: Term.pClientData[0].iNextFree gets set to -1, which
marks it as "in use".
    // This is intentional, as the zero entry is used as an
anchor and never
    // allocated as an actual terminal.
    for(int i=0; i<Term.iNumEntries; i++)
        Term.pClientData[i].iNextFree = i-1;

    LeaveCriticalSection(&TermCriticalSection);
}

```

```

/* FUNCTION: TermDeleteAll
*
* PURPOSE:      This function frees allocated resources
associated with the terminal structure.
*
* ARGUMENTS:   none
*
* RETURNS:     None
*
* COMMENTS:    This function is called only when the inet service
unloads the TPCC.DLL
*/

void TermDeleteAll(void)
{
    EnterCriticalSection(&TermCriticalSection);

    for(int i=1; i<Term.iNumEntries; i++)
    {
        if (Term.pClientData[i].iNextFree == -1)
            delete Term.pClientData[i].pTxn;
    }

    Term.iFreeList = 0;
    Term.iNumEntries = 0;
    if ( Term.pClientData )
        free(Term.pClientData);
    Term.pClientData = NULL;

    LeaveCriticalSection(&TermCriticalSection);
}

/* FUNCTION: TermAdd
*
* PURPOSE:      This function assigns a terminal id which is used
to identify a client browser.
*
* RETURNS:     int assigned
terminal id
*/

int TermAdd(void)
{
    DWORD i;
    int iNewTerm, iTickCount;

    if (Term.iNumEntries == 0)
        return -1;

    EnterCriticalSection(&TermCriticalSection);
    if (Term.iFreeList != 0)
    {
        // position is available
        iNewTerm = Term.iFreeList;
        Term.iFreeList =
Term.pClientData[iNewTerm].iNextFree;
        Term.pClientData[iNewTerm].iNextFree = -1; //
indicates this position is in use
    }
    else
    {
        // no open slots, so find the slot that hasn't been
used in the longest time and reuse it
        for(iNewTerm=1, i=1,
iTickCount=0x7FFFFFFF; i<Reg.dwMaxConnections; i++)
        {

```

```

        if (iTickCount >
Term.pClientData[i].iTickCount)
        {
            iTickCount =
Term.pClientData[i].iTickCount;
            iNewTerm = i;
        }
        // if oldest term is less than one minute old, it
probably means that more connections
        // are being attempted than were specified as
"Max Connections" at install. In this case,
        // do not bump existing connection; instead,
return error to requestor.
        if ((GetTickCount() - iTickCount) < 60000)
        {
LeaveCriticalSection(&TermCriticalSection);
            throw new CWEBCLNT_ERR(
ERR_MAX_CONNECTIONS_EXCEEDED);
        }

        Term.pClientData[iNewTerm].iTickCount =
GetTickCount();
        Term.pClientData[iNewTerm].iSyncId =
Term.iMasterSyncId++;
        Term.pClientData[iNewTerm].pTxn = NULL;

        LeaveCriticalSection(&TermCriticalSection);
        return iNewTerm;
}

/* FUNCTION: TermDelete
*
* PURPOSE:      This function makes a terminal entry in the Term
array available for reuse.
*
* ARGUMENTS:   int
               id                Terminal id of client exiting
*
*/

void TermDelete(int id)
{
    if ( id > 0 && id < Term.iNumEntries )
    {
        delete Term.pClientData[id].pTxn;

        // put onto free list
        EnterCriticalSection(&TermCriticalSection);

        Term.pClientData[id].iNextFree =
Term.iFreeList;
        Term.iFreeList = id;

        LeaveCriticalSection(&TermCriticalSection);
    }
}

/* FUNCTION: MakeErrorForm
*/

void ErrorForm(EXTENSION_CONTROL_BLOCK *pECB, int
iType, int iErrorNum, int iTermId, int iSyncId, char *szErrorText, char
*szBuffer )
{

```

```

        wsprintf(szBuffer,
                "<HTML><HEAD><TITLE>TPC-C
Error</TITLE></HEAD><BODY>"
                "<FORM ACTION='tpcc.dll'"
METHOD="GET">"
                "<INPUT TYPE='hidden'"
NAME="STATUSID" VALUE="%d">"
                "<INPUT TYPE='hidden'" NAME="ERROR"
VALUE="%d">"
                "<INPUT TYPE='hidden'"
NAME="FORMID" VALUE="%d">"
                "<INPUT TYPE='hidden'"
NAME="TERMID" VALUE="%d">"
                "<INPUT TYPE='hidden'"
NAME="SYNCID" VALUE="%d">"
                "<BOLD>An Error
Occurred</BOLD><BR><BR>"
                "%s"
                "<BR><BR><HR>"
                "<INPUT TYPE='submit'" NAME="CMD"
VALUE="..NewOrder..">"
                "<INPUT TYPE='submit'" NAME="CMD"
VALUE="..Payment..">"
                "<INPUT TYPE='submit'" NAME="CMD"
VALUE="..Delivery..">"
                "<INPUT TYPE='submit'" NAME="CMD"
VALUE="..Order-Status..">"
                "<INPUT TYPE='submit'" NAME="CMD"
VALUE="..Stock-Level..">"
                "<INPUT TYPE='submit'" NAME="CMD"
VALUE="..Exit..">"
                "</FORM></BODY></HTML>"
                , iType, iErrorNum, MAIN_MENU_FORM,
iTermId, iSyncId, szErrorText );
}

/* FUNCTION: MakeMainMenuForm
*/

void MakeMainMenuForm(int iTermId, int iSyncId, char *szForm)
{
    wsprintf(szForm,
            "<HTML><HEAD><TITLE>TPC-CMain
Menu</TITLE></HEAD><BODY>"
            "Select Desired Transaction.<BR><HR>"
            "<FORM ACTION='tpcc.dll'"
METHOD="GET">"
            "<INPUT TYPE='hidden'"
NAME="STATUSID" VALUE="0">"
            "<INPUT TYPE='hidden'" NAME="ERROR"
VALUE="0">"
            "<INPUT TYPE='hidden'"
NAME="FORMID" VALUE="%d">"
            "<INPUT TYPE='hidden'"
NAME="TERMID" VALUE="%d">"
            "<INPUT TYPE='hidden'"
NAME="SYNCID" VALUE="%d">"
            "<INPUT TYPE='submit'" NAME="CMD"
VALUE="..NewOrder..">"
            "<INPUT TYPE='submit'" NAME="CMD"
VALUE="..Payment..">"
            "<INPUT TYPE='submit'" NAME="CMD"
VALUE="..Delivery..">"
            "<INPUT TYPE='submit'" NAME="CMD"
VALUE="..Order-Status..">"
            "<INPUT TYPE='submit'" NAME="CMD"
VALUE="..Stock-Level..">"

```

```

        "<INPUT TYPE=\"submit\" NAME=\"CMD\"
VALUE=\"..Exit..\">"
    "</FORM></BODY></HTML>"
    , MAIN_MENU_FORM, iTermId, iSyncId);
}

/* FUNCTION: MakeStockLevelForm
*
* PURPOSE:      This function constructs the Stock Level HTML
page.
*
* COMMENTS:    The internal client buffer is created when the
terminal id is assigned and should not
*
*              be freed except when the
client terminal id is no longer needed.
*/

void MakeStockLevelForm(int iTermId, STOCK_LEVEL_DATA
*pStockLevelData, BOOL bInput, char *szForm)
{
    int      c;

    c = wsprintf(szForm,
        "<HTML><HEAD><TITLE>TPC-C Stock
Level</TITLE></HEAD><FORM ACTION=\"tpcc.dll\"
METHOD=\"GET\">"
        "<INPUT TYPE=\"hidden\"
NAME=\"STATUSID\" VALUE=\"0\">"
        "<INPUT TYPE=\"hidden\" NAME=\"ERROR\"
VALUE=\"0\">"
        "<INPUT TYPE=\"hidden\"
NAME=\"FORMID\" VALUE=\"%d\">"
        "<INPUT TYPE=\"hidden\"
NAME=\"TERMINID\" VALUE=\"%d\">"
        "<INPUT TYPE=\"hidden\"
NAME=\"SYNCID\" VALUE=\"%d\">"
        "<PRE><font face=\"Courier\">
    Stock-Level<BR>"
        "Warehouse: %6.6d District: %2.2d<BR>
<BR>",
        STOCK_LEVEL_FORM, iTermId,
        Term.pClientData[iTermId].iSyncId,
        Term.pClientData[iTermId].w_id,
        Term.pClientData[iTermId].d_id);

    if ( bInput )
    {
        strcpy(szForm+c,
            "Stock Level Threshold: <INPUT
NAME=\"TT*\" SIZE=2><BR><BR>"
            "low stock: </font><BR> <BR>
<BR> <BR> <BR> <BR> <BR> <BR> <BR>"
            "<BR> <BR> <BR> <BR> <BR>
<BR> <BR></PRE><HR>"
            "<INPUT TYPE=\"submit\"
NAME=\"CMD\" VALUE=\"Process\">"
            "<INPUT TYPE=\"submit\"
NAME=\"CMD\" VALUE=\"Menu\">"
            "</FORM></HTML>");
    }
    else
    {
        wsprintf(szForm+c,
            "Stock Level Threshold: %2.2d<BR>
<BR>"
            "low stock: %3.3d</font> <BR>
<BR> <BR> <BR> <BR> <BR> <BR> <BR> <BR>");
    }
}

```

```

        "<BR> <BR> <BR> <BR> <BR>
<BR> <BR> <BR></PRE><HR>"
        "<INPUT TYPE=\"submit\"
NAME=\"CMD\" VALUE=\"..NewOrder..\">"
        "<INPUT TYPE=\"submit\"
NAME=\"CMD\" VALUE=\"..Payment..\">"
        "<INPUT TYPE=\"submit\"
NAME=\"CMD\" VALUE=\"..Delivery..\">"
        "<INPUT TYPE=\"submit\"
NAME=\"CMD\" VALUE=\"..Order-Status..\">"
        "<INPUT TYPE=\"submit\"
NAME=\"CMD\" VALUE=\"..Stock-Level..\">"
        "<INPUT TYPE=\"submit\"
NAME=\"CMD\" VALUE=\"..Exit..\">"
        "</FORM></HTML>"
        , pStockLevelData->threshold,
pStockLevelData->low_stock);
    }
}

/* FUNCTION: MakeNewOrderForm
*
* COMMENTS:    The internal client buffer is created when the
terminal id is assigned and should not
*
*              be freed except when the
client terminal id is no longer needed.
*/

void MakeNewOrderForm(int iTermId, NEW_ORDER_DATA
*pNewOrderData, BOOL bInput, char *szForm)
{
    int      i, c;
    BOOL     bValid;
    static   char szBR[] = " <BR> <BR> <BR> <BR>
<BR> <BR> <BR> <BR> <BR> <BR> <BR> <BR> <BR>
<BR>";

    if (!bInput)
        assert( pNewOrderData->exec_status_code ==
eOK || pNewOrderData->exec_status_code == eInvalidItem);

    bValid = (bInput || (pNewOrderData->exec_status_code ==
eOK));

    c = wsprintf(szForm,
        "<HTML><HEAD><TITLE>TPC-C New
Order</TITLE></HEAD><BODY>"
        "<FORM ACTION=\"tpcc.dll\"
METHOD=\"GET\">"
        "<INPUT TYPE=\"hidden\"
NAME=\"STATUSID\" VALUE=\"%d\">"
        "<INPUT TYPE=\"hidden\" NAME=\"ERROR\"
VALUE=\"0\">"
        "<INPUT TYPE=\"hidden\"
NAME=\"FORMID\" VALUE=\"%d\">"
        "<INPUT TYPE=\"hidden\"
NAME=\"TERMINID\" VALUE=\"%d\">"
        "<INPUT TYPE=\"hidden\"
NAME=\"SYNCID\" VALUE=\"%d\">"
        "<PRE><font face=\"Courier\">
    New Order<BR>"
        , bValid ? 0 : ERR_BAD_ITEM_ID,
NEW_ORDER_FORM, iTermId,
Term.pClientData[iTermId].iSyncId);

    if ( bInput )
    {

```



```

        c += sprintf(szForm+c, "Warehouse: %6.6d ",
Term.pClientData[iTermId].w_id);

        strcpy( szForm+c,
                "District: <INPUT NAME=\"DID*\"
SIZE=1>
                Date:<BR>"
                "Customer: <INPUT
NAME=\"CID*\" SIZE=4> Name:
                Credit:
                %Disc:<BR>"
                "Order Number:
                Number of
Lines:
                W_tax:
                D_tax:<BR> <BR>"
                " Supp_W Item_Id Item Name
                Qty Stock B/G Price
                Amount<BR>"
                " <INPUT NAME=\"SP00*\"
SIZE=4> <INPUT NAME=\"IID00*\" SIZE=6>
<INPUT NAME=\"Qty00*\" SIZE=1><BR>"
                " <INPUT NAME=\"SP01*\"
SIZE=4> <INPUT NAME=\"IID01*\" SIZE=6>
<INPUT NAME=\"Qty01*\" SIZE=1><BR>"
                " <INPUT NAME=\"SP02*\"
SIZE=4> <INPUT NAME=\"IID02*\" SIZE=6>
<INPUT NAME=\"Qty02*\" SIZE=1><BR>"
                " <INPUT NAME=\"SP03*\"
SIZE=4> <INPUT NAME=\"IID03*\" SIZE=6>
<INPUT NAME=\"Qty03*\" SIZE=1><BR>"
                " <INPUT NAME=\"SP04*\"
SIZE=4> <INPUT NAME=\"IID04*\" SIZE=6>
<INPUT NAME=\"Qty04*\" SIZE=1><BR>"
                " <INPUT NAME=\"SP05*\"
SIZE=4> <INPUT NAME=\"IID05*\" SIZE=6>
<INPUT NAME=\"Qty05*\" SIZE=1><BR>"
                " <INPUT NAME=\"SP06*\"
SIZE=4> <INPUT NAME=\"IID06*\" SIZE=6>
<INPUT NAME=\"Qty06*\" SIZE=1><BR>"
                " <INPUT NAME=\"SP07*\"
SIZE=4> <INPUT NAME=\"IID07*\" SIZE=6>
<INPUT NAME=\"Qty07*\" SIZE=1><BR>"
                " <INPUT NAME=\"SP08*\"
SIZE=4> <INPUT NAME=\"IID08*\" SIZE=6>
<INPUT NAME=\"Qty08*\" SIZE=1><BR>"
                " <INPUT NAME=\"SP09*\"
SIZE=4> <INPUT NAME=\"IID09*\" SIZE=6>
<INPUT NAME=\"Qty09*\" SIZE=1><BR>"
                " <INPUT NAME=\"SP10*\"
SIZE=4> <INPUT NAME=\"IID10*\" SIZE=6>
<INPUT NAME=\"Qty10*\" SIZE=1><BR>"
                " <INPUT NAME=\"SP11*\"
SIZE=4> <INPUT NAME=\"IID11*\" SIZE=6>
<INPUT NAME=\"Qty11*\" SIZE=1><BR>"
                " <INPUT NAME=\"SP12*\"
SIZE=4> <INPUT NAME=\"IID12*\" SIZE=6>
<INPUT NAME=\"Qty12*\" SIZE=1><BR>"
                " <INPUT NAME=\"SP13*\"
SIZE=4> <INPUT NAME=\"IID13*\" SIZE=6>
<INPUT NAME=\"Qty13*\" SIZE=1><BR>"
                " <INPUT NAME=\"SP14*\"
SIZE=4> <INPUT NAME=\"IID14*\" SIZE=6>
<INPUT NAME=\"Qty14*\" SIZE=1><BR>"
                "Execution Status:
                Total:<BR>"
                "</font></PRE><HR>"
                "<INPUT TYPE=\"submit\"
NAME=\"CMD\" VALUE=\"Process\">"
                "<INPUT TYPE=\"submit\"
NAME=\"CMD\" VALUE=\"Menu\">"
                "</FORM></HTML>"
                );
}

```

```

        else
        {
                c += sprintf(szForm+c, "Warehouse: %6.6d
District: %2.2d
                Date: ",
                pNewOrderData->w_id,
                pNewOrderData->d_id);

                if ( bValid )
                {
                        c += sprintf(szForm+c,
"%2.2d-%2.2d-%4.4d %2.2d:%2.2d:%2.2d",
pNewOrderData->o_entry_d.day,
pNewOrderData->o_entry_d.month,
pNewOrderData->o_entry_d.year,
pNewOrderData->o_entry_d.hour,
pNewOrderData->o_entry_d.minute,
pNewOrderData->o_entry_d.second);
                }

                c += sprintf(szForm+c, "<BR>Customer:
%4.4d Name: %-16s Credit: %-2s ",
                pNewOrderData->c_id,
                pNewOrderData->c_last, pNewOrderData->c_credit);

                if ( bValid )
                {
                        c += sprintf(szForm+c,
"%%Disc: %5.2f
                <BR>"
                "Order Number: %8.8d Number of Lines: %2.2d
                W_tax: %5.2f
                D_tax: %5.2f <BR> <BR>"
                "
                Supp_W Item_Id Item Name
                Qty Stock B/G Price
                Amount<BR>",
                100.0*pNewOrderData->c_discount,
                pNewOrderData->o_id,
                pNewOrderData->o_ol_cnt,
                100.0 *
                pNewOrderData->w_tax,
                100.0 *
                pNewOrderData->d_tax);

                        for(i=0;
i<pNewOrderData->o_ol_cnt; i++)
                        {
                                c += sprintf(szForm+c, "
%6.6d %6.6d %-24s %2.2d %3.3d %1.1s $%6.2f $%7.2f
<BR>",
                pNewOrderData->OL[i].ol_supply_w_id,
                pNewOrderData->OL[i].ol_i_id,
                pNewOrderData->OL[i].ol_i_name,
                pNewOrderData->OL[i].ol_quantity,
                pNewOrderData->OL[i].ol_stock,

```

```

pNewOrderData->OL[i].ol_brand_generic,
pNewOrderData->OL[i].ol_i_price,
pNewOrderData->OL[i].ol_amount );
    }
    else
    {
        c += sprintf(szForm+c,
                    "% Disc:<BR>"
                    "Order Number: %8.8d
Number of Lines:      W_tax:      D_tax:<BR> <BR>"
                    " Supp_W Item_Id Item
Name          Qty Stock B/G Price  Amount<BR>"
                    , pNewOrderData->o_id);

        i = 0;
    }

strncpy( szForm+c, szBR, (15-i)*5 );
c += (15-i)*5;

if ( bValid )
    c += sprintf(szForm+c, "Execution
Status: Transaction committed.      Total: $%8.2f ",

pNewOrderData->total_amount);
    else
    c += sprintf(szForm+c, "Execution
Status: Item number is not valid.      Total:");

    strcpy(szForm+c,
           "<BR></font></PRE><HR>"
           "<INPUT TYPE=\"submit\""
NAME=\"CMD\" VALUE=\"..NewOrder..\">"
           "<INPUT TYPE=\"submit\""
NAME=\"CMD\" VALUE=\"..Payment..\">"
           "<INPUT TYPE=\"submit\""
NAME=\"CMD\" VALUE=\"..Delivery..\">"
           "<INPUT TYPE=\"submit\""
NAME=\"CMD\" VALUE=\"..Order-Status..\">"
           "<INPUT TYPE=\"submit\""
NAME=\"CMD\" VALUE=\"..Stock-Level..\">"
           "<INPUT TYPE=\"submit\""
NAME=\"CMD\" VALUE=\"..Exit..\">"
           "</FORM></HTML>"
           );
    }

/* FUNCTION: MakePaymentForm
*
* COMMENTS:   The internal client buffer is created when the
terminal id is assigned and should not
*              be freed except when the
client terminal id is no longer needed.
*/

void MakePaymentForm(int iTermId, PAYMENT_DATA
*pPaymentData, BOOL bInput, char *szForm)
{
    int c;

    c = sprintf(szForm,
               "<HTML><HEAD><TITLE>TPC-C
Payment</TITLE></HEAD><BODY>"

```

```

" <FORM ACTION=\"tpcc.dll\"
METHOD=\"GET\">"
" <INPUT TYPE=\"hidden\"
NAME=\"STATUSID\" VALUE=\"0\">"
" <INPUT TYPE=\"hidden\" NAME=\"ERROR\"
VALUE=\"0\">"
" <INPUT TYPE=\"hidden\"
NAME=\"FORMID\" VALUE=\"%d\">"
" <INPUT TYPE=\"hidden\"
NAME=\"TERMINID\" VALUE=\"%d\">"
" <INPUT TYPE=\"hidden\"
NAME=\"SYNCID\" VALUE=\"%d\">"
" <PRE><font face=\"Courier\">
Payment<BR>"
"Date: "
, PAYMENT_FORM, iTermId,
Term.pClientData[iTermId].iSyncId);

    if ( !bInput )
    {
        c += sprintf(szForm+c, "% 2.2d-% 2.2d-% 4.4d
% 2.2d:% 2.2d:% 2.2d",

        pPaymentData->h_date.day,
        pPaymentData->h_date.month,
        pPaymentData->h_date.year,
        pPaymentData->h_date.hour,
        pPaymentData->h_date.minute,
        pPaymentData->h_date.second);
    }

    if ( bInput )
    {
        c += sprintf(szForm+c,
                    "<BR> <BR>Warehouse: % 6.6d"
                    " District: <INPUT
NAME=\"DID*\" SIZE=1><BR> <BR> <BR> <BR> <BR>"
                    "Customer: <INPUT
NAME=\"CID*\" SIZE=4>"
                    "Cust-Warehouse: <INPUT
NAME=\"CWI*\" SIZE=6> "
                    "Cust-District: <INPUT
NAME=\"CDI*\" SIZE=1><BR>"
                    "Name:          <INPUT
NAME=\"CLT*\" SIZE=16>      Since:<BR>"
                    "
                    Credit:<BR>"
                    "
                    Disc:<BR>"
                    "
                    Phone:<BR> <BR>"
                    "Amount Paid:      $<INPUT
NAME=\"HAM*\" SIZE=7>      New Cust-Balance:<BR>"
                    "Credit Limit:<BR> <BR>Cust-Data:
<BR> <BR> <BR> <BR> <BR></font></PRE><HR>"
                    "<INPUT TYPE=\"submit\""
NAME=\"CMD\" VALUE=\"Process\"><INPUT TYPE=\"submit\""
NAME=\"CMD\" VALUE=\"Menu\">"
                    "</BODY></FORM></HTML>"
                    , Term.pClientData[iTermId].w_id);
    }
    else
    {
        c += sprintf(szForm+c,
                    "<BR> <BR>Warehouse: % 6.6d
District: % 2.2d<BR>"
                    "% -20s          % -20s<BR>"
                    "% -20s          % -20s<BR>"

```

```

"%-20s %-2s %5.5s-%4.4s  %-20s
%-2s %5.5s-%4.4s<BR> <BR>"
"Customer: %4.4d Cust-Warehouse:
%6.6d Cust-District: %2.2d<BR>"
"Name: %-16s %-2s %-16s
Since: %2.2d-%2.2d-%4.4d<BR>"
" %-20s          Credit:
%-2s<BR>"

, Term.pClientData[iTermId].w_id,
pPaymentData->d_id
, pPaymentData->w_street_1,
pPaymentData->d_street_1
, pPaymentData->w_street_2,
pPaymentData->d_street_2
, pPaymentData->w_city,
pPaymentData->w_state, pPaymentData->w_zip,
pPaymentData->w_zip+5
, pPaymentData->d_city,
pPaymentData->d_state, pPaymentData->d_zip,
pPaymentData->d_zip+5
, pPaymentData->c_id,
pPaymentData->c_d_id
, pPaymentData->c_first,
pPaymentData->c_middle, pPaymentData->c_last
, pPaymentData->c_since.day,
pPaymentData->c_since.month, pPaymentData->c_since.year
, pPaymentData->c_street_1,
pPaymentData->c_credit
);

c += sprintf(szForm+c,
" %-20s          %%Disc:
%5.2f<BR>",
pPaymentData->c_street_2,
100.0*pPaymentData->c_discount);

c += sprintf(szForm+c,
" %-20s %-2s %5.5s-%4.4s
Phone: %6.6s-%3.3s-%3.3s-%4.4s<BR> <BR>",
pPaymentData->c_city,
pPaymentData->c_state, pPaymentData->c_zip,
pPaymentData->c_zip+5,
pPaymentData->c_phone,
pPaymentData->c_phone+6, pPaymentData->c_phone+9,
pPaymentData->c_phone+12 );

c += sprintf(szForm+c,
"Amount Paid:      $%7.2f  New
Cust-Balance: $%14.2f<BR>"
<BR>"
"Credit Limit:  $%13.2f<BR>
, pPaymentData->h_amount,
pPaymentData->c_balance
, pPaymentData->c_credit_lim
);

if ( pPaymentData->c_credit[0] == 'B' &&
pPaymentData->c_credit[1] == 'C' )
c += sprintf(szForm+c,
"Cust-Data:
%-50.50s<BR>  %-50.50s<BR>  %-50.50s<BR>
%-50.50s<BR>",
pPaymentData->c_data, pPaymentData->c_data+50,
pPaymentData->c_data+100, pPaymentData->c_data+150 );
else

```

```

strcpy(szForm+c, "Cust-Data: <BR>
<BR> <BR> <BR>");
strcat(szForm, "
<BR></font></PRE><HR>"
"<INPUT TYPE='submit' NAME='CMD'
VALUE='..NewOrder..'>"
"<INPUT TYPE='submit' NAME='CMD'
VALUE='..Payment..'>"
"<INPUT TYPE='submit' NAME='CMD'
VALUE='..Delivery..'>"
"<INPUT TYPE='submit' NAME='CMD'
VALUE='..Order-Status..'>"
"<INPUT TYPE='submit' NAME='CMD'
VALUE='..Stock-Level..'>"
"<INPUT TYPE='submit' NAME='CMD' VALUE='..Exit..'>"
"</BODY></FORM></HTML>");
}
}

/* FUNCTION: MakeOrderStatusForm
*
* COMMENTS:   The internal client buffer is created when the
terminal id is assigned and should not          be freed except when the
client terminal id is no longer needed.
*/

void MakeOrderStatusForm(int iTermId, ORDER_STATUS_DATA
*pOrderStatusData, BOOL bInput, char *szForm)
{
int          i, c;
static char szBR[] = " <BR> <BR> <BR> <BR> <BR>
<BR> <BR> <BR> <BR> <BR> <BR> <BR> <BR> <BR> <BR>";

c = sprintf(szForm,
"<HTML><HEAD><TITLE>TPC-C
Order-Status</TITLE></HEAD><BODY>"
"<FORM ACTION='tpcc.dll'
METHOD='GET'>"
"<INPUT TYPE='hidden'
NAME='STATUSID' VALUE='0'>"
"<INPUT TYPE='hidden' NAME='ERROR'
VALUE='0'>"
"<INPUT TYPE='hidden'
NAME='FORMID' VALUE='%d'>"
"<INPUT TYPE='hidden'
NAME='TERMINID' VALUE='%d'>"
"<INPUT TYPE='hidden'
NAME='SYNCID' VALUE='%d'>"
"<PRE><font face='Courier'>
Order-Status<BR>"
"Warehouse: %6.6d ",
ORDER_STATUS_FORM, iTermId,
Term.pClientData[iTermId].iSyncId,
Term.pClientData[iTermId].w_id);

if ( bInput )
{
strcpy(szForm+c,

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```

        "District: <INPUT NAME=\"DID*\"
SIZE=1><BR>"
        "Customer: <INPUT
NAME=\"CID*\" SIZE=4> Name:
NAME=\"CLT*\" SIZE=23><BR>"
        "Cust-Balance:<BR> <BR>"
        "Order-Number:      Entry-Date:
Carrier-Number:<BR>"
        "Supply-W Item-Id Qty
Amount Delivery-Date<BR> <BR> <BR> <BR> <BR>"
        " <BR> <BR> <BR> <BR> <BR>
<BR> <BR> <BR> <BR> <BR> <BR></font></PRE>"
        "<HR><INPUT TYPE=\"submit\"
NAME=\"CMD\" VALUE=\"Process\"><INPUT TYPE=\"submit\"
NAME=\"CMD\" VALUE=\"Menu\">"
        "</BODY></FORM></HTML>");
    }
    else
    {
        c += sprintf(szForm+c,
        "District: %2.2d<BR>"
        "Customer: %4.4d Name: %-16s
%-2s %-16s<BR>",
        pOrderStatusData->d_id,
        pOrderStatusData->c_id,
        pOrderStatusData->c_first,
        pOrderStatusData->c_middle, pOrderStatusData->c_last);

        c += sprintf(szForm+c, "Cust-Balance:
%9.2f<BR> <BR>",
        pOrderStatusData->c_balance);

        c += sprintf(szForm+c,
        "Order-Number: %8.8d Entry-Date:
%2.2d-%2.2d-%4.4d %2.2d:%2.2d:%2.2d Carrier-Number:
%2.2d<BR>"
        "Supply-W Item-Id Qty
Amount Delivery-Date<BR>",
        pOrderStatusData->o_id,
        pOrderStatusData->o_entry_d.day,
        pOrderStatusData->o_entry_d.month,
        pOrderStatusData->o_entry_d.year,
        pOrderStatusData->o_entry_d.hour,

        pOrderStatusData->o_entry_d.minute,

        pOrderStatusData->o_entry_d.second,
        pOrderStatusData->o_carrier_id);

        for(i=0; i< pOrderStatusData->o_ol_cnt; i++)
        {
            c += sprintf(szForm+c, " %6.6d
%6.6d %2.2d %8.2f %2.2d-%2.2d-%4.4d<BR>",
            pOrderStatusData->OL[i].ol_supply_w_id,
            pOrderStatusData->OL[i].ol_i_id,
            pOrderStatusData->OL[i].ol_quantity,
            pOrderStatusData->OL[i].ol_amount,
            pOrderStatusData->OL[i].ol_delivery_d.day,
            pOrderStatusData->OL[i].ol_delivery_d.month,
            pOrderStatusData->OL[i].ol_delivery_d.year);
        }
    }

```

```

        strncpy( szForm+c, szBR, (15-i)*5);
        c += (15-i)*5;

        strcpy(szForm+c,
        "</font></PRE><HR><INPUT
TYPE=\"submit\" NAME=\"CMD\" VALUE=\"..NewOrder..\">"
        "<INPUT TYPE=\"submit\"
NAME=\"CMD\" VALUE=\"..Payment..\">"
        "<INPUT TYPE=\"submit\"
NAME=\"CMD\" VALUE=\"..Delivery..\">"
        "<INPUT TYPE=\"submit\"
NAME=\"CMD\" VALUE=\"..Order-Status..\">"
        "<INPUT TYPE=\"submit\"
NAME=\"CMD\" VALUE=\"..Stock-Level..\">"
        "<INPUT TYPE=\"submit\"
NAME=\"CMD\" VALUE=\"..Exit..\">"
        "</BODY></FORM></HTML>");
    }

/* FUNCTION: MakeDeliveryForm
*
* COMMENTS: The internal client buffer is created when the
terminal id is assigned and should not
* be freed except when the
client terminal id is no longer needed.
*/

void MakeDeliveryForm(int iTermId, DELIVERY_DATA
*pDeliveryData, BOOL bInput, char *szForm)
{
    int c;

    c = sprintf(szForm,
    "<HTML><HEAD><TITLE>TPC-C
Delivery</TITLE></HEAD><BODY>"
    "<FORM ACTION=\"tpcc.dll\"
METHOD=\"GET\">"
    "<INPUT TYPE=\"hidden\"
NAME=\"STATUSID\" VALUE=\"%d\">"
    "<INPUT TYPE=\"hidden\" NAME=\"ERROR\"
VALUE=\"0\">"
    "<INPUT TYPE=\"hidden\"
NAME=\"FORMID\" VALUE=\"%d\">"
    "<INPUT TYPE=\"hidden\"
NAME=\"TERMINID\" VALUE=\"%d\">"
    "<INPUT TYPE=\"hidden\"
NAME=\"SYNCID\" VALUE=\"%d\">"
    "<PRE><font face=\"Courier\">
Delivery<BR>"
    "Warehouse: %6.6d<BR> <BR>",
    (!bInput && (pDeliveryData->exec_status_code
!= eOK)) ? ERR_TYPE_DELIVERY_POST : 0,
    DELIVERY_FORM, iTermId,
    Term.pClientData[iTermId].iSyncId,
    Term.pClientData[iTermId].w_id);

    if ( bInput )
    {
        strcpy( szForm+c,
        "Carrier Number: <INPUT
NAME=\"OCD*\" SIZE=1><BR> <BR>"
        "Execution Status: <BR> <BR>
<BR> <BR> <BR> <BR> <BR> <BR>
" <BR> <BR> <BR> <BR> <BR> <BR>
<BR> <BR> <BR> </font></PRE><HR>"

```

```

        "<INPUT TYPE=\\"submit\\"
NAME=\\"CMD\\" VALUE=\\"Process\\">"
        "<INPUT TYPE=\\"submit\\"
NAME=\\"CMD\\" VALUE=\\"Menu\\">"
        "</BODY></FORM></HTML>");
    }
    else
    {
        sprintf( szForm+c,
            "Carrier Number: %2.2d<BR>
<BR>"
            "Execution Status: %s <BR> <BR>
<BR> <BR> <BR> <BR> <BR> <BR>"
            "<BR> <BR> <BR> <BR> <BR>
<BR> <BR> <BR> </font></PRE>"
            "<HR><INPUT TYPE=\\"submit\\"
NAME=\\"CMD\\" VALUE=\\"..NewOrder..\\>"
            "<INPUT TYPE=\\"submit\\"
NAME=\\"CMD\\" VALUE=\\"..Payment..\\>"
            "<INPUT TYPE=\\"submit\\"
NAME=\\"CMD\\" VALUE=\\"..Delivery..\\>"
            "<INPUT TYPE=\\"submit\\"
NAME=\\"CMD\\" VALUE=\\"..Order-Status..\\>"
            "<INPUT TYPE=\\"submit\\"
NAME=\\"CMD\\" VALUE=\\"..Stock-Level..\\>"
            "<INPUT TYPE=\\"submit\\"
NAME=\\"CMD\\" VALUE=\\"..Exit..\\>"
        "</BODY></FORM></HTML>"
        , pDeliveryData->o_carrier_id,
        (pDeliveryData->exec_status_code
        == eOK) ? "Delivery has been queued." : "Delivery Post Failed "
        );
    }
}

/* FUNCTION: ProcessNewOrderForm
*
* PURPOSE: This function gets and validates the input data
from the new order form
*
* filling in the required input variables.
it then calls the SQLNewOrder
*
* transaction, constructs the output
form and writes it back to client
*
* browser.
*/

void ProcessNewOrderForm(EXTENSION_CONTROL_BLOCK
*pECB, int iTermId, char *szBuffer)
{
    PNEW_ORDER_DATA pNewOrder;
    BOOL fLocalFlag = FALSE;

    pNewOrder =
Term.pClientData[iTermId].pTxn->BuffAddr_NewOrder();

    ZeroMemory(pNewOrder, sizeof(NEW_ORDER_DATA));
    pNewOrder->w_id = Term.pClientData[iTermId].w_id;
    GetNewOrderData(pECB->lpszQueryString, pNewOrder,
&fLocalFlag);

    Term.pClientData[iTermId].pTxn->NewOrder(fLocalFlag);

    pNewOrder =
Term.pClientData[iTermId].pTxn->BuffAddr_NewOrder();
    MakeNewOrderForm(iTermId, pNewOrder,
OUTPUT_FORM, szBuffer );
#ifdef COUNTSPLIT

```

```

        if (fLocalFlag)
            InterlockedIncrement(&gdwLocalNOCnt);
        else
            InterlockedIncrement(&gdwRemoteNOCnt);
    #endif
}

/* FUNCTION: void ProcessPaymentForm
*
* PURPOSE: This function gets and validates the input data
from the payment form
*
* filling in the required input variables.
It then calls the SQLPayment
*
* transaction, constructs the output
form and writes it back to client
*
* browser.
*
* ARGUMENTS: EXTENSION_CONTROL_BLOCK
*pECB passed in structure pointer from inetsrv.
*
* int iTermId client browser terminal id
*/

void ProcessPaymentForm(EXTENSION_CONTROL_BLOCK
*pECB, int iTermId, char *szBuffer)
{
    PPAYMENT_DATA pPayment;
    BOOL fLocalFlag = FALSE;

    pPayment =
Term.pClientData[iTermId].pTxn->BuffAddr_Payment();
    ZeroMemory(pPayment, sizeof(PAYMENT_DATA));
    pPayment->w_id = Term.pClientData[iTermId].w_id;
    GetPaymentData(pECB->lpszQueryString, pPayment,
&fLocalFlag);

    Term.pClientData[iTermId].pTxn->Payment(fLocalFlag);

    pPayment =
Term.pClientData[iTermId].pTxn->BuffAddr_Payment();
    MakePaymentForm(iTermId, pPayment, OUTPUT_FORM,
szBuffer);
#ifdef COUNTSPLIT
    if (fLocalFlag)
        InterlockedIncrement(&gdwLocalPayCnt);
    else
        InterlockedIncrement(&gdwRemotePayCnt);
#endif
}

/* FUNCTION: ProcessOrderStatusForm
*
* PURPOSE: This function gets and validates the input data
from the Order Status
*
* form filling in the required input
variables. It then calls the
*
* SQLOrderStatus transaction,
constructs the output form and writes it
*
* back to client browser.
*
* ARGUMENTS: EXTENSION_CONTROL_BLOCK
*pECB passed in structure pointer from inetsrv.
*
* int iTermId client browser terminal id
*/

```

```

void ProcessOrderStatusForm(EXTENSION_CONTROL_BLOCK
*pECB, int iTermId, char *szBuffer)
{
    PORDER_STATUS_DATA    pOrderStatus;

    pOrderStatus =
Term.pClientData[iTermId].pTxn->BuffAddr_OrderStatus();
    ZeroMemory(pOrderStatus,
sizeof(ORDER_STATUS_DATA));
    pOrderStatus->w_id = Term.pClientData[iTermId].w_id;
    GetOrderStatusData(pECB->lpszQueryString,
pOrderStatus);

    Term.pClientData[iTermId].pTxn->OrderStatus();

    pOrderStatus =
Term.pClientData[iTermId].pTxn->BuffAddr_OrderStatus();
    MakeOrderStatusForm(iTermId, pOrderStatus,
OUTPUT_FORM, szBuffer);
}

/* FUNCTION: ProcessDeliveryForm
*
* PURPOSE:      This function gets and validates the input data
from the delivery form
*
*              filling in the required input variables.
It then calls the PostDeliveryInfo
*
*              Api, The client is then informed that
the transaction has been posted.
*
* ARGUMENTS:   EXTENSION_CONTROL_BLOCK
*pECB passed in structure pointer from inetsrv.
*
*              int
*              iTermId client browser terminal id
*/

void ProcessDeliveryForm(EXTENSION_CONTROL_BLOCK
*pECB, int iTermId, char *szBuffer)
{
    char    *ptr = pECB->lpszQueryString;

    PDELIVERY_DATA pDelivery;

    pDelivery =
Term.pClientData[iTermId].pTxn->BuffAddr_Delivery();
    ZeroMemory(pDelivery, sizeof(DELIVERY_DATA));
    pDelivery->w_id = Term.pClientData[iTermId].w_id;

    pDelivery->o_carrier_id = GetIntKeyValue(&ptr,
"OCD*", ERR_DELIVERY_MISSING_OCD_KEY,
ERR_DELIVERY_CARRIER_INVALID);
    if ( pDelivery->o_carrier_id > 10 || pDelivery->o_carrier_id
< 1 )
        throw new CWEBCLNT_ERR(
ERR_DELIVERY_CARRIER_ID_RANGE);

    if (dwNumDeliveryThreads)
    {
        //post delivery info
        if ( PostDeliveryInfo(pDelivery->w_id,
pDelivery->o_carrier_id) )
            pDelivery->exec_status_code =
eDeliveryFailed;
        else
            pDelivery->exec_status_code = eOK;
    }
}

```

```

else // delivery is done synchronously if no delivery threads
configured
    Term.pClientData[iTermId].pTxn->Delivery();

    pDelivery =
Term.pClientData[iTermId].pTxn->BuffAddr_Delivery();
    MakeDeliveryForm(iTermId, pDelivery, OUTPUT_FORM,
szBuffer);
}

/* FUNCTION: ProcessStockLevelForm
*
* PURPOSE:      This function gets and validates the input data
from the Stock Level
*
*              form filling in the required input
variables. It then calls the
*
*              SQLStockLevel transaction,
constructs the output form and writes it
*
*              back to client browser.
*
* ARGUMENTS:   EXTENSION_CONTROL_BLOCK
*pECB passed in structure pointer from inetsrv.
*
*              int
*              iTermId client browser terminal id
*/

void ProcessStockLevelForm(EXTENSION_CONTROL_BLOCK
*pECB, int iTermId, char *szBuffer)
{
    char    *ptr = pECB->lpszQueryString;

    PSTOCK_LEVEL_DATA    pStockLevel;

    pStockLevel =
Term.pClientData[iTermId].pTxn->BuffAddr_StockLevel();
    ZeroMemory( pStockLevel,
sizeof(STOCK_LEVEL_DATA));

    pStockLevel->w_id = Term.pClientData[iTermId].w_id;
    pStockLevel->d_id = Term.pClientData[iTermId].d_id;

    pStockLevel->threshold = GetIntKeyValue(&ptr, "TT*",
ERR_STOCKLEVEL_MISSING_THRESHOLD_KEY,
ERR_STOCKLEVEL_THRESHOLD_INVALID);
    if ( pStockLevel->threshold >= 100 ||
pStockLevel->threshold < 0 )
        throw new CWEBCLNT_ERR(
ERR_STOCKLEVEL_THRESHOLD_RANGE);

    Term.pClientData[iTermId].pTxn->StockLevel();

    pStockLevel =
Term.pClientData[iTermId].pTxn->BuffAddr_StockLevel();
    MakeStockLevelForm(iTermId, pStockLevel,
OUTPUT_FORM, szBuffer);
}

/* FUNCTION: GetNewOrderData
*
* PURPOSE:      This function extracts and validates the new
order form data from an http command string.
*
* ARGUMENTS:   LPSTR
lpszQueryString client browser http command string
*
*              NEW_ORDER_DATA
*pNewOrderData pointer to new order data structure
*

```

```

*/
void GetNewOrderData (LPSTR lpszQueryString,
NEW_ORDER_DATA *pNewOrderData, BOOL *pfLocalFlag)
{
    char    szTmp[26];
    int     i;
    short   items;
    int     ol_i_id, ol_quantity;
    char    *ptr = lpszQueryString;
    BOOL    fRemoteFlag = FALSE;

    static char szSP[MAX_OL_NEW_ORDER_ITEMS][6] =
        { "SP00*", "SP01*", "SP02*", "SP03*",
"SP04*",
        "SP05*", "SP06*", "SP07*", "SP08*",
"SP09*",
        "SP10*", "SP11*", "SP12*", "SP13*", "SP14*"
};
    static char szIID[MAX_OL_NEW_ORDER_ITEMS][7] =
        { "IID00*", "IID01*", "IID02*", "IID03*",
"IID04*",
        "IID05*", "IID06*", "IID07*", "IID08*",
"IID09*",
        "IID10*", "IID11*", "IID12*", "IID13*",
"IID14*" };
    static char szQty[MAX_OL_NEW_ORDER_ITEMS][7] =
        { "Qty00*", "Qty01*", "Qty02*", "Qty03*",
"Qty04*",
        "Qty05*", "Qty06*", "Qty07*", "Qty08*",
"Qty09*",
        "Qty10*", "Qty11*", "Qty12*", "Qty13*",
"Qty14*" };

    pNewOrderData->d_id = GetIntKeyValue(&ptr, "DID*",
ERR_NEWORDER_FORM_MISSING_DID,
ERR_NEWORDER_DISTRICT_INVALID);
    pNewOrderData->c_id = GetIntKeyValue(&ptr, "CID*",
ERR_NEWORDER_CUSTOMER_KEY,
ERR_NEWORDER_CUSTOMER_INVALID);

    for(i=0, items=0; i<MAX_OL_NEW_ORDER_ITEMS;
i++)
    {
        GetKeyValue(&ptr, szSP[i], szTmp,
sizeof(szTmp), ERR_NEWORDER_MISSING_SUPPW_KEY);
        if ( szTmp[0] )
        {
            if ( !IsNumeric(szTmp) )
                throw new
CWEBCLNT_ERR( ERR_NEWORDER_SUPPW_INVALID);

            pNewOrderData->OL[items].ol_supply_w_id = (long)atoi(szTmp);
            if (!fRemoteFlag)
            {
                if
(!pbLocalWhsTbl[pNewOrderData->OL[items].ol_supply_w_id])
                    fRemoteFlag=TRUE;
            }

            ol_i_id =
pNewOrderData->OL[items].ol_i_id =
                GetIntKeyValue(&ptr,
szIID[i], ERR_NEWORDER_MISSING_IID_KEY,
ERR_NEWORDER_ITEMID_INVALID);
            if ( ol_i_id > 999999 || ol_i_id < 1 )

```

```

                throw new
CWEBCLNT_ERR( ERR_NEWORDER_ITEMID_RANGE);

            ol_quantity =
pNewOrderData->OL[items].ol_quantity =
                GetIntKeyValue(&ptr,
szQty[i], ERR_NEWORDER_MISSING_QTY_KEY,
ERR_NEWORDER_QTY_INVALID);
            if ( ol_quantity > 99 || ol_quantity < 1
)
                throw new
CWEBCLNT_ERR( ERR_NEWORDER_QTY_RANGE );

            items++;
        }
        else
        {
            // nothing entered for supply
            warehouse, so item id and qty must also be blank
            GetKeyValue(&ptr, szIID[i], szTmp,
sizeof(szTmp), ERR_NEWORDER_MISSING_IID_KEY);
            if ( szTmp[0] )
                throw new
CWEBCLNT_ERR(
ERR_NEWORDER_ITEMID_WITHOUT_SUPPW);

            GetKeyValue(&ptr, szQty[i], szTmp,
sizeof(szTmp), ERR_NEWORDER_MISSING_QTY_KEY);
            if ( szTmp[0] )
                throw new
CWEBCLNT_ERR( ERR_NEWORDER_QTY_WITHOUT_SUPPW
);
        }
    }
    if ( items == 0 )
        throw new CWEBCLNT_ERR(
ERR_NEWORDER_NOITEMS_ENTERED);

    pNewOrderData->o_ol_cnt = items;
    if (pfLocalFlag)
        *pfLocalFlag = !fRemoteFlag;
}

/* FUNCTION: GetPaymentData
*
* PURPOSE:      This function extracts and validates the payment
form data from an http command string.
*
* ARGUMENTS:   LPSTR
lpszQueryString      client browser http command string
                    PAYMENT_DATA
*pPaymentData        pointer to payment data structure
*/

void GetPaymentData(LPSTR lpszQueryString, PAYMENT_DATA
*pPaymentData, BOOL *pfLocalFlag)
{
    char    szTmp[26];
    char    *ptr = lpszQueryString;
    BOOL    bCustIdBlank;
    BOOL    fRemoteFlag = FALSE;

    pPaymentData->d_id = GetIntKeyValue(&ptr, "DID*",
ERR_PAYMENT_MISSING_DID_KEY,
ERR_PAYMENT_DISTRICT_INVALID);

    GetKeyValue(&ptr, "CID*", szTmp, sizeof(szTmp),
ERR_PAYMENT_MISSING_CID_KEY);
    if ( szTmp[0] == 0 )

```

```

        {
            bCustIdBlank = TRUE;
            pPaymentData->c_id = 0;
        }
        else
        {
            // parse customer id and verify that last name
was NOT entered
            bCustIdBlank = FALSE;
            if ( !IsNumeric(szTmp))
                throw new CWEBCLNT_ERR(
ERR_PAYMENT_CUSTOMER_INVALID);
            pPaymentData->c_id = atoi(szTmp);
        }

        pPaymentData->c_w_id = GetIntKeyValue(&ptr, "CWI*",
ERR_PAYMENT_MISSING_CWI_KEY,
ERR_PAYMENT_CWI_INVALID);
        pPaymentData->c_d_id = GetIntKeyValue(&ptr, "CDI*",
ERR_PAYMENT_MISSING_CDI_KEY,
ERR_PAYMENT_CDI_INVALID);
        if (!pbLocalWhsTbl[pPaymentData->c_w_id])

fRemoteFlag=TRUE;

        if ( bCustIdBlank )
        {
            // customer id is blank, so last name must be
entered
            GetKeyValue(&ptr, "CLT*", szTmp,
sizeof(szTmp), ERR_PAYMENT_MISSING_CLT_KEY);
            if ( szTmp[0] == 0 )
                throw new CWEBCLNT_ERR(
ERR_PAYMENT_MISSING_CID_CLT);

            _strupr( szTmp );
            if ( strlen(szTmp) > LAST_NAME_LEN )
                throw new CWEBCLNT_ERR(
ERR_PAYMENT_LAST_NAME_TO_LONG);
            strcpy(pPaymentData->c_last, szTmp);
        }
        else
        {
            // parse customer id and verify that last name
was NOT entered
            GetKeyValue(&ptr, "CLT*", szTmp,
sizeof(szTmp), ERR_PAYMENT_MISSING_CLT_KEY);
            if ( szTmp[0] != 0 )
                throw new CWEBCLNT_ERR(
ERR_PAYMENT_CID_AND_CLT);
        }

        GetKeyValue(&ptr, "HAM*", szTmp, sizeof(szTmp),
ERR_PAYMENT_MISSING_HAM_KEY);
        if (!IsDecimal(szTmp))
            throw new CWEBCLNT_ERR(
ERR_PAYMENT_HAM_INVALID);
        pPaymentData->h_amount = atof(szTmp);
        if ( pPaymentData->h_amount >= 10000.00 ||
pPaymentData->h_amount < 0 )
            throw new CWEBCLNT_ERR(
ERR_PAYMENT_HAM_RANGE);
        if (pfLocalFlag)
            *pfLocalFlag = !fRemoteFlag;
    }

/* FUNCTION: GetOrderStatusData
*
* PURPOSE:      This function extracts and validates the payment
form data from an http command string.

```

```

*
*/
void GetOrderStatusData(LPSTR lpszQueryString,
ORDER_STATUS_DATA *pOrderStatusData)
{
    char    szTmp[26];
    char    *ptr = lpszQueryString;

    pOrderStatusData->d_id = GetIntKeyValue(&ptr, "DID*",
ERR_ORDERSTATUS_MISSING_DID_KEY,
ERR_ORDERSTATUS_DID_INVALID);

    GetKeyValue(&ptr, "CID*", szTmp, sizeof(szTmp),
ERR_ORDERSTATUS_MISSING_CID_KEY);
    if ( szTmp[0] == 0 )
    {
        // customer id is blank, so last name must be
entered
        pOrderStatusData->c_id = 0;
        GetKeyValue(&ptr, "CLT*", szTmp,
sizeof(szTmp), ERR_ORDERSTATUS_MISSING_CLT_KEY);
        if ( szTmp[0] == 0 )
            throw new CWEBCLNT_ERR(
ERR_ORDERSTATUS_MISSING_CID_CLT);

        _strupr( szTmp );
        if ( strlen(szTmp) > LAST_NAME_LEN )
            throw new CWEBCLNT_ERR(
ERR_ORDERSTATUS_CLT_RANGE);
        //
        strcpy(pOrderStatusData->in_c_last, szTmp);
        strcpy(pOrderStatusData->c_last, szTmp);
    }
    else
    {
        // parse customer id and verify that last name
was NOT entered
        if ( !IsNumeric(szTmp))
            throw new CWEBCLNT_ERR(
ERR_ORDERSTATUS_CID_INVALID);
        pOrderStatusData->c_id = atoi(szTmp);
        GetKeyValue(&ptr, "CLT*", szTmp,
sizeof(szTmp), ERR_ORDERSTATUS_MISSING_CLT_KEY);
        if ( szTmp[0] != 0 )
            throw new CWEBCLNT_ERR(
ERR_ORDERSTATUS_CID_AND_CLT);
    }
}

/* FUNCTION: BOOL IsNumeric(char *ptr)
*
* PURPOSE:      This function determines if a string is numeric. It
fails if any characters other
*
*               than numeric and null terminator are
present.
*
* ARGUMENTS:   char                *ptr
pointer to string to check.
*
* RETURNS:     BOOL    FALSE    if string is not
all numeric
*
TRUE    if string contains only numeric characters i.e. '0' - '9'
*/

BOOL IsNumeric(char *ptr)
{
    if ( *ptr == 0 )
        return FALSE;

```



```

        while( *ptr && isdigit(*ptr) )
            ptr++;
        return ( !*ptr );
    }

/* FUNCTION: BOOL IsDecimal(char *ptr)
 *
 * PURPOSE:      This function determines if a string is a
non-negative decimal value.
 *      It fails if any characters other than a series of numbers
followed by
 *              a decimal point, another series of
numbers, and a null terminator are present.
 *
 * ARGUMENTS:   char                *ptr
pointer to string to check.
 *
 * RETURNS:     BOOL    FALSE    if string is not
a valid non-negative decimal value
TRUE    if string is OK
 */

BOOL IsDecimal(char *ptr)
{
    char *dotptr;
    BOOL bValid;

    if ( *ptr == 0 )
        return FALSE;

    // find decimal point
    dotptr = strchr( ptr, '.' );
    if (dotptr == NULL)
        // no decimal point, so just check for numeric
        return IsNumeric(ptr);
    *dotptr = 0; // temporarily replace decimal with a
terminator

    if ( *ptr != 0 )
        bValid = IsNumeric(ptr);
    // string starts with decimal point
    else if (*(dotptr+1) == 0)
        return FALSE; // nothing but a decimal point is
bad
    else
        bValid = TRUE;

    if (*(dotptr+1) != 0)
        // check text after decimal point
        bValid &= IsNumeric(dotptr+1);

    *dotptr = '.'; // replace decimal point
    return bValid;
}

```

tpc.def

```

LIBRARY TPCC.DLL

EXPORTS

    GetExtensionVersion @1
    HttpExtensionProc   @2
    TerminateExtension  @3

```

tpcc.h

```

/*      FILE:                TPCC.H
 *
 *      Microsoft TPC-C Kit Ver.
4.20.000
 *
 *      Copyright Microsoft,
1999
 *
 *      All Rights Reserved
 *
 *
 *      Version 4.10.000 audited
by Richard Gimarc, Performance Metrics, 3/17/99
 *
 *      PURPOSE:            Header file for ISAPI TPCC.DLL,
defines structures and functions used in the isapi tpcc.dll.
 *
 */

//VERSION RESOURCE DEFINES
#define _APS_NEXT_RESOURCE_VALUE
    101
#define _APS_NEXT_COMMAND_VALUE
    40001
#define _APS_NEXT_CONTROL_VALUE
    1000
#define _APS_NEXT_SYMED_VALUE
    101

#define TP_MAX_RETRIES
    50

//note that the welcome form must be processed first as terminal ids
assigned here, once the
//terminal id is assigned then the forms can be processed in any order.
#define WELCOME_FORM
    1 //beginning form no term id assigned,
form id
#define MAIN_MENU_FORM
    2 //term id assigned main menu form id
#define NEW_ORDER_FORM
    3 //new order form id
#define PAYMENT_FORM
    4 //payment form id
#define DELIVERY_FORM
    5 //delivery form id
#define ORDER_STATUS_FORM
    6 //order status id
#define STOCK_LEVEL_FORM
    7 //stock level form id

//This macro is used to prevent the compiler error unused formal
parameter
#define UNUSEDPARAM(x) (x = x)

//This structure defines the data necessary to keep distinct for each
terminal or client connection.
typedef struct _CLIENTDATA
{
    int                iNextFree;
    //index of next free element or -1 if this entry in use.
    int                w_id;
    //warehouse id assigned at welcome form
    int                d_id;
    //district id assigned at welcome form
}

```

```

int iSyncId;
//synchronization id
int iTickCount;
//time of last access;

CTPCC_BASE *pTxn;
} CLIENTDATA, *PCLIENTDATA;

//This structure is used to define the operational interface for terminal
id support
typedef struct _TERM
{
int iNumEntries;
//total allocated terminal array entries
int iFreeList;
//next available terminal array
element or -1 if none
int iMasterSyncId;
//synchronization id
CLIENTDATA *pClientData;
//pointer to allocated client data
} TERM;

typedef TERM *PTERM;
//pointer to terminal structure type

enum WEBERROR
{
NO_ERR,
ERR_COMMAND_UNDEFINED,
ERR_D_ID_INVALID,
ERR_DELIVERY_CARRIER_ID_RANGE,
ERR_DELIVERY_CARRIER_INVALID,
ERR_DELIVERY_MISSING_OCD_KEY,
ERR_DELIVERY_THREAD_FAILED,
ERR_GETPROCADDR_FAILED,
ERR_HTML_ILL_FORMED,
ERR_INVALID_SYNC_CONNECTION,
ERR_INVALID_TERMID,
ERR_LOADDLL_FAILED,
ERR_MAX_CONNECTIONS_EXCEEDED,
ERR_MEM_ALLOC_FAILED,
ERR_MISSING_REGISTRY_ENTRIES,
ERR_NEWORDER_CUSTOMER_INVALID,
ERR_NEWORDER_CUSTOMER_KEY,
ERR_NEWORDER_DISTRICT_INVALID,
ERR_NEWORDER_FORM_MISSING_DID,
ERR_NEWORDER_ITEMID_INVALID,
ERR_NEWORDER_ITEMID_RANGE,

ERR_NEWORDER_ITEMID_WITHOUT_SUPPW,
ERR_NEWORDER_MISSING_IID_KEY,
ERR_NEWORDER_MISSING_QTY_KEY,
ERR_NEWORDER_MISSING_SUPPW_KEY,
ERR_NEWORDER_NOITEMS_ENTERED,
ERR_NEWORDER_QTY_INVALID,
ERR_NEWORDER_QTY_RANGE,

ERR_NEWORDER_QTY_WITHOUT_SUPPW,
ERR_NEWORDER_SUPPW_INVALID,
ERR_NO_SERVER_SPECIFIED,
ERR_ORDERSTATUS_CID_AND_CLT,
ERR_ORDERSTATUS_CID_INVALID,
ERR_ORDERSTATUS_CLT_RANGE,
ERR_ORDERSTATUS_DID_INVALID,

```

```

ERR_ORDERSTATUS_MISSING_CID_CLT,
ERR_ORDERSTATUS_MISSING_CID_KEY,
ERR_ORDERSTATUS_MISSING_CLT_KEY,
ERR_ORDERSTATUS_MISSING_DID_KEY,
ERR_PAYMENT_CDI_INVALID,
ERR_PAYMENT_CID_AND_CLT,
ERR_PAYMENT_CUSTOMER_INVALID,
ERR_PAYMENT_CWI_INVALID,
ERR_PAYMENT_DISTRICT_INVALID,
ERR_PAYMENT_HAM_INVALID,
ERR_PAYMENT_HAM_RANGE,
ERR_PAYMENT_LAST_NAME_TO_LONG,
ERR_PAYMENT_MISSING_CDI_KEY,
ERR_PAYMENT_MISSING_CID_CLT,
ERR_PAYMENT_MISSING_CID_KEY,
ERR_PAYMENT_MISSING_CLT,
ERR_PAYMENT_MISSING_CLT_KEY,
ERR_PAYMENT_MISSING_CWI_KEY,
ERR_PAYMENT_MISSING_DID_KEY,
ERR_PAYMENT_MISSING_HAM_KEY,

ERR_STOCKLEVEL_MISSING_THRESHOLD_KEY,

ERR_STOCKLEVEL_THRESHOLD_INVALID,
ERR_STOCKLEVEL_THRESHOLD_RANGE,
ERR_VERSION_MISMATCH,
ERR_W_ID_INVALID
};

class CWEBCLNT_ERR : public CBaseErr
{
public:
CWEBCLNT_ERR(WEBERROR Err)
{
m_Error = Err;
m_szTextDetail = NULL;
m_SystemErr = 0;
m_szErrorText = NULL;
};

CWEBCLNT_ERR(WEBERROR Err, char
*szTextDetail, DWORD dwSystemErr)
{
m_Error = Err;
m_szTextDetail = new
char[strlen(szTextDetail)+1];
strcpy( m_szTextDetail, szTextDetail
);
m_SystemErr = dwSystemErr;
m_szErrorText = NULL;
};

~CWEBCLNT_ERR()
{
if (m_szTextDetail != NULL)
delete [] m_szTextDetail;
if (m_szErrorText != NULL)
delete [] m_szErrorText;
};

WEBERROR m_Error;
char *m_szTextDetail; //
char *m_szErrorText;
DWORD m_SystemErr;

int ErrorType() {return
ERR_TYPE_WEBDLL;};

```

```

int ErrorNum() {return m_Error;};
char *ErrorText();

};

//These constants have already been defined in engstut.h, but since we
do
//not want to include it in the delisrv executable
#define TXN_EVENT_START 2
#define TXN_EVENT_STOP 4
#define TXN_EVENT_WARNING 6
//used to record a warning into the log

//function prototypes

BOOL APIENTRY DllMain(HANDLE hModule, DWORD
ul_reason_for_call, LPVOID lpReserved);
void WriteMessageToEventLog(LPTSTR lpszMsg);
void ProcessQueryString(EXTENSION_CONTROL_BLOCK *pECB,
int *pCmd, int *pFormId, int *pTermId, int *pSyncId);
void WelcomeForm(EXTENSION_CONTROL_BLOCK *pECB, char
*szBuffer);
void SubmitCmd(EXTENSION_CONTROL_BLOCK *pECB, char
*szBuffer);
void BeginCmd(EXTENSION_CONTROL_BLOCK *pECB, int
iFormId, int iTermId);
void ProcessCmd(EXTENSION_CONTROL_BLOCK *pECB, int
iFormId, int iTermId);
void StatsCmd(EXTENSION_CONTROL_BLOCK *pECB, char
*szBuffer);
void ErrorMessage(EXTENSION_CONTROL_BLOCK *pECB, int
iError, int iErrorType, char *szMsg, int iTermId);
void GetKeyValue(char **pQueryString, char *pKey, char *pValue,
int iMax, WEBERROR err);
int GetIntKeyValue(char **pQueryString, char *pKey, WEBERROR
NoKeyErr, WEBERROR NotIntErr);
void TermInit(void);
void TermDeleteAll(void);
int TermAdd(void);
void TermDelete(int id);
void ErrorForm(EXTENSION_CONTROL_BLOCK *pECB, int
iType, int iErrorNum, int iTermId, int iSyncId, char *szErrorText, char
*szBuffer );
void MakeMainMenuForm(int iTermId, int iSyncId, char *szForm);
void MakeStockLevelForm(int iTermId, STOCK_LEVEL_DATA
*pStockLevelData, BOOL bInput, char *szForm);
void MakeNewOrderForm(int iTermId, NEW_ORDER_DATA
*pNewOrderData, BOOL bInput, char *szForm);
void MakePaymentForm(int iTermId, PAYMENT_DATA
*pPaymentData, BOOL bInput, char *szForm);
void MakeOrderStatusForm(int iTermId, ORDER_STATUS_DATA
*pOrderStatusData, BOOL bInput, char *szForm);
void MakeDeliveryForm(int iTermId, DELIVERY_DATA
*pDeliveryData, BOOL bInput, char *szForm);
void ProcessNewOrderForm(EXTENSION_CONTROL_BLOCK
*pECB, int iTermId, char *szBuffer);
void ProcessPaymentForm(EXTENSION_CONTROL_BLOCK
*pECB, int iTermId, char *szBuffer);
void ProcessOrderStatusForm(EXTENSION_CONTROL_BLOCK
*pECB, int iTermId, char *szBuffer);
void ProcessDeliveryForm(EXTENSION_CONTROL_BLOCK
*pECB, int iTermId, char *szBuffer);
void ProcessStockLevelForm(EXTENSION_CONTROL_BLOCK
*pECB, int iTermId, char *szBuffer);
void GetNewOrderData(LPSTR lpszQueryString,
NEW_ORDER_DATA *pNewOrderData, BOOL *pfLocalFlag);
void GetPaymentData(LPSTR lpszQueryString, PAYMENT_DATA
*pPaymentData, BOOL *pfLocalFlag);

```

```

void GetOrderStatusData(LPSTR lpszQueryString,
ORDER_STATUS_DATA *pOrderStatusData);
BOOL PostDeliveryInfo(long w_id, short o_carrier_id);
BOOL IsNumeric(char *ptr);
BOOL IsDecimal(char *ptr);
void DeliveryWorkerThread(void *ptr);

```

tpcc.rc

```

//Microsoft Developer Studio generated resource script.
//
#include "resource.h"

#define APSTUDIO_READONLY_SYMBOLS
//
// Generated from the TEXTINCLUDE2 resource.
//
#include "afxres.h"

//
// English (U.S.) resources
//
#ifndef _AFX_RESOURCE_DLL || defined(_AFX_TARG_ENU)
#ifdef _WIN32
LANGUAGE LANG_ENGLISH, SUBLANG_ENGLISH_US
#pragma code_page(1252)
#endif // _WIN32

#ifndef _MAC
//
// Version
//
VS_VERSION_INFO VERSIONINFO
FILEVERSION 0,4,0,0
PRODUCTVERSION 0,4,0,0
FILEFLAGSMASK 0x3fL
#ifdef _DEBUG
FILEFLAGS 0x1L
#else
FILEFLAGS 0x0L
#endif
FILEOS 0x40004L
FILETYPE 0x2L
FILESUBTYPE 0x0L
BEGIN
BLOCK "StringFileInfo"
BEGIN
BLOCK "040904b0"
BEGIN
VALUE "Comments", "TPC-C HTML DLL Server (DBLIB)\0"
VALUE "CompanyName", "Microsoft\0"
VALUE "FileDescription", "TPC-C HTML DLL Server
(DBLIB)\0"
VALUE "FileVersion", "0, 4, 0, 0\0"
VALUE "InternalName", "tpcc\0"
VALUE "LegalCopyright", "Copyright © 1997\0"
VALUE "OriginalFilename", "tpcc.dll\0"
VALUE "ProductName", "Microsoft tpcc\0"
VALUE "ProductVersion", "0, 4, 0, 0\0"
END
END

```

```

END
BLOCK "VarFileInfo"
BEGIN
    VALUE "Translation", 0x409, 1200
END
END

#endif // !_MAC

#ifdef APSTUDIO_INVOKED
//
// TEXTINCLUDE
//

1 TEXTINCLUDE DISCARDABLE
BEGIN
    "resource.h(0)"
END

2 TEXTINCLUDE DISCARDABLE
BEGIN
    "#include ""afxres.h""\r\n"
    ""\0"
END

3 TEXTINCLUDE DISCARDABLE
BEGIN
    "\r\n"
    ""\0"
END

#endif // APSTUDIO_INVOKED

//
// Dialog
//

IDD_DIALOG1 DIALOG DISCARDABLE 0, 0, 186, 95
STYLE DS_MODALFRAME | WS_POPUP | WS_CAPTION |
WS_SYSMENU
CAPTION "Dialog"
FONT 8, "MS Sans Serif"
BEGIN
    DEFPUSHBUTTON "OK", IDOK, 129, 7, 50, 14
    PUSHBUTTON "Cancel", IDCANCEL, 129, 24, 50, 14
END

//
// DESIGNINFO
//

#ifdef APSTUDIO_INVOKED
GUIDELINES DESIGNINFO DISCARDABLE
BEGIN
    IDD_DIALOG1, DIALOG
    BEGIN
        LEFTMARGIN, 7
        RIGHTMARGIN, 179
        TOPMARGIN, 7
        BOTTOMMARGIN, 88
    END
END

```

```

#endif // APSTUDIO_INVOKED

#endif // English (U.S.) resources
//

#ifdef APSTUDIO_INVOKED
//
// Generated from the TEXTINCLUDE3 resource.
//

#endif // not APSTUDIO_INVOKED

tpcc_com.cpp

/*      FILE:          TPCC_COM.CPP
 *                               Microsoft TPC-C Kit Ver.
4.20.000
 *                               Copyright Microsoft,
1999
 *                               All Rights Reserved
 *
 *                               not yet audited
 *
 *      PURPOSE:      Source file for TPC-C COM+ class
implementation.
 *      Contact:    Charles Levine (clevine@microsoft.com)
 *
 *      Change history:
 *                               4.20.000 - first version
 */

// needed for CoInitializeEx
#define _WIN32_WINNT 0x0400

#include <windows.h>

// need to declare functions for export
#define DllDecl __declspec( dllexport )

#include "..\..\common\src\trans.h" //tpckit
transaction header contains definitions of structures specific to TPC-C
#include "..\..\common\src\error.h"
#include "..\..\common\src\txn_base.h"
#include "tpcc_com.h"

#include "..\..\tpcc_com_ps\src\tpcc_com_ps_i.c"
#include "..\..\tpcc_com_all\src\tpcc_com_all_i.c"

#include "..\..\tpcc_com_remote_ps\src\tpcc_com_remote_ps_i.c"
#include "..\..\tpcc_com_remote\src\tpcc_com_remote_i.c"

// wrapper routine for class constructor
__declspec( dllexport ) CTPCC_COM* CTPCC_COM_new(BOOL
bSinglePool)
{
    return new CTPCC_COM(bSinglePool);
}

CTPCC_COM::CTPCC_COM(BOOL bSinglePool)
{

```

```

HRESULT hr = NULL;
long lRet = 0;
ULONG ulTmpSize = 0;

m_bSinglePool = bSinglePool;

m_pNewOrder          = NULL;
m_pPayment           = NULL;
m_pStockLevel        = NULL;
m_pOrderStatus       = NULL;
m_p_remNewOrder      = NULL;
m_p_remPayment       = NULL;
m_p_remStockLevel    = NULL;
m_p_remOrderStatus   = NULL;

/*
m_pTxn =
(COM_DATA*)CoTaskMemAlloc(sizeof(COM_DATA));
if (!m_pTxn)
    throw new CCOMERR( E_FAIL );
*/
ulTmpSize = (ULONG) sizeof(COM_DATA);
VariantInit(&m_vTxn);
m_vTxn.vt = VT_SAFEARRAY;

m_vTxn.parray = SafeArrayCreateVector(
VT_UI1,
ulTmpSize,
ulTmpSize);
if (!m_vTxn.parray)
    throw new CCOMERR( E_FAIL );

memset((void*)m_vTxn.parray->pvData,0,ulTmpSize);
m_pTxn = (COM_DATA*)m_vTxn.parray->pvData;

hr = CoInitializeEx(NULL, COINIT_MULTITHREADED);
if (FAILED(hr))
{
    throw new CCOMERR( hr );
}

// create components
if (m_bSinglePool)
{
    hr = CoCreateInstance(CLSID_TPCC, NULL,
CLSCTX_SERVER, IID_ITPCC, (void **)&m_pNewOrder);
    if (FAILED(hr))
        throw new CCOMERR(hr);

    hr = CoCreateInstance(CLSID_TPCCrem,
NULL, CLSCTX_SERVER, IID_ITPCCrem, (void
***)&m_p_remNewOrder);
    if (FAILED(hr))
        throw new CCOMERR(hr);

    // all local txns will use same component
    m_pPayment = m_pNewOrder;
    m_pStockLevel = m_pNewOrder;
    m_pOrderStatus = m_pNewOrder;

    // all remote txns will use same component
    m_p_remPayment=m_p_remNewOrder;
    m_p_remStockLevel = m_p_remNewOrder;
}

m_p_remOrderStatus = m_p_remNewOrder;
}
else
{
    // use different components for each txn

    hr = CoCreateInstance(CLSID_NewOrder,
NULL, CLSCTX_SERVER, IID_ITPCC, (void **)&m_pNewOrder);
    if (FAILED(hr))
        throw new CCOMERR(hr);

    hr = CoCreateInstance(CLSID_Payment, NULL,
CLSCTX_SERVER, IID_ITPCC, (void **)&m_pPayment);
    if (FAILED(hr))
        throw new CCOMERR(hr);

    hr = CoCreateInstance(CLSID_StockLevel,
NULL, CLSCTX_SERVER, IID_ITPCC, (void **)&m_pStockLevel);
    if (FAILED(hr))
        throw new CCOMERR(hr);

    hr = CoCreateInstance(CLSID_OrderStatus,
NULL, CLSCTX_SERVER, IID_ITPCC, (void **)&m_pOrderStatus);
    if (FAILED(hr))
        throw new CCOMERR(hr);
}

// call setcomplete to release each component back into pool
hr = m_pNewOrder->CallSetComplete();
if (FAILED(hr))
    throw new CCOMERR(hr);

hr = m_p_remNewOrder->CallSetComplete();
if (FAILED(hr))
    throw new CCOMERR(hr);

if (!m_bSinglePool)
{
    hr = m_pPayment->CallSetComplete();
    if (FAILED(hr))
        throw new CCOMERR(hr);

    hr = m_pStockLevel->CallSetComplete();
    if (FAILED(hr))
        throw new CCOMERR(hr);

    hr = m_pOrderStatus->CallSetComplete();
    if (FAILED(hr))
        throw new CCOMERR(hr);
}
}

CTPCC_COM::~~CTPCC_COM()
{
    if (m_pTxn)
        SafeArrayDestroy(m_vTxn.parray);

    ReleaseInterface(m_pNewOrder);

    ReleaseInterface(m_p_remNewOrder);

    if (!m_bSinglePool)
    {
        ReleaseInterface(m_pPayment);
        ReleaseInterface(m_pStockLevel);
        ReleaseInterface(m_pOrderStatus);
    }
}

```

```

        CoUninitialize();
    }
    /*void CTPCC_COM::NewOrder()
    {
        VARIANT vTxn_out;
        HRESULT hr = m_pNewOrder->NewOrder(m_vTxn,
        &vTxn_out);

        if (FAILED(hr))
            throw new CCOMERR( hr );
        memcpy(m_pTxn, (void
        *)vTxn_out.parray->pvData,vTxn_out.parray->rgsabound[0].cElement
        s);
        SafeArrayDestroy(vTxn_out.parray);

        if ( m_pTxn->ErrorType != ERR_SUCCESS )
            throw new CCOMERR( m_pTxn->ErrorType,
        m_pTxn->error );
    }
    */
    void CTPCC_COM::NewOrder(BOOL fLocal)
    {
        VARIANT vTxn_out;
        HRESULT hr;
        if (fLocal)
            hr = m_pNewOrder->NewOrder(m_vTxn, &vTxn_out);
        else
            hr = m_p_remNewOrder->NewOrder(m_vTxn,
        &vTxn_out);

        if (FAILED(hr))
            throw new CCOMERR( hr );
        memcpy(m_pTxn, (void
        *)vTxn_out.parray->pvData,vTxn_out.parray->rgsabound[0].cElement
        s);
        SafeArrayDestroy(vTxn_out.parray);

        if ( m_pTxn->ErrorType != ERR_SUCCESS )
            throw new CCOMERR( m_pTxn->ErrorType,
        m_pTxn->error );
    }
    /*void CTPCC_COM::Payment()
    {
        VARIANT vTxn_out;
        HRESULT hr = m_pPayment->Payment(m_vTxn,
        &vTxn_out);

        if (FAILED(hr))
            throw new CCOMERR( hr );
        memcpy(m_pTxn, (void
        *)vTxn_out.parray->pvData,vTxn_out.parray->rgsabound[0].cElement
        s);
        SafeArrayDestroy(vTxn_out.parray);

        if ( m_pTxn->ErrorType != ERR_SUCCESS )
            throw new CCOMERR( m_pTxn->ErrorType,
        m_pTxn->error );
    }
    */
    void CTPCC_COM::Payment(BOOL fLocal)
    {
        VARIANT vTxn_out;
        HRESULT hr;
        if (fLocal)
            hr = m_pPayment->Payment(m_vTxn,
        &vTxn_out);
        else

```

```

        hr = m_p_remPayment->Payment(m_vTxn,
        &vTxn_out);

        if (FAILED(hr))
            throw new CCOMERR( hr );
        memcpy(m_pTxn, (void
        *)vTxn_out.parray->pvData,vTxn_out.parray->rgsabound[0].cElement
        s);
        SafeArrayDestroy(vTxn_out.parray);

        if ( m_pTxn->ErrorType != ERR_SUCCESS )
            throw new CCOMERR( m_pTxn->ErrorType,
        m_pTxn->error );
    }
    void CTPCC_COM::StockLevel()
    {
        VARIANT vTxn_out;

        HRESULT hr = m_pStockLevel->StockLevel(m_vTxn,
        &vTxn_out);
        if (FAILED(hr))
            throw new CCOMERR( hr );
        memcpy(m_pTxn, (void
        *)vTxn_out.parray->pvData,vTxn_out.parray->rgsabound[0].cElement
        s);
        SafeArrayDestroy(vTxn_out.parray);

        if ( m_pTxn->ErrorType != ERR_SUCCESS )
            throw new CCOMERR( m_pTxn->ErrorType,
        m_pTxn->error );
    }
    void CTPCC_COM::OrderStatus()
    {
        VARIANT vTxn_out;

        HRESULT hr = m_pOrderStatus->OrderStatus(m_vTxn,
        &vTxn_out);
        if (FAILED(hr))
            throw new CCOMERR( hr );
        memcpy(m_pTxn, (void
        *)vTxn_out.parray->pvData,vTxn_out.parray->rgsabound[0].cElement
        s);
        SafeArrayDestroy(vTxn_out.parray);

        if ( m_pTxn->ErrorType != ERR_SUCCESS )
            throw new CCOMERR( m_pTxn->ErrorType,
        m_pTxn->error );
    }

```

tpcc_com.h

```

/*      FILE:          TPCC_COM.H
 *
 *      4.20.000      Microsoft TPC-C Kit Ver.
 *
 *      1999          Copyright Microsoft,
 *
 *      All Rights Reserved
 *
 *
 *      not yet audited
 *

```

```

*      PURPOSE:      Header file for TPC-C COM+ class
implementation.
*
* Change history:
*      4.20.000 - first version
*/

#pragma once

#include <stdio.h>
#include "..\..\tpcc_com_ps\src\tpcc_com_ps.h"
#include "..\..\tpcc_com_remote_ps\src\tpcc_com_remote_ps.h"

// need to declare functions for import, unless define has already been
created
// by the DLL's .cpp module for export.
#ifdef DllDecl
#define DllDecl __declspec( dllimport )
#endif

class CCOMERR : public CBaseErr
{
private:
    char m_szErrorText[64];

public:
    // use this interface for genuine COM errors
    CCOMERR( HRESULT hr )
    {
        m_hr = hr;
        m_iErrorType = 0;
        m_iError = 0;
    }

    // use this interface to impersonate a non-COM
error type
    CCOMERR( int iErrorType, int iError )
    {
        m_iErrorType = iErrorType;
        m_iError = iError;
        m_hr = S_OK;
    }

    int          m_hr;
    int          m_iErrorType;
    int          m_iError;

```

```

// A CCOMERR class can impersonate another
class, which happens if the error
// was not actually a COM Services error, but
was simply transmitted back via COM.
    int ErrorType()
    {
        if (m_iErrorType == 0)
            return ERR_TYPE_COM;
        else
            return m_iErrorType;
    }

    int ErrorNum() {return m_hr;}

    char *ErrorText()
    {
        if (m_hr == S_OK)
            sprintf( m_szErrorText,
"Error: Class %d, error # %d", m_iErrorType, m_iError );
        else
            sprintf( m_szErrorText,
"Error: COM HRESULT %x", m_hr );
        return m_szErrorText;
    }
};

class DllDecl CTPCC_COM : public CTPCC_BASE
{
private:
    BOOL m_bSinglePool;

    // COM Interface pointers
    ITPCC*          m_pNewOrder;
    ITPCC*          m_pPayment;
    ITPCC*
m_pStockLevel;
    ITPCC*
m_pOrderStatus;
    ITPCCrem*
m_p_remNewOrder;
    ITPCCrem*
m_p_remPayment;
    ITPCCrem*
m_p_remStockLevel;
    ITPCCrem*
m_p_remOrderStatus;

    struct COM_DATA

```

```

        {
            int ErrorType;
            int error;
            union
            {
                NEW_ORDER_DATA
                Payment;
                PAYMENT_DATA
                Delivery;
                DELIVERY_DATA
                StockLevel;
                STOCK_LEVEL_DATA
                ORDER_STATUS_DATA    OrderStatus;
            } u;
        } *m_pTxn;

        VARIANT m_vTxn;

    public:
        CTPCC_COM(BOOL bSinglePool);
        ~CTPCC_COM(void);

        inline PNEW_ORDER_DATA
        BuffAddr_NewOrder()    { return
        &m_pTxn->u.NewOrder; };

        inline PPAYMENT_DATA
        BuffAddr_Payment()    { return &m_pTxn->u.Payment; };

        inline PDELIVERY_DATA
        BuffAddr_Delivery()    { return &m_pTxn->u.Delivery; };

        inline PSTOCK_LEVEL_DATA
        BuffAddr_StockLevel()    { return &m_pTxn->u.StockLevel; };

        inline PORDER_STATUS_DATA
        BuffAddr_OrderStatus()    { return &m_pTxn->u.OrderStatus;
        };

//          void NewOrder          ();
//          void NewOrder          (BOOL
fLocal);
//          void Payment           ();
//          void Payment           (BOOL
fLocal);
        void StockLevel          ();
        void OrderStatus          ();
        void Delivery              () { throw new
CCOMERR(E_NOTIMPL); } // not supported
};

inline void ReleaseInterface(IUnknown *pUnk)

```

```

    {
        if (pUnk)
        {
            pUnk->Release();
            pUnk = NULL;
        }
    }

// wrapper routine for class constructor
extern "C" __declspec(dllexport) CTPCC_COM*
CTPCC_COM_new(BOOL);

typedef CTPCC_COM* (TYPE_CTPCC_COM)(BOOL);

tpcc_com_all.cpp

/*      FILE:          TPCC_COM_ALL.CPP
 *          Microsoft TPC-C Kit Ver.
4.20.000
 *          Copyright Microsoft,
1999
 *          All Rights Reserved
 *
 *          Version 4.10.000 audited
by Richard Gimarc, Performance Metrics, 3/17/99
 *
 *      PURPOSE:      Implementation for TPC-C Tuxedo
class.
 *      Contact:    Charles Levine (clevine@microsoft.com)
 *
 *      Change history:
 *          4.20.000 - updated rev number to match kit
 */

#define STRICT
#define _WIN32_WINNT 0x0400
#define _ATL_APARTMENT_THREADED

#include <stdio.h>
#include <atlbases.h>
//You may derive a class from CComModule and use it if you want to
override
//something, but do not change the name of _Module
extern CComModule _Module;

#include <atlcom.h>
#include <initguid.h>
#include <transact.h>
#include <atlimpl.cpp>
#include <comsvcs.h>

#include <sqltypes.h>
#include <sql.h>
#include <sqltext.h>

#include "tpcc_com_ps.h"
#include "..\..\common\src\trans.h"
//tpckit transaction header contains definations of structures
specific to TPC-C

```



```

#include "..\..\common\src\txn_base.h"
#include "..\..\common\src\error.h"
#include "..\..\common\src\ReadRegistry.h"
#include "..\..\db_dblib_dll\src\tpcc_dblib.h" //
DBLIB implementation of TPC-C txns
#include "..\..\db_odbc_dll\src\tpcc_odbc.h" // ODBC
implementation of TPC-C txns

#include "resource.h"
#include "tpcc_com_all.h"
#include "tpcc_com_all_i.c"
#include "Methods.h"
#include "..\..\tpcc_com_ps\src\tpcc_com_ps_i.c"
#include "..\..\common\src\ReadRegistry.cpp"

CComModule _Module;

BEGIN_OBJECT_MAP(ObjectMap)
    OBJECT_ENTRY(CLSID_TPCC, CTPCC)
    OBJECT_ENTRY(CLSID_NewOrder, CNewOrder)
    OBJECT_ENTRY(CLSID_OrderStatus, COrderStatus)
    OBJECT_ENTRY(CLSID_Payment, CPayment)
    OBJECT_ENTRY(CLSID_StockLevel, CStockLevel)
END_OBJECT_MAP()

// configuration settings from registry
TPCCREGISTRYDATA Reg;
char
szMyComputerName[MAX_COMPUTERNAME_LENGTH+1];

static HINSTANCE hLibInstanceDb = NULL;

TYPE_CTPCC_DBLIB *pCTPCC_DBLIB_new;
TYPE_CTPCC_ODBC *pCTPCC_ODBC_new;

////////////////////////////////////
// DLL Entry Point

extern "C"
BOOL WINAPI DllMain(HINSTANCE hInstance, DWORD
dwReason, LPVOID /*lpReserved*/)
{
    char szDllName[128];

    try
    {
        if (dwReason == DLL_PROCESS_ATTACH)
        {
            _Module.Init(ObjectMap, hInstance);

DisableThreadLibraryCalls(hInstance);

            DWORD dwSize =
MAX_COMPUTERNAME_LENGTH+1;

GetComputerName(szMyComputerName, &dwSize);
            szMyComputerName[dwSize] = 0;

            if ( ReadTPCCRegistrySettings(
&Reg ) )
                throw new
CCOMPONENT_ERR( ERR_MISSING_REGISTRY_ENTRIES);

            if (Reg.eDB_Protocol == DBLIB)

```

```

        {
            strcpy( szDllName,
Reg.szPath );

            strcat( szDllName,
"tpcc_dblib.dll");

LoadLibrary( szDllName );

            if (hLibInstanceDb ==
NULL)
                throw new
CCOMPONENT_ERR( ERR_LOADDLL_FAILED, szDllName,
GetLastError() );

            // get function pointer to
wrapper for class constructor
            pCTPCC_DBLIB_new =
(TYPE_CTPCC_DBLIB*)
GetProcAddress(hLibInstanceDb, "CTPCC_DBLIB_new");
            if (pCTPCC_DBLIB_new
== NULL)
                throw new
CCOMPONENT_ERR( ERR_GETPROCADDR_FAILED,
szDllName, GetLastError() );
        }
        else if (Reg.eDB_Protocol ==
ODBC)
        {
            strcpy( szDllName,
Reg.szPath );

            strcat( szDllName,
"tpcc_odbc.dll");

LoadLibrary( szDllName );

            if (hLibInstanceDb ==
NULL)
                throw new
CCOMPONENT_ERR( ERR_LOADDLL_FAILED, szDllName,
GetLastError() );

            // get function pointer to
wrapper for class constructor
            pCTPCC_ODBC_new =
(TYPE_CTPCC_ODBC*)
GetProcAddress(hLibInstanceDb, "CTPCC_ODBC_new");
            if (pCTPCC_ODBC_new
== NULL)
                throw new
CCOMPONENT_ERR( ERR_GETPROCADDR_FAILED,
szDllName, GetLastError() );
        }
        else
            throw new
CCOMPONENT_ERR( ERR_UNKNOWN_DB_PROTOCOL );
    }
    else if (dwReason ==
DLL_PROCESS_DETACH)
        _Module.Term();

    }
    catch (CBaseErr *e)
    {
        WriteMessageToEventLog(e->ErrorText());
        delete e;
        return FALSE;
    }
    catch (...)
    {

```

```

        WriteMessageToEventLog(TEXT("Unhandled
exception in object DllMain"));
        return FALSE;
    }

    return TRUE;    // OK
}

////////////////////////////////////
// Used to determine whether the DLL can be unloaded by OLE

STDAPI DllCanUnloadNow(void)
{
    return (_Module.GetLockCount()==0) ? S_OK : S_FALSE;
}

////////////////////////////////////
// Returns a class factory to create an object of the requested type

STDAPI DllGetClassObject(REFCLSID rclsid, REFIID riid, LPVOID*
ppv)
{
    return _Module.GetClassObject(rclsid, riid, ppv);
}

////////////////////////////////////
// DllRegisterServer - Adds entries to the system registry

STDAPI DllRegisterServer(void)
{
    // registers object, typelib and all interfaces in typelib
    return _Module.RegisterServer(TRUE);
}

////////////////////////////////////
// DllUnregisterServer - Removes entries from the system registry

STDAPI DllUnregisterServer(void)
{
    _Module.UnregisterServer();
    return S_OK;
}

static void WriteMessageToEventLog(LPTSTR lpszMsg)
{
    TCHAR szMsg[256];
    HANDLE hEventSource;
    LPTSTR lpszStrings[2];

    // Use event logging to log the error.
    //
    hEventSource = RegisterEventSource(NULL,
TEXT("tpcc_com_all.dll"));

    _stprintf(szMsg, TEXT("Error in COM+ TPC-C Component: "));
    lpszStrings[0] = szMsg;
    lpszStrings[1] = lpszMsg;

    if (hEventSource != NULL)
    {
        ReportEvent(hEventSource, // handle of event source
EVENTLOG_ERROR_TYPE, // event type
0, // event category
0, // event ID
NULL, // current user's SID
2, // strings in lpszStrings
0, // no bytes of raw data

```

```

(LPCTSTR *)lpszStrings, // array of error strings
NULL); // no raw data

(VOID) DeregisterEventSource(hEventSource);
}

inline void ReleaseInterface(IUnknown *pUnk)
{
    if (pUnk)
    {
        pUnk->Release();
        pUnk = NULL;
    }
}

/* FUNCTION: CCOMPONENT_ERR::ErrorText
*
*/
char* CCOMPONENT_ERR::ErrorText(void)
{
    static SERRORMSG errorMsgs[] =
    {
        { ERR_MISSING_REGISTRY_ENTRIES,
"Required entries missing from registry."
},
        { ERR_LOADDLL_FAILED,
"Load of DLL failed. DLL="
},
        { ERR_GETPROCADDR_FAILED,
"Could not map proc in DLL. GetProcAddr error. DLL="
},
        { ERR_UNKNOWN_DB_PROTOCOL,
"Unknown database protocol specified in registry."
},
        { 0,
""
}
};

    char szTmp[256];
    int i = 0;
    while (TRUE)
    {
        if (errorMsgs[i].szMsg[0] == 0)
        {
            strcpy( szTmp, "Unknown error
number.");
            break;
        }
        if (m_Error == errorMsgs[i].iError)
        {
            strcpy( szTmp, errorMsgs[i].szMsg );
            break;
        }
        i++;
    }

    if (m_szTextDetail)
        strcat( szTmp, m_szTextDetail );
    if (m_SystemErr)
        wsprintf( szTmp+strlen(szTmp), " Error=%d",
m_SystemErr );

    m_szErrorText = new char[strlen(szTmp)+1];
    strcpy( m_szErrorText, szTmp );
    return m_szErrorText;
}

```

```

CTPCC_Common::CTPCC_Common()
{
    m_pTxn = NULL;
    m_bCanBePooled = TRUE;
}

CTPCC_Common::~CTPCC_Common()
{
    if (m_pTxn)
        delete m_pTxn;
}

HRESULT CTPCC_Common::CallSetComplete()
{
    IObjectContext* pObjectContext = NULL;

    // get our object context
    HRESULT hr = CoGetObjectContext( IID_IObjectContext,
(void **)&pObjectContext );
    pObjectContext->SetComplete();
    ReleaseInterface(pObjectContext);
    return hr;
}

//
// called by the ctor activator
//
STDMETHODIMP CTPCC_Common::Construct(IDispatch * pUnk)
{
    // Code to access construction string, if needed later...
    // if (!pUnk)
    //     return E_UNEXPECTED;
    // IObjectConstructString * pString = NULL;
    // HRESULT hr =
pUnk->QueryInterface(IID_IObjectConstructString, (void
**)&pString);
    // pString->Release();
    try
    {
        if (Reg.eDB_Protocol == ODBC)
            m_pTxn = pCTPCC_ODBC_new(
Reg.szDbServer, Reg.szDbUser, Reg.szDbPassword,
szMyComputerName, Reg.szDbName );
        else if (Reg.eDB_Protocol == DBLIB)
            m_pTxn = pCTPCC_DBLIB_new(
Reg.szDbServer, Reg.szDbUser, Reg.szDbPassword,
szMyComputerName, Reg.szDbName );
    }
    catch (CBaseErr *e)
    {
        WriteMessageToEventLog(e->ErrorText());
        delete e;
        return E_FAIL;
    }
    catch (...)
    {
        WriteMessageToEventLog(TEXT("Unhandled
exception in object ::Construct"));
        return E_FAIL;
    }

    return S_OK;
}

```

```

HRESULT CTPCC_Common::NewOrder(VARIANT txn_in,
VARIANT* txn_out)
{
    PNEW_ORDER_DATA pNewOrder;
    COM_DATA *pData;
    try
    {
        pData = (COM_DATA*)txn_in.parray->pvData;
        pNewOrder = m_pTxn->BuffAddr_NewOrder();

        memcpy(pNewOrder, &pData->u.NewOrder,
sizeof(NEW_ORDER_DATA));

        VariantInit(txn_out);
        txn_out->vt = VT_SAFEARRAY;
        txn_out->parray = SafeArrayCreateVector(
VT_UI1,
txn_in.parray->rgsabound->cElements,
txn_in.parray->rgsabound->cElements);
        pData = (COM_DATA*)
txn_out->parray->pvData;

        m_pTxn->NewOrder(TRUE);

        memcpy(&pData->u.NewOrder, pNewOrder,
sizeof(NEW_ORDER_DATA));

        pData->retval = ERR_SUCCESS;
        pData->error = 0;
        return S_OK;
    }
    catch (CBaseErr *e)
    {
        // check for lost database connection; if yes,
component is toast
        if ( ((e->ErrorType() == ERR_TYPE_DBLIB)
&& (e->ErrorNum() == 10005)) ||
((e->ErrorType() ==
ERR_TYPE_ODBC) && (e->ErrorNum() == 10054)) )
            m_bCanBePooled = FALSE;

        pData->retval = e->ErrorType();
        pData->error = e->ErrorNum();
        delete e;
        return E_FAIL;
    }
    catch (...)
    {
        WriteMessageToEventLog(TEXT("Unhandled
exception."));

        pData->retval = ERR_TYPE_LOGIC;
        pData->error = 0;
        m_bCanBePooled = FALSE;
        return E_FAIL;
    }
}

HRESULT CTPCC_Common::Payment(VARIANT txn_in,
VARIANT* txn_out)
{
    PPAYMENT_DATA pPayment;
    COM_DATA *pData;
    try
    {
        pData = (COM_DATA*)txn_in.parray->pvData;

```

```

        pPayment = m_pTxn->BuffAddr_Payment();

        memcpy(pPayment, &pData->u.Payment,
sizeof(PAYMENT_DATA));

        VariantInit(txn_out);
        txn_out->vt = VT_SAFEARRAY;
        txn_out->parray = SafeArrayCreateVector(
VT_UI1,

txn_in.parray->rgsabound->cElements,

txn_in.parray->rgsabound->cElements);
        pData = (COM_DATA*)
txn_out->parray->pvData;

        m_pTxn->Payment(TRUE);

        memcpy( &pData->u.Payment, pPayment,
sizeof(PAYMENT_DATA));

        pData->retval = ERR_SUCCESS;
        pData->error = 0;
        return S_OK;
    }
    catch (CBaseErr *e)
    {
        // check for lost database connection; if yes,
component is toast
        if ( ((e->ErrorType() == ERR_TYPE_DBLIB)
&& (e->ErrorNum() == 10005)) ||
            ((e->ErrorType() ==
ERR_TYPE_ODBC) && (e->ErrorNum() == 10054)) )
            m_bCanBePooled = FALSE;

        pData->retval = e->ErrorType();
        pData->error = e->ErrorNum();
        delete e;
        return E_FAIL;
    }
    catch (...)
    {
        WriteMessageToEventLog(TEXT("Unhandled
exception."));

        pData->retval = ERR_TYPE_LOGIC;
        pData->error = 0;
        m_bCanBePooled = FALSE;
        return E_FAIL;
    }
}

HRESULT CTPCC_Common::StockLevel(VARIANT txn_in,
VARIANT* txn_out)
{
    PSTOCK_LEVEL_DATA    pStockLevel;
    COM_DATA              *pData;

    try
    {
        pData = (COM_DATA*)txn_in.parray->pvData;
        pStockLevel =
m_pTxn->BuffAddr_StockLevel();

        memcpy(pStockLevel, &pData->u.StockLevel,
sizeof(STOCK_LEVEL_DATA));

        VariantInit(txn_out);

```

```

        txn_out->vt = VT_SAFEARRAY;
        txn_out->parray = SafeArrayCreateVector(
VT_UI1,

txn_in.parray->rgsabound->cElements,

txn_in.parray->rgsabound->cElements);
        pData =
(COM_DATA*)txn_out->parray->pvData;

        m_pTxn->StockLevel();

        memcpy( &pData->u.StockLevel, pStockLevel,
sizeof(STOCK_LEVEL_DATA));

        pData->retval = ERR_SUCCESS;
        pData->error = 0;
        return S_OK;
    }
    catch (CBaseErr *e)
    {
        // check for lost database connection; if yes,
component is toast
        if ( ((e->ErrorType() == ERR_TYPE_DBLIB)
&& (e->ErrorNum() == 10005)) ||
            ((e->ErrorType() ==
ERR_TYPE_ODBC) && (e->ErrorNum() == 10054)) )
            m_bCanBePooled = FALSE;

        pData->retval = e->ErrorType();
        pData->error = e->ErrorNum();
        delete e;
        return E_FAIL;
    }
    catch (...)
    {
        WriteMessageToEventLog(TEXT("Unhandled
exception."));

        pData->retval = ERR_TYPE_LOGIC;
        pData->error = 0;
        m_bCanBePooled = FALSE;
        return E_FAIL;
    }
}

HRESULT CTPCC_Common::OrderStatus(VARIANT txn_in,
VARIANT* txn_out)
{
    PORDER_STATUS_DATA    pOrderStatus;
    COM_DATA              *pData;
    try
    {
        pData = (COM_DATA*)txn_in.parray->pvData;
        pOrderStatus =
m_pTxn->BuffAddr_OrderStatus();

        memcpy(pOrderStatus, &pData->u.OrderStatus,
sizeof(ORDER_STATUS_DATA));

        VariantInit(txn_out);
        txn_out->vt = VT_SAFEARRAY;
        txn_out->parray = SafeArrayCreateVector(
VT_UI1,

txn_in.parray->rgsabound->cElements,

```

```

txn_in.parray->rgsabound->cElements);
    pData =
(COM_DATA*)txn_out->parray->pvData;

    m_pTxn->OrderStatus();

    memcpy( &pData->u.OrderStatus, pOrderStatus,
sizeof(ORDER_STATUS_DATA));

    pData->retval = ERR_SUCCESS;
    pData->error = 0;
    return S_OK;
}
catch (CBaseErr *e)
{
    // check for lost database connection; if yes,
component is toast
    if ( ((e->ErrorType() == ERR_TYPE_DBLIB)
&& (e->ErrorNum() == 10005)) ||
        ((e->ErrorType() ==
ERR_TYPE_ODBC) && (e->ErrorNum() == 10054)) )
        m_bCanBePooled = FALSE;

    pData->retval = e->ErrorType();
    pData->error = e->ErrorNum();
    delete e;
    return E_FAIL;
}
catch (...)
{
    WriteMessageToEventLog(TEXT("Unhandled
exception."));

    pData->retval = ERR_TYPE_LOGIC;
    pData->error = 0;
    m_bCanBePooled = FALSE;
    return E_FAIL;
}
}

```

tpcc_com_all.def

: tpcc_com_all.def : Declares the module parameters.

```

LIBRARY "tpcc_com_all.dll"

EXPORTS
    DllCanUnloadNow @1 PRIVATE
    DllGetClassObject @2 PRIVATE
    DllRegisterServer @3 PRIVATE
    DllUnregisterServer @4 PRIVATE

```

tpcc_com_all.h

/* this ALWAYS GENERATED file contains the definitions for the interfaces */

```

/* File created by MIDL compiler version 5.01.0164 */
/* at Fri Jan 19 11:14:55 2001
*/
/* Compiler settings for .\src\tpcc_com_all.idl:
    Oicf (OptLev=i2), W1, Zp8, env=Win32, ms_ext, c_ext
    error checks: allocation ref bounds_check enum stub_data
*/
//@@@MIDL_FILE_HEADING( )

```

/* verify that the <rpcndr.h> version is high enough to compile this file*/

```

#ifndef __REQUIRED_RPCNDR_H_VERSION__
#define __REQUIRED_RPCNDR_H_VERSION__ 440
#endif

```

```

#include "rpc.h"
#include "rpcndr.h"

```

```

#ifndef __tpcc_com_all_h__
#define __tpcc_com_all_h__

```

```

#ifdef __cplusplus
extern "C" {
#endif

```

/* Forward Declarations */

```

#ifndef __TPCC_FWD_DEFINED__
#define __TPCC_FWD_DEFINED__

```

```

#ifdef __cplusplus
typedef class TPCC TPCC;
#else
typedef struct TPCC TPCC;
#endif /* __cplusplus */

```

```

#endif /* __TPCC_FWD_DEFINED__ */

```

```

#ifndef __NewOrder_FWD_DEFINED__
#define __NewOrder_FWD_DEFINED__

```

```

#ifdef __cplusplus
typedef class NewOrder NewOrder;
#else
typedef struct NewOrder NewOrder;
#endif /* __cplusplus */

```

```

#endif /* __NewOrder_FWD_DEFINED__ */

```

```

#ifndef __OrderStatus_FWD_DEFINED__
#define __OrderStatus_FWD_DEFINED__

```

```

#ifdef __cplusplus
typedef class OrderStatus OrderStatus;
#else
typedef struct OrderStatus OrderStatus;
#endif /* __cplusplus */

```

```

#endif /* __OrderStatus_FWD_DEFINED__ */

```

```

#ifndef __Payment_FWD_DEFINED__
#define __Payment_FWD_DEFINED__

```

```

#ifdef __cplusplus
typedef class Payment Payment;
#else
typedef struct Payment Payment;
#endif /* __cplusplus */

```

```

#endif /* __Payment_FWD_DEFINED__ */

```

```

#ifndef __StockLevel_FWD_DEFINED__
#define __StockLevel_FWD_DEFINED__

#ifdef __cplusplus
typedef class StockLevel StockLevel;
#else
typedef struct StockLevel StockLevel;
#endif /* __cplusplus */

#endif /* __StockLevel_FWD_DEFINED__ */

/* header files for imported files */
#include "oidl.h"
#include "ocidl.h"
#include "tpcc_com_ps.h"

void __RPC_FAR * __RPC_USER MIDL_user_allocate(size_t);
void __RPC_USER MIDL_user_free( void __RPC_FAR * );

/* interface __MIDL_itf_tpcc_com_all_0000 */
/* [local] */

extern RPC_IF_HANDLE
__MIDL_itf_tpcc_com_all_0000_v0_0_c_ifspec;
extern RPC_IF_HANDLE
__MIDL_itf_tpcc_com_all_0000_v0_0_s_ifspec;

#ifndef __TPCCLib_LIBRARY_DEFINED__
#define __TPCCLib_LIBRARY_DEFINED__

/* library TPCCLib */
/* [helpstring][version][uuid] */

EXTERN_C const IID LIBID_TPCCLib;

EXTERN_C const CLSID CLSID_TPCC;

#ifdef __cplusplus
class
DECLSPEC_UUID("122A3128-2520-11D3-BA71-00C04FBFE08B")
TPCC;
#endif

EXTERN_C const CLSID CLSID_NewOrder;

#ifdef __cplusplus
class
DECLSPEC_UUID("975BAABF-84A7-11D2-BA47-00C04FBFE08B")
NewOrder;
#endif

EXTERN_C const CLSID CLSID_OrderStatus;

#ifdef __cplusplus

```

```

class
DECLSPEC_UUID("266836AD-A50D-11D2-BA4E-00C04FBFE08B")
OrderStatus;
#endif

EXTERN_C const CLSID CLSID_Payment;

#ifdef __cplusplus
class
DECLSPEC_UUID("CD02F7EF-A4FA-11D2-BA4E-00C04FBFE08B")
Payment;
#endif

EXTERN_C const CLSID CLSID_StockLevel;

#ifdef __cplusplus
class
DECLSPEC_UUID("2668369E-A50D-11D2-BA4E-00C04FBFE08B")
StockLevel;
#endif /* __TPCCLib_LIBRARY_DEFINED__ */

/* Additional Prototypes for ALL interfaces */
/* end of Additional Prototypes */

#ifdef __cplusplus
}
#endif

#endif

tpcc_com_all.idl

/* FILE: TPCC.IDL
* Microsoft TPC-C Kit Ver.
4.20.000
* Copyright Microsoft,
1999
* All Rights Reserved
* not yet audited
* PURPOSE: IDL source for TPCC.dll. This file is
processed by the MIDL tool to
* produce the type library
(TPCC.tlb) and marshalling code.
*
* Change history:
* 4.20.000 - first version
*/

interface TPCC;
interface NewOrder;
interface OrderStatus;
interface Payment;
interface StockLevel;

```

```

import "oidl.idl";
import "ocidl.idl";
import "..\tpcc_com_ps\src\tpcc_com_ps.idl";

[
    uuid(122A3117-2520-11D3-BA71-00C04FBFE08B),
    version(1.0),
    helpstring("TPC-C 1.0 Type Library")
]
library TPCCLib
{
    importlib("stdole32.tlb");
    importlib("stdole2.tlb");

    [
        uuid(122A3128-2520-11D3-BA71-00C04FBFE08B),
        helpstring("All Txns Class")
    ]
    coclass TPCC
    {
        [default] interface ITPCC;
    };

    [
        uuid(975BAABF-84A7-11D2-BA47-00C04FBFE08B),
        helpstring("NewOrder Class")
    ]
    coclass NewOrder
    {
        [default] interface ITPCC;
    };

    [
        uuid(266836AD-A50D-11D2-BA4E-00C04FBFE08B),
        helpstring("OrderStatus Class")
    ]
    coclass OrderStatus
    {
        [default] interface ITPCC;
    };

    [
        uuid(CD02F7EF-A4FA-11D2-BA4E-00C04FBFE08B),
        helpstring("Payment Class")
    ]
    coclass Payment
    {
        [default] interface ITPCC;
    };

    [
        uuid(2668369E-A50D-11D2-BA4E-00C04FBFE08B),
        helpstring("StockLevel Class")
    ]
    coclass StockLevel
    {
        [default] interface ITPCC;
    };
}

```

```

};
};

```

tpcc_com_all.rc

```

//Microsoft Developer Studio generated resource script.
//
#include "resource.h"

#define APSTUDIO_READONLY_SYMBOLS
////////////////////////////////////
//
// Generated from the TEXTINCLUDE2 resource.
//
#include "winres.h"

////////////////////////////////////
#undef APSTUDIO_READONLY_SYMBOLS

////////////////////////////////////
// English (U.S.) resources

#ifndef AFX_RESOURCE_DLL || defined(AFX_TARG_ENU)
#ifdef _WIN32
LANGUAGE LANG_ENGLISH, SUBLANG_ENGLISH_US
#pragma code_page(1252)
#endif // _WIN32

#ifdef APSTUDIO_INVOKED
////////////////////////////////////
//
// TEXTINCLUDE
//

1 TEXTINCLUDE DISCARDABLE
BEGIN
    "resource.h\0"
END

2 TEXTINCLUDE DISCARDABLE
BEGIN
    "#include ""winres.h""\r\n"
    "\0"
END

3 TEXTINCLUDE DISCARDABLE
BEGIN
    "1 TYPELIB ""tpcc_com_all.tlb""\r\n"
    "\0"
END

#endif // APSTUDIO_INVOKED

#ifdef _MAC
////////////////////////////////////
//
// Version
//

VS_VERSION_INFO VERSIONINFO
FILEVERSION 1,0,0,1
PRODUCTVERSION 1,0,0,1
FILEFLAGSMASK 0x3fL
#ifdef _DEBUG

```

```

FILEFLAGS0x1L
#else
FILEFLAGS0x0L
#endif
FILEOS 0x4L
FILETYPE 0x2L
FILESUBTYPE 0x0L
BEGIN
    BLOCK "StringFileInfo"
    BEGIN
        BLOCK "040904B0"
        BEGIN
            VALUE "CompanyName", "\0"
            VALUE "FileDescription", "tpcc_com_all Module\0"
            VALUE "FileVersion", "1, 0, 0, 1\0"
            VALUE "InternalName", "TPCCNEWORDER\0"
            VALUE "LegalCopyright", "Copyright 1997\0"
            VALUE "OriginalFilename", "tpcc_com_all.DLL\0"
            VALUE "ProductName", "tpcc_com_all Module\0"
            VALUE "ProductVersion", "1, 0, 0, 1\0"
            VALUE "OLESelfRegister", "\0"
        END
    END
    BLOCK "VarFileInfo"
    BEGIN
        VALUE "Translation", 0x409, 1200
    END
END

#endif // !_MAC

////////////////////////////////////
//
// REGISTRY
//

IDR_TPCC          REGISTRY DISCARDABLE
"tpcc_com_all.rgs"
IDR_NEWORDER     REGISTRY DISCARDABLE
"tpcc_com_no.rgs"
IDR_ORDERSTATUS  REGISTRY DISCARDABLE
"tpcc_com_os.rgs"
IDR_PAYMENT      REGISTRY DISCARDABLE
"tpcc_com_pay.rgs"
IDR_STOCKLEVEL   REGISTRY DISCARDABLE
"tpcc_com_sl.rgs"

////////////////////////////////////
//
// String Table
//

STRINGTABLEDISCARDABLE
BEGIN
    IDS_PROJNAME     "tpcc_com_all"
END

#endif // English (U.S.) resources

////////////////////////////////////

#ifndef APSTUDIO_INVOKED
////////////////////////////////////
//
// Generated from the TEXTINCLUDE3 resource.
//

```

```

1 TYPELIB "tpcc_com_all.tlb"

////////////////////////////////////
#endif // not APSTUDIO_INVOKED

tpcc_com_all.rgs

HKCR
{
    TPCC.AllTxns.1 = s 'All Txns Class'
    {
        CLSID = s
'122A3128-2520-11D3-BA71-00C04FBFE08B'
    }
    TPCC.AllTxns = s 'TPCC Class'
    {
        CurVer = s 'TPCC.AllTxns.1'
    }
    NoRemove CLSID
    {
        ForceRemove
'122A3128-2520-11D3-BA71-00C04FBFE08B' = s 'TPCC Class'
    }
    ProgID = s 'TPCC.AllTxns.1'
    VersionIndependentProgID = s
'TPCC.AllTxns'
    InprocServer32 = s '%MODULE%'
    {
        val ThreadingModel = s
'Both'
    }
}

tpcc_com_all.i.c

/* this file contains the actual definitions of */
/* the IIDs and CLSIDs */

/* link this file in with the server and any clients */

/* File created by MIDL compiler version 5.01.0164 */
/* at Fri Jan 19 11:14:55 2001
*/
/* Compiler settings for .\src\tpcc_com_all.idl:
    Oicf (OptLev=i2), W1, Zp8, env=Win32, ms_ext, c_ext
    error checks: allocation ref bounds_check enum stub_data
*/
//@@@MIDL_FILE_HEADING( )
#ifdef __cplusplus
extern "C"{
#endif

#ifndef __IID_DEFINED__
#define __IID_DEFINED__

typedef struct _IID
{
    unsigned long x;
    unsigned short s1;
    unsigned short s2;
    unsigned char c[8];
}

```



```

} IID;

#endif // __IID_DEFINED__

#ifndef CLSID_DEFINED
#define CLSID_DEFINED
typedef IID CLSID;
#endif // CLSID_DEFINED

const IID LIBID_TPCCLib =
{0x122A3117,0x2520,0x11D3,{0xBA,0x71,0x00,0xC0,0x4F,0xBF,0xE0,0x8B}};

const CLSID CLSID_TPCC =
{0x122A3128,0x2520,0x11D3,{0xBA,0x71,0x00,0xC0,0x4F,0xBF,0xE0,0x8B}};

const CLSID CLSID_NewOrder =
{0x975BAABF,0x84A7,0x11D2,{0xBA,0x47,0x00,0xC0,0x4F,0xBF,0xE0,0x8B}};

const CLSID CLSID_OrderStatus =
{0x266836AD,0xA50D,0x11D2,{0xBA,0x4E,0x00,0xC0,0x4F,0xBF,0xE0,0x8B}};

const CLSID CLSID_Payment =
{0xCD02F7EF,0xA4FA,0x11D2,{0xBA,0x4E,0x00,0xC0,0x4F,0xBF,0xE0,0x8B}};

const CLSID CLSID_StockLevel =
{0x2668369E,0xA50D,0x11D2,{0xBA,0x4E,0x00,0xC0,0x4F,0xBF,0xE0,0x8B}};

#ifdef __cplusplus
}
#endif

```

tpcc_com_no.rgs

```

HKCR
{
    TPCC.NewOrder.1 = s 'NewOrder Class'
    {
        CLSID = s
        '{975BAABF-84A7-11D2-BA47-00C04FBFE08B}'
    }
    TPCC.NewOrder = s 'NewOrder Class'
    {
        CurVer = s 'TPCC.NewOrder.1'
    }
    NoRemove CLSID
    {
        ForceRemove
        {975BAABF-84A7-11D2-BA47-00C04FBFE08B} = s 'NewOrder
        Class'
    }
    ProgID = s 'TPCC.NewOrder.1'
    VersionIndependentProgID = s
    'TPCC.NewOrder'
    InprocServer32 = s '%MODULE%'
}

```

```

{
    val ThreadingModel = s
}
}
}
}
}

tpcc_com_os.rgs

HKCR
{
    TPCC.OrderStatus.1 = s 'OrderStatus Class'
    {
        CLSID = s
        '{266836AD-A50D-11D2-BA4E-00C04FBFE08B}'
    }
    TPCC.OrderStatus = s 'OrderStatus Class'
    {
        CurVer = s 'TPCC.OrderStatus.1'
    }
    NoRemove CLSID
    {
        ForceRemove
        {266836AD-A50D-11D2-BA4E-00C04FBFE08B} = s 'OrderStatus
        Class'
    }
    ProgID = s 'TPCC.OrderStatus.1'
    VersionIndependentProgID = s
    'TPCC.OrderStatus'
    InprocServer32 = s '%MODULE%'
    {
        val ThreadingModel = s
    }
}
}
}
}
}
}

```

tpcc_com_pay.rgs

```

HKCR
{
    TPCC.Payment.1 = s 'Payment Class'
    {
        CLSID = s
        '{CD02F7EF-A4FA-11D2-BA4E-00C04FBFE08B}'
    }
    TPCC.Payment = s 'Payment Class'
    {
        CurVer = s 'TPCC.Payment.1'
    }
    NoRemove CLSID
    {
        ForceRemove
        {CD02F7EF-A4FA-11D2-BA4E-00C04FBFE08B} = s 'Payment
        Class'
    }
    ProgID = s 'TPCC.Payment.1'
    VersionIndependentProgID = s
    'TPCC.Payment'
    InprocServer32 = s '%MODULE%'
    {
        val ThreadingModel = s
    }
}
}
}
}
}
}

```

```

    }
}

tpcc_com_ps.def

```

```
LIBRARY "tpcc_com_ps"
```

```
DESCRIPTION 'Proxy/Stub DLL'
```

```
EXPORTS
```

```

    DllGetClassObject    @1    PRIVATE
    DllCanUnloadNow     @2    PRIVATE
    GetProxyDllInfo     @3    PRIVATE
    DllRegisterServer   @4    PRIVATE
    DllUnregisterServer @5    PRIVATE

```

tpcc_com_ps.h

```
/* this ALWAYS GENERATED file contains the definitions for the
interfaces */
```

```
/* File created by MIDL compiler version 5.01.0164 */
```

```
/* at Fri Jan 19 11:14:46 2001
```

```
*/
```

```
/* Compiler settings for .\src\tpcc_com_ps.idl:
```

```

    Oicf (OptLev=i2), W1, Zp8, env=Win32, ms_ext, c_ext
    error checks: allocation ref bounds_check enum stub_data
*/
```

```
//@@MIDL_FILE_HEADING( )
```

```
/* verify that the <rpcndr.h> version is high enough to compile this
file*/
```

```

#ifndef __REQUIRED_RPCNDR_H_VERSION__
#define __REQUIRED_RPCNDR_H_VERSION__ 440
#endif

```

```

#include "rpc.h"
#include "rpcndr.h"

```

```

#ifndef __RPCNDR_H_VERSION__
#error this stub requires an updated version of <rpcndr.h>
#endif // __RPCNDR_H_VERSION__

```

```

#ifndef COM_NO_WINDOWS_H
#include "windows.h"
#include "ole2.h"
#endif /*COM_NO_WINDOWS_H*/

```

```

#ifndef __tpcc_com_ps_h__
#define __tpcc_com_ps_h__

```

```

#ifdef __cplusplus
extern "C"{
#endif

```

```
/* Forward Declarations */
```

```

#ifndef __ITPCC_FWD_DEFINED__
#define __ITPCC_FWD_DEFINED__
typedef interface ITPCC ITPCC;
#endif /* __ITPCC_FWD_DEFINED__ */

```

```
/* header files for imported files */
```

```

#include "oidl.h"
#include "ocidl.h"

```

```

void __RPC_FAR * __RPC_USER MIDL_user_allocate(size_t);
void __RPC_USER MIDL_user_free( void __RPC_FAR * );

```

```

/* interface __MIDL_itf_tpcc_com_ps_0000 */
/* [local] */

```

```

extern RPC_IF_HANDLE
__MIDL_itf_tpcc_com_ps_0000_v0_0_c_ifspec;
extern RPC_IF_HANDLE
__MIDL_itf_tpcc_com_ps_0000_v0_0_s_ifspec;

```

```

#ifndef __ITPCC_INTERFACE_DEFINED__
#define __ITPCC_INTERFACE_DEFINED__

```

```

/* interface ITPCC */
/* [unique][helpstring][uuid][oleautomation][object] */

```

```
EXTERN_C const IID IID_ITPCC;
```

```
#if defined(__cplusplus) && !defined(CINTERFACE)
```

```

MIDL_INTERFACE("FEEE6AA2-84B1-11d2-BA47-00C04FBFE08B")

```

```
ITPCC : public IUnknown
```

```
{
```

```
public:
```

```

    virtual HRESULT __stdcall NewOrder(
        /* [in] */ VARIANT txn_in,
        /* [out] */ VARIANT __RPC_FAR *txn_out) = 0;

```

```

    virtual HRESULT __stdcall Payment(
        /* [in] */ VARIANT txn_in,
        /* [out] */ VARIANT __RPC_FAR *txn_out) = 0;

```

```

    virtual HRESULT __stdcall Delivery(
        /* [in] */ VARIANT txn_in) = 0;

```

```

    virtual HRESULT __stdcall StockLevel(
        /* [in] */ VARIANT txn_in,
        /* [out] */ VARIANT __RPC_FAR *txn_out) = 0;

```

```

    virtual HRESULT __stdcall OrderStatus(
        /* [in] */ VARIANT txn_in,
        /* [out] */ VARIANT __RPC_FAR *txn_out) = 0;

```

```

    virtual HRESULT __stdcall CallSetComplete( void) = 0;

```

```
};
```

```
#else /* C style interface */
```

```
typedef struct ITPCCVtbl
```

```
{
```

```

    BEGIN_INTERFACE

```

```

    HRESULT ( STDMETHODCALLTYPE __RPC_FAR
    *QueryInterface)(

```

```

ITPCC __RPC_FAR * This,
/* [in] */ REFIID riid,
/* [iid_is][out] */ void __RPC_FAR * __RPC_FAR
*ppvObject);

ULONG ( STDMETHODCALLTYPE __RPC_FAR *AddRef)(
ITPCC __RPC_FAR * This);

ULONG ( STDMETHODCALLTYPE __RPC_FAR *Release)(
ITPCC __RPC_FAR * This);

HRESULT ( STDMETHODCALLTYPE __RPC_FAR *NewOrder)(
ITPCC __RPC_FAR * This,
/* [in] */ VARIANT txn_in,
/* [out] */ VARIANT __RPC_FAR *txn_out);

HRESULT ( STDMETHODCALLTYPE __RPC_FAR *Payment)(
ITPCC __RPC_FAR * This,
/* [in] */ VARIANT txn_in,
/* [out] */ VARIANT __RPC_FAR *txn_out);

HRESULT ( STDMETHODCALLTYPE __RPC_FAR *Delivery)(
ITPCC __RPC_FAR * This,
/* [in] */ VARIANT txn_in);

HRESULT ( STDMETHODCALLTYPE __RPC_FAR *StockLevel)(
ITPCC __RPC_FAR * This,
/* [in] */ VARIANT txn_in,
/* [out] */ VARIANT __RPC_FAR *txn_out);

HRESULT ( STDMETHODCALLTYPE __RPC_FAR *OrderStatus)(
ITPCC __RPC_FAR * This,
/* [in] */ VARIANT txn_in,
/* [out] */ VARIANT __RPC_FAR *txn_out);

HRESULT ( STDMETHODCALLTYPE __RPC_FAR *CallSetComplete)(
ITPCC __RPC_FAR * This);

END_INTERFACE
} ITPCCVtbl;

interface ITPCC
{
CONST_VTBL struct ITPCCVtbl __RPC_FAR *lpVtbl;
};

#ifdef COBJMACROS

#define ITPCC_QueryInterface(This,riid,ppvObject) \
(This)->lpVtbl->QueryInterface(This,riid,ppvObject)

#define ITPCC_AddRef(This) \
(This)->lpVtbl->AddRef(This)

#define ITPCC_Release(This) \
(This)->lpVtbl->Release(This)

#define ITPCC_NewOrder(This,txn_in,txn_out) \
(This)->lpVtbl->NewOrder(This,txn_in,txn_out)

#define ITPCC_Payment(This,txn_in,txn_out) \
(This)->lpVtbl->Payment(This,txn_in,txn_out)

#define ITPCC_Delivery(This,txn_in) \

```

```

(This)->lpVtbl->Delivery(This,txn_in)

#define ITPCC_StockLevel(This,txn_in,txn_out) \
(This)->lpVtbl->StockLevel(This,txn_in,txn_out)

#define ITPCC_OrderStatus(This,txn_in,txn_out) \
(This)->lpVtbl->OrderStatus(This,txn_in,txn_out)

#define ITPCC_CallSetComplete(This) \
(This)->lpVtbl->CallSetComplete(This)

#endif /* COBJMACROS */

#endif /* C style interface */

HRESULT STDMETHODCALLTYPE ITPCC_NewOrder_Proxy(
ITPCC __RPC_FAR * This,
/* [in] */ VARIANT txn_in,
/* [out] */ VARIANT __RPC_FAR *txn_out);

void __RPC_STUB ITPCC_NewOrder_Stub(
IRpcStubBuffer *This,
IRpcChannelBuffer *pRpcChannelBuffer,
PRPC_MESSAGE_pRpcMessage,
DWORD *_pdwStubPhase);

HRESULT STDMETHODCALLTYPE ITPCC_Payment_Proxy(
ITPCC __RPC_FAR * This,
/* [in] */ VARIANT txn_in,
/* [out] */ VARIANT __RPC_FAR *txn_out);

void __RPC_STUB ITPCC_Payment_Stub(
IRpcStubBuffer *This,
IRpcChannelBuffer *pRpcChannelBuffer,
PRPC_MESSAGE_pRpcMessage,
DWORD *_pdwStubPhase);

HRESULT STDMETHODCALLTYPE ITPCC_Delivery_Proxy(
ITPCC __RPC_FAR * This,
/* [in] */ VARIANT txn_in);

void __RPC_STUB ITPCC_Delivery_Stub(
IRpcStubBuffer *This,
IRpcChannelBuffer *pRpcChannelBuffer,
PRPC_MESSAGE_pRpcMessage,
DWORD *_pdwStubPhase);

HRESULT STDMETHODCALLTYPE ITPCC_StockLevel_Proxy(
ITPCC __RPC_FAR * This,
/* [in] */ VARIANT txn_in,
/* [out] */ VARIANT __RPC_FAR *txn_out);

void __RPC_STUB ITPCC_StockLevel_Stub(
IRpcStubBuffer *This,
IRpcChannelBuffer *pRpcChannelBuffer,
PRPC_MESSAGE_pRpcMessage,
DWORD *_pdwStubPhase);

```

```

HRESULT __stdcall ITPCC_OrderStatus_Proxy(
    ITPCC __RPC_FAR * This,
    /* [in] */ VARIANT txn_in,
    /* [out] */ VARIANT __RPC_FAR *txn_out);

void __RPC_STUB ITPCC_OrderStatus_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

HRESULT __stdcall ITPCC_CallSetComplete_Proxy(
    ITPCC __RPC_FAR * This);

void __RPC_STUB ITPCC_CallSetComplete_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

#endif /* __ITPCC_INTERFACE_DEFINED__ */

/* Additional Prototypes for ALL interfaces */

unsigned long __RPC_USER VARIANT_UserSize(
    unsigned long __RPC_FAR *, unsigned long , VARIANT
    __RPC_FAR * );
unsigned char __RPC_FAR * __RPC_USER
    VARIANT_UserMarshal( unsigned long __RPC_FAR *, unsigned
    char __RPC_FAR *, VARIANT __RPC_FAR * );
unsigned char __RPC_FAR * __RPC_USER
    VARIANT_UserUnmarshal(unsigned long __RPC_FAR *, unsigned
    char __RPC_FAR *, VARIANT __RPC_FAR * );
void __RPC_USER VARIANT_UserFree( unsigned
    long __RPC_FAR *, VARIANT __RPC_FAR * );

/* end of Additional Prototypes */

#ifdef __cplusplus
}
#endif

#endif

tpcc_com_ps.idl

/* FILE: ITPCC.IDL
 * Microsoft TPC-C Kit Ver.
4.20.000
 * Copyright Microsoft,
1999
 * All Rights Reserved
 *
 * not yet audited
 *
 * PURPOSE: Defines the interface used by TPCC.
This interface can be implemented by C++ components.
 *
 * Change history:

```

```

* 4.20.000 - first version
*/

// Forward declare all types defined
interface ITPCC;
import "oidl.idl";
import "ocidl.idl";

[
    object,
    oleautomation,
    uuid(FEEE6AA2-84B1-11d2-BA47-00C04FBFE08B),
    helpstring("ITPCC Interface"),
    pointer_default(unique)
]
interface ITPCC : IUnknown
{
    HRESULT __stdcall NewOrder
    (
    [in]
    VARIANT txn_in,
    [out] VARIANT *txn_out
    );
    HRESULT __stdcall Payment
    (
    [in]
    VARIANT txn_in,
    [out] VARIANT *txn_out
    );
    HRESULT __stdcall Delivery
    (
    [in]
    VARIANT txn_in
    );
    HRESULT __stdcall StockLevel
    (
    [in]
    VARIANT txn_in,
    [out] VARIANT *txn_out
    );
    HRESULT __stdcall OrderStatus
    (
    [in]
    VARIANT txn_in,
    [out] VARIANT *txn_out
    );
    HRESULT __stdcall CallSetComplete
    (
    );
}; // interface ITPCC

tpcc_com_ps.i.c

/* this file contains the actual definitions of */

```

```

/* the IIDs and CLSIDs */

/* link this file in with the server and any clients */

/* File created by MIDL compiler version 5.01.0164 */
/* at Fri Jan 19 11:14:46 2001
*/
/* Compiler settings for .\src\tpcc_com_ps.idl:
Oicf (OptLev=i2), W1, Zp8, env=Win32, ms_ext, c_ext
error checks: allocation ref bounds_check enum stub_data
*/
//@@@MIDL_FILE_HEADING( )
#ifdef __cplusplus
extern "C"{
#endif

#ifdef __IID_DEFINED__
#define __IID_DEFINED__

typedef struct _IID
{
    unsigned long x;
    unsigned short s1;
    unsigned short s2;
    unsigned char c[8];
} IID;

#endif // __IID_DEFINED__

#ifdef CLSID_DEFINED
#define CLSID_DEFINED
typedef IID CLSID;
#endif // CLSID_DEFINED

const IID IID_ITPCC =
{0xFEEE6AA2,0x84B1,0x11d2,{0xBA,0x47,0x00,0xC0,0x4F,0xBF,0xE0,0x8B}};

#ifdef __cplusplus
}
#endif

tpcc_com_ps_p.c

/* this ALWAYS GENERATED file contains the proxy stub code */

/* File created by MIDL compiler version 5.01.0164 */
/* at Fri Jan 19 11:14:46 2001
*/
/* Compiler settings for .\src\tpcc_com_ps.idl:
Oicf (OptLev=i2), W1, Zp8, env=Win32, ms_ext, c_ext
error checks: allocation ref bounds_check enum stub_data
*/
//@@@MIDL_FILE_HEADING( )

#define USE_STUBLESS_PROXY

/* verify that the <rpcproxy.h> version is high enough to compile this
file*/
#ifdef __REDQ_RPCPROXY_H_VERSION__
#define __REQUIRED_RPCPROXY_H_VERSION__ 440

```

```

#endif

#include "rpcproxy.h"
#ifdef __RPCPROXY_H_VERSION__
#error this stub requires an updated version of <rpcproxy.h>
#endif // __RPCPROXY_H_VERSION__

#include "tpcc_com_ps.h"

#define TYPE_FORMAT_STRING_SIZE 997
#define PROC_FORMAT_STRING_SIZE 187

typedef struct _MIDL_TYPE_FORMAT_STRING
{
    short Pad;
    unsigned char Format[ TYPE_FORMAT_STRING_SIZE];
} MIDL_TYPE_FORMAT_STRING;

typedef struct _MIDL_PROC_FORMAT_STRING
{
    short Pad;
    unsigned char Format[ PROC_FORMAT_STRING_SIZE];
} MIDL_PROC_FORMAT_STRING;

extern const MIDL_TYPE_FORMAT_STRING
__MIDL_TypeFormatString;
extern const MIDL_PROC_FORMAT_STRING
__MIDL_ProcFormatString;

/* Standard interface: __MIDL_itf_tpcc_com_ps_0000, ver. 0.0,
GUID={0x00000000,0x0000,0x0000,{0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00}} */

/* Object interface: IUnknown, ver. 0.0,
GUID={0x00000000,0x0000,0x0000,{0xC0,0x00,0x00,0x00,0x00,0x00,0x00,0x00}} */

/* Object interface: ITPCC, ver. 0.0,
GUID={0xFEEE6AA2,0x84B1,0x11d2,{0xBA,0x47,0x00,0xC0,0x4F,0xBF,0xE0,0x8B}} */

extern const MIDL_STUB_DESC Object_StubDesc;

extern const MIDL_SERVER_INFO ITPCC_ServerInfo;

#pragma code_seg(".orpc")
extern const USER_MARSHAL_ROUTINE_QUADRUPLE
UserMarshalRoutines[1];

static const MIDL_STUB_DESC Object_StubDesc =
{
    0,
    NdrOleAllocate,
    NdrOleFree,
    0,
    0,
    0,
    0,

```

```

0,
0,
__MIDL_TypeFormatString.Format,
1, /* -error bounds_check flag */
0x20000, /* Ndr library version */
0,
0x50100a4, /* MIDL Version 5.1.164 */
0,
UserMarshalRoutines,
0, /* notify & notify_flag routine table */
1, /* Flags */
0, /* Reserved3 */
0, /* Reserved4 */
0 /* Reserved5 */
};

static const unsigned short ITPCC_FormatStringOffsetTable[] =
{
0,
34,
68,
96,
130,
164
};

static const MIDL_SERVER_INFO ITPCC_ServerInfo =
{
&Object_StubDesc,
0,
__MIDL_ProcFormatString.Format,
&ITPCC_FormatStringOffsetTable[-3],
0,
0,
0,
0
};

static const MIDL_STUBLESS_PROXY_INFO ITPCC_ProxyInfo =
{
&Object_StubDesc,
__MIDL_ProcFormatString.Format,
&ITPCC_FormatStringOffsetTable[-3],
0,
0,
0
};

CINTERFACE_PROXY_VTABLE(9)_ITPCCProxyVtbl =
{
&ITPCC_ProxyInfo,
&IID_ITPCC,
IUnknown_QueryInterface_Proxy,
IUnknown_AddRef_Proxy,
IUnknown_Release_Proxy,
(void *)-1 /* ITPCC::NewOrder */,
(void *)-1 /* ITPCC::Payment */,
(void *)-1 /* ITPCC::Delivery */,
(void *)-1 /* ITPCC::StockLevel */,
(void *)-1 /* ITPCC::OrderStatus */,
(void *)-1 /* ITPCC::CallSetComplete */
};

const CInterfaceStubVtbl_ITPCCStubVtbl =
{
&IID_ITPCC,
&ITPCC_ServerInfo,
9,
0, /* pure interpreted */
CStdStubBuffer_METHODS
};

#pragma data_seg(".rdata")

static const USER_MARSHAL_ROUTINE_QUADRUPLE
UserMarshalRoutines[1] =
{
{
VARIANT_UserSize
,VARIANT_UserMarshal
,VARIANT_UserUnmarshal
,VARIANT_UserFree
}
};

#if !defined(__RPC_WIN32__)
#error Invalid build platform for this stub.
#endif

#if !(TARGET_IS_NT40_OR_LATER)
#error You need a Windows NT 4.0 or later to run this stub because it
uses these features:
#error -Oif or -Oicf, [wire_marshall] or [user_marshall] attribute, more
than 32 methods in the interface.
#error However, your C/C++ compilation flags indicate you intend to
run this app on earlier systems.
#error This app will die there with the
RPC_X_WRONG_STUB_VERSION error.
#endif

static const MIDL_PROC_FORMAT_STRING
__MIDL_ProcFormatString =
{
0,
{
/* Procedure NewOrder */
FC_AUTO_HANDLE /* 0x33, */ /*
0x6c, */ /* Old Flags:
object, Oi2 */
/* 2 */ NdrFcLong( 0x0 ), /* 0 */
/* 6 */ NdrFcShort( 0x3 ), /* 3 */
#ifdef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 8 */ NdrFcShort( 0x1c ), /* x86 Stack size/offset = 28 */
#else
NdrFcShort( 0x20 ), /* MIPS &
PPC Stack size/offset = 32 */
#endif
#else
NdrFcShort( 0x28 ), /* Alpha Stack
size/offset = 40 */
#endif
/* 10 */ NdrFcShort( 0x0 ), /* 0 */
/* 12 */ NdrFcShort( 0x8 ), /* 8 */
/* 14 */ 0x7, /* Oi2 Flags: srv must size, clt must
size, has return, */
0x3, /* 3 */
/* Parameter txn_in */
}
}
};

```

```

/* 16 */ NdrFcShort( 0x8b ), /* Flags: must size, must free, in, by
val, */
#ifdef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 18 */ NdrFcShort( 0x4 ), /* x86 Stack size/offset = 4 */
#else
NdrFcShort( 0x8 ), /* MIPS &
PPC Stack size/offset = 8 */
#endif
#else
NdrFcShort( 0x8 ), /* Alpha Stack
size/offset = 8 */
#endif
/* 20 */ NdrFcShort( 0x3c8 ), /* Type Offset=968 */

/* Parameter txn_out */

/* 22 */ NdrFcShort( 0x4113 ), /* Flags: must size, must
free, out, simple ref, srv alloc size=16 */
#ifdef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 24 */ NdrFcShort( 0x14 ), /* x86 Stack size/offset = 20 */
#else
NdrFcShort( 0x18 ), /* MIPS &
PPC Stack size/offset = 24 */
#endif
#else
NdrFcShort( 0x18 ), /* Alpha Stack
size/offset = 24 */
#endif
/* 26 */ NdrFcShort( 0x3da ), /* Type Offset=986 */

/* Return value */

/* 28 */ NdrFcShort( 0x70 ), /* Flags: out, return, base type, */
#ifdef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 30 */ NdrFcShort( 0x18 ), /* x86 Stack size/offset = 24 */
#else
NdrFcShort( 0x1c ), /* MIPS &
PPC Stack size/offset = 28 */
#endif
#else
NdrFcShort( 0x20 ), /* Alpha Stack
size/offset = 32 */
#endif
/* 32 */ 0x8, /* FC_LONG */
0x0, /* 0 */

/* Procedure Payment */

/* 34 */ 0x33, /* FC_AUTO_HANDLE */
0x6c, /* Old Flags:
object, Oi2 */
/* 36 */ NdrFcLong( 0x0 ), /* 0 */
/* 40 */ NdrFcShort( 0x4 ), /* 4 */
#ifdef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 42 */ NdrFcShort( 0x1c ), /* x86 Stack size/offset = 28 */
#else
NdrFcShort( 0x20 ), /* MIPS &
PPC Stack size/offset = 32 */
#endif
#else
NdrFcShort( 0x28 ), /* Alpha Stack
size/offset = 40 */
#endif

/* 44 */ NdrFcShort( 0x0 ), /* 0 */
/* 46 */ NdrFcShort( 0x8 ), /* 8 */
/* 48 */ 0x7, /* Oi2 Flags: srv must size, clt must
size, has return, */
0x3, /* 3 */

/* Parameter txn_in */

/* 50 */ NdrFcShort( 0x8b ), /* Flags: must size, must free, in, by
val, */
#ifdef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 52 */ NdrFcShort( 0x4 ), /* x86 Stack size/offset = 4 */
#else
NdrFcShort( 0x8 ), /* MIPS &
PPC Stack size/offset = 8 */
#endif
#else
NdrFcShort( 0x8 ), /* Alpha Stack
size/offset = 8 */
#endif
/* 54 */ NdrFcShort( 0x3c8 ), /* Type Offset=968 */

/* Parameter txn_out */

/* 56 */ NdrFcShort( 0x4113 ), /* Flags: must size, must
free, out, simple ref, srv alloc size=16 */
#ifdef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 58 */ NdrFcShort( 0x14 ), /* x86 Stack size/offset = 20 */
#else
NdrFcShort( 0x18 ), /* MIPS &
PPC Stack size/offset = 24 */
#endif
#else
NdrFcShort( 0x18 ), /* Alpha Stack
size/offset = 24 */
#endif
/* 60 */ NdrFcShort( 0x3da ), /* Type Offset=986 */

/* Return value */

/* 62 */ NdrFcShort( 0x70 ), /* Flags: out, return, base type, */
#ifdef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 64 */ NdrFcShort( 0x18 ), /* x86 Stack size/offset = 24 */
#else
NdrFcShort( 0x1c ), /* MIPS &
PPC Stack size/offset = 28 */
#endif
#else
NdrFcShort( 0x20 ), /* Alpha Stack
size/offset = 32 */
#endif
/* 66 */ 0x8, /* FC_LONG */
0x0, /* 0 */

/* Procedure Delivery */

/* 68 */ 0x33, /* FC_AUTO_HANDLE */
0x6c, /* Old Flags:
object, Oi2 */
/* 70 */ NdrFcLong( 0x0 ), /* 0 */
/* 74 */ NdrFcShort( 0x5 ), /* 5 */
#ifdef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 76 */ NdrFcShort( 0x18 ), /* x86 Stack size/offset = 24 */
#endif
#endif

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PPC Stack size/offset = 28 */
#endif
#else
    NdrFcShort( 0x1c ), /* MIPS &
/* 110 */ 0x7, /* Oi2 Flags: srv must size, clt must
size, has return, */
    0x3, /* 3 */
    /* Parameter txn_in */
#endif
/* 112 */ NdrFcShort( 0x8b ), /* Flags: must size, must free, in, by
val, */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 114 */ NdrFcShort( 0x4 ), /* x86 Stack size/offset = 4 */
#else
    NdrFcShort( 0x8 ), /* MIPS &
PPC Stack size/offset = 8 */
#endif
#else
    NdrFcShort( 0x8 ), /* Alpha Stack
size/offset = 8 */
#endif
/* 116 */ NdrFcShort( 0x3c8 ), /* Type Offset=968 */
/* Parameter txn_out */
/* 118 */ NdrFcShort( 0x4113 ), /* Flags: must size, must
free, out, simple ref, srv alloc size=16 */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 120 */ NdrFcShort( 0x14 ), /* x86 Stack size/offset = 20 */
#else
    NdrFcShort( 0x18 ), /* MIPS &
PPC Stack size/offset = 24 */
#endif
#else
    NdrFcShort( 0x18 ), /* Alpha Stack
size/offset = 24 */
#endif
/* 122 */ NdrFcShort( 0x3da ), /* Type Offset=986 */
/* Return value */
/* 124 */ NdrFcShort( 0x70 ), /* Flags: out, return, base type, */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 126 */ NdrFcShort( 0x18 ), /* x86 Stack size/offset = 24 */
#else
    NdrFcShort( 0x1c ), /* MIPS &
PPC Stack size/offset = 28 */
#endif
#else
    NdrFcShort( 0x20 ), /* Alpha Stack
size/offset = 32 */
#endif
/* 128 */ 0x8, /* FC_LONG */
0x0, /* 0 */
/* Procedure StockLevel */
/* 96 */ 0x33, /* FC_AUTO_HANDLE */
0x6c, /* Old Flags:
object, Oi2 */
/* 98 */ NdrFcLong( 0x0 ), /* 0 */
/* 102 */ NdrFcShort( 0x6 ), /* 6 */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 104 */ NdrFcShort( 0x1c ), /* x86 Stack size/offset = 28 */
#else
    NdrFcShort( 0x20 ), /* MIPS &
PPC Stack size/offset = 32 */
#endif
#else
    NdrFcShort( 0x28 ), /* Alpha Stack
size/offset = 40 */
#endif
/* 106 */ NdrFcShort( 0x0 ), /* 0 */
/* 108 */ NdrFcShort( 0x8 ), /* 8 */

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#endif
#else
    NdrFcShort( 0x28 ), /* Alpha Stack
size/offset = 40 */
#endif
/* 140 */ NdrFcShort( 0x0 ), /* 0 */
/* 142 */ NdrFcShort( 0x8 ), /* 8 */
/* 144 */ 0x7, /* Oi2 Flags: srv must size, clt must
size, has return, */
    0x3, /* 3 */
    /* Parameter txn_in */
/* 146 */ NdrFcShort( 0x8b ), /* Flags: must size, must free, in, by
val, */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 148 */ NdrFcShort( 0x4 ), /* x86 Stack size/offset = 4 */
#else
    NdrFcShort( 0x8 ), /* MIPS &
PPC Stack size/offset = 8 */
#endif
#else
    NdrFcShort( 0x8 ), /* Alpha Stack
size/offset = 8 */
#endif
/* 150 */ NdrFcShort( 0x3c8 ), /* Type Offset=968 */
    /* Parameter txn_out */
/* 152 */ NdrFcShort( 0x4113 ), /* Flags: must size, must
free, out, simple ref, srv alloc size=16 */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 154 */ NdrFcShort( 0x14 ), /* x86 Stack size/offset = 20 */
#else
    NdrFcShort( 0x18 ), /* MIPS &
PPC Stack size/offset = 24 */
#endif
#else
    NdrFcShort( 0x18 ), /* Alpha Stack
size/offset = 24 */
#endif
/* 156 */ NdrFcShort( 0x3da ), /* Type Offset=986 */
    /* Return value */
/* 158 */ NdrFcShort( 0x70 ), /* Flags: out, return, base type, */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 160 */ NdrFcShort( 0x18 ), /* x86 Stack size/offset = 24 */
#else
    NdrFcShort( 0x1c ), /* MIPS &
PPC Stack size/offset = 28 */
#endif
#else
    NdrFcShort( 0x20 ), /* Alpha Stack
size/offset = 32 */
#endif
/* 162 */ 0x8, /* FC_LONG */
    0x0, /* 0 */
    /* Procedure CallSetComplete */
/* 164 */ 0x33, /* FC_AUTO_HANDLE */
    0x6c, /* Old Flags:
object, Oi2 */
/* 166 */ NdrFcLong( 0x0 ), /* 0 */
/* 170 */ NdrFcShort( 0x8 ), /* 8 */
#ifndef _ALPHA_
/* 172 */ NdrFcShort( 0x8 ), /* x86, MIPS, PPC Stack size/offset
= 8 */
#else
    NdrFcShort( 0x10 ), /* Alpha Stack
size/offset = 16 */
#endif
/* 174 */ NdrFcShort( 0x0 ), /* 0 */
/* 176 */ NdrFcShort( 0x8 ), /* 8 */
/* 178 */ 0x4, /* Oi2 Flags: has return, */
    0x1, /* 1 */
    /* Return value */
/* 180 */ NdrFcShort( 0x70 ), /* Flags: out, return, base type, */
#ifndef _ALPHA_
/* 182 */ NdrFcShort( 0x4 ), /* x86, MIPS, PPC Stack size/offset
= 4 */
#else
    NdrFcShort( 0x8 ), /* Alpha Stack
size/offset = 8 */
#endif
/* 184 */ 0x8, /* FC_LONG */
    0x0, /* 0 */
    0x0
}
};
static const MIDL_TYPE_FORMAT_STRING
__MIDL_TypeFormatString =
{
    0,
    {
        NdrFcShort( 0x0 ), /* 0 */
        /* 2 */
        0x12, 0x0, /* FC_UP */
        /* 4 */ NdrFcShort( 0x3b0 ), /* Offset= 944 (948) */
        /* 6 */
        0x2b, /*
FC_NON_ENCAPSULATED_UNION */
        0x9, /* FC_ULONG
*/
        /* 8 */ 0x7, /* Corr desc: FC_USHORT */
        0x0, /* */
        /* 10 */ NdrFcShort( 0xffff ), /* -8 */
        /* 12 */ NdrFcShort( 0x2 ), /* Offset= 2 (14) */
        /* 14 */ NdrFcShort( 0x10 ), /* 16 */
        /* 16 */ NdrFcShort( 0x2b ), /* 43 */
        /* 18 */ NdrFcLong( 0x3 ), /* 3 */
        /* 22 */ NdrFcShort( 0x8008 ), /* Simple arm type:
FC_LONG */
        /* 24 */ NdrFcLong( 0x11 ), /* 17 */
        /* 28 */ NdrFcShort( 0x8001 ), /* Simple arm type:
FC_BYTE */
        /* 30 */ NdrFcLong( 0x2 ), /* 2 */
        /* 34 */ NdrFcShort( 0x8006 ), /* Simple arm type:
FC_SHORT */
        /* 36 */ NdrFcLong( 0x4 ), /* 4 */
        /* 40 */ NdrFcShort( 0x800a ), /* Simple arm type:
FC_FLOAT */
        /* 42 */ NdrFcLong( 0x5 ), /* 5 */
        /* 46 */ NdrFcShort( 0x800c ), /* Simple arm type:
FC_DOUBLE */
        /* 48 */ NdrFcLong( 0xb ), /* 11 */
        /* 52 */ NdrFcShort( 0x8006 ), /* Simple arm type:
FC_SHORT */
    }
}

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/* 54 */ NdrFcLong( 0xa ), /* 10 */
/* 58 */ NdrFcShort( 0x8008 ), /* Simple arm type:
FC_LONG */
/* 60 */ NdrFcLong( 0x6 ), /* 6 */
/* 64 */ NdrFcShort( 0xd6 ), /* Offset= 214 (278) */
/* 66 */ NdrFcLong( 0x7 ), /* 7 */
/* 70 */ NdrFcShort( 0x800c ), /* Simple arm type:
FC_DOUBLE */
/* 72 */ NdrFcLong( 0x8 ), /* 8 */
/* 76 */ NdrFcShort( 0xd0 ), /* Offset= 208 (284) */
/* 78 */ NdrFcLong( 0xd ), /* 13 */
/* 82 */ NdrFcShort( 0xe2 ), /* Offset= 226 (308) */
/* 84 */ NdrFcLong( 0x9 ), /* 9 */
/* 88 */ NdrFcShort( 0xee ), /* Offset= 238 (326) */
/* 90 */ NdrFcLong( 0x2000 ), /* 8192 */
/* 94 */ NdrFcShort( 0xfa ), /* Offset= 250 (344) */
/* 96 */ NdrFcLong( 0x24 ), /* 36 */
/* 100 */ NdrFcShort( 0x308 ), /* Offset= 776 (876) */
/* 102 */ NdrFcLong( 0x4024 ), /* 16420 */
/* 106 */ NdrFcShort( 0x302 ), /* Offset= 770 (876) */
/* 108 */ NdrFcLong( 0x4011 ), /* 16401 */
/* 112 */ NdrFcShort( 0x300 ), /* Offset= 768 (880) */
/* 114 */ NdrFcLong( 0x4002 ), /* 16386 */
/* 118 */ NdrFcShort( 0x2fe ), /* Offset= 766 (884) */
/* 120 */ NdrFcLong( 0x4003 ), /* 16387 */
/* 124 */ NdrFcShort( 0x2fc ), /* Offset= 764 (888) */
/* 126 */ NdrFcLong( 0x4004 ), /* 16388 */
/* 130 */ NdrFcShort( 0x2fa ), /* Offset= 762 (892) */
/* 132 */ NdrFcLong( 0x4005 ), /* 16389 */
/* 136 */ NdrFcShort( 0x2f8 ), /* Offset= 760 (896) */
/* 138 */ NdrFcLong( 0x400b ), /* 16395 */
/* 142 */ NdrFcShort( 0x2e6 ), /* Offset= 742 (884) */
/* 144 */ NdrFcLong( 0x400a ), /* 16394 */
/* 148 */ NdrFcShort( 0x2e4 ), /* Offset= 740 (888) */
/* 150 */ NdrFcLong( 0x4006 ), /* 16390 */
/* 154 */ NdrFcShort( 0x2ea ), /* Offset= 746 (900) */
/* 156 */ NdrFcLong( 0x4007 ), /* 16391 */
/* 160 */ NdrFcShort( 0x2e0 ), /* Offset= 736 (896) */
/* 162 */ NdrFcLong( 0x4008 ), /* 16392 */
/* 166 */ NdrFcShort( 0x2e2 ), /* Offset= 738 (904) */
/* 168 */ NdrFcLong( 0x400d ), /* 16397 */
/* 172 */ NdrFcShort( 0x2e0 ), /* Offset= 736 (908) */
/* 174 */ NdrFcLong( 0x4009 ), /* 16393 */
/* 178 */ NdrFcShort( 0x2de ), /* Offset= 734 (912) */
/* 180 */ NdrFcLong( 0x6000 ), /* 24576 */
/* 184 */ NdrFcShort( 0x2dc ), /* Offset= 732 (916) */
/* 186 */ NdrFcLong( 0x400c ), /* 16396 */
/* 190 */ NdrFcShort( 0x2da ), /* Offset= 730 (920) */
/* 192 */ NdrFcLong( 0x10 ), /* 16 */
/* 196 */ NdrFcShort( 0x8002 ), /* Simple arm type:
FC_CHAR */
/* 198 */ NdrFcLong( 0x12 ), /* 18 */
/* 202 */ NdrFcShort( 0x8006 ), /* Simple arm type:
FC_SHORT */
/* 204 */ NdrFcLong( 0x13 ), /* 19 */
/* 208 */ NdrFcShort( 0x8008 ), /* Simple arm type:
FC_LONG */
/* 210 */ NdrFcLong( 0x16 ), /* 22 */
/* 214 */ NdrFcShort( 0x8008 ), /* Simple arm type:
FC_LONG */
/* 216 */ NdrFcLong( 0x17 ), /* 23 */
/* 220 */ NdrFcShort( 0x8008 ), /* Simple arm type:
FC_LONG */
/* 222 */ NdrFcLong( 0xe ), /* 14 */
/* 226 */ NdrFcShort( 0x2be ), /* Offset= 702 (928) */
/* 228 */ NdrFcLong( 0x400e ), /* 16398 */
/* 232 */ NdrFcShort( 0x2c4 ), /* Offset= 708 (940) */
/* 234 */ NdrFcLong( 0x4010 ), /* 16400 */

/* 238 */ NdrFcShort( 0x2c2 ), /* Offset= 706 (944) */
/* 240 */ NdrFcLong( 0x4012 ), /* 16402 */
/* 244 */ NdrFcShort( 0x280 ), /* Offset= 640 (884) */
/* 246 */ NdrFcLong( 0x4013 ), /* 16403 */
/* 250 */ NdrFcShort( 0x27e ), /* Offset= 638 (888) */
/* 252 */ NdrFcLong( 0x4016 ), /* 16406 */
/* 256 */ NdrFcShort( 0x278 ), /* Offset= 632 (888) */
/* 258 */ NdrFcLong( 0x4017 ), /* 16407 */
/* 262 */ NdrFcShort( 0x272 ), /* Offset= 626 (888) */
/* 264 */ NdrFcLong( 0x0 ), /* 0 */
/* 268 */ NdrFcShort( 0x0 ), /* Offset= 0 (268) */
/* 270 */ NdrFcLong( 0x1 ), /* 1 */
/* 274 */ NdrFcShort( 0x0 ), /* Offset= 0 (274) */
/* 276 */ NdrFcShort( 0xffffffff ), /* Offset= -1 (275) */
/* 278 */

0x15, /*
FC_STRUCT */
0x7, /* 7 */
/* 280 */ NdrFcShort( 0x8 ), /* 8 */
/* 282 */ 0xb, /* FC_HYPER */
0x5b, /* FC_END */
/* 284 */
0x12, 0x0, /* FC_UP */
/* 286 */ NdrFcShort( 0xc ), /* Offset= 12 (298) */
/* 288 */
0x1b, /*
FC_CARRAY */
0x1, /* 1 */
/* 290 */ NdrFcShort( 0x2 ), /* 2 */
/* 292 */ 0x9, /* Corr desc: FC_ULONG */
0x0, /*
/* 294 */ NdrFcShort( 0xffc ), /* -4 */
/* 296 */ 0x6, /* FC_SHORT */
0x5b, /* FC_END */
/* 298 */
0x17, /*
FC_CSTRUCT */
0x3, /* 3 */
/* 300 */ NdrFcShort( 0x8 ), /* 8 */
/* 302 */ NdrFcShort( 0xffffffff2 ), /* Offset= -14 (288) */
/* 304 */ 0x8, /* FC_LONG */
0x8, /* FC_LONG
*/
/* 306 */ 0x5c, /* FC_PAD */
0x5b, /* FC_END */
/* 308 */
0x2f, /* FC_IP */
0x5a, /*
FC_CONSTANT_IID */
/* 310 */ NdrFcLong( 0x0 ), /* 0 */
/* 314 */ NdrFcShort( 0x0 ), /* 0 */
/* 316 */ NdrFcShort( 0x0 ), /* 0 */
/* 318 */ 0xc0, /* 192 */
0x0, /* 0 */
/* 320 */ 0x0, /* 0 */
0x0, /* 0 */
/* 322 */ 0x0, /* 0 */
0x0, /* 0 */
/* 324 */ 0x0, /* 0 */
0x46, /* 70 */
/* 326 */
0x2f, /* FC_IP */
0x5a, /*
FC_CONSTANT_IID */
/* 328 */ NdrFcLong( 0x20400 ), /* 132096 */
/* 332 */ NdrFcShort( 0x0 ), /* 0 */
/* 334 */ NdrFcShort( 0x0 ), /* 0 */
/* 336 */ 0xc0, /* 192 */

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/* 338 */	0x0,	0x0,	/* 0 */	/*	0x8,	/* FC_LONG
/* 340 */	0x0,	0x0,	/* 0 */	/* 448 */	0x5c,	/* FC_PAD */
/* 342 */	0x0,	0x0,	/* 0 */	/* 450 */	0x5b,	/* FC_END */
/* 344 */		0x46,	/* 70 */	FC_PSTRUCT */	0x16,	/*
/* 346 */	NdrFcShort(0x2),	0x12, 0x10,	/* FC_UP */	/* 452 */	NdrFcShort(0x8),	/* 3 */
/* 348 */		/* Offset= 2 (348) */	/*	/* 454 */		/* 8 */
/* 350 */	NdrFcShort(0x1fc),	0x12, 0x0,	/* FC_UP */	/* 456 */	0x4b,	/* FC_PP */
/* 352 */		/* Offset= 508 (858) */	/*		0x5c,	/* FC_PAD */
FC_ENCAPSULATED_UNION */		0x2a,	/*	FC_NO_REPEAT */	0x46,	/*
/* 354 */	NdrFcShort(0x18),	0x49,	/* 73 */	/* 458 */	NdrFcShort(0x4),	/* 4 */
/* 356 */	NdrFcShort(0xa),	/* 24 */	/*	/* 460 */	NdrFcShort(0x4),	/* 4 */
/* 358 */	NdrFcLong(0x8),	/* 10 */	/*	/* 462 */	0x11, 0x0,	/* FC_RP */
/* 362 */	NdrFcShort(0x58),	/* 8 */	/*	/* 464 */	NdrFcShort(0xfffffd4),	/* Offset= -44 (420) */
/* 364 */	NdrFcLong(0xd),	/* 13 */	/*	/* 466 */		/*
/* 368 */	NdrFcShort(0x78),	/* 13 */	/*		0x5b,	/* FC_END */
/* 370 */	NdrFcLong(0x9),	/* 9 */	/*		0x8,	/* FC_LONG
/* 374 */	NdrFcShort(0x94),	/* 12 */	/*	/*		/*
/* 376 */	NdrFcLong(0xc),	/* 12 */	/*	/* 468 */	0x8,	/* FC_LONG */
/* 380 */	NdrFcShort(0xbc),	/* 12 */	/*	/* 470 */	0x5b,	/* FC_END */
/* 382 */	NdrFcLong(0x24),	/* 12 */	/*			/*
/* 386 */	NdrFcShort(0x114),	/* 12 */	/*		0x21,	/*
/* 388 */	NdrFcLong(0x800d),	/* 12 */	/*	FC_BOGUS_ARRAY */		/*
/* 392 */	NdrFcShort(0x130),	/* 12 */	/*	/* 472 */	NdrFcShort(0x0),	/* 3 */
/* 394 */	NdrFcLong(0x10),	/* 16 */	/*	/* 474 */	0x19,	/* Corr desc: field pointer,
/* 398 */	NdrFcShort(0x148),	/* 16 */	/*	FC_ULONG */		/*
/* 400 */	NdrFcLong(0x2),	/* 2 */	/*	/* 476 */	NdrFcShort(0x0),	/* 0 */
/* 404 */	NdrFcShort(0x160),	/* 2 */	/*	/* 478 */	NdrFcLong(0xffffffff),	/* -1 */
/* 406 */	NdrFcLong(0x3),	/* 3 */	/*	/* 482 */	0x4c,	/* FC_EMBEDDED_COMPLEX */
/* 410 */	NdrFcShort(0x178),	/* 3 */	/*	/* 484 */	NdrFcShort(0xfffff50),	/* Offset= -176 (308) */
/* 412 */	NdrFcLong(0x14),	/* 20 */	/*	/* 486 */	0x5c,	/* FC_PAD */
/* 416 */	NdrFcShort(0x190),	/* 20 */	/*	/* 488 */	0x5b,	/* FC_END */
/* 418 */	NdrFcShort(0xffffffff),	/* 20 */	/*			/*
/* 420 */			/*	FC_BOGUS_STRUCT */	0x1a,	/*
FC_CARRAY */		0x1b,	/*	/* 490 */	NdrFcShort(0x8),	/* 3 */
/* 422 */	NdrFcShort(0x4),	/* 3 */	/*	/* 492 */	NdrFcShort(0x0),	/* 0 */
/* 424 */	0x19,	/* 4 */	/*	/* 494 */	NdrFcShort(0x6),	/* Offset= 6 (500) */
FC_ULONG */			/*	/* 496 */	0x8,	/* FC_LONG */
/* 426 */	NdrFcShort(0x0),	/* 0 */	/*		0x36,	/*
/* 428 */			/*	FC_POINTER */		/*
/* 430 */		0x4b,	/* FC_PP */	/* 498 */	0x5c,	/* FC_PAD */
		0x5c,	/* FC_PAD */	/* 500 */		/*
FC_VARIABLE_REPEAT */		0x48,	/*		0x5b,	/* FC_END */
FC_FIXED_OFFSET */		0x49,	/*	/* 502 */	NdrFcShort(0xfffffe0),	/* Offset= -32 (470) */
/* 432 */	NdrFcShort(0x4),	/* 4 */	/*	/* 504 */		/*
/* 434 */	NdrFcShort(0x0),	/* 0 */	/*	FC_BOGUS_ARRAY */	0x21,	/*
/* 436 */	NdrFcShort(0x1),	/* 1 */	/*	/* 506 */	NdrFcShort(0x0),	/* 0 */
/* 438 */	NdrFcShort(0x0),	/* 0 */	/*	/* 508 */	0x19,	/* Corr desc: field pointer,
/* 440 */	NdrFcShort(0x0),	/* 0 */	/*	FC_ULONG */		/*
/* 442 */	0x12, 0x0,	/* FC_UP */	/*	/* 510 */	NdrFcShort(0x0),	/* 0 */
/* 444 */	NdrFcShort(0xffffffff6e),	/* 0 */	/*	/* 512 */	NdrFcLong(0xffffffff),	/* -1 */
/* 446 */		/* Offset= -146 (298) */	/*	/* 516 */	0x4c,	/* FC_EMBEDDED_COMPLEX */
		0x5b,	/* FC_END */			/*

0x0, /* 0 */	FC_CONSTANT_IID */	0x5a, /*
/* 518 */ NdrFcShort(0xfffff40), /* Offset= -192 (326) */	/* 586 */ NdrFcLong(0x2f), /* 47 */	
/* 520 */ 0x5c, /* FC_PAD */	/* 590 */ NdrFcShort(0x0), /* 0 */	
/* 522 */	/* 592 */ NdrFcShort(0x0), /* 0 */	
0x1a, /*	/* 594 */ 0xc0, /* 192 */	
FC_BOGUS_STRUCT */	0x0, /* 0 */	
0x3, /* 3 */	/* 596 */ 0x0, /* 0 */	
/* 524 */ NdrFcShort(0x8), /* 8 */	/* 598 */ 0x0, /* 0 */	
/* 526 */ NdrFcShort(0x0), /* 0 */	/* 600 */ 0x0, /* 0 */	
/* 528 */ NdrFcShort(0x6), /* Offset= 6 (534) */	/* 602 */	
/* 530 */ 0x8, /* FC_LONG */	0x46, /* 70 */	
0x36, /*		
FC_POINTER */		
/* 532 */ 0x5c, /* FC_PAD */	0x1b, /*	
/* 534 */	FC_CARRY */	
0x11, 0x0, /* FC_RP */	0x0, /* 0 */	
/* 536 */ NdrFcShort(0xfffffe0), /* Offset= -32 (504) */	/* 604 */ NdrFcShort(0x1), /* 1 */	
/* 538 */	/* 606 */ 0x19, /* Corr desc: field pointer,	
0x1b, /*	FC_ULONG */	
FC_CARRY */	0x0, /*	
0x3, /* 3 */	/* 608 */ NdrFcShort(0x4), /* 4 */	
/* 540 */ NdrFcShort(0x4), /* 4 */	/* 610 */ 0x1, /* FC_BYTE */	
/* 542 */ 0x19, /* Corr desc: field pointer,	0x5b, /* FC_END */	
FC_ULONG */	/* 612 */	
0x0, /*	0x1a, /*	
/* 544 */ NdrFcShort(0x0), /* 0 */	FC_BOGUS_STRUCT */	
/* 546 */	0x3, /* 3 */	
0x4b, /* FC_PP */	/* 614 */ NdrFcShort(0x10), /* 16 */	
0x5c, /* FC_PAD */	/* 616 */ NdrFcShort(0x0), /* 0 */	
/* 548 */	/* 618 */ NdrFcShort(0xa), /* Offset= 10 (628) */	
0x48, /*	/* 620 */ 0x8, /* FC_LONG */	
FC_VARIABLE_REPEAT */	0x8, /* FC_LONG	
0x49, /*	*/	
FC_FIXED_OFFSET */	/* 622 */ 0x4c, /* FC_EMBEDDED_COMPLEX */	
/* 550 */ NdrFcShort(0x4), /* 4 */	0x0, /* 0 */	
/* 552 */ NdrFcShort(0x0), /* 0 */	/* 624 */ NdrFcShort(0xfffffd8), /* Offset= -40 (584) */	
/* 554 */ NdrFcShort(0x1), /* 1 */	/* 626 */ 0x36, /* FC_POINTER */	
/* 556 */ NdrFcShort(0x0), /* 0 */	0x5b, /* FC_END */	
/* 558 */ NdrFcShort(0x0), /* 0 */	/* 628 */	
/* 560 */ 0x12, 0x0, /* FC_UP */	0x12, 0x0, /* FC_UP */	
/* 562 */ NdrFcShort(0xffffdce), /* Offset= -562 (0) */	/* 630 */ NdrFcShort(0xfffffe4), /* Offset= -28 (602) */	
/* 564 */	/* 632 */	
0x5b, /* FC_END */	0x1b, /*	
0x8, /* FC_LONG	FC_CARRY */	
/*	0x3, /* 3 */	
/* 566 */ 0x5c, /* FC_PAD */	/* 634 */ NdrFcShort(0x4), /* 4 */	
/* 568 */	/* 636 */ 0x19, /* Corr desc: field pointer,	
0x1a, /*	FC_ULONG */	
FC_BOGUS_STRUCT */	0x0, /*	
0x3, /* 3 */	/* 638 */ NdrFcShort(0x0), /* 0 */	
/* 570 */ NdrFcShort(0x8), /* 8 */	/* 640 */	
/* 572 */ NdrFcShort(0x0), /* 0 */	0x4b, /* FC_PP */	
/* 574 */ NdrFcShort(0x6), /* Offset= 6 (580) */	0x5c, /* FC_PAD */	
/* 576 */ 0x8, /* FC_LONG */	0x48, /*	
0x36, /*	FC_VARIABLE_REPEAT */	
FC_POINTER */	0x49, /*	
/* 578 */ 0x5c, /* FC_PAD */	FC_FIXED_OFFSET */	
/* 580 */	/* 644 */ NdrFcShort(0x4), /* 4 */	
0x11, 0x0, /* FC_RP */	/* 646 */ NdrFcShort(0x0), /* 0 */	
/* 582 */ NdrFcShort(0xfffffd4), /* Offset= -44 (538) */	/* 648 */ NdrFcShort(0x1), /* 1 */	
/* 584 */	/* 650 */ NdrFcShort(0x0), /* 0 */	
0x2f, /* FC_IP */	/* 652 */ NdrFcShort(0x0), /* 0 */	
	/* 654 */ 0x12, 0x0, /* FC_UP */	
	/* 656 */ NdrFcShort(0xfffffd4), /* Offset= -44 (612) */	
	/* 658 */	
	0x5b, /* FC_END */	

0x8,	/* FC_LONG	/* 722 */ NdrFcShort(0x0),	/* 0 */
/* 660 */ 0x5c,	/* FC_PAD */	/* 724 */ 0x1,	/* FC_BYTE */
/* 662 */	0x5b,	/* 726 */	0x5b,
FC_BOGUS_STRUCT */	/* FC_END */	FC_PSTRUCT */	/* FC_END */
0x1a,	/*	0x16,	/*
0x3,	/* 3 */	0x3,	/* 3 */
/* 664 */ NdrFcShort(0x8),	/* 8 */	/* 728 */ NdrFcShort(0x8),	/* 8 */
/* 666 */ NdrFcShort(0x0),	/* 0 */	/* 730 */	0x4b,
/* 668 */ NdrFcShort(0x6),	/* Offset= 6 (674) */	/* 732 */	0x5c,
/* 670 */ 0x8,	/* FC_LONG */	/* 734 */	/* FC_PP */
FC_POINTER */	0x36,	FC_NO_REPEAT */	/* FC_PAD */
/* 672 */ 0x5c,	/* FC_PAD */	0x5c,	/* FC_PAD */
/* 674 */	0x5b,	/* 734 */ NdrFcShort(0x4),	/* 4 */
0x11, 0x0, /* FC_RP */	/* FC_END */	/* 736 */ NdrFcShort(0x4),	/* 4 */
/* 676 */ NdrFcShort(0xfffffd4),	/* Offset= -44 (632) */	/* 738 */ 0x12, 0x0, /* FC_UP */	/*
/* 678 */	0x1d,	/* 740 */ NdrFcShort(0xfffffe8),	/* Offset= -24 (716) */
FC_SMFARRAY */	/*	/* 742 */	0x5b,
0x0,	/* 0 */	0x8,	/* FC_END */
/* 680 */ NdrFcShort(0x8),	/* 8 */	/* 744 */ 0x8,	/* FC_LONG
/* 682 */ 0x2,	/* FC_CHAR */	/* 746 */	0x5b,
/* 684 */	0x5b,	FC_CARRAY */	/* FC_END */
FC_STRUCT */	/*	0x1b,	/*
0x15,	/*	0x1,	/* 1 */
/* 686 */ NdrFcShort(0x10),	/* 3 */	/* 748 */ NdrFcShort(0x2),	/* 2 */
/* 688 */ 0x8,	/* 16 */	/* 750 */ 0x19,	/* Corr desc: field pointer,
/*	/* FC_LONG */	FC_ULONG */	/*
/* 690 */ 0x6,	/* FC_SHORT	0x0,	/* *
/*	/* FC_SHORT */	/* 752 */ NdrFcShort(0x0),	/* 0 */
FC_EMBEDDED_COMPLEX */	0x4c,	/* 754 */ 0x6,	/* FC_SHORT */
/* 692 */ 0x0,	/*	/* 756 */	0x5b,
Offset= -15 (678) */	NdrFcShort(0xffffffff),	FC_PSTRUCT */	/* FC_END */
/* 696 */	/*	0x16,	/*
FC_BOGUS_STRUCT */	0x5b,	/* 758 */ NdrFcShort(0x8),	/* 3 */
0x1a,	/*	/* 760 */	0x3,
0x3,	/* 3 */	/* 762 */	/* 3 */
/* 698 */ NdrFcShort(0x18),	/* 24 */	0x4b,	/* FC_PP */
/* 700 */ NdrFcShort(0x0),	/* 0 */	0x5c,	/* FC_PAD */
/* 702 */ NdrFcShort(0xa),	/* Offset= 10 (712) */	0x46,	/*
/* 704 */ 0x8,	/* FC_LONG */	FC_NO_REPEAT */	/*
FC_POINTER */	0x36,	0x5c,	/* FC_PAD */
/* 706 */ 0x4c,	/* FC_EMBEDDED_COMPLEX */	/* 764 */ NdrFcShort(0x4),	/* 4 */
/*	0x0,	/* 766 */ NdrFcShort(0x4),	/* 4 */
/* 708 */ NdrFcShort(0xfffffe8),	/* Offset= -24 (684) */	/* 768 */ 0x12, 0x0, /* FC_UP */	/*
/* 710 */ 0x5c,	/* FC_PAD */	/* 770 */ NdrFcShort(0xfffffe8),	/* Offset= -24 (746) */
/* 712 */	0x5b,	/* 772 */	0x5b,
/*	/*	0x8,	/* FC_END */
/* 714 */ NdrFcShort(0xfffff0c),	/* Offset= -244 (470) */	/* 774 */ 0x8,	/* FC_LONG
/* 716 */	0x1b,	/* 776 */	0x5b,
FC_CARRAY */	/*	FC_CARRAY */	/* FC_END */
0x0,	/* 0 */	0x1b,	/*
/* 718 */ NdrFcShort(0x1),	/* 1 */	FC_CARRAY */	/*
/* 720 */ 0x19,	/* Corr desc: field pointer,	0x3,	/* 3 */
FC_ULONG */	/*	/* 778 */ NdrFcShort(0x4),	/* 4 */
0x0,	/* *	/* 780 */ 0x19,	/* Corr desc: field pointer,
		FC_ULONG */	/*
		0x0,	/* *

```

/* 782 */ NdrFcShort( 0x0 ), /* 0 */
/* 784 */ 0x8, /* FC_LONG */
/* 786 */
/* 792 */
FC_NO_REPEAT */
/* 794 */ NdrFcShort( 0x4 ), /* 4 */
/* 796 */ NdrFcShort( 0x4 ), /* 4 */
/* 798 */ 0x12, 0x0, /* FC_UP */
/* 800 */ NdrFcShort( 0xfffffe8 ), /* Offset= -24 (776) */
/* 802 */
/* 804 */ 0x8, /* FC_LONG */
/* 806 */
FC_CARRAY */
/* 808 */ NdrFcShort( 0x8 ), /* 8 */
/* 810 */ 0x19, /* Corr desc: field pointer,
FC_ULONG */
/* 812 */ NdrFcShort( 0x0 ), /* 0 */
/* 814 */ 0xb, /* FC_HYPER */
/* 816 */
FC_PSTRUCT */
/* 818 */ NdrFcShort( 0x8 ), /* 8 */
/* 820 */
/* 822 */
FC_NO_REPEAT */
/* 824 */ NdrFcShort( 0x4 ), /* 4 */
/* 826 */ NdrFcShort( 0x4 ), /* 4 */
/* 828 */ 0x12, 0x0, /* FC_UP */
/* 830 */ NdrFcShort( 0xfffffe8 ), /* Offset= -24 (806) */
/* 832 */
/* 834 */ 0x8, /* FC_LONG */
/* 836 */
FC_STRUCT */
/* 838 */ NdrFcShort( 0x8 ), /* 8 */
/* 840 */ 0x8, /* FC_LONG */
/*
/* 842 */ 0x5c, /* FC_PAD */
/* 844 */
FC_CARRAY */
/* 846 */ NdrFcShort( 0x8 ), /* 8 */
/* 848 */ 0x7, /* Corr desc: FC_USHORT */
/* 850 */ NdrFcShort( 0xffd8 ), /* -40 */
/* 852 */ 0x4c, /* FC_EMBEDDED_COMPLEX */
/* 854 */ NdrFcShort( 0xfffffee ), /* Offset= -18 (836) */
/* 856 */ 0x5c, /* FC_PAD */
/* 858 */
FC_BOGUS_STRUCT */
/* 860 */ NdrFcShort( 0x28 ), /* 40 */
/* 862 */ NdrFcShort( 0xfffffee ), /* Offset= -18 (844) */
/* 864 */ NdrFcShort( 0x0 ), /* Offset= 0 (864) */
/* 866 */ 0x6, /* FC_SHORT */
/* 868 */ 0x38, /* FC_ALIGNM4 */
/* 870 */ 0x8, /* FC_LONG */
FC_EMBEDDED_COMPLEX */
/* 872 */ 0x0, /* 0 */
Offset= -521 (352) */
/* 876 */
/* 878 */ NdrFcShort( 0xfffffe6 ), /* Offset= -266 (612) */
/* 880 */
[simple_pointer] */
/* 882 */ 0x1, /* FC_BYTE */
/* 884 */
[simple_pointer] */
/* 886 */ 0x6, /* FC_SHORT */
/* 888 */
[simple_pointer] */
/* 890 */ 0x8, /* FC_LONG */
/* 892 */
[simple_pointer] */
/* 894 */ 0xa, /* FC_FLOAT */
/* 896 */
[simple_pointer] */
/* 898 */ 0xc, /* FC_DOUBLE */
/* 900 */
/* 902 */ NdrFcShort( 0xffffd90 ), /* Offset= -624 (278) */
/* 904 */
/*
0x12, 0x10, /* FC_UP */

```

```

/* 906 */ NdrFcShort( 0xffffd92 ), /* Offset= -622 (284) */
/* 908 */
                                0x12, 0x10, /* FC_UP */
/* 910 */ NdrFcShort( 0xffffda6 ), /* Offset= -602 (308) */
/* 912 */
                                0x12, 0x10, /* FC_UP */
/* 914 */ NdrFcShort( 0xffffdb4 ), /* Offset= -588 (326) */
/* 916 */
                                0x12, 0x10, /* FC_UP */
/* 918 */ NdrFcShort( 0xffffdc2 ), /* Offset= -574 (344) */
/* 920 */
                                0x12, 0x10, /* FC_UP */
/* 922 */ NdrFcShort( 0x2 ), /* Offset= 2 (924) */
/* 924 */
                                0x12, 0x0, /* FC_UP */
/* 926 */ NdrFcShort( 0xffffc62 ), /* Offset= -926 (0) */
/* 928 */
                                0x15, /*
FC_STRUCT */
                                0x7, /* 7 */
/* 930 */ NdrFcShort( 0x10 ), /* 16 */
/* 932 */ 0x6, /* FC_SHORT */
                                0x1, /* FC_BYTE
*/
/* 934 */ 0x1, /* FC_BYTE */
FC_ALIGNM4 */
                                0x38, /*
/* 936 */ 0x8, /* FC_LONG */
                                0x39, /*
FC_ALIGNM8 */
/* 938 */ 0xb, /* FC_HYPER */
                                0x5b, /* FC_END */
/* 940 */
                                0x12, 0x0, /* FC_UP */
/* 942 */ NdrFcShort( 0xfffff2 ), /* Offset= -14 (928) */
/* 944 */
                                0x12, 0x8, /* FC_UP
[simple_pointer] */
/* 946 */ 0x2, /* FC_CHAR */
                                0x5c, /* FC_PAD */
/* 948 */
                                0x1a, /*
FC_BOGUS_STRUCT */
                                0x7, /* 7 */
/* 950 */ NdrFcShort( 0x20 ), /* 32 */
/* 952 */ NdrFcShort( 0x0 ), /* 0 */
/* 954 */ NdrFcShort( 0x0 ), /* Offset= 0 (954) */
/* 956 */ 0x8, /* FC_LONG */
                                0x8, /* FC_LONG
*/
/* 958 */ 0x6, /* FC_SHORT */
                                0x6, /* FC_SHORT
*/
/* 960 */ 0x6, /* FC_SHORT */
                                0x6, /* FC_SHORT
*/
/* 962 */ 0x4c, /* FC_EMBEDDED_COMPLEX */
                                0x0, /* 0 */
/* 964 */ NdrFcShort( 0xffffc42 ), /* Offset= -958 (6) */
/* 966 */ 0x5c, /* FC_PAD */
                                0x5b, /* FC_END */
/* 968 */ 0xb4, /* FC_USER_MARSHAL */
                                0x83, /* 131 */
/* 970 */ NdrFcShort( 0x0 ), /* 0 */
/* 972 */ NdrFcShort( 0x10 ), /* 16 */
/* 974 */ NdrFcShort( 0x0 ), /* 0 */
/* 976 */ NdrFcShort( 0xffffc32 ), /* Offset= -974 (2) */
/* 978 */
                                0x11, 0x4, /* FC_RP
[allocated_on_stack] */
/* 980 */ NdrFcShort( 0x6 ), /* Offset= 6 (986) */
/* 982 */
                                0x13, 0x0, /* FC_OP */
/* 984 */ NdrFcShort( 0xfffff4c ), /* Offset= -36 (948) */
/* 986 */ 0xb4, /* FC_USER_MARSHAL */
                                0x83, /* 131 */
/* 988 */ NdrFcShort( 0x0 ), /* 0 */
/* 990 */ NdrFcShort( 0x10 ), /* 16 */
/* 992 */ NdrFcShort( 0x0 ), /* 0 */
/* 994 */ NdrFcShort( 0xfffff4 ), /* Offset= -12 (982) */
                                0x0
}
};

const CInterfaceProxyVtbl * _tpcc_com_ps_ProxyVtblList[] =
{
( CInterfaceProxyVtbl *) &_ITPCCProxyVtbl,
0
};

const CInterfaceStubVtbl * _tpcc_com_ps_StubVtblList[] =
{
( CInterfaceStubVtbl *) &_ITPCCStubVtbl,
0
};

PCInterfaceName const _tpcc_com_ps_InterfaceNamesList[] =
{
"ITPCC",
0
};

#define _tpcc_com_ps_CHECK_IID(n)
IID_GENERIC_CHECK_IID(_tpcc_com_ps, pIID, n)

int __stdcall _tpcc_com_ps_IID_Lookup( const IID * pIID, int *
pIndex )
{
if(!_tpcc_com_ps_CHECK_IID(0))
{
*pIndex = 0;
return 1;
}

return 0;
}

const ExtendedProxyFileInfo tpcc_com_ps_ProxyFileInfo =
{
(PCInterfaceProxyVtblList *) &_tpcc_com_ps_ProxyVtblList,
(PCInterfaceStubVtblList *) &_tpcc_com_ps_StubVtblList,
(const PCInterfaceName *) &_tpcc_com_ps_InterfaceNamesList,
0, // no delegation
&_tpcc_com_ps_IID_Lookup,
1,
2,
0, /* table of [async_uid] interfaces */
0, /* Filler1 */
0, /* Filler2 */
0 /* Filler3 */
};

```

tpcc_com_rem.cpp

```
/* FILE: TPCC_COM.CPP
 * Microsoft TPC-C Kit Ver.
4.20.000
 * Copyright Microsoft,
1999
 * All Rights Reserved
 *
 * not yet audited
 *
 * PURPOSE: Source file for TPC-C COM+ class
implementation.
 * Contact: Charles Levine (clevine@microsoft.com)
 *
 * Change history:
 * 4.20.000 - first version
 */

// needed for CoInitializeEx
#define _WIN32_WINNT 0x0400

#include <windows.h>

// need to declare functions for export
#define DllDecl __declspec( dllexport )

#include "..\..\common\src\trans.h" //tpckit
transaction header contains definitions of structures specific to TPC-C
#include "..\..\common\src\error.h"
#include "..\..\common\src\txn_base.h"
#include "tpcc_com_rem.h"

#include "..\tpcc_com_remote_ps\src\tpcc_com_remote_ps_i.c"
#include "..\tpcc_com_remote\src\tpcc_com_remote_i.c"

// wrapper routine for class constructor
__declspec(dllexport) CTPCC_COM_REM*
CTPCC_COM_REM_new(BOOL bSinglePool)
{
    return new CTPCC_COM_REM(bSinglePool);
}

CTPCC_COM_REM::CTPCC_COM_REM(BOOL bSinglePool)
{
    HRESULT hr = NULL;
    long lRet = 0;
    ULONG ulTmpSize = 0;

    m_bSinglePool = bSinglePool;

    m_pNewOrder = NULL;
    m_pPayment = NULL;
    m_pStockLevel = NULL;
    m_pOrderStatus = NULL;
}

/*
(COM_DATA*)CoTaskMemAlloc(sizeof(COM_DATA));
if (!m_pTxn)
    throw new CCOMERR( E_FAIL );
*/

ulTmpSize = (ULONG) sizeof(COM_DATA);
VariantInit(&m_vTxn);
m_vTxn.vt = VT_SAFEARRAY;

m_vTxn.parray = SafeArrayCreateVector(
```

```
VT_UI1,
ulTmpSize,
ulTmpSize);
if (!m_vTxn.parray)
    throw new CCOMERR( E_FAIL );

memset((void*)m_vTxn.parray->pvData,0,ulTmpSize);

m_pTxn = (COM_DATA*)m_vTxn.parray->pvData;

hr = CoInitializeEx(NULL, COINIT_MULTITHREADED);
if (FAILED(hr))
{
    throw new CCOMERR( hr );
}

// create components
if (m_bSinglePool)
{
    hr = CoCreateInstance(CLSID_TPCCrem,
NULL, CLSCTX_SERVER, IID_ITPCCrem, (void
**)&m_pNewOrder);
if (FAILED(hr))
    throw new CCOMERR(hr);

// all txns will use same component
m_pPayment = m_pNewOrder;
m_pStockLevel = m_pNewOrder;
m_pOrderStatus = m_pNewOrder;
}
else
{
    // use different components for each txn

    hr = CoCreateInstance(CLSID_NewOrder,
NULL, CLSCTX_SERVER, IID_ITPCCrem, (void
**)&m_pNewOrder);
if (FAILED(hr))
    throw new CCOMERR(hr);

    hr = CoCreateInstance(CLSID_Payment, NULL,
CLSCTX_SERVER, IID_ITPCCrem, (void **)&m_pPayment);
if (FAILED(hr))
    throw new CCOMERR(hr);

    hr = CoCreateInstance(CLSID_StockLevel,
NULL, CLSCTX_SERVER, IID_ITPCCrem, (void
**)&m_pStockLevel);
if (FAILED(hr))
    throw new CCOMERR(hr);

    hr = CoCreateInstance(CLSID_OrderStatus,
NULL, CLSCTX_SERVER, IID_ITPCCrem, (void
**)&m_pOrderStatus);
if (FAILED(hr))
    throw new CCOMERR(hr);
}

// call setcomplete to release each component back into pool
hr = m_pNewOrder->CallSetComplete();
if (FAILED(hr))
    throw new CCOMERR(hr);

if (!m_bSinglePool)
{
```



```

        hr = m_pPayment->CallSetComplete();
        if (FAILED(hr))
            throw new CCOMERR(hr);

        hr = m_pStockLevel->CallSetComplete();
        if (FAILED(hr))
            throw new CCOMERR(hr);

        hr = m_pOrderStatus->CallSetComplete();
        if (FAILED(hr))
            throw new CCOMERR(hr);
    }
}

CTPCC_COM_REM::~~CTPCC_COM_REM()
{
    if (m_pTxn)
        SafeArrayDestroy(m_vTxn.parray);

    ReleaseInterface(m_pNewOrder);
    if (!m_bSinglePool)
    {
        ReleaseInterface(m_pPayment);
        ReleaseInterface(m_pStockLevel);
        ReleaseInterface(m_pOrderStatus);
    }
    CoUninitialize();
}

void CTPCC_COM_REM::NewOrder()
{
    VARIANT vTxn_out;

    HRESULT hr = m_pNewOrder->NewOrder(m_vTxn,
&vTxn_out);
    if (FAILED(hr))
        throw new CCOMERR( hr );
    memcpy(m_pTxn, (void
*)vTxn_out.parray->pvData,vTxn_out.parray->rgsabound[0].cElement
s);
    SafeArrayDestroy(vTxn_out.parray);

    if ( m_pTxn->ErrorType != ERR_SUCCESS )
        throw new CCOMERR( m_pTxn->ErrorType,
m_pTxn->error );
}

void CTPCC_COM_REM::Payment()
{
    VARIANT vTxn_out;

    HRESULT hr = m_pPayment->Payment(m_vTxn,
&vTxn_out);
    if (FAILED(hr))
        throw new CCOMERR( hr );
    memcpy(m_pTxn, (void
*)vTxn_out.parray->pvData,vTxn_out.parray->rgsabound[0].cElement
s);
    SafeArrayDestroy(vTxn_out.parray);

    if ( m_pTxn->ErrorType != ERR_SUCCESS )
        throw new CCOMERR( m_pTxn->ErrorType,
m_pTxn->error );
}

void CTPCC_COM_REM::StockLevel()
{

```

```

    VARIANT vTxn_out;

    HRESULT hr = m_pStockLevel->StockLevel(m_vTxn,
&vTxn_out);
    if (FAILED(hr))
        throw new CCOMERR( hr );
    memcpy(m_pTxn, (void
*)vTxn_out.parray->pvData,vTxn_out.parray->rgsabound[0].cElement
s);
    SafeArrayDestroy(vTxn_out.parray);

    if ( m_pTxn->ErrorType != ERR_SUCCESS )
        throw new CCOMERR( m_pTxn->ErrorType,
m_pTxn->error );
}

void CTPCC_COM_REM::OrderStatus()
{
    VARIANT vTxn_out;

    HRESULT hr = m_pOrderStatus->OrderStatus(m_vTxn,
&vTxn_out);
    if (FAILED(hr))
        throw new CCOMERR( hr );
    memcpy(m_pTxn, (void
*)vTxn_out.parray->pvData,vTxn_out.parray->rgsabound[0].cElement
s);
    SafeArrayDestroy(vTxn_out.parray);

    if ( m_pTxn->ErrorType != ERR_SUCCESS )
        throw new CCOMERR( m_pTxn->ErrorType,
m_pTxn->error );
}

```

tpcc_com_rem.h

```

/*      FILE:          TPCC_COM.H
*                               Microsoft TPC-C Kit Ver.
4.20.000
*                               Copyright Microsoft,
1999
*                               All Rights Reserved
*                               not yet audited
*
*      PURPOSE:        Header file for TPC-C COM+ class
implementation.
*
*      Change history:
*                               4.20.000 - first version
*/

#pragma once

#include <stdio.h>
#include "..\..\tpcc_com_ps\src\tpcc_com_ps.h"
#include "..\..\tpcc_com_remote_ps\src\tpcc_com_remote_ps.h"

// need to declare functions for import, unless define has already been
created
// by the DLL's .cpp module for export.
#ifdef DllDecl
#define DllDecl __declspec( dllimport )
#endif

class CCOMERR : public CBaseErr

```

```

{
private:
    char m_szErrorText[64];

public:
    // use this interface for genuine COM errors
    CCOMERR( HRESULT hr )
    {
        m_hr = hr;
        m_iErrorType = 0;
        m_iError = 0;
    }

    // use this interface to impersonate a non-COM
error type
    CCOMERR( int iErrorType, int iError )
    {
        m_iErrorType = iErrorType;
        m_iError = iError;
        m_hr = S_OK;
    }

    int m_hr;
    int m_iErrorType;
    int m_iError;

    // A CCOMERR class can impersonate another
class, which happens if the error
// was not actually a COM Services error, but
was simply transmitted back via COM.
    int ErrorType()
    {
        if (m_iErrorType == 0)
            return ERR_TYPE_COM;
        else
            return m_iErrorType;
    }

    int ErrorNum() {return m_hr;}

    char *ErrorText()
    {
        if (m_hr == S_OK)
            sprintf( m_szErrorText,
"Error: Class %d, error # %d", m_iErrorType, m_iError);
        else
            sprintf( m_szErrorText,
"Error: COM HRESULT %x", m_hr );
        return m_szErrorText;
    }
};

class DllDecl CTPCC_COM : public CTPCC_BASE
{
private:
    BOOL m_bSinglePool;

    // COM Interface pointers
    ITPCC* m_pNewOrder;
    ITPCC* m_pPayment;
    ITPCC* m_pStockLevel;
    ITPCC* m_pOrderStatus;

    struct COM_DATA
    {
        int ErrorType;

```

```

        int error;
        union
        {
            NEW_ORDER_DATA
            PAYMENT_DATA
            DELIVERY_DATA
            STOCK_LEVEL_DATA
        };

    NewOrder;
    Payment;
    Delivery;
    StockLevel;

    ORDER_STATUS_DATA OrderStatus;
    } u;
    } *m_pTxn;

    VARIANT m_vTxn;

public:
    CTPCC_COM(BOOL bSinglePool);
    ~CTPCC_COM(void);

    inline PNEW_ORDER_DATA
    BuffAddr_NewOrder() { return
&m_pTxn->u.NewOrder; };
    inline PPAYMENT_DATA
    BuffAddr_Payment() { return &m_pTxn->u.Payment; };
    inline PDELIVERY_DATA
    BuffAddr_Delivery() { return &m_pTxn->u.Delivery; };
    inline PSTOCK_LEVEL_DATA
    BuffAddr_StockLevel() { return &m_pTxn->u.StockLevel; };
    inline PORDER_STATUS_DATA
    BuffAddr_OrderStatus() { return &m_pTxn->u.OrderStatus;
};

    void NewOrder ();
    void Payment ();
    void StockLevel ();
    void OrderStatus ();
    void Delivery () { throw new
CCOMERR(E_NOTIMPL); } // not supported
};

inline void ReleaseInterface(IUnknown *pUnk)
{
    if (pUnk)
    {
        pUnk->Release();
        pUnk = NULL;
    }
}

// wrapper routine for class constructor
extern "C" __declspec(dllexport) CTPCC_COM*
CTPCC_COM_new(BOOL);

typedef CTPCC_COM* (TYPE_CTPCC_COM)(BOOL);

class DllDecl CTPCC_COM_REM : public CTPCC_BASE
{
private:
    BOOL m_bSinglePool;

    // COM Interface pointers
    ITPCCrem* m_pNewOrder;

```



```

static HINSTANCE hLibInstanceDb = NULL;

TYPE_CTPCC_DBLIB      *pCTPCC_DBLIB_new;
TYPE_CTPCC_ODBC       *pCTPCC_ODBC_new;

////////////////////////////////////
// DLL Entry Point

extern "C"
BOOL WINAPI DllMain(HINSTANCE hInstance, DWORD
dwReason, LPVOID /**lpReserved*/)
{
    char szDllName[128];

    try
    {
        if (dwReason == DLL_PROCESS_ATTACH)
        {
            _Module.Init(ObjectMap, hInstance);

DisableThreadLibraryCalls(hInstance);

            DWORD dwSize =
MAX_COMPUTERNAME_LENGTH+1;

            GetComputerName(szMyComputerName, &dwSize);
            szMyComputerName[dwSize] = 0;

            if ( ReadTPCCRegistrySettings(
&Reg ) )
                throw new
CCOMPONENT_ERR( ERR_MISSING_REGISTRY_ENTRIES);

            if (Reg.eDB_Protocol == DBLIB)
            {
                strcpy( szDllName,
Reg.szPath );
                strcat( szDllName,
"tpcc_dblib.dll");
                hLibInstanceDb =
LoadLibrary( szDllName );
                if (hLibInstanceDb ==
NULL)
                    throw new
CCOMPONENT_ERR( ERR_LOADDLL_FAILED, szDllName,
GetLastError());

                // get function pointer to
wrapper for class constructor
                pCTPCC_DBLIB_new =
(TYPE_CTPCC_DBLIB*)
GetProcAddress(hLibInstanceDb, "CTPCC_DBLIB_new");
                if (pCTPCC_DBLIB_new
== NULL)
                    throw new
CCOMPONENT_ERR( ERR_GETPROCADDR_FAILED,
szDllName, GetLastError());

                ODBC)
            else if (Reg.eDB_Protocol ==
{
                strcpy( szDllName,
Reg.szPath );
                strcat( szDllName,
"tpcc_odbc.dll");

```

```

                hLibInstanceDb =
LoadLibrary( szDllName );
                if (hLibInstanceDb ==
NULL)
                    throw new
CCOMPONENT_ERR( ERR_LOADDLL_FAILED, szDllName,
GetLastError());

                // get function pointer to
wrapper for class constructor
                pCTPCC_ODBC_new =
(TYPE_CTPCC_ODBC*)
GetProcAddress(hLibInstanceDb, "CTPCC_ODBC_new");
                if (pCTPCC_ODBC_new
== NULL)
                    throw new
CCOMPONENT_ERR( ERR_GETPROCADDR_FAILED,
szDllName, GetLastError());
            }
            else
                throw new
CCOMPONENT_ERR( ERR_UNKNOWN_DB_PROTOCOL );
        }
        else if (dwReason ==
DLL_PROCESS_DETACH)
            _Module.Term();
    }
    catch (CBaseErr *e)
    {
        WriteMessageToEventLog(e->ErrorText());
        delete e;
        return FALSE;
    }
    catch (...)
    {
        WriteMessageToEventLog(TEXT("Unhandled
exception in object DllMain"));
        return FALSE;
    }
    return TRUE;    // OK
}

////////////////////////////////////
// Used to determine whether the DLL can be unloaded by OLE

STDAPI DllCanUnloadNow(void)
{
    return (_Module.GetLockCount()==0) ? S_OK : S_FALSE;
}

////////////////////////////////////
// Returns a class factory to create an object of the requested type

STDAPI DllGetClassObject(REFCLSID rclsid, REFIID riid, LPVOID*
ppv)
{
    return _Module.GetClassObject(rclsid, riid, ppv);
}

////////////////////////////////////
// DllRegisterServer - Adds entries to the system registry

STDAPI DllRegisterServer(void)
{

```

```

// registers object, typelib and all interfaces in typelib
return _Module.RegisterServer(TRUE);
}

////////////////////////////////////
// DllUnregisterServer - Removes entries from the system registry

STDAPI DllUnregisterServer(void)
{
    _Module.UnregisterServer();
    return S_OK;
}

static void WriteMessageToEventLog(LPTSTR lpszMsg)
{
    TCHAR szMsg[256];
    HANDLE hEventSource;
    LPTSTR lpszStrings[2];

    // Use event logging to log the error.
    //
    hEventSource = RegisterEventSource(NULL,
    TEXT("tpcc_com_remote.dll"));

    _stprintf(szMsg, TEXT("Error in COM+ TPC-C Component: "));
    lpszStrings[0] = szMsg;
    lpszStrings[1] = lpszMsg;

    if (hEventSource != NULL)
    {
        ReportEvent(hEventSource, // handle of event source
        EVENTLOG_ERROR_TYPE, // event type
        0, // event category
        0, // event ID
        NULL, // current user's SID
        2, // strings in lpszStrings
        0, // no bytes of raw data
        (LPCTSTR *)lpszStrings, // array of error strings
        NULL); // no raw data

        (VOID) DeregisterEventSource(hEventSource);
    }
}

inline void ReleaseInterface(IUnknown *pUnk)
{
    if (pUnk)
    {
        pUnk->Release();
        pUnk = NULL;
    }
}

/* FUNCTION: CCOMPONENT_ERR::ErrorText
*
*/

char* CCOMPONENT_ERR::ErrorText(void)
{
    static SERRORMSG errorMsgs[] =
    {
        { ERR_MISSING_REGISTRY_ENTRIES,
        "Required entries missing from registry."
        },
        { ERR_LOADDLL_FAILED,
        "Load of DLL failed. DLL="
        },
    },

```

```

        { ERR_GETPROCADDR_FAILED,
        "Could not map proc in DLL. GetProcAddress error. DLL="
        },
        { ERR_UNKNOWN_DB_PROTOCOL,
        "Unknown database protocol specified in registry."
        },
        { 0,
        ""
        }
    };

    char szTmp[256];
    int i = 0;
    while (TRUE)
    {
        if (errorMsgs[i].szMsg[0] == 0)
        {
            strcpy( szTmp, "Unknown error
            number.");
            break;
        }
        if (m_Error == errorMsgs[i].iError)
        {
            strcpy( szTmp, errorMsgs[i].szMsg );
            break;
        }
        i++;
    }

    if (m_szTextDetail)
        strcat( szTmp, m_szTextDetail );
    if (m_SystemErr)
        wsprintf( szTmp+strlen(szTmp), " Error=%d",
        m_SystemErr );

    m_szErrorText = new char[strlen(szTmp)+1];
    strcpy( m_szErrorText, szTmp );
    return m_szErrorText;
}

CTPCC_Common_Remote::CTPCC_Common_Remote()
{
    m_pTxn = NULL;
    m_bCanBePooled = TRUE;
}

CTPCC_Common_Remote::~CTPCC_Common_Remote()
{
    if (m_pTxn)
        delete m_pTxn;
}

HRESULT CTPCC_Common_Remote::CallSetComplete()
{
    IObjectContext* pObjectContext = NULL;

    // get our object context
    HRESULT hr = CoGetObjectContext( IID_IObjectContext,
    (void **)&pObjectContext );
    pObjectContext->SetComplete();
    ReleaseInterface(pObjectContext);
    return hr;
}

//
// called by the ctor activator
//

```

```

STDMETHODIMP CTPCC_Common_Remote::Construct(IDispatch *
pUnk)
{
    // Code to access construction string, if needed later...
    // if (!pUnk)
    //     return E_UNEXPECTED;
    // IObjectConstructString * pString = NULL;
    // HRESULT hr =
pUnk->QueryInterface(IID_IObjectConstructString, (void
***)&pString);
    // pString->Release();
    try
    {
        if (Reg.eDB_Protocol == ODBC)
            m_pTxn = pCTPCC_ODBC_new(
Reg.szDbServer, Reg.szDbUser, Reg.szDbPassword,
szMyComputerName, Reg.szDbName);
        else if (Reg.eDB_Protocol == DBLIB)
            m_pTxn = pCTPCC_DBLIB_new(
Reg.szDbServer, Reg.szDbUser, Reg.szDbPassword,
szMyComputerName, Reg.szDbName);
    }
    catch (CBaseErr *e)
    {
        WriteMessageToEventLog(e->ErrorText());
        delete e;
        return E_FAIL;
    }
    catch (...)
    {
        WriteMessageToEventLog(TEXT("Unhandled
exception in object ::Construct"));
        return E_FAIL;
    }
    return S_OK;
}

HRESULT CTPCC_Common_Remote::NewOrder(VARIANT txn_in,
VARIANT* txn_out)
{
    PNEW_ORDER_DATA    pNewOrder;
    COM_DATA            *pData;
    try
    {
        pData = (COM_DATA*)txn_in.parray->pvData;
        pNewOrder = m_pTxn->BuffAddr_NewOrder();

        memcpy(pNewOrder, &pData->u.NewOrder,
sizeof(NEW_ORDER_DATA));

        VariantInit(txn_out);
        txn_out->vt = VT_SAFEARRAY;
        txn_out->parray = SafeArrayCreateVector(
VT_UI1,
txn_in.parray->rgsabound->cElements,
txn_in.parray->rgsabound->cElements);
        pData = (COM_DATA*)
txn_out->parray->pvData;

        m_pTxn->Payment(FALSE);

        memcpy( &pData->u.Payment, pNewOrder,
sizeof(PAYMENT_DATA));

        pData->retval = ERR_SUCCESS;
        pData->error = 0;
        return S_OK;
    }
    catch (CBaseErr *e)
    {
        // check for lost database connection; if yes,
component is toast
    }
}

pData->retval = ERR_SUCCESS;
pData->error = 0;
return S_OK;
}
catch (CBaseErr *e)
{
    // check for lost database connection; if yes,
component is toast
    if ( ((e->ErrorType() == ERR_TYPE_DBLIB)
&& (e->ErrorNum() == 10005)) ||
        ((e->ErrorType() ==
ERR_TYPE_ODBC) && (e->ErrorNum() == 10054)) )
        m_bCanBePooled = FALSE;

    pData->retval = e->ErrorType();
    pData->error = e->ErrorNum();
    delete e;
    return E_FAIL;
}
catch (...)
{
    WriteMessageToEventLog(TEXT("Unhandled
exception.));
    pData->retval = ERR_TYPE_LOGIC;
    pData->error = 0;
    m_bCanBePooled = FALSE;
    return E_FAIL;
}
}

HRESULT CTPCC_Common_Remote::Payment(VARIANT txn_in,
VARIANT* txn_out)
{
    PPAYMENT_DATA pPayment;
    COM_DATA        *pData;
    try
    {
        pData = (COM_DATA*)txn_in.parray->pvData;
        pPayment = m_pTxn->BuffAddr_Payment();

        memcpy(pPayment, &pData->u.Payment,
sizeof(PAYMENT_DATA));

        VariantInit(txn_out);
        txn_out->vt = VT_SAFEARRAY;
        txn_out->parray = SafeArrayCreateVector(
VT_UI1,
txn_in.parray->rgsabound->cElements,
txn_in.parray->rgsabound->cElements);
        pData = (COM_DATA*)
txn_out->parray->pvData;

        m_pTxn->Payment(FALSE);

        memcpy( &pData->u.Payment, pPayment,
sizeof(PAYMENT_DATA));

        pData->retval = ERR_SUCCESS;
        pData->error = 0;
        return S_OK;
    }
    catch (CBaseErr *e)
    {
        // check for lost database connection; if yes,
component is toast
    }
}

```

```

        if ( ((e->ErrorType() == ERR_TYPE_DBLIB)
&& (e->ErrorNum() == 10005)) ||
        ((e->ErrorType() ==
ERR_TYPE_ODBC) && (e->ErrorNum() == 10054)) )
            m_bCanBePooled = FALSE;

        pData->retval = e->ErrorType();
        pData->error = e->ErrorNum();
        delete e;
        return E_FAIL;
    }
    catch (...)
    {
        WriteMessageToEventLog(TEXT("Unhandled
exception.));

        pData->retval = ERR_TYPE_LOGIC;
        pData->error = 0;
        m_bCanBePooled = FALSE;
        return E_FAIL;
    }
}

HRESULT CTPCC_Common_Remote::StockLevel(VARIANT txn_in,
VARIANT* txn_out)
{
    PSTOCK_LEVEL_DATA    pStockLevel;
    COM_DATA              *pData;

    try
    {
        pData = (COM_DATA*)txn_in.parray->pvData;
        pStockLevel =
m_pTxn->BuffAddr_StockLevel();

        memcpy(pStockLevel, &pData->u.StockLevel,
sizeof(STOCK_LEVEL_DATA));

        VariantInit(txn_out);
        txn_out->vt = VT_SAFEARRAY;
        txn_out->parray = SafeArrayCreateVector(
VT_UI1,
txn_in.parray->rgsabound->cElements,
txn_in.parray->rgsabound->cElements);
        pData =
(COM_DATA*)txn_out->parray->pvData;

        m_pTxn->StockLevel();

        memcpy( &pData->u.StockLevel, pStockLevel,
sizeof(STOCK_LEVEL_DATA));

        pData->retval = ERR_SUCCESS;
        pData->error = 0;
        return S_OK;
    }
    catch (CBaseErr *e)
    {
        // check for lost database connection; if yes,
component is toast
        if ( ((e->ErrorType() == ERR_TYPE_DBLIB)
&& (e->ErrorNum() == 10005)) ||
        ((e->ErrorType() ==
ERR_TYPE_ODBC) && (e->ErrorNum() == 10054)) )
            m_bCanBePooled = FALSE;
    }
}

```

```

        pData->retval = e->ErrorType();
        pData->error = e->ErrorNum();
        delete e;
        return E_FAIL;
    }
    catch (...)
    {
        WriteMessageToEventLog(TEXT("Unhandled
exception.));

        pData->retval = ERR_TYPE_LOGIC;
        pData->error = 0;
        m_bCanBePooled = FALSE;
        return E_FAIL;
    }
}

HRESULT CTPCC_Common_Remote::OrderStatus(VARIANT
txn_in, VARIANT* txn_out)
{
    PORDER_STATUS_DATA    pOrderStatus;
    COM_DATA              *pData;
    try
    {
        pData = (COM_DATA*)txn_in.parray->pvData;
        pOrderStatus =
m_pTxn->BuffAddr_OrderStatus();

        memcpy(pOrderStatus, &pData->u.OrderStatus,
sizeof(ORDER_STATUS_DATA));

        VariantInit(txn_out);
        txn_out->vt = VT_SAFEARRAY;
        txn_out->parray = SafeArrayCreateVector(
VT_UI1,
txn_in.parray->rgsabound->cElements,
txn_in.parray->rgsabound->cElements);
        pData =
(COM_DATA*)txn_out->parray->pvData;

        m_pTxn->OrderStatus();

        memcpy( &pData->u.OrderStatus, pOrderStatus,
sizeof(ORDER_STATUS_DATA));

        pData->retval = ERR_SUCCESS;
        pData->error = 0;
        return S_OK;
    }
    catch (CBaseErr *e)
    {
        // check for lost database connection; if yes,
component is toast
        if ( ((e->ErrorType() == ERR_TYPE_DBLIB)
&& (e->ErrorNum() == 10005)) ||
        ((e->ErrorType() ==
ERR_TYPE_ODBC) && (e->ErrorNum() == 10054)) )
            m_bCanBePooled = FALSE;
    }
}

```

```

        {
            WriteMessageToEventLog(TEXT("Unhandled
exception."));
            pData->retval = ERR_TYPE_LOGIC;
            pData->error = 0;
            m_bCanBePooled = FALSE;
            return E_FAIL;
        }
    }
}

```

tpcc_com_remote.def

: tpcc_com_remote.def : Declares the module parameters.

```
LIBRARY "tpcc_com_remote.dll"
```

```
EXPORTS
```

```

    DllCanUnloadNow @1 PRIVATE
    DllGetClassObject @2 PRIVATE
    DllRegisterServer @3 PRIVATE
    DllUnregisterServer @4 PRIVATE

```

tpcc_com_remote.h

/* this ALWAYS GENERATED file contains the definitions for the interfaces */

/* File created by MIDL compiler version 5.01.0164 */

/* at Fri Jan 19 11:15:15 2001

*/

/* Compiler settings for .\src\tpcc_com_remote.idl:
 Oicf (OptLev=i2), W1, Zp8, env=Win32, ms_ext, c_ext
 error checks: allocation ref bounds_check enum stub_data
 */

//@@MIDL_FILE_HEADING()

/* verify that the <rpcndr.h> version is high enough to compile this file*/

```

#ifdef __REQUIRED_RPCNDR_H_VERSION__
#define __REQUIRED_RPCNDR_H_VERSION__ 440
#endif

```

```

#include "rpc.h"
#include "rpcndr.h"

```

```

#ifdef __tpcc_com_remote_h__
#define __tpcc_com_remote_h__

```

```

#ifdef __cplusplus
extern "C"{
#endif

```

/* Forward Declarations */

```

#ifdef __TPCCrem_FWD_DEFINED__
#define __TPCCrem_FWD_DEFINED__

```

```

#ifdef __cplusplus
typedef class TPCCrem TPCCrem;
#else
typedef struct TPCCrem TPCCrem;
#endif /* __cplusplus */

```

```
#endif /* __TPCCrem_FWD_DEFINED__ */
```

/* header files for imported files */

```

#include "oidl.h"
#include "ocidl.h"
#include "tpcc_com_remote_ps.h"

```

```

void __RPC_FAR * __RPC_USER MIDL_user_allocate(size_t);
void __RPC_USER MIDL_user_free( void __RPC_FAR * );

```

```

/* interface __MIDL_itf_tpcc_com_remote_0000 */
/* [local] */

```

```

extern RPC_IF_HANDLE
__MIDL_itf_tpcc_com_remote_0000_v0_0_c_ifspec;
extern RPC_IF_HANDLE
__MIDL_itf_tpcc_com_remote_0000_v0_0_s_ifspec;

```

```

#ifdef __TPCCremLib_LIBRARY_DEFINED__
#define __TPCCremLib_LIBRARY_DEFINED__

```

```

/* library TPCCremLib */
/* [helpstring][version][uuid] */

```

```
EXTERN_C const IID LIBID_TPCCremLib;
```

```
EXTERN_C const CLSID CLSID_TPCCrem;
```

```
#ifdef __cplusplus
```

```

class
DECLSPEC_UUID("63EC25AB-828A-4ed7-8C6C-B46D29889594")
TPCCrem;
#endif
#endif /* __TPCCremLib_LIBRARY_DEFINED__ */

```

/* Additional Prototypes for ALL interfaces */

/* end of Additional Prototypes */

```

#ifdef __cplusplus
}
#endif

```

```
#endif
```

tpcc_com_remote.idl

```

/* FILE: TPCC.IDL
 * Microsoft TPC-C Kit Ver.
4.20.000
 * Copyright Microsoft,
1999
 * All Rights Reserved
 * not yet audited
 *
 * PURPOSE: IDL source for TPCC.dll. This file is
processed by the MIDL tool to
 * produce the type library
(TPCC.tlb) and marshalling code.

```



```

*
* Change history:
*           4.20.000 - first version
*/

interface TPCCrem;

import "oidl.idl";
import "ocidl.idl";
import "..\tpcc_com_remote_ps\src\tpcc_com_remote_ps.idl";

[
    uuid(B207575F-7A88-489a-9383-859E2D771537),
    version(1.0),
    helpstring("Remote TPC-C 1.0 Type Library")
]
library TPCCremLib
{
    importlib("stdole32.tlb");
    importlib("stdole2.tlb");

    [
        uuid(63EC25AB-828A-4ed7-8C6C-B46D29889594),
        helpstring("Remote All Txns Class")
    ]
    coclass TPCCrem
    {
        [default] interface ITPCCrem;
    };
};

```

tpcc_com_remote.rc

```

//Microsoft Developer Studio generated resource script.
//
#include "resource.h"

#define APSTUDIO_READONLY_SYMBOLS
//
// Generated from the TEXTINCLUDE2 resource.
//
#include "winres.h"

//
// English (U.S.) resources

#if !defined(AFX_RESOURCE_DLL) || defined(AFX_TARG_ENU)
#ifndef _WIN32
LANGUAGE LANG_ENGLISH, SUBLANG_ENGLISH_US
#pragma code_page(1252)
#endif // _WIN32

#ifdef APSTUDIO_INVOKED
//
// TEXTINCLUDE
//

```

```

1 TEXTINCLUDE DISCARDABLE
BEGIN
    "resource.h\0"
END

2 TEXTINCLUDE DISCARDABLE
BEGIN
    "#include ""winres.h""\r\n"
    "\0"
END

3 TEXTINCLUDE DISCARDABLE
BEGIN
    "1 TYPELIB ""tpcc_com_remote.tlb""\r\n"
    "\0"
END

#endif // APSTUDIO_INVOKED

#ifdef _MAC
//
// Version
//
VS_VERSION_INFO VERSIONINFO
FILEVERSION 1,0,0,1
PRODUCTVERSION 1,0,0,1
FILEFLAGSMASK 0x3fL
#ifdef _DEBUG
FILEFLAGS 0x1L
#else
FILEFLAGS 0x0L
#endif
FILEOS 0x4L
FILETYPE 0x2L
FILESUBTYPE 0x0L
BEGIN
    BLOCK "StringFileInfo"
    BEGIN
        BLOCK "040904B0"
        BEGIN
            VALUE "CompanyName", "\0"
            VALUE "FileDescription", "tpcc_com_remote Module\0"
            VALUE "FileVersion", "1, 0, 0, 1\0"
            VALUE "InternalName", "TPCCNEWORDER\0"
            VALUE "LegalCopyright", "Copyright 1997\0"
            VALUE "OriginalFilename", "tpcc_com_remote.DLL\0"
            VALUE "ProductName", "tpcc_com_remote Module\0"
            VALUE "ProductVersion", "1, 0, 0, 1\0"
            VALUE "OLESelfRegister", "\0"
        END
    END
    BLOCK "VarFileInfo"
    BEGIN
        VALUE "Translation", 0x409, 1200
    END
END

#endif // !_MAC

//
// REGISTRY
//

```

```
IDR_TPCCrem          REGISTRY DISCARDABLE
"tpcc_com_remote.rgs"
```

```
////////////////////////////////////
//
// String Table
//
```

```
STRINGTABLEDISCARDABLE
BEGIN
    IDS_PROJNAME          "tpcc_com_remote"
END
```

```
#endif // English (U.S.) resources
////////////////////////////////////
```

```
#ifndef APSTUDIO_INVOKED
////////////////////////////////////
//
// Generated from the TEXTINCLUDE3 resource.
//
1 TYPELIB "tpcc_com_remote.tlb"
```

```
////////////////////////////////////
#endif // not APSTUDIO_INVOKED
```

tpcc_com_remote.rgs

```
HKCR
{
    TPCC.AllRemoteTxns.1 = s 'All RemoteTxns Class'
    {
        CLSID = s
        '{63EC25AB-828A-4ed7-8C6C-B46D29889594}'
    }
    TPCC.AllRemoteTxns = s 'TPCC Remote Class'
    {
        CurVer = s 'TPCC.AllRemoteTxns.1'
    }
    NoRemove CLSID
    {
        ForceRemove
        {63EC25AB-828A-4ed7-8C6C-B46D29889594} = s 'TPCC Remote
        Class'
    }
    {
        ProgID = s 'TPCC.AllRemoteTxns.1'
        VersionIndependentProgID = s
        'TPCC.AllRemoteTxns'
        InprocServer32 = s '%MODULE%'
        {
            val ThreadingModel = s
            'Both'
        }
    }
}
```

tpcc_com_remote.i.c

```
/* this file contains the actual definitions of */
/* the IIDs and CLSIDs */

/* link this file in with the server and any clients */
```

```
/* File created by MIDL compiler version 5.01.0164 */
/* at Fri Jan 19 11:15:15 2001
*/
/* Compiler settings for .\src\tpcc_com_remote.idl:
Oicf (OptLev=i2), W1, Zp8, env=Win32, ms_ext, c_ext
error checks: allocation ref bounds_check enum stub_data
*/
//@@@MIDL_FILE_HEADING( )
#ifdef __cplusplus
extern "C"{
#endif
```

```
#ifndef __IID_DEFINED__
#define __IID_DEFINED__
```

```
typedef struct _IID
{
    unsigned long x;
    unsigned short s1;
    unsigned short s2;
    unsigned char c[8];
} IID;
```

```
#endif // __IID_DEFINED__
```

```
#ifndef CLSID_DEFINED
#define CLSID_DEFINED
typedef IID CLSID;
#endif // CLSID_DEFINED
```

```
const IID LIBID_TPCCremLib =
{0xB207575F,0x7A88,0x489a,{0x93,0x83,0x85,0x9E,0x2D,0x77,0x1
5,0x37}};
```

```
const CLSID CLSID_TPCCrem =
{0x63EC25AB,0x828A,0x4ed7,{0x8C,0x6C,0xB4,0x6D,0x29,0x88,0
x95,0x94}};
```

```
#ifdef __cplusplus
}
#endif
```

tpcc_com_remote_Methods.h

```
/* FILE: METHODS.H
* Microsoft TPC-C Kit Ver.
4.20.000
* Copyright Microsoft,
1999
* All Rights Reserved
* not yet audited
* PURPOSE: Header file for COM components.
*
* Change history:
* 4.20.000 - first version
*/
```

```
enum COMPONENT_ERROR
```

```

{
    ERR_MISSING_REGISTRY_ENTRIES = 1,
    ERR_LOADDLL_FAILED,
    ERR_GETPROCADDR_FAILED,
    ERR_UNKNOWN_DB_PROTOCOL
};

class CCOMPONENT_ERR : public CBaseErr
{
public:
    CCOMPONENT_ERR(COMPONENT_ERROR
Err)
    {
        m_Error = Err;
        m_szTextDetail = NULL;
        m_SystemErr = 0;
        m_szErrorText = NULL;
    };

    CCOMPONENT_ERR(COMPONENT_ERROR
Err, char *szTextDetail, DWORD dwSystemErr)
    {
        m_Error = Err;
        m_szTextDetail = new
char[strlen(szTextDetail)+1];
strcpy( m_szTextDetail, szTextDetail
);

        m_SystemErr = dwSystemErr;
        m_szErrorText = NULL;
    };

    ~CCOMPONENT_ERR()
    {
        if (m_szTextDetail != NULL)
            delete [] m_szTextDetail;
        if (m_szErrorText != NULL)
            delete [] m_szErrorText;
    };

    COMPONENT_ERROR      m_Error;
    char                  *m_szTextDetail;
    char                  *m_szErrorText;
    DWORD                 m_SystemErr;

    int ErrorType() {return
ERR_TYPE_COMPONENT;};
    int ErrorNum() {return m_Error;};
    char *ErrorText();
};

static void WriteMessageToEventLog(LPTSTR lpszMsg);

////////////////////////////////////
// CTPCC_Common
class CTPCC_Common_Remote :
public ITPCCrem,
public IObjectControl,
public IObjectConstruct,
public CComObjectRootEx<CComSingleThreadModel>
{
public:
    BEGIN_COM_MAP(CTPCC_Common_Remote)
        COM_INTERFACE_ENTRY(ITPCCrem)
        COM_INTERFACE_ENTRY(IObjectControl)

```

```

        COM_INTERFACE_ENTRY(IObjectConstruct)
    END_COM_MAP()

    CTPCC_Common_Remote();
    ~CTPCC_Common_Remote();

// ITPCCrem
public:
    HRESULT __stdcall NewOrder(          VARIANT
    txn_in, VARIANT* txn_out);
    HRESULT __stdcall Payment(          VARIANT
    txn_in, VARIANT* txn_out);
    HRESULT __stdcall Delivery(         VARIANT
    txn_in) {return E_NOTIMPL;};
    HRESULT __stdcall StockLevel(VARIANT txn_in,
    VARIANT* txn_out);
    HRESULT __stdcall OrderStatus(      VARIANT
    txn_in, VARIANT* txn_out);

    HRESULT __stdcall CallSetComplete();

// IObjectControl
    STDMETHODIMP_(BOOL) CanBePooled() { return
m_bCanBePooled; }
    STDMETHODIMP Activate() { return S_OK; } //
we don't support COM Services transactions (no enlistment)
    STDMETHODIMP_(void) Deactivate() { /* nothing to do
*/ }

// IObjectConstruct
    STDMETHODIMP Construct(IDispatch * pUnk);

// helper methods
private:
    BOOL      m_bCanBePooled;
    CTPCC_BASE *m_pTxn;

    struct COM_DATA
    {
        int retval;
        int error;
        union
        {
            NEW_ORDER_DATA
            PAYMENT_DATA
            DELIVERY_DATA
            STOCK_LEVEL_DATA
            ORDER_STATUS_DATA
        } u;
    };
};

////////////////////////////////////
// CTPCC
class CTPCCrem :
public CTPCC_Common_Remote,
public CComCoClass<CTPCCrem, &CLSID_TPCCrem>
{
public:
    DECLARE_REGISTRY_RESOURCEID(IDR_TPCCrem)
    BEGIN_COM_MAP(CTPCCrem)

```

```

        COM_INTERFACE_ENTRY2(IUnknown,
        CComObjectRootEx)

COM_INTERFACE_ENTRY_CHAIN(CTPCC_Common_Remote)
END_COM_MAP()

};

```

tpcc_com_remote_ps.def

```
LIBRARY "tpcc_com_remote_ps"
```

```
DESCRIPTION 'Proxy/Stub DLL'
```

```
EXPORTS
```

```

    DllGetClassObject    @1    PRIVATE
    DllCanUnloadNow     @2    PRIVATE
    GetProxyDllInfo     @3    PRIVATE
    DllRegisterServer   @4    PRIVATE
    DllUnregisterServer @5    PRIVATE

```

tpcc_com_remote_ps.h

```
/* this ALWAYS GENERATED file contains the definitions for the
interfaces */
```

```

/* File created by MIDL compiler version 5.01.0164 */
/* at Fri Jan 19 11:15:07 2001
*/
/* Compiler settings for .\src\tpcc_com_remote_ps.idl:
    Oicf (OptLev=i2), W1, Zp8, env=Win32, ms_ext, c_ext
    error checks: allocation ref bounds_check enum stub_data
*/
//@@@MIDL_FILE_HEADING( )

```

```
/* verify that the <rpcndr.h> version is high enough to compile this
file*/
```

```

#ifndef __REQUIRED_RPCNDR_H_VERSION__
#define __REQUIRED_RPCNDR_H_VERSION__ 440
#endif

```

```

#include "rpc.h"
#include "rpcndr.h"

```

```

#ifndef __RPCNDR_H_VERSION__
#error this stub requires an updated version of <rpcndr.h>
#endif // __RPCNDR_H_VERSION__

```

```

#ifndef COM_NO_WINDOWS_H
#include "windows.h"
#include "ole2.h"
#endif /*COM_NO_WINDOWS_H*/

```

```

#ifndef __tpcc_com_remote_ps_h__
#define __tpcc_com_remote_ps_h__

```

```

#ifdef __cplusplus
extern "C"{
#endif

```

```
/* Forward Declarations */
```

```

#ifndef __ITPCCrem_FWD_DEFINED__
#define __ITPCCrem_FWD_DEFINED__

```

```

typedef interface ITPCCrem ITPCCrem;
#endif /* __ITPCCrem_FWD_DEFINED__ */

```

```

/* header files for imported files */
#include "oidl.h"
#include "ocidl.h"

```

```

void __RPC_FAR * __RPC_USER MIDL_user_allocate(size_t);
void __RPC_USER MIDL_user_free( void __RPC_FAR * );

```

```

/* interface __MIDL_itf_tpcc_com_remote_ps_0000 */
/* [local] */

```

```

extern RPC_IF_HANDLE
__MIDL_itf_tpcc_com_remote_ps_0000_v0_0_c_ifspec;
extern RPC_IF_HANDLE
__MIDL_itf_tpcc_com_remote_ps_0000_v0_0_s_ifspec;

```

```

#ifndef __ITPCCrem_INTERFACE_DEFINED__
#define __ITPCCrem_INTERFACE_DEFINED__

```

```

/* interface ITPCCrem */
/* [unique][helpstring][uuid][oleautomation][object] */

```

```
EXTERN_C const IID IID_ITPCCrem;
```

```
#if defined(__cplusplus) && !defined(CINTERFACE)
```

```
MIDL_INTERFACE("4899AD2E-D521-4d59-824A-4381438FD840")
```

```

ITPCCrem : public IUnknown
{
public:
    virtual HRESULT __stdcall NewOrder(
        /* [in] */ VARIANT txn_in,
        /* [out] */ VARIANT __RPC_FAR *txn_out) = 0;

    virtual HRESULT __stdcall Payment(
        /* [in] */ VARIANT txn_in,
        /* [out] */ VARIANT __RPC_FAR *txn_out) = 0;

    virtual HRESULT __stdcall Delivery(
        /* [in] */ VARIANT txn_in) = 0;

    virtual HRESULT __stdcall StockLevel(
        /* [in] */ VARIANT txn_in,
        /* [out] */ VARIANT __RPC_FAR *txn_out) = 0;

    virtual HRESULT __stdcall OrderStatus(
        /* [in] */ VARIANT txn_in,
        /* [out] */ VARIANT __RPC_FAR *txn_out) = 0;

    virtual HRESULT __stdcall CallSetComplete( void) = 0;
};

```

```
#else /* C style interface */
```

```

typedef struct ITPCCremVtbl
{
    BEGIN_INTERFACE

```

```

HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*QueryInterface)(
    ITPCCrem __RPC_FAR * This,
    /* [in] */ REFIID riid,
    /* [iid_is][out] */ void __RPC_FAR * __RPC_FAR
*ppvObject);

ULONG ( STDMETHODCALLTYPE __RPC_FAR *AddRef)(
    ITPCCrem __RPC_FAR * This);

ULONG ( STDMETHODCALLTYPE __RPC_FAR *Release)(
    ITPCCrem __RPC_FAR * This);

HRESULT ( _stdcall __RPC_FAR *NewOrder)(
    ITPCCrem __RPC_FAR * This,
    /* [in] */ VARIANT txn_in,
    /* [out] */ VARIANT __RPC_FAR *txn_out);

HRESULT ( _stdcall __RPC_FAR *Payment)(
    ITPCCrem __RPC_FAR * This,
    /* [in] */ VARIANT txn_in,
    /* [out] */ VARIANT __RPC_FAR *txn_out);

HRESULT ( _stdcall __RPC_FAR *Delivery)(
    ITPCCrem __RPC_FAR * This,
    /* [in] */ VARIANT txn_in);

HRESULT ( _stdcall __RPC_FAR *StockLevel)(
    ITPCCrem __RPC_FAR * This,
    /* [in] */ VARIANT txn_in,
    /* [out] */ VARIANT __RPC_FAR *txn_out);

HRESULT ( _stdcall __RPC_FAR *OrderStatus)(
    ITPCCrem __RPC_FAR * This,
    /* [in] */ VARIANT txn_in,
    /* [out] */ VARIANT __RPC_FAR *txn_out);

HRESULT ( _stdcall __RPC_FAR *CallSetComplete)(
    ITPCCrem __RPC_FAR * This);

END_INTERFACE
} ITPCCremVtbl;

interface ITPCCrem
{
    CONST_VTBL struct ITPCCremVtbl __RPC_FAR *IpVtbl;
};

#ifdef COBJMACROS

#define ITPCCrem_QueryInterface(This,riid,ppvObject) \
    (This)->IpVtbl -> QueryInterface(This,riid,ppvObject)

#define ITPCCrem_AddRef(This) \
    (This)->IpVtbl -> AddRef(This)

#define ITPCCrem_Release(This) \
    (This)->IpVtbl -> Release(This)

#define ITPCCrem_NewOrder(This,txn_in,txn_out) \
    (This)->IpVtbl -> NewOrder(This,txn_in,txn_out)

#define ITPCCrem_Payment(This,txn_in,txn_out) \
    (This)->IpVtbl -> Payment(This,txn_in,txn_out)

```

```

#define ITPCCrem_Delivery(This,txn_in) \
    (This)->IpVtbl -> Delivery(This,txn_in)

#define ITPCCrem_StockLevel(This,txn_in,txn_out) \
    (This)->IpVtbl -> StockLevel(This,txn_in,txn_out)

#define ITPCCrem_OrderStatus(This,txn_in,txn_out) \
    (This)->IpVtbl -> OrderStatus(This,txn_in,txn_out)

#define ITPCCrem_CallSetComplete(This) \
    (This)->IpVtbl -> CallSetComplete(This)

#endif /* COBJMACROS */

#ifdef /* C style interface */

HRESULT _stdcall ITPCCrem_NewOrder_Proxy(
    ITPCCrem __RPC_FAR * This,
    /* [in] */ VARIANT txn_in,
    /* [out] */ VARIANT __RPC_FAR *txn_out);

void __RPC_STUB ITPCCrem_NewOrder_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer * _pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

HRESULT _stdcall ITPCCrem_Payment_Proxy(
    ITPCCrem __RPC_FAR * This,
    /* [in] */ VARIANT txn_in,
    /* [out] */ VARIANT __RPC_FAR *txn_out);

void __RPC_STUB ITPCCrem_Payment_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer * _pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

HRESULT _stdcall ITPCCrem_Delivery_Proxy(
    ITPCCrem __RPC_FAR * This,
    /* [in] */ VARIANT txn_in);

void __RPC_STUB ITPCCrem_Delivery_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer * _pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

HRESULT _stdcall ITPCCrem_StockLevel_Proxy(
    ITPCCrem __RPC_FAR * This,
    /* [in] */ VARIANT txn_in,
    /* [out] */ VARIANT __RPC_FAR *txn_out);

void __RPC_STUB ITPCCrem_StockLevel_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer * _pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,

```

```

DWORD *_pdwStubPhase);

HRESULT __stdcall ITPCCrem_OrderStatus_Proxy(
    ITPCCrem __RPC_FAR * This,
    /* [in] */ VARIANT txn_in,
    /* [out] */ VARIANT __RPC_FAR *txn_out);

void __RPC_STUB ITPCCrem_OrderStatus_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

HRESULT __stdcall ITPCCrem_CallSetComplete_Proxy(
    ITPCCrem __RPC_FAR * This);

void __RPC_STUB ITPCCrem_CallSetComplete_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

#endif /* __ITPCCrem_INTERFACE_DEFINED__ */

/* Additional Prototypes for ALL interfaces */

unsigned long __RPC_USER VARIANT_UserSize(
    unsigned long __RPC_FAR *, unsigned long , VARIANT
    __RPC_FAR * );
unsigned char __RPC_FAR * __RPC_USER
VARIANT_UserMarshal( unsigned long __RPC_FAR *, unsigned
char __RPC_FAR *, VARIANT __RPC_FAR * );
unsigned char __RPC_FAR * __RPC_USER
VARIANT_UserUnmarshal(unsigned long __RPC_FAR *, unsigned
char __RPC_FAR *, VARIANT __RPC_FAR * );
void __RPC_USER VARIANT_UserFree( unsigned
long __RPC_FAR *, VARIANT __RPC_FAR * );

/* end of Additional Prototypes */

#ifdef __cplusplus
}
#endif

#endif

tpcc_com_remote_ps.idl

/* FILE: ITPCC.IDL
 * Microsoft TPC-C Kit Ver.
4.20.000
 * Copyright Microsoft,
1999
 * All Rights Reserved
 *
 * not yet audited
 *
 * PURPOSE: Defines the interface used by TPCC.
This interface can be implemented by C++ components.

```

```

*
* Change history:
* 4.20.000 - first version
*/

// Forward declare all types defined
interface ITPCCrem;
import "oidl.idl";
import "ocidl.idl";

[
    object,
    oleautomation,
    uuid(4899AD2E-D521-4d59-824A-4381438FD840),
    helpstring("ITPCC Interface"),
    pointer_default(unique)
]
interface ITPCCrem : IUnknown
{
    HRESULT __stdcall NewOrder
    (
    [in]
    VARIANT txn_in,
    [out] VARIANT *txn_out
    );
    HRESULT __stdcall Payment
    (
    [in]
    VARIANT txn_in,
    [out] VARIANT *txn_out
    );
    HRESULT __stdcall Delivery
    (
    [in]
    VARIANT txn_in
    );
    HRESULT __stdcall StockLevel
    (
    [in]
    VARIANT txn_in,
    [out] VARIANT *txn_out
    );
    HRESULT __stdcall OrderStatus
    (
    [in]
    VARIANT txn_in,
    [out] VARIANT *txn_out
    );
    HRESULT __stdcall CallSetComplete
    (
    );
}; // interface ITPCC

tpcc_com_remote_ps_i.c

```

```

/* this file contains the actual definitions of */
/* the IIDs and CLSIDs */

/* link this file in with the server and any clients */

/* File created by MIDL compiler version 5.01.0164 */
/* at Fri Jan 19 11:15:07 2001
*/
/* Compiler settings for .\src\tpcc_com_remote_ps.idl:
Oicf (OptLev=i2), W1, Zp8, env=Win32, ms_ext, c_ext
error checks: allocation ref bounds_check enum stub_data
*/
//@@@MIDL_FILE_HEADING( )
#ifdef __cplusplus
extern "C"{
#endif

#ifdef __IID_DEFINED__
#define __IID_DEFINED__

typedef struct _IID
{
    unsigned long x;
    unsigned short s1;
    unsigned short s2;
    unsigned char c[8];
} IID;

#endif // __IID_DEFINED__

#ifdef CLSID_DEFINED
#define CLSID_DEFINED
typedef IID CLSID;
#endif // CLSID_DEFINED

const IID IID_ITPCCrem =
{0x4899AD2E,0xD521,0x4d59,{0x82,0x4A,0x43,0x81,0x43,0x8F,0x
D8,0x40}};

#ifdef __cplusplus
}
#endif

tpcc_com_remote_ps_p.c

/* this ALWAYS GENERATED file contains the proxy stub code */

/* File created by MIDL compiler version 5.01.0164 */
/* at Fri Jan 19 11:15:07 2001
*/
/* Compiler settings for .\src\tpcc_com_remote_ps.idl:
Oicf (OptLev=i2), W1, Zp8, env=Win32, ms_ext, c_ext
error checks: allocation ref bounds_check enum stub_data
*/
//@@@MIDL_FILE_HEADING( )

#define USE_STUBLESS_PROXY

/* verify that the <rpcproxy.h> version is high enough to compile this
file*/
#endif __REDQ_RPCPROXY_H_VERSION__

```

```

#define __REQUIRED_RPCPROXY_H_VERSION__ 440
#endif

#include "rpcproxy.h"
#ifdef __RPCPROXY_H_VERSION__
#error this stub requires an updated version of <rpcproxy.h>
#endif // __RPCPROXY_H_VERSION__

#include "tpcc_com_remote_ps.h"

#define TYPE_FORMAT_STRING_SIZE 997
#define PROC_FORMAT_STRING_SIZE 187

typedef struct _MIDL_TYPE_FORMAT_STRING
{
    short Pad;
    unsigned char Format[ TYPE_FORMAT_STRING_SIZE];
} MIDL_TYPE_FORMAT_STRING;

typedef struct _MIDL_PROC_FORMAT_STRING
{
    short Pad;
    unsigned char Format[ PROC_FORMAT_STRING_SIZE];
} MIDL_PROC_FORMAT_STRING;

extern const MIDL_TYPE_FORMAT_STRING
__MIDL_TypeFormatString;
extern const MIDL_PROC_FORMAT_STRING
__MIDL_ProcFormatString;

/* Standard interface: __MIDL_itf_tpcc_com_remote_ps_0000, ver.
0.0,
GUID={0x00000000,0x0000,0x0000,{0x00,0x00,0x00,0x00,0x00,0x
00,0x00,0x00}} */

/* Object interface: IUnknown, ver. 0.0,
GUID={0x00000000,0x0000,0x0000,{0xC0,0x00,0x00,0x00,0x00,0x
00,0x00,0x46}} */

/* Object interface: ITPCCrem, ver. 0.0,
GUID={0x4899AD2E,0xD521,0x4d59,{0x82,0x4A,0x43,0x81,0x43,0
x8F,0xD8,0x40}} */

extern const MIDL_STUB_DESC Object_StubDesc;

extern const MIDL_SERVER_INFO ITPCCrem_ServerInfo;

#pragma code_seg(".orpc")
extern const USER_MARSHAL_ROUTINE_QUADRUPLE
UserMarshalRoutines[1];

static const MIDL_STUB_DESC Object_StubDesc =
{
    0,
    NdrOleAllocate,
    NdrOleFree,
    0,

```

```

0,
0,
0,
0,
__MIDL_TypeFormatString.Format,
1, /* -error bounds_check flag */
0x20000, /* Ndr library version */
0,
0x50100a4, /* MIDL Version 5.1.164 */
0,
UserMarshalRoutines,
0, /* notify & notify_flag routine table */
1, /* Flags */
0, /* Reserved3 */
0, /* Reserved4 */
0 /* Reserved5 */
};

static const unsigned short ITPCCrem_FormatStringOffsetTable[] =
{
0,
34,
68,
96,
130,
164
};

static const MIDL_SERVER_INFO ITPCCrem_ServerInfo =
{
&Object_StubDesc,
0,
__MIDL_ProcFormatString.Format,
&ITPCCrem_FormatStringOffsetTable[-3],
0,
0,
0,
0
};

static const MIDL_STUBLESS_PROXY_INFO ITPCCrem_ProxyInfo =
{
&Object_StubDesc,
__MIDL_ProcFormatString.Format,
&ITPCCrem_FormatStringOffsetTable[-3],
0,
0,
0
};

CINTERFACE_PROXY_VTABLE(9)_ITPCCremProxyVtbl =
{
&ITPCCrem_ProxyInfo,
&IID_ITPCCrem,
IUnknown_QueryInterface_Proxy,
IUnknown_AddRef_Proxy,
IUnknown_Release_Proxy,
(void *)-1 /* ITPCCrem::NewOrder */,
(void *)-1 /* ITPCCrem::Payment */,
(void *)-1 /* ITPCCrem::Delivery */,
(void *)-1 /* ITPCCrem::StockLevel */,
(void *)-1 /* ITPCCrem::OrderStatus */,
(void *)-1 /* ITPCCrem::CallSetComplete */
};

const CInterfaceStubVtbl _ITPCCremStubVtbl =
{

```

```

&IID_ITPCCrem,
&ITPCCrem_ServerInfo,
9,
0, /* pure interpreted */
CStdStubBuffer_METHODS
};

#pragma data_seg("rdata")

static const USER_MARSHAL_ROUTINE_QUADRUPLE
UserMarshalRoutines[1] =
{
{
VARIANT_UserSize,
VARIANT_UserMarshal,
VARIANT_UserUnmarshal,
VARIANT_UserFree
}
};

#ifndef __RPC_WIN32__
#error Invalid build platform for this stub.
#endif

#ifndef TARGET_IS_NT40_OR_LATER
#error You need a Windows NT 4.0 or later to run this stub because it
uses these features:
#error -Oif or -Oicf, [wire_marshall] or [user_marshall] attribute, more
than 32 methods in the interface.
#error However, your C/C++ compilation flags indicate you intend to
run this app on earlier systems.
#error This app will die there with the
RPC_X_WRONG_STUB_VERSION error.
#endif

static const MIDL_PROC_FORMAT_STRING
__MIDL_ProcFormatString =
{
0,
{
/* Procedure NewOrder */
FC_AUTO_HANDLE /* 0x33, /*
object, Oi2 /* 0x6c, /* Old Flags:
/* 2 */ NdrFcLong( 0x0 ), /* 0 */
/* 6 */ NdrFcShort( 0x3 ), /* 3 */
#ifdef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 8 */ NdrFcShort( 0x1c ), /* x86 Stack size/offset = 28 */
#else
NdrFcShort( 0x20 ), /* MIPS &
PPC Stack size/offset = 32 */
#endif
#else
NdrFcShort( 0x28 ), /* Alpha Stack
size/offset = 40 */
#endif
/* 10 */ NdrFcShort( 0x0 ), /* 0 */
/* 12 */ NdrFcShort( 0x8 ), /* 8 */
/* 14 */ 0x7, /* Oi2 Flags: srv must size, clt must
size, has return, */

```



```

                                0x3,                /* 3 */
                                /* Parameter txn_in */
/* 16 */ NdrFcShort( 0x8b ), /* Flags: must size, must free, in, by
val, */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 18 */ NdrFcShort( 0x4 ), /* x86 Stack size/offset = 4 */
#else
                                NdrFcShort( 0x8 ), /* MIPS &
PPC Stack size/offset = 8 */
#endif
#else
                                NdrFcShort( 0x8 ), /* Alpha Stack
size/offset = 8 */
#endif
/* 20 */ NdrFcShort( 0x3c8 ), /* Type Offset=968 */

                                /* Parameter txn_out */

/* 22 */ NdrFcShort( 0x4113 ), /* Flags: must size, must
free, out, simple ref, srv alloc size=16 */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 24 */ NdrFcShort( 0x14 ), /* x86 Stack size/offset = 20 */
#else
                                NdrFcShort( 0x18 ), /* MIPS &
PPC Stack size/offset = 24 */
#endif
#else
                                NdrFcShort( 0x18 ), /* Alpha Stack
size/offset = 24 */
#endif
/* 26 */ NdrFcShort( 0x3da ), /* Type Offset=986 */

                                /* Return value */

/* 28 */ NdrFcShort( 0x70 ), /* Flags: out, return, base type, */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 30 */ NdrFcShort( 0x18 ), /* x86 Stack size/offset = 24 */
#else
                                NdrFcShort( 0x1c ), /* MIPS &
PPC Stack size/offset = 28 */
#endif
#else
                                NdrFcShort( 0x20 ), /* Alpha Stack
size/offset = 32 */
#endif
/* 32 */ 0x8, /* FC_LONG */
                                0x0, /* 0 */

                                /* Procedure Payment */

/* 34 */ 0x33, /* FC_AUTO_HANDLE */
                                0x6c, /* Old Flags:
object, Oi2 */
/* 36 */ NdrFcLong( 0x0 ), /* 0 */
/* 40 */ NdrFcShort( 0x4 ), /* 4 */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 42 */ NdrFcShort( 0x1c ), /* x86 Stack size/offset = 28 */
#else
                                NdrFcShort( 0x20 ), /* MIPS &
PPC Stack size/offset = 32 */
#endif
#else
                                NdrFcShort( 0x20 ), /* Alpha Stack
size/offset = 40 */
#endif
/* 44 */ NdrFcShort( 0x0 ), /* 0 */
/* 46 */ NdrFcShort( 0x8 ), /* 8 */
/* 48 */ 0x7, /* Oi2 Flags: srv must size, clt must
size, has return, */
                                0x3, /* 3 */

                                /* Parameter txn_in */

/* 50 */ NdrFcShort( 0x8b ), /* Flags: must size, must free, in, by
val, */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 52 */ NdrFcShort( 0x4 ), /* x86 Stack size/offset = 4 */
#else
                                NdrFcShort( 0x8 ), /* MIPS &
PPC Stack size/offset = 8 */
#endif
#else
                                NdrFcShort( 0x8 ), /* Alpha Stack
size/offset = 8 */
#endif
/* 54 */ NdrFcShort( 0x3c8 ), /* Type Offset=968 */

                                /* Parameter txn_out */

/* 56 */ NdrFcShort( 0x4113 ), /* Flags: must size, must
free, out, simple ref, srv alloc size=16 */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 58 */ NdrFcShort( 0x14 ), /* x86 Stack size/offset = 20 */
#else
                                NdrFcShort( 0x18 ), /* MIPS &
PPC Stack size/offset = 24 */
#endif
#else
                                NdrFcShort( 0x18 ), /* Alpha Stack
size/offset = 24 */
#endif
/* 60 */ NdrFcShort( 0x3da ), /* Type Offset=986 */

                                /* Return value */

/* 62 */ NdrFcShort( 0x70 ), /* Flags: out, return, base type, */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 64 */ NdrFcShort( 0x18 ), /* x86 Stack size/offset = 24 */
#else
                                NdrFcShort( 0x1c ), /* MIPS &
PPC Stack size/offset = 28 */
#endif
#else
                                NdrFcShort( 0x20 ), /* Alpha Stack
size/offset = 32 */
#endif
/* 66 */ 0x8, /* FC_LONG */
                                0x0, /* 0 */

                                /* Procedure Delivery */

/* 68 */ 0x33, /* FC_AUTO_HANDLE */
                                0x6c, /* Old Flags:
object, Oi2 */
/* 70 */ NdrFcLong( 0x0 ), /* 0 */
/* 74 */ NdrFcShort( 0x5 ), /* 5 */
#ifndef _ALPHA_

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#if !defined(_MIPS_) && !defined(_PPC_)
/* 76 */ NdrFcShort( 0x18 ), /* x86 Stack size/offset = 24 */
#else
NdrFcShort( 0x1c ), /* MIPS &
PPC Stack size/offset = 28 */
#endif
#else
NdrFcShort( 0x20 ), /* Alpha Stack
size/offset = 32 */
#endif
/* 78 */ NdrFcShort( 0x0 ), /* 0 */
/* 80 */ NdrFcShort( 0x8 ), /* 8 */
/* 82 */ 0x6, /* Oi2 Flags: clt must size, has
return, */
0x2, /* 2 */
/* Parameter txn_in */
/* 84 */ NdrFcShort( 0x8b ), /* Flags: must size, must free, in, by
val, */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 86 */ NdrFcShort( 0x4 ), /* x86 Stack size/offset = 4 */
#else
NdrFcShort( 0x8 ), /* MIPS &
PPC Stack size/offset = 8 */
#endif
#else
NdrFcShort( 0x8 ), /* Alpha Stack
size/offset = 8 */
#endif
/* 88 */ NdrFcShort( 0x3c8 ), /* Type Offset=968 */
/* Return value */
/* 90 */ NdrFcShort( 0x70 ), /* Flags: out, return, base type, */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 92 */ NdrFcShort( 0x14 ), /* x86 Stack size/offset = 20 */
#else
NdrFcShort( 0x18 ), /* MIPS &
PPC Stack size/offset = 24 */
#endif
#else
NdrFcShort( 0x18 ), /* Alpha Stack
size/offset = 24 */
#endif
/* 94 */ 0x8, /* FC_LONG */
0x0, /* 0 */
/* Procedure StockLevel */
/* 96 */ 0x33, /* FC_AUTO_HANDLE */
0x6c, /* Old Flags:
object, Oi2 */
/* 98 */ NdrFcLong( 0x0 ), /* 0 */
/* 102 */ NdrFcShort( 0x6 ), /* 6 */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 104 */ NdrFcShort( 0x1c ), /* x86 Stack size/offset = 28 */
#else
NdrFcShort( 0x20 ), /* MIPS &
PPC Stack size/offset = 32 */
#endif
#else
NdrFcShort( 0x28 ), /* Alpha Stack
size/offset = 40 */
#endif
/* 106 */ NdrFcShort( 0x0 ), /* 0 */
/* 108 */ NdrFcShort( 0x8 ), /* 8 */
/* 110 */ 0x7, /* Oi2 Flags: srv must size, clt must
size, has return, */
0x3, /* 3 */
/* Parameter txn_in */
/* 112 */ NdrFcShort( 0x8b ), /* Flags: must size, must free, in, by
val, */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 114 */ NdrFcShort( 0x4 ), /* x86 Stack size/offset = 4 */
#else
NdrFcShort( 0x8 ), /* MIPS &
PPC Stack size/offset = 8 */
#endif
#else
NdrFcShort( 0x8 ), /* Alpha Stack
size/offset = 8 */
#endif
/* 116 */ NdrFcShort( 0x3c8 ), /* Type Offset=968 */
/* Parameter txn_out */
/* 118 */ NdrFcShort( 0x4113 ), /* Flags: must size, must
free, out, simple ref, srv alloc size=16 */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 120 */ NdrFcShort( 0x14 ), /* x86 Stack size/offset = 20 */
#else
NdrFcShort( 0x18 ), /* MIPS &
PPC Stack size/offset = 24 */
#endif
#else
NdrFcShort( 0x18 ), /* Alpha Stack
size/offset = 24 */
#endif
/* 122 */ NdrFcShort( 0x3da ), /* Type Offset=986 */
/* Return value */
/* 124 */ NdrFcShort( 0x70 ), /* Flags: out, return, base type, */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 126 */ NdrFcShort( 0x18 ), /* x86 Stack size/offset = 24 */
#else
NdrFcShort( 0x1c ), /* MIPS &
PPC Stack size/offset = 28 */
#endif
#else
NdrFcShort( 0x20 ), /* Alpha Stack
size/offset = 32 */
#endif
/* 128 */ 0x8, /* FC_LONG */
0x0, /* 0 */
/* Procedure OrderStatus */
/* 130 */ 0x33, /* FC_AUTO_HANDLE */
0x6c, /* Old Flags:
object, Oi2 */
/* 132 */ NdrFcLong( 0x0 ), /* 0 */
/* 136 */ NdrFcShort( 0x7 ), /* 7 */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 138 */ NdrFcShort( 0x1c ), /* x86 Stack size/offset = 28 */
#else

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NdrFcShort( 0x20 ), /* MIPS &
PPC Stack size/offset = 32 */
#endif
#else
NdrFcShort( 0x28 ), /* Alpha Stack
size/offset = 40 */
#endif
/* 140 */ NdrFcShort( 0x0 ), /* 0 */
/* 142 */ NdrFcShort( 0x8 ), /* 8 */
/* 144 */ 0x7, /* Oi2 Flags: srv must size, clt must
size, has return, */
0x3, /* 3 */
/* Parameter txn_in */
/* 146 */ NdrFcShort( 0x8b ), /* Flags: must size, must free, in, by
val, */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 148 */ NdrFcShort( 0x4 ), /* x86 Stack size/offset = 4 */
#else
NdrFcShort( 0x8 ), /* MIPS &
PPC Stack size/offset = 8 */
#endif
#else
NdrFcShort( 0x8 ), /* Alpha Stack
size/offset = 8 */
#endif
/* 150 */ NdrFcShort( 0x3c8 ), /* Type Offset=968 */
/* Parameter txn_out */
/* 152 */ NdrFcShort( 0x4113 ), /* Flags: must size, must
free, out, simple ref, srv alloc size=16 */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 154 */ NdrFcShort( 0x14 ), /* x86 Stack size/offset = 20 */
#else
NdrFcShort( 0x18 ), /* MIPS &
PPC Stack size/offset = 24 */
#endif
#else
NdrFcShort( 0x18 ), /* Alpha Stack
size/offset = 24 */
#endif
/* 156 */ NdrFcShort( 0x3da ), /* Type Offset=986 */
/* Return value */
/* 158 */ NdrFcShort( 0x70 ), /* Flags: out, return, base type, */
#ifndef _ALPHA_
#if !defined(_MIPS_) && !defined(_PPC_)
/* 160 */ NdrFcShort( 0x18 ), /* x86 Stack size/offset = 24 */
#else
NdrFcShort( 0x1c ), /* MIPS &
PPC Stack size/offset = 28 */
#endif
#else
NdrFcShort( 0x20 ), /* Alpha Stack
size/offset = 32 */
#endif
/* 162 */ 0x8, /* FC_LONG */
0x0, /* 0 */
/* Procedure CallSetComplete */
/* 164 */ 0x33, /* FC_AUTO_HANDLE */
object, Oi2 */
/* 166 */ NdrFcLong( 0x0 ), /* 0 */
/* 170 */ NdrFcShort( 0x8 ), /* 8 */
#ifndef _ALPHA_
/* 172 */ NdrFcShort( 0x8 ), /* x86, MIPS, PPC Stack size/offset
= 8 */
#else
NdrFcShort( 0x10 ), /* Alpha Stack
size/offset = 16 */
#endif
/* 174 */ NdrFcShort( 0x0 ), /* 0 */
/* 176 */ NdrFcShort( 0x8 ), /* 8 */
/* 178 */ 0x4, /* Oi2 Flags: has return, */
0x1, /* 1 */
/* Return value */
/* 180 */ NdrFcShort( 0x70 ), /* Flags: out, return, base type, */
#ifndef _ALPHA_
/* 182 */ NdrFcShort( 0x4 ), /* x86, MIPS, PPC Stack size/offset
= 4 */
#else
NdrFcShort( 0x8 ), /* Alpha Stack
size/offset = 8 */
#endif
/* 184 */ 0x8, /* FC_LONG */
0x0, /* 0 */
0x0
}
};
static const MIDL_TYPE_FORMAT_STRING
_MIDL_TypeFormatString =
{
0,
{
NdrFcShort( 0x0 ), /* 0 */
/* 2 */
0x12, 0x0, /* FC_UP */
/* 4 */ NdrFcShort( 0x3b0 ), /* Offset= 944 (948) */
/* 6 */
0x2b, /*
FC_NON_ENCAPSULATED_UNION */
0x9, /* FC_ULONG
*/
/* 8 */ 0x7, /* Corr desc: FC_USHORT */
0x0, /*
*/
/* 10 */ NdrFcShort( 0xffff8 ), /* -8 */
/* 12 */ NdrFcShort( 0x2 ), /* Offset= 2 (14) */
/* 14 */ NdrFcShort( 0x10 ), /* 16 */
/* 16 */ NdrFcShort( 0x2b ), /* 43 */
/* 18 */ NdrFcLong( 0x3 ), /* 3 */
/* 22 */ NdrFcShort( 0x8008 ), /* Simple arm type:
FC_LONG */
/* 24 */ NdrFcLong( 0x11 ), /* 17 */
/* 28 */ NdrFcShort( 0x8001 ), /* Simple arm type:
FC_BYTE */
/* 30 */ NdrFcLong( 0x2 ), /* 2 */
/* 34 */ NdrFcShort( 0x8006 ), /* Simple arm type:
FC_SHORT */
/* 36 */ NdrFcLong( 0x4 ), /* 4 */
/* 40 */ NdrFcShort( 0x800a ), /* Simple arm type:
FC_FLOAT */
/* 42 */ NdrFcLong( 0x5 ), /* 5 */
/* 46 */ NdrFcShort( 0x800c ), /* Simple arm type:
FC_DOUBLE */
}
}

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/* 48 */ NdrFcLong( 0xb ), /* 11 */
/* 52 */ NdrFcShort( 0x8006 ), /* Simple arm type:
FC_SHORT */
/* 54 */ NdrFcLong( 0xa ), /* 10 */
/* 58 */ NdrFcShort( 0x8008 ), /* Simple arm type:
FC_LONG */
/* 60 */ NdrFcLong( 0x6 ), /* 6 */
/* 64 */ NdrFcShort( 0xd6 ), /* Offset= 214 (278) */
/* 66 */ NdrFcLong( 0x7 ), /* 7 */
/* 70 */ NdrFcShort( 0x800c ), /* Simple arm type:
FC_DOUBLE */
/* 72 */ NdrFcLong( 0x8 ), /* 8 */
/* 76 */ NdrFcShort( 0xd0 ), /* Offset= 208 (284) */
/* 78 */ NdrFcLong( 0xd ), /* 13 */
/* 82 */ NdrFcShort( 0xe2 ), /* Offset= 226 (308) */
/* 84 */ NdrFcLong( 0x9 ), /* 9 */
/* 88 */ NdrFcShort( 0xee ), /* Offset= 238 (326) */
/* 90 */ NdrFcLong( 0x2000 ), /* 8192 */
/* 94 */ NdrFcShort( 0xfa ), /* Offset= 250 (344) */
/* 96 */ NdrFcLong( 0x24 ), /* 36 */
/* 100 */ NdrFcShort( 0x308 ), /* Offset= 776 (876) */
/* 102 */ NdrFcLong( 0x4024 ), /* 16420 */
/* 106 */ NdrFcShort( 0x302 ), /* Offset= 770 (876) */
/* 108 */ NdrFcLong( 0x4011 ), /* 16401 */
/* 112 */ NdrFcShort( 0x300 ), /* Offset= 768 (880) */
/* 114 */ NdrFcLong( 0x4002 ), /* 16386 */
/* 118 */ NdrFcShort( 0x2fe ), /* Offset= 766 (884) */
/* 120 */ NdrFcLong( 0x4003 ), /* 16387 */
/* 124 */ NdrFcShort( 0x2fc ), /* Offset= 764 (888) */
/* 126 */ NdrFcLong( 0x4004 ), /* 16388 */
/* 130 */ NdrFcShort( 0x2fa ), /* Offset= 762 (892) */
/* 132 */ NdrFcLong( 0x4005 ), /* 16389 */
/* 136 */ NdrFcShort( 0x2f8 ), /* Offset= 760 (896) */
/* 138 */ NdrFcLong( 0x400b ), /* 16395 */
/* 142 */ NdrFcShort( 0x2e6 ), /* Offset= 742 (884) */
/* 144 */ NdrFcLong( 0x400a ), /* 16394 */
/* 148 */ NdrFcShort( 0x2e4 ), /* Offset= 740 (888) */
/* 150 */ NdrFcLong( 0x4006 ), /* 16390 */
/* 154 */ NdrFcShort( 0x2ea ), /* Offset= 746 (900) */
/* 156 */ NdrFcLong( 0x4007 ), /* 16391 */
/* 160 */ NdrFcShort( 0x2e0 ), /* Offset= 736 (896) */
/* 162 */ NdrFcLong( 0x4008 ), /* 16392 */
/* 166 */ NdrFcShort( 0x2e2 ), /* Offset= 738 (904) */
/* 168 */ NdrFcLong( 0x400d ), /* 16397 */
/* 172 */ NdrFcShort( 0x2e0 ), /* Offset= 736 (908) */
/* 174 */ NdrFcLong( 0x4009 ), /* 16393 */
/* 178 */ NdrFcShort( 0x2de ), /* Offset= 734 (912) */
/* 180 */ NdrFcLong( 0x6000 ), /* 24576 */
/* 184 */ NdrFcShort( 0x2dc ), /* Offset= 732 (916) */
/* 186 */ NdrFcLong( 0x400c ), /* 16396 */
/* 190 */ NdrFcShort( 0x2da ), /* Offset= 730 (920) */
/* 192 */ NdrFcLong( 0x10 ), /* 16 */
/* 196 */ NdrFcShort( 0x8002 ), /* Simple arm type:
FC_CHAR */
/* 198 */ NdrFcLong( 0x12 ), /* 18 */
/* 202 */ NdrFcShort( 0x8006 ), /* Simple arm type:
FC_SHORT */
/* 204 */ NdrFcLong( 0x13 ), /* 19 */
/* 208 */ NdrFcShort( 0x8008 ), /* Simple arm type:
FC_LONG */
/* 210 */ NdrFcLong( 0x16 ), /* 22 */
/* 214 */ NdrFcShort( 0x8008 ), /* Simple arm type:
FC_LONG */
/* 216 */ NdrFcLong( 0x17 ), /* 23 */
/* 220 */ NdrFcShort( 0x8008 ), /* Simple arm type:
FC_LONG */
/* 222 */ NdrFcLong( 0xe ), /* 14 */
/* 226 */ NdrFcShort( 0x2be ), /* Offset= 702 (928) */
/* 228 */ NdrFcLong( 0x400e ), /* 16398 */
/* 232 */ NdrFcShort( 0x2c4 ), /* Offset= 708 (940) */
/* 234 */ NdrFcLong( 0x4010 ), /* 16400 */
/* 238 */ NdrFcShort( 0x2c2 ), /* Offset= 706 (944) */
/* 240 */ NdrFcLong( 0x4012 ), /* 16402 */
/* 244 */ NdrFcShort( 0x280 ), /* Offset= 640 (884) */
/* 246 */ NdrFcLong( 0x4013 ), /* 16403 */
/* 250 */ NdrFcShort( 0x27e ), /* Offset= 638 (888) */
/* 252 */ NdrFcLong( 0x4016 ), /* 16406 */
/* 256 */ NdrFcShort( 0x278 ), /* Offset= 632 (888) */
/* 258 */ NdrFcLong( 0x4017 ), /* 16407 */
/* 262 */ NdrFcShort( 0x272 ), /* Offset= 626 (888) */
/* 264 */ NdrFcLong( 0x0 ), /* 0 */
/* 268 */ NdrFcShort( 0x0 ), /* Offset= 0 (268) */
/* 270 */ NdrFcLong( 0x1 ), /* 1 */
/* 274 */ NdrFcShort( 0x0 ), /* Offset= 0 (274) */
/* 276 */ NdrFcShort( 0xffffffff ), /* Offset= -1 (275) */
/* 278 */
0x15, /*
FC_STRUCT */
0x7, /* 7 */
/* 280 */ NdrFcShort( 0x8 ), /* 8 */
/* 282 */ 0xb, /* FC_HYPER */
0x5b, /* FC_END */
/* 284 */
0x12, 0x0, /* FC_UP */
/* 286 */ NdrFcShort( 0xc ), /* Offset= 12 (298) */
/* 288 */
0x1b, /*
FC_CARRAY */
0x1, /* 1 */
/* 290 */ NdrFcShort( 0x2 ), /* 2 */
/* 292 */ 0x9, /* Corr desc: FC_ULONG */
0x0, /*
/* 294 */ NdrFcShort( 0xfffc ), /* -4 */
/* 296 */ 0x6, /* FC_SHORT */
0x5b, /* FC_END */
/* 298 */
0x17, /*
FC_CSTRUCT */
0x3, /* 3 */
/* 300 */ NdrFcShort( 0x8 ), /* 8 */
/* 302 */ NdrFcShort( 0xffffffff2 ), /* Offset= -14 (288) */
/* 304 */ 0x8, /* FC_LONG */
0x8, /* FC_LONG
*/
/* 306 */ 0x5c, /* FC_PAD */
0x5b, /* FC_END */
/* 308 */
0x2f, /* FC_IP */
0x5a, /*
/* 310 */ NdrFcLong( 0x0 ), /* 0 */
/* 314 */ NdrFcShort( 0x0 ), /* 0 */
/* 316 */ NdrFcShort( 0x0 ), /* 0 */
/* 318 */ 0xc0, /* 192 */
0x0, /* 0 */
/* 320 */ 0x0, /* 0 */
0x0, /* 0 */
/* 322 */ 0x0, /* 0 */
0x0, /* 0 */
/* 324 */ 0x0, /* 0 */
0x46, /* 70 */
/* 326 */
0x2f, /* FC_IP */
0x5a, /*
FC_CONSTANT_IID */
/* 328 */ NdrFcLong( 0x20400 ), /* 132096 */

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/* 332 */ NdrFcShort( 0x0 ), /* 0 */
/* 334 */ NdrFcShort( 0x0 ), /* 0 */
/* 336 */ 0xc0, /* 192 */
/* 338 */ 0x0, /* 0 */
/* 340 */ 0x0, /* 0 */
/* 342 */ 0x0, /* 0 */
/* 344 */ /* 70 */
/* 346 */ NdrFcShort( 0x2 ), /* Offset= 2 (348) */
/* 348 */ /* FC_UP */
/* 350 */ NdrFcShort( 0x1fc ), /* Offset= 508 (858) */
/* 352 */ /* FC_UP */
FC_ENCAPSULATED_UNION /*
/* 354 */ NdrFcShort( 0x18 ), /* 24 */
/* 356 */ NdrFcShort( 0xa ), /* 10 */
/* 358 */ NdrFcLong( 0x8 ), /* 8 */
/* 362 */ NdrFcShort( 0x58 ), /* Offset= 88 (450) */
/* 364 */ NdrFcLong( 0xd ), /* 13 */
/* 368 */ NdrFcShort( 0x78 ), /* Offset= 120 (488) */
/* 370 */ NdrFcLong( 0x9 ), /* 9 */
/* 374 */ NdrFcShort( 0x94 ), /* Offset= 148 (522) */
/* 376 */ NdrFcLong( 0xc ), /* 12 */
/* 380 */ NdrFcShort( 0xbc ), /* Offset= 188 (568) */
/* 382 */ NdrFcLong( 0x24 ), /* 36 */
/* 386 */ NdrFcShort( 0x114 ), /* Offset= 276 (662) */
/* 388 */ NdrFcLong( 0x800d ), /* 32781 */
/* 392 */ NdrFcShort( 0x130 ), /* Offset= 304 (696) */
/* 394 */ NdrFcLong( 0x10 ), /* 16 */
/* 398 */ NdrFcShort( 0x148 ), /* Offset= 328 (726) */
/* 400 */ NdrFcLong( 0x2 ), /* 2 */
/* 404 */ NdrFcShort( 0x160 ), /* Offset= 352 (756) */
/* 406 */ NdrFcLong( 0x3 ), /* 3 */
/* 410 */ NdrFcShort( 0x178 ), /* Offset= 376 (786) */
/* 412 */ NdrFcLong( 0x14 ), /* 20 */
/* 416 */ NdrFcShort( 0x190 ), /* Offset= 400 (816) */
/* 418 */ NdrFcShort( 0xfffffff ), /* Offset= -1 (417) */
/* 420 */ /* FC_UP */
FC_CARRAY /*
/* 422 */ NdrFcShort( 0x4 ), /* 4 */
/* 424 */ 0x19, /* Corr desc: field pointer,
FC_ULONG */
/* 426 */ NdrFcShort( 0x0 ), /* 0 */
/* 428 */ /* FC_PP */
/* 430 */ /* FC_PAD */
/* 432 */ /* FC_PP */
/* 434 */ /* FC_PAD */
/* 436 */ /* FC_PP */
/* 438 */ /* FC_PAD */
/* 440 */ /* FC_PP */
/* 442 */ 0x12, 0x0, /* FC_UP */
/* 444 */ NdrFcShort( 0xfffff6e ), /* Offset= -146 (298) */
/* 446 */ /* FC_UP */
/* 448 */ 0x5c, /* FC_PAD */
/* 450 */ /* FC_END */
/* 452 */ NdrFcShort( 0x8 ), /* 8 */
/* 454 */ /* FC_END */
/* 456 */ /* FC_END */
FC_NO_REPEAT /*
/* 458 */ NdrFcShort( 0x4 ), /* 4 */
/* 460 */ NdrFcShort( 0x4 ), /* 4 */
/* 462 */ 0x11, 0x0, /* FC_RP */
/* 464 */ NdrFcShort( 0xfffffd4 ), /* Offset= -44 (420) */
/* 466 */ /* FC_END */
/* 468 */ 0x8, /* FC_LONG */
/* 470 */ /* FC_END */
FC_BOGUS_ARRAY /*
/* 472 */ NdrFcShort( 0x0 ), /* 0 */
/* 474 */ 0x19, /* Corr desc: field pointer,
FC_ULONG */
/* 476 */ NdrFcShort( 0x0 ), /* 0 */
/* 478 */ NdrFcLong( 0xffffffff ), /* -1 */
/* 482 */ 0x4c, /* FC_EMBEDDED_COMPLEX */
/* 484 */ NdrFcShort( 0xfffff50 ), /* Offset= -176 (308) */
/* 486 */ 0x5c, /* FC_PAD */
/* 488 */ /* FC_END */
/* 490 */ /* FC_END */
FC_BOGUS_STRUCT /*
/* 492 */ NdrFcShort( 0x8 ), /* 8 */
/* 494 */ NdrFcShort( 0x0 ), /* 0 */
/* 496 */ NdrFcShort( 0x6 ), /* Offset= 6 (500) */
/* 498 */ 0x8, /* FC_LONG */
/* 500 */ /* FC_END */
/* 502 */ NdrFcShort( 0xfffffe0 ), /* Offset= -32 (470) */
/* 504 */ /* FC_END */
/* 506 */ /* FC_END */
FC_BOGUS_ARRAY /*
/* 508 */ NdrFcShort( 0x0 ), /* 0 */
/* 510 */ 0x19, /* Corr desc: field pointer,
FC_ULONG */
/* 512 */ NdrFcShort( 0x0 ), /* 0 */
/* 514 */ /* FC_END */

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	0x5b,	/* FC_END */		0x0,	/* */
	0x8,	/* FC_LONG	/* 722 */ NdrFcShort(0x0),	/* 0 */	
/			/ 724 */ 0x1,	/* FC_BYTE */	
/* 660 */ 0x5c,	/* FC_PAD */		/* 726 */	0x5b,	/* FC_END */
/* 662 */	0x5b,	/* FC_END */		0x16,	/*
FC_BOGUS_STRUCT */	0x1a,	/*	FC_PSTRUCT */	0x3,	/* 3 */
	0x3,	/* 3 */	/* 728 */ NdrFcShort(0x8),	/* 8 */	
/* 664 */ NdrFcShort(0x8),	/* 8 */		/* 730 */	0x4b,	/* FC_PP */
/* 666 */ NdrFcShort(0x0),	/* 0 */			0x5c,	/* FC_PAD */
/* 668 */ NdrFcShort(0x6),	/* Offset= 6 (674) */		/* 732 */		
/* 670 */ 0x8,	/* FC_LONG */			0x46,	/*
FC_POINTER */	0x36,	/*	FC_NO_REPEAT */	0x5c,	/* FC_PAD */
/* 672 */ 0x5c,	/* FC_PAD */		/* 734 */ NdrFcShort(0x4),	/* 4 */	
/* 674 */	0x5b,	/* FC_END */	/* 736 */ NdrFcShort(0x4),	/* 4 */	
	0x11, 0x0, /* FC_RP */		/* 738 */ 0x12, 0x0, /* FC_UP */		
/* 676 */ NdrFcShort(0xfffffd4),	/* Offset= -44 (632) */		/* 740 */ NdrFcShort(0xfffffe8),	/* Offset= -24 (716) */	
/* 678 */			/* 742 */	0x5b,	/* FC_END */
FC_SMFARRAY */	0x1d,	/*		0x8,	/* FC_LONG
	0x0,	/* 0 */	*/		
/* 680 */ NdrFcShort(0x8),	/* 8 */		/* 744 */ 0x8,	/* FC_LONG */	
/* 682 */ 0x2,	/* FC_CHAR */		/* 746 */	0x5b,	/* FC_END */
/* 684 */	0x5b,	/* FC_END */		0x1b,	/*
FC_STRUCT */	0x15,	/*	FC_CARRAY */	0x1,	/* 1 */
	0x3,	/* 3 */	/* 748 */ NdrFcShort(0x2),	/* 2 */	
/* 686 */ NdrFcShort(0x10),	/* 16 */		/* 750 */ 0x19,	/* Corr desc: field pointer,	
/* 688 */ 0x8,	/* FC_LONG */		FC_ULONG */		
/	0x6,	/ FC_SHORT	/* 752 */ NdrFcShort(0x0),	/* 0 */	/* */
/* 690 */ 0x6,	/* FC_SHORT */		/* 754 */ 0x6,	/* FC_SHORT */	
FC_EMBEDDED_COMPLEX */	0x4c,	/*	/* 756 */	0x5b,	/* FC_END */
/* 692 */ 0x0,	/* 0 */			0x16,	/*
Offset= -15 (678) */	NdrFcShort(0xfffff1),	/*	FC_PSTRUCT */	0x3,	/* 3 */
/* 696 */	0x5b,	/* FC_END */	/* 758 */ NdrFcShort(0x8),	/* 8 */	
FC_BOGUS_STRUCT */	0x1a,	/*	/* 760 */	0x4b,	/* FC_PP */
	0x3,	/* 3 */	/* 762 */	0x5c,	/* FC_PAD */
/* 698 */ NdrFcShort(0x18),	/* 24 */			0x46,	/*
/* 700 */ NdrFcShort(0x0),	/* 0 */		FC_NO_REPEAT */	0x5c,	/* FC_PAD */
/* 702 */ NdrFcShort(0xa),	/* Offset= 10 (712) */		/* 764 */ NdrFcShort(0x4),	/* 4 */	
/* 704 */ 0x8,	/* FC_LONG */		/* 766 */ NdrFcShort(0x4),	/* 4 */	
FC_POINTER */	0x36,	/*	/* 768 */ 0x12, 0x0, /* FC_UP */		
/* 706 */ 0x4c,	/* FC_EMBEDDED_COMPLEX */		/* 770 */ NdrFcShort(0xfffffe8),	/* Offset= -24 (746) */	
	0x0,	/* 0 */	/* 772 */	0x5b,	/* FC_END */
/* 708 */ NdrFcShort(0xfffffe8),	/* Offset= -24 (684) */			0x8,	/* FC_LONG
/* 710 */ 0x5c,	/* FC_PAD */		*/		
/* 712 */	0x5b,	/* FC_END */	/* 774 */ 0x8,	/* FC_LONG */	
	0x11, 0x0, /* FC_RP */		/* 776 */	0x5b,	/* FC_END */
/* 714 */ NdrFcShort(0xfffff0c),	/* Offset= -244 (470) */			0x1b,	/*
/* 716 */			FC_CARRAY */	0x0,	/* 0 */
FC_CARRAY */	0x0,	/* 0 */	/* 778 */ NdrFcShort(0x4),	/* 4 */	/* 3 */
/* 718 */ NdrFcShort(0x1),	/* 1 */		/* 780 */ 0x19,	/* Corr desc: field pointer,	
/* 720 */ 0x19,	/* Corr desc: field pointer,		FC_ULONG */		
FC_ULONG */					

/* 782 */ NdrFcShort(0x0),	0x0,	/* */	/*	0x8,	/* FC_LONG
/* 784 */ 0x8,	/* FC_LONG */		/* 842 */ 0x5c,	/* FC_PAD */	
/* 786 */	0x5b,	/* FC_END */	/* 844 */	0x5b,	/* FC_END */
FC_PSTRUCT */	0x16,	/*	FC_CARRAY */	0x1b,	/*
/* 788 */ NdrFcShort(0x8),	0x3,	/* 3 */	/* 846 */ NdrFcShort(0x8),	0x3,	/* 3 */
/* 790 */	/* 8 */		/* 848 */ 0x7,	/* 8 */	
/* 792 */	0x4b,	/* FC_PP */	/* 850 */ NdrFcShort(0xffd8),	/* Corr desc: FC_USHORT */	
FC_NO_REPEAT */	0x5c,	/* FC_PAD */	/* 852 */ 0x4c,	/* FC_EMBEDDED_COMPLEX */	
/* 794 */ NdrFcShort(0x4),	0x46,	/*	/* 854 */ NdrFcShort(0xfffffee),	/* 0 */	
/* 796 */ NdrFcShort(0x4),	0x5c,	/* FC_PAD */	/* 856 */ 0x5c,	/* Offset= -18 (836) */	
/* 798 */ 0x12, 0x0, /* FC_UP */	0x5b,	/* FC_PAD */	/* 858 */	/* FC_END */	
/* 800 */ NdrFcShort(0xfffffe8),	/* Offset= -24 (776) */		FC_BOGUS_STRUCT */	0x1a,	/*
/* 802 */	0x5b,	/* FC_END */	/* 860 */ NdrFcShort(0x28),	/* 3 */	
/*	0x8,	/* FC_LONG	/* 862 */ NdrFcShort(0xfffffee),	/* 40 */	
/* 804 */ 0x8,	/* FC_LONG */		/* 864 */ NdrFcShort(0x0),	/* Offset= -18 (844) */	
/* 806 */	0x5b,	/* FC_END */	/* 866 */ 0x6,	/* Offset= 0 (864) */	
FC_CARRAY */	0x1b,	/*	/* FC_SHORT */	0x6,	/* FC_SHORT
/* 808 */ NdrFcShort(0x8),	0x7,	/* 7 */	/* 868 */ 0x38,	/* FC_ALIGNM4 */	
/* 810 */ 0x19,	/* 8 */		/* 870 */ 0x8,	/* FC_LONG */	
FC_ULONG */	/* Corr desc: field pointer,		FC_EMBEDDED_COMPLEX */	0x4c,	/*
/* 812 */ NdrFcShort(0x0),	0x0,	/* */	/* 872 */ 0x0,	/* 0 */	
/* 814 */ 0xb,	/* FC_HYPER */		NdrFcShort(0xfffffd7),	/*	
/* 816 */	0x5b,	/* FC_END */	Offset= -521 (352) */	0x5b,	/* FC_END */
FC_PSTRUCT */	0x16,	/*	/* 876 */	0x12, 0x0, /* FC_UP */	
/* 818 */ NdrFcShort(0x8),	0x3,	/* 3 */	/* 878 */ NdrFcShort(0xfffffef6),	/* Offset= -266 (612) */	
/* 820 */	/* 8 */		/* 880 */	0x12, 0x8, /* FC_UP	
/* 822 */	0x4b,	/* FC_PP */	[simple_pointer] */	/* FC_BYTE */	
FC_NO_REPEAT */	0x5c,	/* FC_PAD */	/* 882 */ 0x1,	/* FC_PAD */	
/* 824 */ NdrFcShort(0x4),	0x46,	/*	/* 884 */	0x12, 0x8, /* FC_UP	
/* 826 */ NdrFcShort(0x4),	0x5c,	/* FC_PAD */	[simple_pointer] */	/* FC_SHORT */	
/* 828 */ 0x12, 0x0, /* FC_UP */	0x46,	/*	/* 886 */ 0x6,	/* FC_PAD */	
/* 830 */ NdrFcShort(0xfffffe8),	0x5c,	/* FC_PAD */	/* 888 */	0x5c,	/* FC_PAD */
/* 832 */	/* Offset= -24 (806) */		0x12, 0x8, /* FC_UP	/* FC_LONG */	
/*	0x5b,	/* FC_END */	/* 890 */ 0x8,	/* FC_PAD */	
/* 834 */ 0x8,	0x8,	/* FC_LONG	/* 892 */	0x12, 0x8, /* FC_UP	
/* 836 */	/* FC_LONG */		[simple_pointer] */	/* FC_FLOAT */	
FC_STRUCT */	0x15,	/*	/* 894 */ 0xa,	/* FC_PAD */	
/* 838 */ NdrFcShort(0x8),	0x3,	/* 3 */	/* 896 */	0x12, 0x8, /* FC_UP	
/* 840 */ 0x8,	/* 8 */		[simple_pointer] */	/* FC_DOUBLE */	
/*	0x4b,	/* FC_PP */	/* 898 */ 0xc,	/* FC_PAD */	
/* 842 */	0x5c,	/* FC_PAD */	/* 900 */	0x5c,	/* FC_PAD */
/* 844 */	0x46,	/*	0x12, 0x0, /* FC_UP */	/* Offset= -624 (278) */	
/* 846 */	/* Offset= -24 (776) */		/* 902 */ NdrFcShort(0xfffffd90),		


```

/* 904 */
                                0x12, 0x10, /* FC_UP */
/* 906 */ NdrFcShort( 0xffffd92 ), /* Offset= -622 (284) */
/* 908 */
                                0x12, 0x10, /* FC_UP */
/* 910 */ NdrFcShort( 0xffffda6 ), /* Offset= -602 (308) */
/* 912 */
                                0x12, 0x10, /* FC_UP */
/* 914 */ NdrFcShort( 0xffffdb4 ), /* Offset= -588 (326) */
/* 916 */
                                0x12, 0x10, /* FC_UP */
/* 918 */ NdrFcShort( 0xffffdc2 ), /* Offset= -574 (344) */
/* 920 */
                                0x12, 0x10, /* FC_UP */
/* 922 */ NdrFcShort( 0x2 ), /* Offset= 2 (924) */
/* 924 */
                                0x12, 0x0, /* FC_UP */
/* 926 */ NdrFcShort( 0xffffc62 ), /* Offset= -926 (0) */
/* 928 */
                                0x15, /*
FC_STRUCT */
                                0x7, /* 7 */
/* 930 */ NdrFcShort( 0x10 ), /* 16 */
/* 932 */ 0x6, /* FC_SHORT */
                                0x1, /* FC_BYTE */
/*
/* 934 */ 0x1, /* FC_BYTE */
                                0x38, /*
FC_ALIGNM4 */
/* 936 */ 0x8, /* FC_LONG */
                                0x39, /*
FC_ALIGNM8 */
/* 938 */ 0xb, /* FC_HYPER */
                                0x5b, /* FC_END */
/* 940 */
                                0x12, 0x0, /* FC_UP */
/* 942 */ NdrFcShort( 0xfffff2 ), /* Offset= -14 (928) */
/* 944 */
                                0x12, 0x8, /* FC_UP
[simple_pointer] */
/* 946 */ 0x2, /* FC_CHAR */
                                0x5c, /* FC_PAD */
/* 948 */
                                0x1a, /*
FC_BOGUS_STRUCT */
                                0x7, /* 7 */
/* 950 */ NdrFcShort( 0x20 ), /* 32 */
/* 952 */ NdrFcShort( 0x0 ), /* 0 */
/* 954 */ NdrFcShort( 0x0 ), /* Offset= 0 (954) */
/* 956 */ 0x8, /* FC_LONG */
                                0x8, /* FC_LONG */
/*
/* 958 */ 0x6, /* FC_SHORT */
                                0x6, /* FC_SHORT */
/*
/* 960 */ 0x6, /* FC_SHORT */
                                0x6, /* FC_SHORT */
/*
/* 962 */ 0x4c, /* FC_EMBEDDED_COMPLEX */
                                0x0, /* 0 */
/* 964 */ NdrFcShort( 0xffffc42 ), /* Offset= -958 (6) */
/* 966 */ 0x5c, /* FC_PAD */
                                0x5b, /* FC_END */
/* 968 */ 0xb4, /* FC_USER_MARSHAL */
                                0x83, /* 131 */
/* 970 */ NdrFcShort( 0x0 ), /* 0 */
/* 972 */ NdrFcShort( 0x10 ), /* 16 */
/* 974 */ NdrFcShort( 0x0 ), /* 0 */
/* 976 */ NdrFcShort( 0xffffc32 ), /* Offset= -974 (2) */
/* 978 */
                                0x11, 0x4, /* FC_RP
[allocated_on_stack] */
/* 980 */ NdrFcShort( 0x6 ), /* Offset= 6 (986) */
/* 982 */
                                0x13, 0x0, /* FC_OP */
/* 984 */ NdrFcShort( 0xfffff4dc ), /* Offset= -36 (948) */
/* 986 */ 0xb4, /* FC_USER_MARSHAL */
                                0x83, /* 131 */
/* 988 */ NdrFcShort( 0x0 ), /* 0 */
/* 990 */ NdrFcShort( 0x10 ), /* 16 */
/* 992 */ NdrFcShort( 0x0 ), /* 0 */
/* 994 */ NdrFcShort( 0xfffff4 ), /* Offset= -12 (982) */
                                0x0
}
};
const CInterfaceProxyVtbl* _tpcc_com_remote_ps_ProxyVtblList[] =
{
( CInterfaceProxyVtbl* ) &_ITPCCremProxyVtbl,
0
};
const CInterfaceStubVtbl* _tpcc_com_remote_ps_StubVtblList[] =
{
( CInterfaceStubVtbl* ) &_ITPCCremStubVtbl,
0
};
PCInterfaceName const _tpcc_com_remote_ps_InterfaceNamesList[] =
{
"ITPCCrem",
0
};
#define _tpcc_com_remote_ps_CHECK_IID(n)
IID_GENERIC_CHECK_IID(_tpcc_com_remote_ps, pIID, n)
int __stdcall _tpcc_com_remote_ps_IID_Lookup( const IID* pIID, int
*pIndex )
{
if(!_tpcc_com_remote_ps_CHECK_IID(0))
{
*pIndex = 0;
return 1;
}
return 0;
}
const ExtendedProxyFileInfo tpcc_com_remote_ps_ProxyFileInfo =
{
(PCInterfaceProxyVtblList*) &
_tpcc_com_remote_ps_ProxyVtblList,
(PCInterfaceStubVtblList*) &_tpcc_com_remote_ps_StubVtblList,
(const PCInterfaceName*) &
_tpcc_com_remote_ps_InterfaceNamesList,
0, // no delegation
&_tpcc_com_remote_ps_IID_Lookup,
1,
2,
0, /* table of [async_uuid] interfaces */
}

```

```

0, /* Filler1 */
0, /* Filler2 */
0 /* Filler3 */
};

```

tpcc_com_remote_resource.h

```

///<{NO_DEPENDENCIES}
// Microsoft Developer Studio generated include file.
// Used by tpcc_com_remote.rc
//
#define IDS_PROJNAME            100
#define IDR_TPCCrem             101

// Next default values for new objects
//
#ifdef APSTUDIO_INVOKED
#ifndef APSTUDIO_READONLY_SYMBOLS
#define _APS_NEXT_RESOURCE_VALUE    202
#define _APS_NEXT_COMMAND_VALUE    32768
#define _APS_NEXT_CONTROL_VALUE    201
#define _APS_NEXT_SYMED_VALUE    102
#endif
#endif

```

tpcc_com_sl.rgs

```

HKCR
{
    TPCC.StockLevel.1 = s 'StockLevel Class'
    {
        CLSID = s
        '{2668369E-A50D-11D2-BA4E-00C04FBFE08B}'
    }
    TPCC.StockLevel = s 'StockLevel Class'
    {
        CurVer = s 'TPCC.StockLevel.1'
    }
    NoRemove CLSID
    {
        ForceRemove
        {2668369E-A50D-11D2-BA4E-00C04FBFE08B} = s 'StockLevel
        Class'
    }
    ProgID = s 'TPCC.StockLevel.1'
    VersionIndependentProgID = s
    'TPCC.StockLevel'
    InprocServer32 = s '%MODULE%'
    {
        val ThreadingModel = s
    }
}
}

```

tpcc_odbc.cpp

```

/* FILE: TPCC_ODBC.CPP
 * Microsoft TPC-C Kit Ver.
4.20.000
 * Copyright Microsoft,
1999
 * All Rights Reserved

```

```

 *
 * Version 4.10.000 audited
 * by Richard Gimarc, Performance Metrics, 3/17/99
 *
 * PURPOSE: Implements ODBC calls for TPC-C
 * txns.
 * Contact: Charles Levine (clevine@microsoft.com)
 *
 * Change history:
 * 4.30.000 - changes for w_id > 32767 and
 * multinode options.
 * 4.20.000 - updated rev number to match kit
 * 4.10.001 - not deleting error class in catch
 * handler on deadlock retry;
 * not a functional bug, but
 * a memory leak
 */
#include <windows.h>
#include <stdio.h>
#include <assert.h>

#define DBNTWIN32
#include <sqltypes.h>
#include <sql.h>
#include <sqllex.h>
#include <odbcss.h>

#ifdef ICECAP
#include <icapexp.h>
#endif

// need to declare functions for export
#define DllDecl __declspec( dllexport )

#include "..\..\common\src\error.h"
#include "..\..\common\src\trans.h"
#include "..\..\common\src\txn_base.h"
#include "tpcc_odbc.h"

// version string; must match return value from tpcc_version stored
// proc
const char sVersion[] = "4.10.000";

const iMaxRetries = 10; // how many retries on
// deadlock

const int iErrOleDbProvider = 7312;
const char sErrTimeoutExpired[] = "Timeout expired";

#define ErrTrace 1

#ifdef ErrTrace
FILE *errFile;
#endif

static SQLHENV henv = SQL_NULL_HENV;
// ODBC environment handle

BOOL APIENTRY DllMain(HMODULE hModule, DWORD
ul_reason_for_call, LPVOID lpReserved)
{
    switch( ul_reason_for_call )
    {
        case DLL_PROCESS_ATTACH:
            DisableThreadLibraryCalls(hModule);
    }
}

```

```

        if (
SQLAllocHandleStd(SQL_HANDLE_ENV,SQL_NULL_HANDLE,
&henv) != SQL_SUCCESS )
        return FALSE;
#ifdef ErrTrace
        errFile =
fopen("c:\\odbcerrfile.txt","a");
#endif
        break;
        case DLL_PROCESS_DETACH:
        if (henv != NULL)
            SQLFreeEnv(henv);
        break;
        default:
            /* nothing */;
    }
    return TRUE;
}

/* FUNCTION: CTPCC_ODBC_ERR::ErrorText
 *
 */

char* CTPCC_ODBC_ERR::ErrorText(void)
{
    int i;

    static SERRORMSG errorMsgs[] =
    {
        { ERR_WRONG_SP_VERSION,
"Wrong version of stored procs on database server" },
        { ERR_INVALID_CUST,
"Invalid Customer id,name." },
        { ERR_NO_SUCH_ORDER,
orders found for customer." },
        { ERR_RETRIED_TRANS,
"Retries before transaction succeeded." },
        { 0,
"" }
    };

    static char szNotFound[] = "Unknown error number.";

    for(i=0; errorMsgs[i].szMsg[0]; i++)
    {
        if ( m_errno == errorMsgs[i].iError )
            break;
    }
    if ( !errorMsgs[i].szMsg[0] )
        return szNotFound;
    else
        return errorMsgs[i].szMsg;
}

// wrapper routine for class constructor
__declspec(dllexport) CTPCC_ODBC* CTPCC_ODBC_new(
    LPCSTR szServer, // name of SQL server
    LPCSTR szUser, // user name
    LPCSTR szPassword, // password for login
    LPCSTR szHost, // not used
    LPCSTR szDatabase ) // name of database to use
{
    return new CTPCC_ODBC( szServer, szUser, szPassword,
szHost, szDatabase );
}

CTPCC_ODBC::CTPCC_ODBC (
    LPCSTR szServer, //
name of SQL server
    LPCSTR szUser, //
user name for login
    LPCSTR szPassword, //
password for login
    LPCSTR szHost, //
not used
    LPCSTR szDatabase //
name of database to use
)
{
    RETCODE rc;

    // initialization
    m_hdbc = SQL_NULL_HDBC;
    m_hstmt = SQL_NULL_HSTMT;

    m_hstmtNewOrder = SQL_NULL_HSTMT;
    m_hstmtPayment = SQL_NULL_HSTMT;
    m_hstmtDelivery = SQL_NULL_HSTMT;
    m_hstmtOrderStatus = SQL_NULL_HSTMT;
    m_hstmtStockLevel = SQL_NULL_HSTMT;

    m_descNewOrderCols1 = SQL_NULL_HDESC;
    m_descNewOrderCols2 = SQL_NULL_HDESC;
    m_descOrderStatusCols1 = SQL_NULL_HDESC;
    m_descOrderStatusCols2 = SQL_NULL_HDESC;

    if ( SQLAllocHandle(SQL_HANDLE_DBC,henv,
&m_hdbc) != SQL_SUCCESS )
        ThrowError(CODBCERR::eAllocHandle);

    if ( SQLSetConnectOption(m_hdbc, SQL_PACKET_SIZE,
4096) != SQL_SUCCESS )
        ThrowError(CODBCERR::eConnOption);

    {
        char
szConnectStr[256];
        char
szOutStr[1024];
        SQLSMALLINT iOutStrLen;

        sprintf( szConnectStr, "DRIVER=SQL
Server;SERVER=%s;UID=%s;PWD=%s;DATABASE=%s",
szServer, szUser, szPassword,
szDatabase );

        rc = SQLDriverConnect(m_hdbc, NULL,
(SQLCHAR*)szConnectStr, sizeof(szConnectStr),
(SQLCHAR*)szOutStr,
sizeof(szOutStr), &iOutStrLen, SQL_DRIVER_NOPROMPT);

        if (rc != SQL_SUCCESS && rc !=
SQL_SUCCESS_WITH_INFO)
            ThrowError(CODBCERR::eConnect);
    }
}

```

```

        if (SQLAllocHandle(SQL_HANDLE_STMT,m_hdbc,
&m_hstmt) != SQL_SUCCESS)
            ThrowError(CODBCERR::eAllocHandle);

        {

            // set some options affecting connection behavior
            char            buffer[128];

            // set some options affecting connection behavior
            strcpy(buffer, "set nocount on ");
            strcat(buffer, "set XACT_ABORT ON ");

            // for coyote
            strcat(buffer, "set ansi_warnings on ");
            strcat(buffer, "set ansi_nulls on ");
            rc = SQLExecDirect(m_hstmt, (unsigned char
*)buffer, SQL_NTS);
            if (rc != SQL_SUCCESS && rc !=
SQL_SUCCESS_WITH_INFO)
                ThrowError(CODBCERR::eExecDirect);

            // verify that version of stored procs on server is
correct
            char db_sp_version[10];
            strcpy(buffer, "{call tpcc_version}");
            rc = SQLExecDirect(m_hstmt, (unsigned char
*)buffer, SQL_NTS);
            if (rc != SQL_SUCCESS && rc !=
SQL_SUCCESS_WITH_INFO)
                ThrowError(CODBCERR::eExecDirect);
            if ( SQLBindCol(m_hstmt, 1, SQL_C_CHAR,
&db_sp_version, sizeof(db_sp_version), NULL) != SQL_SUCCESS )
                ThrowError(CODBCERR::eBindCol);
            if ( SQLFetch(m_hstmt) == SQL_ERROR )
                ThrowError(CODBCERR::eFetch);
            if (strcmp(db_sp_version,sVersion)
                throw new CTPCC_ODBC_ERR(
CTPCC_ODBC_ERR::ERR_WRONG_SP_VERSION);

            SQLFreeHandle(SQL_HANDLE_STMT,
m_hstmt);
        }

        // Bind parameters for each of the transactions
        InitNewOrderParams();
        InitPaymentParams();
        InitOrderStatusParams();
        InitDeliveryParams();
        InitStockLevelParams();
    }

CTPCC_ODBC::~~CTPCC_ODBC( void )
{
    // note: descriptors are automatically released when the
connection is dropped
    SQLFreeHandle(SQL_HANDLE_STMT,
m_hstmtNewOrder);
    SQLFreeHandle(SQL_HANDLE_STMT,
m_hstmtPayment);
    SQLFreeHandle(SQL_HANDLE_STMT,
m_hstmtDelivery);
    SQLFreeHandle(SQL_HANDLE_STMT,
m_hstmtOrderStatus);
}

```

```

        SQLFreeHandle(SQL_HANDLE_STMT,
m_hstmtStockLevel);

        SQLDisconnect(m_hdbc);
        SQLFreeHandle(SQL_HANDLE_DBC,m_hdbc);
    }

void CTPCC_ODBC::ThrowError( CODBCERR::ACTION eAction )
{
    RETCODE            rc;
    SDWORD            INativeError;
    char            szState[6];
    char            szMsg[SQL_MAX_MESSAGE_LENGTH];
    char            szTmp[6*SQL_MAX_MESSAGE_LENGTH];
    CODBCERR            *pODBCErr; //
not allocated until needed (maybe never)

    pODBCErr = new CODBCERR();

    pODBCErr->m_NativeError = 0;
    pODBCErr->m_eAction = eAction;
    pODBCErr->m_bDeadLock = FALSE;

    szTmp[0] = 0;
    while (TRUE)
    {
        rc = SQLError(henv, m_hdbc, m_hstmt, (BYTE
*)&szState, &INativeError,
                                (BYTE
*)&szMsg, sizeof(szMsg), NULL);
        if (rc == SQL_NO_DATA)
            break;

        // check for deadlock
        if (INativeError == 1205 || (INativeError ==
iErrOleDbProvider &&
                                strstr(szMsg, sErrTimeoutExpired) !=
NULL))
            pODBCErr->m_bDeadLock =
TRUE;

        // capture the (first) database error
        if (pODBCErr->m_NativeError == 0 &&
            pODBCErr->m_NativeError =

            // quit if there isn't enough room to concatenate
error text
            if ( ( strlen(szMsg) + 2) > (sizeof(szTmp) -
strlen(szTmp)) )
            {
#ifdef ErrTrace
                fprintf(errFile, "%s\n", szMsg);
                fflush(errFile);
            }

            break;
        }

        // include line break after first error msg
        if (szTmp[0] != 0)
            strcat( szTmp, "\n");
        strcat( szTmp, szMsg );
    }
}

```

```

        if (pODBCErr->m_odbcerrstr != NULL)
        {
            delete [] pODBCErr->m_odbcerrstr;
            pODBCErr->m_odbcerrstr = NULL;
        }

        if (strlen(szTmp) > 0)
        {
            pODBCErr->m_odbcerrstr = new char[
strlen(szTmp)+1 ];
            strcpy( pODBCErr->m_odbcerrstr, szTmp );
#ifdef ErrTrace
            fprintf(errFile,"%s\n",szTmp);
            fflush(errFile);
#endif
        }

        SQLFreeStmt(m_hstmt, SQL_CLOSE);
        throw pODBCErr;
    }

void CTPCC_ODBC::InitStockLevelParams()
{
    if ( SQLAllocHandle(SQL_HANDLE_STMT,m_hdbc,
&m_hstmtStockLevel) != SQL_SUCCESS )
        ThrowError(CODBCERR::eAllocHandle);

    m_hstmt = m_hstmtStockLevel;

    int i = 0;
    if ( SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_SLONG,SQL_INTEGER,0,0,
&m_txn.StockLevel.w_id,0,NULL) != SQL_SUCCESS
        || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_UTINYINT,SQL_TINYINT,0,0,
&m_txn.StockLevel.d_id,0,NULL) != SQL_SUCCESS
        || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_SSHORT,SQL_SMALLINT,0,0,
&m_txn.StockLevel.threshold,0,NULL) != SQL_SUCCESS
    )
        ThrowError(CODBCERR::eBindParam);

    if ( SQLBindCol(m_hstmt, 1, SQL_C_SLONG,
&m_txn.StockLevel.low_stock,0,NULL) != SQL_SUCCESS )
        ThrowError(CODBCERR::eBindCol);
}

void CTPCC_ODBC::StockLevel()
{
    RETCODE          rc;
    int               iTryCount = 0;

    m_hstmt = m_hstmtStockLevel;

    while (TRUE)
    {
        try
        {
            rc = SQLExecDirectW(m_hstmt,
(SQLWCHAR*)L"{call tpcc_stocklevel(?,?,?)", SQL_NTS);
            if (rc != SQL_SUCCESS && rc !=
SQL_SUCCESS_WITH_INFO)
                ThrowError(CODBCERR::eExecDirect);

            if ( SQLFetch(m_hstmt) ==
SQL_ERROR )

```

```

        ThrowError(CODBCERR::eFetch);

        SQLFreeStmt(m_hstmt,
SQL_CLOSE);

        m_txn.StockLevel.exec_status_code
= eOK;
        break;
    }
    catch (CODBCERR *e)
    {
        if ((!e->m_bDeadLock) ||
(++iTryCount > iMaxRetries))
            throw;

        // hit deadlock; backoff for
        increasingly longer period
        delete e;
        Sleep(10 * iTryCount);
    }
}

// if (iTryCount)
// throw new

CTPCC_ODBC_ERR(CTPCC_ODBC_ERR::ERR_RETRIED_TRAN
S, iTryCount);
}

void CTPCC_ODBC::InitNewOrderParams()
{
    if ( SQLAllocHandle(SQL_HANDLE_STMT,m_hdbc,
&m_hstmtNewOrder) != SQL_SUCCESS
        || SQLAllocHandle(SQL_HANDLE_DESC,
m_hdbc, &m_descNewOrderCols1) != SQL_SUCCESS
        || SQLAllocHandle(SQL_HANDLE_DESC,
m_hdbc, &m_descNewOrderCols2) != SQL_SUCCESS
    )
        ThrowError(CODBCERR::eAllocHandle);

    m_hstmt = m_hstmtNewOrder;

    if ( SQLSetStmtAttrW( m_hstmt,
SQL_ATTR_APP_ROW_DESC, m_descNewOrderCols1,
SQL_IS_POINTER) != SQL_SUCCESS )
        ThrowError(CODBCERR::eSetStmtAttr);

    int i = 0;
    if ( SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_SLONG,SQL_INTEGER,0,0,
&m_txn.NewOrder.w_id,0,NULL) != SQL_SUCCESS
        || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_UTINYINT,SQL_TINYINT,0,0,
&m_txn.NewOrder.d_id,0,NULL) != SQL_SUCCESS
        || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_SLONG,SQL_INTEGER,0,0,
&m_txn.NewOrder.c_id,0,NULL) != SQL_SUCCESS
        || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_UTINYINT,SQL_TINYINT,0,0,
&m_txn.NewOrder.o_ol_cnt,0,NULL) != SQL_SUCCESS
        || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_UTINYINT,SQL_TINYINT,0,0,
&m_txn.NewOrder.o_all_local,0,NULL) != SQL_SUCCESS
    )
        ThrowError(CODBCERR::eBindParam);

    for (int j=0; j<MAX_OL_NEW_ORDER_ITEMS;j++)

```

```

        {
            if ( SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT, SQL_C_SLONG, SQL_INTEGER, 0, 0,
&m_txn.NewOrder.OL[j].ol_i_id, 0, NULL) != SQL_SUCCESS
                || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT, SQL_C_SLONG, SQL_INTEGER, 0, 0,
&m_txn.NewOrder.OL[j].ol_supply_w_id, 0, NULL) !=
SQL_SUCCESS
                || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT, SQL_C_SSHORT, SQL_SMALLINT, 0, 0,
&m_txn.NewOrder.OL[j].ol_quantity, 0, NULL) != SQL_SUCCESS
            )
                ThrowError(CODBCERR::eBindParam);
        }
#ifdef new_order_strstr
        // set the bind offset pointer
        if ( SQLSetStmtAttrW( m_hstmt,
SQL_ATTR_ROW_BIND_OFFSET_PTR, &m_BindOffset,
SQL_IS_POINTER) != SQL_SUCCESS )
            ThrowError(CODBCERR::eSetStmtAttr);

        i = 0;
        if ( SQLBindCol(m_hstmt, ++i, SQL_C_CHAR,
&m_txn.NewOrder.OL[0].ol_i_name,
sizeof(m_txn.NewOrder.OL[0].ol_i_name), NULL) !=
SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i,
SQL_C_SSHORT, &m_txn.NewOrder.OL[0].ol_stock, 0, NULL) !=
SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i, SQL_C_CHAR,
&m_txn.NewOrder.OL[0].ol_brand_generic,
sizeof(m_txn.NewOrder.OL[0].ol_brand_generic), NULL) !=
SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i,
SQL_C_DOUBLE, &m_txn.NewOrder.OL[0].ol_i_price, 0, NULL) !=
SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i,
SQL_C_DOUBLE, &m_txn.NewOrder.OL[0].ol_amount, 0, NULL) !=
SQL_SUCCESS
        )
            ThrowError(CODBCERR::eBindCol);
#else
        // prototype to eliminate patindex in server; shift work to
client
        i = 0;
        if ( SQLBindCol(m_hstmt, ++i, SQL_C_CHAR,
&m_ol_i_name, sizeof(m_ol_i_name), NULL) != SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i,
SQL_C_SSHORT, &m_ol_stock, 0, NULL) != SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i, SQL_C_CHAR,
&m_i_data, sizeof(m_i_data), NULL) != SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i, SQL_C_CHAR,
&m_s_data, sizeof(m_s_data), NULL) != SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i,
SQL_C_DOUBLE, &m_ol_i_price, 0, NULL) != SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i,
SQL_C_DOUBLE, &m_ol_amount, 0, NULL) != SQL_SUCCESS
        )
            ThrowError(CODBCERR::eBindCol);
#endif

        // associate the column bindings for the second result set
        if ( SQLSetStmtAttrW( m_hstmt,
SQL_ATTR_APP_ROW_DESC, m_descNewOrderCols2,
SQL_IS_POINTER) != SQL_SUCCESS )
            ThrowError(CODBCERR::eSetStmtAttr);

```

```

        i = 0;
        if ( SQLBindCol(m_hstmt, ++i, SQL_C_DOUBLE,
&m_txn.NewOrder.w_tax, 0, NULL) != SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i,
SQL_C_DOUBLE, &m_txn.NewOrder.d_tax, 0, NULL) !=
SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i, SQL_C_SLONG,
&m_txn.NewOrder.o_id, 0, NULL) != SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i, SQL_C_CHAR,
&m_txn.NewOrder.c_last, sizeof(m_txn.NewOrder.c_last), NULL) !=
SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i,
SQL_C_DOUBLE, &m_txn.NewOrder.c_discount, 0, NULL) !=
SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i, SQL_C_CHAR,
&m_txn.NewOrder.c_credit, sizeof(m_txn.NewOrder.c_credit),
NULL) != SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i,
SQL_C_TYPE_TIMESTAMP, &m_txn.NewOrder.o_entry_d, 0,
NULL) != SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i, SQL_C_SLONG,
&m_no_commit_flag, 0, NULL) != SQL_SUCCESS
        )
            ThrowError(CODBCERR::eBindCol);
    }

void CTPCC_ODBC::NewOrder(BOOL fLocalFlag)
{
    int i;
    RETCODE rc;
    int iTryCount = 0;

    // 0 1 2
    //
    012345678901234567890123456789
    wchar_t
    szSqlTemplate[] = L" { call tpcc_neworder(?,?,?,?,?,"
        L"?,?,?,?,?,?,?,?,?,?,?,?,?,?"
        L"?,?,?,?,?,?,?,?,?,?,?,?,?,?"
        L"?,?,?,?,?,?,?,?,?,?,?,?,?,?)} ";

    m_hstmt = m_hstmtNewOrder;

    // associate the parameter and column bindings for this
transaction
    if ( SQLSetStmtAttrW( m_hstmt,
SQL_ATTR_APP_ROW_DESC, m_descNewOrderCols1,
SQL_IS_POINTER) != SQL_SUCCESS )
        ThrowError(CODBCERR::eSetStmtAttr);

    // clip statement buffer based on number of parameters
    // fixed part is 29 chars and variable part is 6 chars per line
item
    i = 29 + m_txn.NewOrder.o_ol_cnt*6;
    wcsncpy( &szSqlTemplate[i], L" )" );

    // check whether any order lines are for a remote warehouse
    m_txn.NewOrder.o_all_local = 1;
    for ( i = 0; i < m_txn.NewOrder.o_ol_cnt; i++)
    {
        if ( m_txn.NewOrder.OL[i].ol_supply_w_id !=
m_txn.NewOrder.w_id)
            {

```

```

        m_txn.NewOrder.o_all_local = 0; //
at least one remote warehouse
        break;
    }
}

while (TRUE)
{
    try
    {
        m_BindOffset = 0;
        rc = SQLExecDirectW(m_hstmt,
(SQLWCHAR*)szSqlTemplate,SQL_NTS);
        if (rc != SQL_SUCCESS && rc !=
SQL_SUCCESS_WITH_INFO)
        {
#ifdef ErrTrace
            fprintf(errFile,"NewOrder
Error\nw_id: %d\nd_id: %d\nc_id: %d\nError:\n\n",
m_txn.NewOrder.w_id,
m_txn.NewOrder.d_id,
m_txn.NewOrder.c_id);
            fflush(errFile);
#endif

            ThrowError(CODBCERR::eExecDirect);
        }
        // Get order line results
        m_txn.NewOrder.total_amount = 0;
        for (i = 0;
i < m_txn.NewOrder.o_ol_cnt; i++)
        {
#ifdef new_order_strstr
            // set the bind offset
            value...
            m_BindOffset = i *
sizeof(m_txn.NewOrder.OL[0]);

            if ( SQLFetch(m_hstmt)
== SQL_ERROR)
                ThrowError(CODBCERR::eFetch);
#else
            if ( SQLFetch(m_hstmt)
== SQL_ERROR)
                ThrowError(CODBCERR::eFetch);

            strcpy(
m_txn.NewOrder.OL[i].ol_i_name, m_ol_i_name );

            if ( strstr(m_i_data,
"ORIGINAL") != NULL && strstr(m_s_data, "ORIGINAL") != NULL
)
                m_txn.NewOrder.OL[i].ol_brand_generic[0] = 'B';
            else
                m_txn.NewOrder.OL[i].ol_brand_generic[0] = 'G';

            m_txn.NewOrder.OL[i].ol_brand_generic[1] = 0;
        }
    }
}

m_txn.NewOrder.OL[i].ol_stock
= m_ol_stock;

m_txn.NewOrder.OL[i].ol_i_price
=
m_ol_i_price;

m_txn.NewOrder.OL[i].ol_amount
=
m_ol_amount;
#endif

// move to the next
resultset
if (
SQLMoreResults(m_hstmt) == SQL_ERROR )
    ThrowError(CODBCERR::eMoreResults);

m_txn.NewOrder.total_amount += m_txn.NewOrder.OL[i].ol_amount;
}

// associate the column bindings for
the second result set
if ( SQLSetStmtAttrW( m_hstmt,
SQL_ATTR_APP_ROW_DESC, m_descNewOrderCols2,
SQL_IS_POINTER ) != SQL_SUCCESS )
    ThrowError(CODBCERR::eSetStmtAttr);

if ( SQLFetch(m_hstmt) ==
SQL_ERROR)
    ThrowError(CODBCERR::eFetch);

SQLFreeStmt(m_hstmt,
SQL_CLOSE);

if (m_no_commit_flag == 1)
{
    m_txn.NewOrder.total_amount *= ((1 + m_txn.NewOrder.w_tax +
m_txn.NewOrder.d_tax) * (1 - m_txn.NewOrder.c_discount));

    m_txn.NewOrder.exec_status_code = eOK;
}
else
    m_txn.NewOrder.exec_status_code = eInvalidItem;

break;
}
catch (CODBCERR *e)
{
    if (!(e->m_bDeadLock) ||
(++iTryCount > iMaxRetries))
        throw;

    // hit deadlock; backoff for
increasingly longer period
    delete e;
    Sleep(10 * iTryCount);
}

//
if (iTryCount)
//
throw new

```

```

CTPCC_ODBC_ERR(CTPCC_ODBC_ERR::ERR_RETRIED_TRAN
S, iTryCount);
}

void CTPCC_ODBC::InitPaymentParams()
{
    if ( SQLAllocHandle(SQL_HANDLE_STMT,m_hdbc,
&m_hstmtPayment) != SQL_SUCCESS )
        ThrowError(CODBCERR::eAllocHandle);

    m_hstmt = m_hstmtPayment;

    int i = 0;
    if ( SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_SLONG,SQL_INTEGER,0,0,
&m_txn.Payment.w_id,0,NULL) != SQL_SUCCESS
        || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_SLONG,SQL_INTEGER,0,0,
&m_txn.Payment.c_w_id,0,NULL) != SQL_SUCCESS
        || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_DOUBLE,SQL_NUMERIC,6,2,
&m_txn.Payment.h_amount,0,NULL) != SQL_SUCCESS
        || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_UTINYINT,SQL_TINYINT,0,0,
&m_txn.Payment.d_id,0,NULL) != SQL_SUCCESS
        || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_UTINYINT,SQL_TINYINT,0,0,
&m_txn.Payment.c_d_id,0,NULL) != SQL_SUCCESS
        || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_SLONG,SQL_INTEGER,0,0,
&m_txn.Payment.c_id,0,NULL) != SQL_SUCCESS
        || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_CHAR,SQL_CHAR,
sizeof(m_txn.Payment.c_last),0,&m_txn.Payment.c_last,
sizeof(m_txn.Payment.c_last),NULL) != SQL_SUCCESS
    )
        ThrowError(CODBCERR::eBindParam);

    i = 0;
    if ( SQLBindCol(m_hstmt, ++i,SQL_C_SLONG,
&m_txn.Payment.c_id,0,NULL) !=
SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.c_last,
sizeof(m_txn.Payment.c_last),NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,
SQL_C_TYPE_TIMESTAMP,&m_txn.Payment.h_date,
0,NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.w_street_1, sizeof(m_txn.Payment.w_street_1),
NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.w_street_2, sizeof(m_txn.Payment.w_street_2),
NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.w_city,
sizeof(m_txn.Payment.w_city),NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.w_state,
sizeof(m_txn.Payment.w_state),NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.w_zip,
sizeof(m_txn.Payment.w_zip),NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.d_street_1, sizeof(m_txn.Payment.d_street_1),
NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.d_street_2, sizeof(m_txn.Payment.d_street_2),
NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.d_city,
sizeof(m_txn.Payment.d_city),NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.d_state,
sizeof(m_txn.Payment.d_state),NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.d_zip,
sizeof(m_txn.Payment.d_zip),NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.c_first,
sizeof(m_txn.Payment.c_first),NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.c_middle, sizeof(m_txn.Payment.c_middle),
NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.c_street_1, sizeof(m_txn.Payment.c_street_1),
NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.c_street_2, sizeof(m_txn.Payment.c_street_2),
NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.c_city,
sizeof(m_txn.Payment.c_city),NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.c_state,
sizeof(m_txn.Payment.c_state),NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.c_zip,
sizeof(m_txn.Payment.c_zip),NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.c_phone,
sizeof(m_txn.Payment.c_phone),NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,
SQL_C_TYPE_TIMESTAMP,&m_txn.Payment.c_since,
0,NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.c_credit, sizeof(m_txn.Payment.c_credit),
NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,
SQL_C_DOUBLE, &m_txn.Payment.c_credit_lim,0,NULL) !=
SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,
SQL_C_DOUBLE, &m_txn.Payment.c_discount, 0,NULL) !=
SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,
SQL_C_DOUBLE, &m_txn.Payment.c_balance, 0,NULL) !=
SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,SQL_C_CHAR,
&m_txn.Payment.c_data,
sizeof(m_txn.Payment.c_data),NULL) != SQL_SUCCESS
    )
        ThrowError(CODBCERR::eBindCol);
}

void CTPCC_ODBC::Payment(BOOL fLocalFlag)
{
    RETCODE rc;
    int iTryCount = 0;

    m_hstmt = m_hstmtPayment;

    if (m_txn.Payment.c_id != 0)
        m_txn.Payment.c_last[0] = 0;
}

```



```

        while (TRUE)
        {
            try
            {
                rc = SQLExecDirectW(m_hstmt,
(SQLWCHAR*)"L"{call tpcc_payment(?,?,?,?,?)", SQL_NTS);
                if (rc != SQL_SUCCESS && rc !=
SQL_SUCCESS_WITH_INFO)
                {
#ifdef ErrTrace
                    fprintf(errFile,"Payment
Error\n w_id: %d\nc_w_id: %d\nc_id: %d\nc_last: %s\nd_id:
%d\nc_d_id: %d\nError:\n",

m_txn.Payment.w_id,

m_txn.Payment.c_w_id,

m_txn.Payment.c_id,

m_txn.Payment.c_last,

m_txn.Payment.d_id,

m_txn.Payment.c_d_id);

                    fflush(errFile);

#endif

                ThrowError(CODBCERR::eExecDirect);
            }
            if ( SQLFetch(m_hstmt) ==
SQL_ERROR)

                ThrowError(CODBCERR::eFetch);

                SQLFreeStmt(m_hstmt,
SQL_CLOSE);

                if (m_txn.Payment.c_id == 0)
                    throw new
CTPCC_ODBC_ERR( CTPCC_ODBC_ERR::ERR_INVALID_CUST
);
                else

                    m_txn.Payment.exec_status_code = eOK;

                    break;
                }
            catch (CODBCERR *e)
            {
                if (!(e->m_bDeadLock) ||
(++iTryCount > iMaxRetries))

                    throw;

                // hit deadlock; backoff for
increasingly longer period

                delete e;
                Sleep(10 * iTryCount);
            }
        }

        // if (iTryCount)
        // throw new

CTPCC_ODBC_ERR(CTPCC_ODBC_ERR::ERR_RETRIED_TRAN
S, iTryCount);

```

```

    }

void CTPCC_ODBC::InitOrderStatusParams()
{
    if ( SQLAllocHandle(SQL_HANDLE_STMT,m_hdbc,
&m_hstmtOrderStatus) != SQL_SUCCESS
        || SQLAllocHandle(SQL_HANDLE_DESC,
m_hdbc, &m_descOrderStatusCols1) != SQL_SUCCESS
        || SQLAllocHandle(SQL_HANDLE_DESC,
m_hdbc, &m_descOrderStatusCols2) != SQL_SUCCESS
    )
        ThrowError(CODBCERR::eAllocHandle);

    m_hstmt = m_hstmtOrderStatus;

    if ( SQLSetStmtAttrW(m_hstmt,
SQL_ATTR_APP_ROW_DESC, m_descOrderStatusCols1,
SQL_IS_POINTER) != SQL_SUCCESS )
        ThrowError(CODBCERR::eSetStmtAttr);

    int i = 0;
    if ( SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_SLONG,SQL_INTEGER,0,0,
&m_txn.OrderStatus.w_id, 0, NULL) != SQL_SUCCESS
        || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_UTINYINT,SQL_TINYINT,0,0,
&m_txn.OrderStatus.d_id, 0, NULL) != SQL_SUCCESS
        || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_SLONG,SQL_INTEGER,0,0,
&m_txn.OrderStatus.c_id, 0, NULL) != SQL_SUCCESS
        || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_CHAR,SQL_CHAR,
sizeof(m_txn.OrderStatus.c_last), 0, &m_txn.OrderStatus.c_last,
sizeof(m_txn.OrderStatus.c_last), NULL) != SQL_SUCCESS
    )
        ThrowError(CODBCERR::eBindParam);

    // configure block cursor
    if ( SQLSetStmtAttrW(m_hstmt,
SQL_ATTR_ROW_BIND_TYPE,
(SQLPOINTER)sizeof(m_txn.OrderStatus.OL[0]),0) !=
SQL_SUCCESS
        || SQLSetStmtAttrW(m_hstmt,
SQL_ATTR_ROWS_FETCHED_PTR, &m_RowsFetched, 0) !=
SQL_SUCCESS
    )
        ThrowError(CODBCERR::eSetStmtAttr);

    i = 0;
    if ( SQLBindCol(m_hstmt, ++i, SQL_C_SLONG,
&m_txn.OrderStatus.OL[0].ol_supply_w_id, 0, NULL) !=
SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i, SQL_C_SLONG,
&m_txn.OrderStatus.OL[0].ol_i_id, 0, NULL) != SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,
SQL_C_SSHORT, &m_txn.OrderStatus.OL[0].ol_quantity, 0, NULL)
!= SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,
SQL_C_DOUBLE, &m_txn.OrderStatus.OL[0].ol_amount, 0, NULL)
!= SQL_SUCCESS
        || SQLBindCol(m_hstmt, ++i,
SQL_C_TYPE_TIMESTAMP,
&m_txn.OrderStatus.OL[0].ol_delivery_d, 0, NULL) !=
SQL_SUCCESS
    )
        ThrowError(CODBCERR::eBindCol);

```

```

        if ( SQLSetStmtAttrW(m_hstmt,
SQL_ATTR_APP_ROW_DESC, m_descOrderStatusCols2,
SQL_IS_POINTER) != SQL_SUCCESS )
            ThrowError(CODBCERR::eSetStmtAttr);

        i = 0;
        if ( SQLBindCol(m_hstmt, ++i, SQL_C_SLONG,
&m_txn.OrderStatus.c_id, 0, NULL) != SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i, SQL_C_CHAR,
&m_txn.OrderStatus.c_last, sizeof(m_txn.OrderStatus.c_last), NULL)
!= SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i, SQL_C_CHAR,
&m_txn.OrderStatus.c_first, sizeof(m_txn.OrderStatus.c_first), NULL)
!= SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i, SQL_C_CHAR,
&m_txn.OrderStatus.c_middle, sizeof(m_txn.OrderStatus.c_middle),
NULL) != SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i,
SQL_C_TYPE_TIMESTAMP, &m_txn.OrderStatus.o_entry_d, 0,
NULL) != SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i,
SQL_C_SSHORT, &m_txn.OrderStatus.o_carrier_id, 0, NULL) !=
SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i,
SQL_C_DOUBLE, &m_txn.OrderStatus.c_balance, 0, NULL) !=
SQL_SUCCESS
            || SQLBindCol(m_hstmt, ++i, SQL_C_SLONG,
&m_txn.OrderStatus.o_id, 0, NULL) != SQL_SUCCESS
        )
            ThrowError(CODBCERR::eBindCol);
    }

void CTPCC_ODBC::OrderStatus()
{
    int
iTryCount = 0;
    RETCODE
rc;

    m_hstmt = m_hstmtOrderStatus;

    if ( SQLSetStmtAttrW(m_hstmt,
SQL_ATTR_APP_ROW_DESC, m_descOrderStatusCols1,
SQL_IS_POINTER) != SQL_SUCCESS )
        ThrowError(CODBCERR::eSetStmtAttr);

    if (m_txn.OrderStatus.c_id != 0)
        m_txn.OrderStatus.c_last[0] = 0;

    while (TRUE)
    {
        try
        {
            // configure block cursor
            if ( SQLSetStmtAttrW(m_hstmt,
SQL_ATTR_ROW_ARRAY_SIZE, (SQLPOINTER)1, 0) !=
SQL_SUCCESS )

                ThrowError(CODBCERR::eSetStmtAttr);

            rc = SQLExecDirectW(m_hstmt,
(SQLWCHAR*)" {call tpcc_orderstatus(?,?,?)}", SQL_NTS);
            if ( ((rc ==
SQL_SUCCESS_WITH_INFO) && (m_RowsFetched != 0)) || (rc ==
SQL_ERROR) )
                {
#ifdef ErrTrace

```

```

                fprintf(errFile, "Order
Status\n w_id: %d\nc_id: %d\nc_last: %s\nd_id: %d\nError:\n",
m_txn.OrderStatus.w_id,
m_txn.OrderStatus.c_id,
m_txn.OrderStatus.c_last,
m_txn.OrderStatus.d_id);

                fflush(errFile);
            #endif

            ThrowError(CODBCERR::eExecDirect);
        }

        // configure block cursor
        if ( SQLSetStmtAttrW(m_hstmt,
SQL_ATTR_ROW_ARRAY_SIZE,
(SQLPOINTER)MAX_OL_ORDER_STATUS_ITEMS, 0) !=
SQL_SUCCESS )

            ThrowError(CODBCERR::eSetStmtAttr);

            rc = SQLFetchScroll( m_hstmt,
SQL_FETCH_NEXT, 0 );
            if ( ((rc ==
SQL_SUCCESS_WITH_INFO) && (m_RowsFetched != 0)) || (rc ==
SQL_ERROR) )

                ThrowError(CODBCERR::eFetchScroll);

                m_txn.OrderStatus.o_ol_cnt =
(short)m_RowsFetched;

                if (m_txn.OrderStatus.o_ol_cnt != 0)
                {
                    if ( SQLSetStmtAttrW(
m_hstmt, SQL_ATTR_APP_ROW_DESC, m_descOrderStatusCols2,
SQL_IS_POINTER) != SQL_SUCCESS )

                        ThrowError(CODBCERR::eSetStmtAttr);

                    if (
SQLMoreResults(m_hstmt) == SQL_ERROR )

                        ThrowError(CODBCERR::eMoreResults);

                    if ( (rc =
SQLFetch(m_hstmt)) == SQL_ERROR )

                        ThrowError(CODBCERR::eFetch);
                }

                SQLFreeStmt(m_hstmt,
SQL_CLOSE);

                if (m_txn.OrderStatus.o_ol_cnt == 0)
                    throw new
CTPCC_ODBC_ERR(
CTPCC_ODBC_ERR::ERR_NO_SUCH_ORDER );
                else if (m_txn.OrderStatus.c_id == 0
&& m_txn.OrderStatus.c_last[0] == 0)
                    throw new
CTPCC_ODBC_ERR( CTPCC_ODBC_ERR::ERR_INVALID_CUST
);

```

```

                else
m_txn.OrderStatus.exec_status_code = eOK;

                break;
            }
            catch (CODBCERR *e)
            {
                if (!(e->m_bDeadLock) ||
(++iTryCount > iMaxRetries))
                    throw;

                // hit deadlock; backoff for
                // increasingly longer period
                delete e;
                Sleep(10 * iTryCount);
            }
        }

//        if (iTryCount)
//            throw new

CTPCC_ODBC_ERR(CTPCC_ODBC_ERR::ERR_RETRIED_TRAN
S, iTryCount);
}

void CTPCC_ODBC::InitDeliveryParams()
{
    if ( SQLAllocHandle(SQL_HANDLE_STMT,m_hdbc,
&m_hstmtDelivery) != SQL_SUCCESS )
        ThrowError(CODBCERR::eAllocHandle);

    m_hstmt = m_hstmtDelivery;

    int i = 0;
    if ( SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_SLONG,SQL_INTEGER,0,0,
&m_txn.Delivery.w_id,0, NULL) != SQL_SUCCESS
        || SQLBindParameter(m_hstmt, ++i,
SQL_PARAM_INPUT,SQL_C_SSHORT,SQL_SMALLINT,0,0,
&m_txn.Delivery.o_carrier_id,0, NULL) != SQL_SUCCESS
        )
        ThrowError(CODBCERR::eBindParam);

    for (i=0;i<10;i++)
    {
        if ( SQLBindCol(m_hstmt, (UWORD)(i+1),
SQL_C_SLONG, &m_txn.Delivery.o_id[i], 0, NULL) !=
SQL_SUCCESS )

        ThrowError(CODBCERR::eBindCol);
    }
}

void CTPCC_ODBC::Delivery()
{
    RETCODE                rc;
    int                    iTryCount = 0;

    m_hstmt = m_hstmtDelivery;

    while (TRUE)
    {
        try
        {
            rc = SQLExecDirectW(m_hstmt,
(SQLWCHAR*)L"{call tpcc_delivery(?,?)", SQL_NTS);

```

```

                if (rc != SQL_SUCCESS && rc !=
SQL_SUCCESS_WITH_INFO)
                    ThrowError(CODBCERR::eExecDirect);

                if ( SQLFetch(m_hstmt) ==
SQL_ERROR )
                    ThrowError(CODBCERR::eFetch);

                SQLFreeStmt(m_hstmt,
SQL_CLOSE);
                m_txn.Delivery.exec_status_code =
eOK;
                break;
            }
            catch (CODBCERR *e)
            {
                if (!(e->m_bDeadLock) ||
(++iTryCount > iMaxRetries))
                    throw;

                // hit deadlock; backoff for
                // increasingly longer period
                delete e;
                Sleep(10 * iTryCount);
            }
        }

//        if (iTryCount)
//            throw new

CTPCC_ODBC_ERR(CTPCC_ODBC_ERR::ERR_RETRIED_TRAN
S, iTryCount);
}

tpcc_odbc.h

/*        FILE:                TPCC_ODBC.H
*                                Microsoft TPC-C Kit Ver.
4.20.000
*                                Copyright Microsoft,
1999
*        All Rights Reserved
*
*                                Version 4.10.000 audited
by Richard Gimarc, Performance Metrics, 3/17/99
*
*        PURPOSE:                Header file for TPC-C txn class
implementation.
*
*        Change history:
*                                4.20.000 - updated rev number to match kit
*/
#pragma once

// need to declare functions for import, unless define has already been
created
// by the DLL's .cpp module for export.
#ifdef DllDecl
#define DllDecl __declspec( dllimport )
#endif

class CODBCERR : public CBaseErr
{
public:

```

```

enum ACTION
{
    eNone,
    eUnknown,
    eAllocConn,
// error from SQLAllocConnect
    eAllocHandle,
error from SQLAllocHandle
    eConnOption,
error from SQLSetConnectOption
    eConnect,
error from SQLConnect
    eAllocStmt,
// error from SQLAllocStmt
    eExecDirect,
error from SQLExecDirect
    eBindParam,
// error from SQLBindParameter
    eBindCol,
error from SQLBindCol
    eFetch,
// error from SQLFetch
    eFetchScroll,
error from SQLFetchScroll
    eMoreResults,
error from SQLMoreResults
    ePrepare,
error from SQLPrepare
    eExecute,
error from SQLExecute
    eSetEnvAttr,
error from SQLSetEnvAttr
    eSetStmtAttr,
error from SQLSetStmtAttr
};

CODBCERR(void)
{
    m_eAction = eNone;
    m_NativeError = 0;
    m_bDeadLock = FALSE;
    m_odbcerrstr = NULL;
};

~CODBCERR()
{
    if (m_odbcerrstr != NULL)
        delete [] m_odbcerrstr;
};

ACTION m_eAction;
int m_NativeError;
BOOL m_bDeadLock;
char *m_odbcerrstr;

int ErrorType() {return ERR_TYPE_ODBC;};
int ErrorNum() {return m_NativeError;};
char *ErrorText() {return m_odbcerrstr;};
};

class CTPCC_ODBC_ERR : public CBaseErr
{
public:
    enum TPCC_ODBC_ERRS
    {
        ERR_WRONG_SP_VERSION = 1,
// "Wrong version of stored procs on database server"

        ERR_INVALID_CUST,
// "Invalid Customer id,name."
        ERR_NO_SUCH_ORDER,
// "No orders found for customer."
        ERR_RETRIED_TRANS,
// "Retries before transaction succeeded."
    };

    CTPCC_ODBC_ERR( int iErr ) { m_erno =
iErr; m_iTryCount = 0; };

    CTPCC_ODBC_ERR( int iErr, int iTryCount ) {
m_erno = iErr; m_iTryCount = iTryCount; };

    int m_erno;
    int m_iTryCount;

    int ErrorType() {return
ERR_TYPE_TPCC_ODBC;};
    int ErrorNum() {return m_erno;};

    char *ErrorText();
};

class DllDecl CTPCC_ODBC : public CTPCC_BASE
{
private:
// declare variables and private functions here...
    BOOL m_bDeadlock;
// transaction was selected as deadlock victim
    int m_MaxRetries;
// retry count on deadlock

    SQLHENV m_henv;
// ODBC environment handle
    SQLHDBC m_hdbc;
    SQLHSTMT m_hstmt;
// the current hstmt

    SQLHSTMT m_hstmtNewOrder;
    SQLHSTMT m_hstmtPayment;
    SQLHSTMT m_hstmtDelivery;
    SQLHSTMT m_hstmtOrderStatus;
    SQLHSTMT m_hstmtStockLevel;

    SQLHDESC m_descNewOrderCols1;
    SQLHDESC m_descNewOrderCols2;
    SQLHDESC m_descOrderStatusCols1;
    SQLHDESC m_descOrderStatusCols2;

// new-order specific fields
    SQLINTEGER m_BindOffset;
    SQLINTEGER m_RowsFetched;
    int
m_no_commit_flag;
#ifdef new_order_strstr
// for new-order txn;
// output params
    char
m_ol_i_name[I_NAME_LEN+1];
    double m_ol_i_price;
    double m_ol_amount;
    short m_ol_stock;
// used locally, but not returned to caller
    char m_i_data[I_DATA_LEN];
    char
m_s_data[S_DATA_LEN];
#endif
};

```

```

#endif
void ThrowError( CODBCERR::ACTION
eAction );

void InitNewOrderParams();
void InitPaymentParams();
void InitDeliveryParams();
void InitStockLevelParams();
void InitOrderStatusParams();

union
{
    NEW_ORDER_DATA
NewOrder;
    PAYMENT_DATA
Payment;
    DELIVERY_DATA
Delivery;
    STOCK_LEVEL_DATA
StockLevel;
    ORDER_STATUS_DATA
OrderStatus;
} m_txn;

public:
    CTPCC_ODBC(LPCSTR szServer, LPCSTR
szUser, LPCSTR szPassword, LPCSTR szHost, LPCSTR szDatabase);
    ~CTPCC_ODBC(void);

    inline PNEW_ORDER_DATA
BuffAddr_NewOrder() { return
&m_txn.NewOrder; };
    inline PPAYMENT_DATA
BuffAddr_Payment() { return &m_txn.Payment; };
    inline PDELIVERY_DATA
BuffAddr_Delivery() { return &m_txn.Delivery; };
    inline PSTOCK_LEVEL_DATA
BuffAddr_StockLevel() { return &m_txn.StockLevel; };
    inline PORORDER_STATUS_DATA
BuffAddr_OrderStatus() { return &m_txn.OrderStatus; };

    void NewOrder (BOOL
fLocalFlag);
    void Payment (BOOL
fLocalFlag);
    void Delivery ();
    void StockLevel ();
    void OrderStatus ();

};

// wrapper routine for class constructor
extern "C" DllDecl CTPCC_ODBC* CTPCC_ODBC_new
(LPCSTR szServer, LPCSTR szUser, LPCSTR
szPassword, LPCSTR szHost, LPCSTR szDatabase );

typedef CTPCC_ODBC* (TYPE_CTPCC_ODBC)(LPCSTR,
LPCSTR, LPCSTR, LPCSTR, LPCSTR);

trans.h

/* FILE: TRANS.H
* Microsoft TPC-C Kit Ver.
4.30.002

```

```

* Copyright Microsoft,
1999
* All Rights Reserved
*
* Version 4.10.000 audited
by Richard Gimarc, Performance Metrics, 3/17/99
*
* PURPOSE: Header file for TPC-C structure
templates.
*
* Change history:
* 4.30.002 - changed w_id from short to long to
support warehouses above 32,767
* 4.20.000 - updated rev number to match kit
*/
#pragma once

// String length constants
#define SERVER_NAME_LEN 20
#define DATABASE_NAME_LEN 20
#define USER_NAME_LEN 20
#define PASSWORD_LEN 20
#define TABLE_NAME_LEN 20
#define I_DATA_LEN 50
#define I_NAME_LEN 24
#define BRAND_LEN 1
#define LAST_NAME_LEN 16
#define W_NAME_LEN 10
#define ADDRESS_LEN 20
#define STATE_LEN 2
#define ZIP_LEN 9
#define S_DIST_LEN 24
#define S_DATA_LEN 50
#define D_NAME_LEN 10
#define FIRST_NAME_LEN 16
#define MIDDLE_NAME_LEN 2
#define PHONE_LEN 16
#define DATETIME_LEN 30
#define CREDIT_LEN 2
#define C_DATA_LEN 250
#define H_DATA_LEN 24
#define DIST_INFO_LEN 24
#define MAX_OL_NEW_ORDER_ITEMS 15
#define MAX_OL_ORDER_STATUS_ITEMS 15
#define STATUS_LEN 25
#define OL_DIST_INFO_LEN 24

// TIMESTAMP_STRUCT is provided by the ODBC header file
sqltypes.h, but is not available
// when compiling with dblib, so redefined here. Note: we are using
the symbol "__SQLTYPES"
// (declared in sqltypes.h) as a way to determine if
TIMESTAMP_STRUCT has been declared.
#ifndef __SQLTYPES
typedef struct
{
    short /*
SQLSMALLINT*/ year;
    unsigned short /*
SQLUSMALLINT*/ month;
    unsigned short /*
SQLUSMALLINT*/ day;
    unsigned short /*
SQLUSMALLINT*/ hour;
    unsigned short /*
SQLUSMALLINT*/ minute;
    unsigned short /*
SQLUSMALLINT*/ second;

```

```

                unsigned long      /*
SQLINTEGER */ fraction;
    } TIMESTAMP_STRUCT;
#endif

// possible values for exec_status_code after transaction completes
enum EXEC_STATUS
{
    eOK,                // 0      "Transaction
committed."
    eInvalidItem,      // 1      "Item number is not
valid."
    eDeliveryFailed    // 2      "Delivery Post Failed."
};

// transaction structures
typedef struct
{
    // input params
    long
ol_supply_w_id;
    long                ol_i_id;
    short               ol_quantity;

    // output params
    char
ol_i_name[I_NAME_LEN+1];
    char
ol_brand_generic[BRAND_LEN+1];
    double              ol_i_price;
    double              ol_amount;
    short               ol_stock;
} OL_NEW_ORDER_DATA;

typedef struct
{
    // input params
    long                w_id;
    short               d_id;
    long                c_id;
    short               o_ol_cnt;

    // output params
    EXEC_STATUS
exec_status_code;
    char                c_last[LAST_NAME_LEN+1];
    char                c_credit[CREDIT_LEN+1];
    double              c_discount;
    double              w_tax;
    double              d_tax;
    long                o_id;
    short

o_commit_flag;
    TIMESTAMP_STRUCT   o_entry_d;
    short              o_all_local;
    double              total_amount;
    OL_NEW_ORDER_DATA
OL[MAX_OL_NEW_ORDER_ITEMS];
} NEW_ORDER_DATA, *PNEW_ORDER_DATA;

typedef struct
{
    // input params
    long                w_id;
    short               d_id;
    long                c_id;
    short               c_d_id;
    long                c_w_id;
    double              h_amount;

```

```

    char                c_last[LAST_NAME_LEN+1];

    // output params
    EXEC_STATUS
exec_status_code;
    TIMESTAMP_STRUCT   h_date;
    char
w_street_1[ADDRESS_LEN+1];
    char
w_street_2[ADDRESS_LEN+1];
    char
w_city[ADDRESS_LEN+1];
    char
w_state[STATE_LEN+1];
    char                w_zip[ZIP_LEN+1];
    char
d_street_1[ADDRESS_LEN+1];
    char
d_street_2[ADDRESS_LEN+1];
    char
d_city[ADDRESS_LEN+1];
    char                d_state[STATE_LEN+1];
    char                d_zip[ZIP_LEN+1];
    char
c_first[FIRST_NAME_LEN+1];
    char
c_middle[MIDDLE_NAME_LEN + 1];
    char
c_street_1[ADDRESS_LEN+1];
    char
c_street_2[ADDRESS_LEN+1];
    char
c_city[ADDRESS_LEN+1];
    char                c_state[STATE_LEN+1];
    char                c_zip[ZIP_LEN+1];
    char
c_phone[PHONE_LEN+1];
    TIMESTAMP_STRUCT   c_since;
    char
c_credit[CREDIT_LEN+1];
    double              c_credit_lim;
    double              c_discount;
    double              c_balance;
    char                c_data[200+1];
} PAYMENT_DATA, *PPAYMENT_DATA;

typedef struct
{
    long                ol_i_id;
    long                ol_supply_w_id;
    short               ol_quantity;
    double              ol_amount;
    TIMESTAMP_STRUCT   ol_delivery_d;
} OL_ORDER_STATUS_DATA;

typedef struct
{
    // input params
    long                w_id;
    short               d_id;
    long                c_id;
    char                c_last[LAST_NAME_LEN+1];

    // output params
    EXEC_STATUS
exec_status_code;
    char                c_first[FIRST_NAME_LEN+1];
    char                c_middle[MIDDLE_NAME_LEN+1];
    double              c_balance;

```

```

        long        o_id;
        TIMESTAMP_STRUCT    o_entry_d;
        short       o_carrier_id;
        OL_ORDER_STATUS_DATA
OL[MAX_OL_ORDER_STATUS_ITEMS];
        short       o_ol_cnt;
    } ORDER_STATUS_DATA, *PORDER_STATUS_DATA;

typedef struct
{
    // input params
    long        w_id;
    short       o_carrier_id;

    // output params
    EXEC_STATUS
exec_status_code;
    SYSTEMTIME    queue_time;
    long        o_id[10];
// id's of delivered orders for districts 1 to 10
} DELIVERY_DATA, *PDELIVERY_DATA;

//This structure is used for posting delivery transactions and for writing
them to the delivery server.
typedef struct _DELIVERY_TRANSACTION
{
    SYSTEMTIME    queue;
//time delivery transaction queued
    long        w_id;
//delivery warehouse
    short       o_carrier_id;    //carrier id
} DELIVERY_TRANSACTION;

typedef struct
{
    // input params
    long        w_id;
    short       d_id;
    short       threshold;

    // output params
    EXEC_STATUS
exec_status_code;
    long        low_stock;
} STOCK_LEVEL_DATA, *PSTOCK_LEVEL_DATA;

```

txn_base.h

```

/*      FILE:          TXN_BASE.H
*
*      Microsoft TPC-C Kit Ver.
4.20.000
*
*      Copyright Microsoft,
1999
*      All Rights Reserved
*
*      Version 4.10.000 audited
by Richard Gimarc, Performance Metrics, 3/17/99
*
*      PURPOSE:      Header file for TPC-C txn class
implementation.
*
*      Change history:
*      4.20.000 - updated rev number to match kit
*/

#pragma once

```

```

// need to declare functions for import, unless define has already been
created
// by the DLL's .cpp module for export.
#ifdef DllDecl
#define DllDecl __declspec( dllimport )
#endif

class DllDecl CTPCC_BASE
{
    public:
        CTPCC_BASE(void) {} ;
        virtual ~CTPCC_BASE(void) {} ;

        virtual PNEW_ORDER_DATA
BuffAddr_NewOrder()    = 0;
        virtual PPAYMENT_DATA
BuffAddr_Payment()    = 0;
        virtual PDELIVERY_DATA
BuffAddr_Delivery()    = 0;
        virtual PSTOCK_LEVEL_DATA
BuffAddr_StockLevel()    = 0;
        virtual PORDER_STATUS_DATA
BuffAddr_OrderStatus()    = 0;
// virtual void NewOrder            () =
0;
        virtual void NewOrder
(BOOL fLocal) = 0;
// virtual void Payment            () = 0;
        virtual void Payment            (BOOL fLocal)
= 0;
        virtual void Delivery            () = 0;
        virtual void StockLevel            () =
0;
        virtual void OrderStatus            () = 0;
};

```

txnlog.h

```

/*      FILE:          TXNLOG.H
*
*      Microsoft TPC-C Kit Ver.
4.10.000
*
*      not yet audited
*
*      PURPOSE:      Header file for txn log class
*
*      Copyright Microsoft,
1999
*      All Rights Reserved
*
*/

#pragma once

typedef struct _TXN_NEWORDER
{
    BYTE        OL_Count;    //range 0 to 31
    BYTE        OL_Remote_Count; //range 0 to 31
    WORD        c_id;
    int         o_id;
} TXN_NEWORDER;

typedef struct _TXN_PAYMENT
{
    BYTE        CustByName;
    BYTE        IsRemote;
} TXN_PAYMENT;

```

```

typedef struct _TXN_ORDERSTATUS
{
    BYTE    CustByName;
} TXN_ORDERSTATUS;

typedef union _TXN_DETAILS
{
    TXN_NEWORDER  NewOrder;
    TXN_PAYMENT   Payment;
    TXN_ORDERSTATUS  OrderStatus;
} TXN_DETAILS;

// Common header for all records in txn log. The TxnType
field is // a switch which identifies the particular variant.
// #define TXN_REC_TYPE_CONTROL 1
// #define TXN_REC_TYPE_TPCC 2
// replaces TRANSACTION_TYPE_TPCC
// #define TXN_REC_TYPE_TPCC_DELIV_DEF 3

typedef struct _TXN_RECORD_HEADER
{
    JULIAN_TIME    TxnStartT0;
// start of txn
    BYTE    TxnType;
// one of TXN_REC_TYPE_*
    BYTE    TxnSubType;
// depends on TxnType
} TXN_RECORD_HEADER,
*PTXN_RECORD_HEADER;

typedef struct _TXN_RECORD_CONTROL
{
    // common header; must exactly match
    TXN_RECORD_HEADER
    JULIAN_TIME    TxnStartT0;
// start of txn
    BYTE    TxnType;
// TXN_REC_TYPE_CONTROL
    BYTE    TxnSubType;
// depends on TxnType
// end of common header

    DWORD    Len;
// number of bytes after this field
} TXN_RECORD_CONTROL,
*PTXN_RECORD_CONTROL;

// TPC-C Txn Record Layout:
//
//TxnStartT0' is a Julian timestamp corresponding to the moment
the
//txn is sent to the SUT, i.e., beginning of response time. Deltas
//are in milliseconds. Note that if RTDelay > 0, then the txn was
//delayed by this amount. The delay occurs at the beginning of the
//response time. So if RTDelay > 0, then the txn was actually sent
//at TxnStartT0 + RTDelay.
//
//Graphically:
//
// time -->
//
// |--- Menu ---|--- Keying ---|--- Response ---|--- Think ---|
// <- DeltaT1 -> <- DeltaT2 -> <- DeltaT4 -> <- DeltaT3 ->

```

```

//
// ^
// ^ TxnStartT0
//
//RTDelay is the amount of response time delay included in DeltaT4.
//RTDelay is recorded per txn because this value can be changed on
//the fly, and so may vary from txn to txn.
//
//TxnStatus is the txn completion code. It is used to indicate errors.
//For example, in the New Order txn, 1% of txns abort. TxnStatus
will
//reflect this.

typedef struct _TXN_RECORD_TPCC
{
    // common header; must exactly match
    TXN_RECORD_HEADER
    JULIAN_TIME    TxnStartT0;
// start of txn
    BYTE    TxnType;
// =
    TXN_REC_TYPE_TPCC
    BYTE    TxnSubType;
// depends on TxnType
// end of common header

    int    DeltaT1;
// menu time
    int    DeltaT2;
// keying time
    int    DeltaT3;
// think time
    int    DeltaT4;
// response
    int    RTDelay;
// response
    int    TxnError;
// error code providing more detail for TxnStatus
    int    w_id;
// warehouse ID
    BYTE    d_id;
// assigned district ID for this thread
    BYTE    d_id_ThisTxn;
// district ID
    BYTE    TxnStatus;
// completion
    BYTE    reserved;
// status for txn to indicate errors
// for word
    TXN_DETAILS    TxnDetails;
// alignment
} TXN_RECORD_TPCC, *PTXN_RECORD_TPCC;

// TPC-C Deferred Delivery Txn Record Layout:
//
//Incorporating delivery transaction information into the above
//structure would increase the size of TXN_DETAILS from
8 to 42 bytes.
//Hence, we store delivery transaction details in a separate structure.
//
typedef struct _TXN_RECORD_TPCC_DELIV_DEF
{
    // common header; must exactly match
    TXN_RECORD_HEADER
    JULIAN_TIME    TxnStartT0;
// start of txn
    BYTE    TxnType;
// =
    TXN_REC_TYPE_TPCC_DELIV_DEF
    BYTE    TxnSubType;
// = 0
// end of common header

```



```

int DeltaT4; // response
time (ms)
int DeltaTxnExec; //
execution time (ms)
int w_id;
// warehouse ID
BYTE TxnStatus; // completion
status for txn to indicate errors
BYTE reserved; // for word
alignment
short o_carrier_id; // carrier id
long o_id[10]; // returned
delivery transaction ids
} TXN_RECORD_TPCC_DELIV_DEF,
*PTXN_RECORD_TPCC_DELIV_DEF;

#define TXN_LOG_VERSION 2
#define TXN_DATA_START 4096 //
offset in log file where log records start
#define TXN_LOG_EYE_CATCHER "BC" //
signature bytes at the start of log file

// The transaction log has a header as the first 4K block.
//
typedef struct _TXN_LOG_HEADER
{
char EyeCatcher[2];
// signature bytes; should always be "BC"
int
LogVersion; // set to TXN_LOG_VERSION
JULIAN_TIME BeginTxnTS;
// timestamp of first (lowest) txn start
JULIAN_TIME EndTxnTS;
// timestamp of last (highest) txn completion time
int
iRecCount; // number of records in log file
BOOL bLogSorted;
int
iFileSize; // file size in bytes

// the record map provides a fast way to get close
to a particular timestamp in a sorted log file.
//
//
//
// JULIAN_TIME TS;
// timestamp of record
//
// int
iPos; // byte position in file
//
// }
RecMap[RecMapSize];
//#define RecMapSize 200
} TXN_LOG_HEADER, *PTXN_LOG_HEADER;

#define READ_BUFFER_SIZE 64*1024
#define WRITE_BUFFER_SIZE 8*1024

#define NUM_READ_BUFFERS 1
#define NUM_WRITE_BUFFERS 2
#define MAX_NUM_BUFFERS 2

// flags passed in to the constructor
#define TXN_LOG_WRITE 0x01
#define TXN_LOG_READ 0x02
#define TXN_LOG_SORTED 0x04
#define TXN_LOG_CRASHOPEN 0x08 // if
set, invalid headers will be tolerated; used for recovery

#define TXN_LOG_OS_ERROR 1
#define TXN_LOG_NOT_SORTED 2

#define SKIP_CTRL_RECS 1

class CTxnLog
{
private:
DWORD iBufferSize;
//buffer allocated size
DWORD iBytesFreeInBuffer;
//total bytes available for use in buffer
int iNumBuffers;
//buffers in use
int iActiveBuffer;
//indicates which buffer is active: 0 or 1
int iIoBuffer;
//buffer for any pending IO operation
int iFilePointer;
//position in file.
LARGE_INTEGER IFilePointer;
//position in file.
int iNextRec;
//when reading, ordinal value of next record

// A "save point" is remembered each time
getNextRecord is called with a start time specified.
// The next time it is called, if start time is after
the save point, we start scanning from the
// save point. This is particularly useful in
FindBestInterval, where the log is scanned repeatedly.
JULIAN_TIME SavePtTime;
int
iSavePtFilePointer;
LARGE_INTEGER ISavePtFilePointer;
int
iSavePtNextRec;

JULIAN_TIME lastTS;
//when writing sorted output, used to verify
records are sorted
BOOL bWrite;
//writing log file
BOOL bCrashOpen;
//tolerate bad headers and consistency checks

BOOL bLogSorted;
// is log file sorted? applies to both input and
output
JULIAN_TIME BeginTxnTS;
// timestamp of first (lowest) txn start
JULIAN_TIME EndTxnTS;
// timestamp of last (highest) txn completion
time
int
iRecCount; // number of records in log
file
BYTE *pCurrent;
//ptr to current buffer

```

```

        BYTE
*pBuffer[MAX_NUM_BUFFERS];

        PTXN_RECORD_HEADER *TxnArray;
//transaction record pointer array for sort

        DWORD dwError;
HANDLE hTxnFile;
//handle to log file
HANDLE hMapFile;
//map file used when sorting the log
HANDLE hIoComplete;
//event to signify that there are no pending IOs
HANDLE hLogFileIo;
//event to signal the IO thread to write the
inactive buffer

        Spinlock Spin;
//spin lock to protect the txn log file buffers

        int Write(BYTE *ptr, DWORD Size);
static void LogFileIO(CTXNLog*);

public:
        CTXNLog::CTXNLog(LPCTSTRszFileName,
DWORD dwOpts);
        ~CTXNLog(void);

        int WriteToLog(PTXN_RECORD_TPCC
pTxnRcrd);
        int
WriteToLog(PTXN_RECORD_TPCC_DELIV_DEFpTxnRcrd);
        int WriteToLog(PTXN_RECORD_CONTROL
pCtrlRec);
        int WriteToLog(PTXN_RECORD_HEADER
pCtrlRec);

        int WriteCtrlRecToLog(BYTE SubType,
LPTSTR lpStr, DWORD dwLen);

        void CloseTransactionLogFile(void);

        PTXN_RECORD_HEADER
GetNextRecord(BOOL bSkipCtrlRecs = FALSE);
        PTXN_RECORD_HEADER
GetNextRecord(JULIAN_TIMESeekTimeT0, BOOL bSkipCtrlRecs =
FALSE);

        int Sort(void);
        PTXN_RECORD_HEADER
GetSortedRecord(int index);

        inline BOOL IsSorted(void) { return
bLogSorted; };
        inline JULIAN_TIME BeginTS(void) { return
BeginTxnTS; };
        inline JULIAN_TIME EndTS(void) { return
EndTxnTS; };
        inline int RecordCount(void) { return
iRecCount; };
};

class CTXNLOG_ERR : public CBaseErr
{
public:
        enum CTXNLOG_ERRS
{

```

```

        ERR_BAD_FILE_FORMAT,
// "File format is invalid."
        ERR_UNKNOWN_LOG_VERSION,
// "Log file version is unknown."
        ERR_BROKEN_LOG_FILE,
// "Log file is broken."
        ERR_LOG_NOT_SORTED,
// "Log file is not sorted"
        ERR_INVALID_TIME_SEQ,
// "Internal Error: Record Time Sequence invalid."
};

        CTXNLOG_ERR(int iErr) : CBaseErr(iErr) {};

        int ErrorType() {return
ERR_TYPE_TXNLOG;};

        char *ErrorText()
{
        static char *szMsgs[] = {
                "File format is invalid.",
                "Log file version is
unknown.",
                "Log file is broken.",
                "Log file is not sorted",
                "Internal Error: Record
Time Sequence invalid.",
                ""
        };

        for(int i = 0; szMsgs[i][0]; i++)
        {
                if ( m_idMsg == i )
                        break;
        }

        return(szMsgs[i][0] ? szMsgs[i] :
ERR_UNKNOWN);
};
};

```

Stored Procedures

delivery.sql

```

-- File: DELIVERY.SQL
-- Microsoft TPC-C Benchmark Kit Ver. 4.10
-- Copyright Microsoft, 1999
-- Purpose: Creates delivery transaction stored procedure

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
go

use tpcc
go

if exists (select name from sysobjects where name = 'tpcc_delivery' )
drop procedure tpcc_delivery
go

create proc tpcc_delivery @w_id int,
                        @o_carrier_id smallint

```

```

as

declare @d_id tinyint,
        @o_id int,
        @c_id int,
        @total numeric(12,2),
        @oid1 int,
        @oid2 int,
        @oid3 int,
        @oid4 int,
        @oid5 int,
        @oid6 int,
        @oid7 int,
        @oid8 int,
        @oid9 int,
        @oid10 int,
        @time datetime

begin tran d

        select @d_id = 0,
               @time = getdate()

        while (@d_id < 10)
        begin
                select @d_id = @d_id + 1,
                       @total = 0,
                       @o_id = 0

                select top 1
                       @o_id = no_o_id
                from new_order (serializable uplock)
                where no_w_id = @w_id and
                       no_d_id = @d_id
                order by no_o_id asc

                if (@@rowcount <> 0)
                begin
-- claim the order for this district

                        delete new_order
                        where no_w_id = @w_id and
                               no_d_id = @d_id and
                               no_o_id = @o_id

-- set carrier_id on this order (and get customer id)

                                update orders
                                set o_carrier_id =
@o_carrier_id,
                                @c_id =
o_c_id
                                where o_w_id =
@w_id and
                                o_d_id =
@d_id and
                                o_id =
@o_id

-- set date in all lineitems for this order (and sum amounts)

                                update order_line
                                set ol_delivery_d =
@time,
                                @total =
@total + ol_amount

```

```

                                where ol_w_id =
@w_id and
                                ol_d_id =
@d_id and
                                ol_o_id =
@o_id

-- accumulate lineitem amounts for this order into customer

                                update customer
                                set c_balance = c_balance +
@total,
                                c_delivery_cnt =
c_delivery_cnt + 1
                                where c_w_id =
@w_id and
                                c_d_id =
@d_id and
                                c_id =
@c_id

                                end

                                select @oid1 = case @d_id when 1 then @o_id else
@oid1 end,
                                @oid2 = case @d_id when 2 then @o_id else @oid2 end,
                                @oid3 = case @d_id when 3 then @o_id else @oid3 end,
                                @oid4 = case @d_id when 4 then @o_id else @oid4 end,
                                @oid5 = case @d_id when 5 then @o_id else @oid5 end,
                                @oid6 = case @d_id when 6 then @o_id else @oid6 end,
                                @oid7 = case @d_id when 7 then @o_id else @oid7 end,
                                @oid8 = case @d_id when 8 then @o_id else @oid8 end,
                                @oid9 = case @d_id when 9 then @o_id else @oid9 end,
                                @oid10 = case @d_id when 10 then @o_id else @oid10 end

                                end

commit tran d

-- return delivery data to client

select @oid1,
        @oid2,
        @oid3,
        @oid4,
        @oid5,
        @oid6,
        @oid7,
        @oid8,
        @oid9,
        @oid10
go

neword.sql

-- File: NEWORD.SQL
-- Microsoft TPC-C Benchmark Kit Ver. 4.30.000
-- Copyright Microsoft, 1999
-- Purpose: Creates new order transaction stored procedure
--
-- Interface Level: 4.10.000

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

```

```

use tpcc
go

if exists ( select name from sysobjects where name = 'tpcc_neworder' )
    drop procedure tpcc_neworder
go

create proc tpcc_neworder
    int,
    tinyint,
    int,
    tinyint,
    tinyint,
    tinyint,
    0, @s_w_id1 int = 0, @ol_qty1 smallint = 0,
    0, @s_w_id2 int = 0, @ol_qty2 smallint = 0,
    0, @s_w_id3 int = 0, @ol_qty3 smallint = 0,
    0, @s_w_id4 int = 0, @ol_qty4 smallint = 0,
    0, @s_w_id5 int = 0, @ol_qty5 smallint = 0,
    0, @s_w_id6 int = 0, @ol_qty6 smallint = 0,
    0, @s_w_id7 int = 0, @ol_qty7 smallint = 0,
    0, @s_w_id8 int = 0, @ol_qty8 smallint = 0,
    0, @s_w_id9 int = 0, @ol_qty9 smallint = 0,
    0, @s_w_id10 int = 0, @ol_qty10 smallint = 0,
    0, @s_w_id11 int = 0, @ol_qty11 smallint = 0,
    0, @s_w_id12 int = 0, @ol_qty12 smallint = 0,
    0, @s_w_id13 int = 0, @ol_qty13 smallint = 0,
    0, @s_w_id14 int = 0, @ol_qty14 smallint = 0,
    0, @s_w_id15 int = 0, @ol_qty15 smallint = 0

as
declare    @w_tax      numeric(4,4),
           @d_tax      numeric(4,4),
           @c_last     char(16),
           @c_credit   char(2),
           @c_discount numeric(4,4),
           @i_price     numeric(5,2),
           @i_name      char(24),
           @i_data      char(50),
           @o_entry_d   datetime,
           @remote_flag int,
           @s_quantity smallint,
           @s_data      char(50),
           @s_dist      char(24),
           @li_no       int,
           @o_id        int,
           @commit_flag tinyint,

```

```

@li_id     int,
@li_s_w_id int,
@li_qty    smallint,
           @ol_number   int,
           @c_id_local  int

begin
begin transaction n
-- get district tax and next available order id and update
-- plus initialize local variables
        update  district
        set      @d_tax      = d_tax,
                 @o_id      = d_next_o_id,
                 d_next_o_id = d_next_o_id + 1,
                 @li_no     = 0,
                 @commit_flag = 1
        where    d_w_id     = @w_id and
                 d_id      = @d_id

-- process orderlines
        while (@li_no < @o_ol_cnt)
        begin
                select @li_no = @li_no + 1

-- set i_id, s_w_id, and qty for this lineitem
                select    @li_id = case @li_no
                           when 1 then @i_id1
                           when 2 then @i_id2
                           when 3 then @i_id3
                           when 4 then @i_id4
                           when 5 then @i_id5
                           when 6 then @i_id6
                           when 7 then @i_id7
                           when 8 then @i_id8
                           when 9 then @i_id9
                           when 10 then @i_id10
                           when 11 then @i_id11
                           when 12 then @i_id12
                           when 13 then @i_id13
                           when 14 then @i_id14
                           when 15 then @i_id15
                           end,
                           @li_s_w_id = case @li_no
                           when 1 then @s_w_id1
                           when 2 then @s_w_id2
                           when 3 then @s_w_id3
                           when 4 then @s_w_id4
                           when 5 then @s_w_id5
                           when 6 then @s_w_id6
                           when 7 then @s_w_id7
                           when 8 then @s_w_id8
                           when 9 then @s_w_id9

```

```

when 10 then
@s_w_id10
when 11 then
@s_w_id11
when 12 then
@s_w_id12
when 13 then
@s_w_id13
when 14 then
@s_w_id14
when 15 then
@s_w_id15
end,

-- get item data (no one updates item)
select
    @i_price = i_price,
    @i_name = i_name,
    @i_data = i_data
from
    item (tablock repeatableread)
where
    i_id = @li_id

-- update stock values
update
    stock
set
    s_ytd = s_ytd +
@s_li_qty,
@s_quantity = s_quantity - @li_qty +
case when (s_quantity - @li_qty < 10) then 91 else 0 end,
    s_order_cnt = s_order_cnt + 1,
    s_remote_cnt = s_remote_cnt + case when (@li_s_w_id = @w_id) then 0 else 1 end,
    @s_data = s_data,
    @s_dist = case @d_id
when 1 then
s_dist_01
when 2 then
s_dist_02
when 3 then
s_dist_03
when 4 then
s_dist_04
when 5 then
s_dist_05
when 6 then
s_dist_06
when 7 then
s_dist_07
when 8 then
s_dist_08
when 9 then
s_dist_09
when 10 then
s_dist_10
end
where
    s_i_id = @li_id and
    s_w_id = @li_s_w_id

-- if there actually is a stock (and item) with these ids, go to work
if (@@rowcount > 0)
begin
-- insert order_line data (using data from item and stock)
insert into order_line values(@o_id,
@d_id,
@w_id,
@li_no,
@li_id,
@li_s_w_id,
'dec 31, 1899',
@li_qty,
@i_price * @li_qty,
@s_dist)

-- send line-item data to client
select
    @i_name,
    @s_quantity,
    case when (
(patindex('%ORIGINAL%',@i_data) > 0) and
(patindex('%ORIGINAL%',@s_data) > 0) )
then 'B' else 'G' end,
    @i_price,
    @i_price * @li_qty
end
else
begin
-- no item (or stock) found - triggers rollback condition
select ",0",0,0
select @commit_flag = 0
end
end

-- get customer last name, discount, and credit rating
select
    @c_last = c_last,

```

```

        @c_discount = c_discount,
        @c_credit = c_credit,
        @c_id_local = c_id,
        @o_entry_d = getdate()
from customer (repeatableread)
where c_id = @c_id and
       c_w_id = @w_id and
       c_d_id = @d_id

-- insert fresh row into orders table

insert into orders values ( @o_id,
                           @d_id,
                           @w_id,
                           @c_id_local,
                           @o_entry_d,
                           0,
                           @o_ol_cnt,
                           @o_all_local)

-- insert corresponding row into new-order table

insert into new_order values ( @o_id,
                               @d_id,
                               @w_id)

-- select warehouse tax

select @w_tax = w_tax
from warehouse (repeatableread)
where w_id = @w_id

if (@commit_flag = 1)
    commit transaction n
else

-- all that work for nuthin!!!

rollback transaction n

-- return order data to client

select @w_tax,
       @d_tax,
       @o_id,
       @c_last,
       @c_discount,
       @c_credit,
       @o_entry_d,
       @commit_flag

end

go

```

ordstat.sql

```

-- File: ORDSTAT.SQL
-- Microsoft TPC-C Benchmark Kit Ver. 4.10
-- Copyright Microsoft, 1999
-- Purpose: Creates order status transaction stored procedure

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

```

```

use tpcc
go

if exists ( select name from sysobjects where name = 'tpcc_orderstatus' )
    drop procedure tpcc_orderstatus
go

create proc tpcc_orderstatus @w_id int,
                             @d_id tinyint,
                             @c_id int,
                             @c_last char(16) = ''
as

declare @c_balance numeric(12,2),
        @c_first char(16),
        @c_middle char(2),
        @o_id int,
        @o_entry_d datetime,
        @o_carrier_id smallint,
        @cnt smallint

begin tran o

if (@c_id = 0)
    begin

-- get customer id and info using last name

select @cnt = (count(*)+1)/2
from customer (repeatableread)
where c_last = @c_last and
       c_w_id = @w_id and
       c_d_id = @d_id

set rowcount @cnt

select @c_id = c_id,
       @c_balance = c_balance,
       @c_first = c_first,
       @c_last = c_last,
       @c_middle = c_middle
from customer (repeatableread)
where c_last = @c_last and
       c_w_id = @w_id and
       c_d_id = @d_id

order by c_w_id, c_d_id, c_last, c_first

set rowcount 0

end

else

begin

-- get customer info if by id

select @c_balance = c_balance,
       @c_first = c_first,
       @c_middle = c_middle,
       @c_last = c_last
from customer (repeatableread)
where c_id = @c_id and
       c_d_id = @d_id and
       c_w_id = @w_id

```

```

                select      @cnt      = @@rowcount

        end

-- if no such customer

        if (@cnt = 0)
        begin
                raiserror('Customer not found',18,1)
                goto custnotfound
        end

-- get order info

        select      @o_id      = o_id,
                   @o_entry_d  = o_entry_d,
                   @o_carrier_id = o_carrier_id

        from        orders (serializable)
        where       o_c_id      = @c_id and
                   o_d_id      = @d_id and
                   o_w_id      = @w_id

        order      by o_id asc

-- select order lines for the current order

        select      ol_supply_w_id,
                   ol_i_id,
                   ol_quantity,
                   ol_amount,
                   ol_delivery_d
        from        order_line (repeatableread)
        where       ol_o_id = @o_id and
                   ol_d_id = @d_id and
                   ol_w_id = @w_id

custnotfound:

commit tran o

-- return data to client

select      @c_id,
           @c_last,
           @c_first,
           @c_middle,
           @o_entry_d,
           @o_carrier_id,
           @c_balance,
           @o_id

go

```

payment.sql

```

-- File:  PAYMENT.SQL
--       Microsoft TPC-C Benchmark Kit Ver. 4.10
--       Copyright Microsoft, 1999
-- Purpose:  Creates payment transaction stored procedure

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

```

```

use tpcc
go

if exists (select name from sysobjects where name = 'tpcc_payment')
        drop procedure tpcc_payment
go

create proc tpcc_payment      @w_id      int,
                             @c_w_id     int,
                             @h_amount   numeric(6,2),
                             @d_id       tinyint,
                             @c_d_id     tinyint,
                             @c_id       int,
                             @c_last     char(16) = "

as

declare @w_street_1 char(20),
        @w_street_2 char(20),
        @w_city      char(20),
        @w_state     char(2),
        @w_zip       char(9),
        @w_name       char(10),
        @d_street_1 char(20),
        @d_street_2 char(20),
        @d_city       char(20),
        @d_state     char(2),
        @d_zip       char(9),
        @d_name       char(10),
        @c_first     char(16),
        @c_middle    char(2),
        @c_street_1  char(20),
        @c_street_2  char(20),
        @c_city       char(20),
        @c_state     char(2),
        @c_zip       char(9),
        @c_phone     char(16),
        @c_since     datetime,
        @c_credit    char(2),
        @c_credit_lim numeric(12,2),
        @c_balance   numeric(12,2),
        @c_discount  numeric(4,4),
        @data        char(500),
        @c_data      char(500),
        @datetime    datetime,
        @w_ytd       numeric(12,2),
        @d_ytd       numeric(12,2),
        @cnt         smallint,
        @val         smallint,
        @screen_data char(200),
        @d_id_local  tinyint,
        @w_id_local  int,
        @c_id_local  int

select @screen_data = "

begin tran p

-- get payment date

        select      @datetime = getdate()

        if (@c_id = 0)
        begin

-- get customer id and info using last name

```

```

select top 1 @c_id = c_id
from (
    select top 50 percent c_id, c_first
    from customer (repeatable read)
    where c_last = @c_last and
          c_w_id = @c_w_id
    and
          c_d_id = @c_d_id
    order by c_first
) top_fifty
order by c_first desc
end

-- get customer info and update balances

update customer
set @c_balance = c_balance -
@c_h_amount,
    c_payment_cnt = c_payment_cnt + 1,
    c_ytd_payment = c_ytd_payment +
@c_h_amount,
    @c_first = c_first,
    @c_middle = c_middle,
    @c_last = c_last,
    @c_street_1 = c_street_1,
    @c_street_2 = c_street_2,
    @c_city = c_city,
    @c_state = c_state,
    @c_zip = c_zip,
    @c_phone = c_phone,
    @c_credit = c_credit,
    @c_credit_lim = c_credit_lim,
    @c_discount = c_discount,
    @c_since = c_since,
    @data = c_data,
    @c_id_local = c_id
where c_id = @c_id and
      c_w_id = @c_w_id and
      c_d_id = @c_d_id

-- if customer has bad credit get some more info

if (@c_credit = 'BC')
begin
-- compute new info

select @c_data = convert(char(5),@c_id)
+
convert(char(4),@c_d_id) +
convert(char(5),@c_w_id) +
+
convert(char(4),@d_id)
+
convert(char(5),@w_id)
+
convert(char(19),@h_amount) +
substring(@data, 1, 458)

-- update customer info

update customer
set c_data = @c_data

```

```

where c_id = @c_id and
      c_w_id = @c_w_id and
      c_d_id = @c_d_id

select @screen_data = substring
(@c_data,1,200)
end

-- get district data and update year-to-date

update district
set d_ytd = d_ytd + @h_amount,
    @d_street_1 = d_street_1,
    @d_street_2 = d_street_2,
    @d_city = d_city,
    @d_state = d_state,
    @d_zip = d_zip,
    @d_name = d_name,
    @d_id_local = d_id
where d_w_id = @w_id and
      d_id = @d_id

-- get warehouse data and update year-to-date

update warehouse
set w_ytd = w_ytd + @h_amount,
    @w_street_1 = w_street_1,
    @w_street_2 = w_street_2,
    @w_city = w_city,
    @w_state = w_state,
    @w_zip = w_zip,
    @w_name = w_name,
    @w_id_local = w_id
where w_id = @w_id

-- create history record

insert into history values (
    @c_id_local,
    @c_d_id,
    @c_w_id,
    @d_id_local,
    @w_id_local,
    @datetime,
    @h_amount,
    @w_name +
' + @d_name)
commit tran p

-- return data to client

select @c_id,
       @c_last,
       @datetime,
       @w_street_1,
       @w_street_2,
       @w_city,
       @w_state,
       @w_zip,
       @d_street_1,
       @d_street_2,
       @d_city,
       @d_state,
       @d_zip,
       @c_first,
       @c_middle,
       @c_street_1,
       @c_street_2,

```



```
@c_city,  
@c_state,  
@c_zip,  
@c_phone,  
@c_since,  
@c_credit,  
@c_credit_lim,  
@c_discount,  
@c_balance,  
@screen_data
```

```
go
```

stocklev.sql

```
-- File: STOCKLEV.SQL  
-- Microsoft TPC-C Benchmark Kit Ver. 4.10  
-- Copyright Microsoft, 1999  
-- Purpose: Creates stock level transaction stored procedure
```

```
set ANSI_DEFAULTS on  
set IMPLICIT_TRANSACTIONS off  
go
```

```
use tpcc  
go
```

```
if exists (select name from sysobjects where name = 'tpcc_stocklevel' )  
    drop procedure tpcc_stocklevel  
go
```

```
create proc tpcc_stocklevel    @w_id    int,  
                               @d_id    tinyint,  
                               @threshold smallint  
as
```

```
declare    @o_id_low int,  
           @o_id_high int
```

```
select    @o_id_low    = (d_next_o_id - 20),  
           @o_id_high  = (d_next_o_id - 1)  
from      district  
where     d_w_id      = @w_id and  
           d_id       = @d_id
```

```
select    count(distinct(s_i_id))  
from      stock, order_line  
where     ol_w_id      = @w_id and  
           ol_d_id     = @d_id and  
           ol_o_id     between @o_id_low and  
                               @o_id_high and  
           s_w_id     = ol_w_id and  
           s_i_id     = ol_i_id and  
           s_quantity < @threshold
```

```
option (order group)
```

```
go
```

Appendix B: Database Design

Database Build

32x1800

1	rtnode01	1	1800
2	rtnode02	1801	3600
3	rtnode03	3601	5400
4	rtnode04	5401	7200
5	rtnode05	7201	9000
6	rtnode06	9001	10800
7	rtnode07	10801	12600
8	rtnode08	12601	14400
9	rtnode09	14401	16200
10	rtnode10	16201	18000
11	rtnode11	18001	19800
12	rtnode12	19801	21600
13	rtnode13	21601	23400
14	rtnode14	23401	25200
15	rtnode15	25201	27000
16	rtnode16	27001	28800
17	rtnode17	28801	30600
18	rtnode18	30601	32400
19	rtnode19	32401	34200
20	rtnode20	34201	36000
21	rtnode21	36001	37800
22	rtnode22	37801	39600
23	rtnode23	39601	41400
24	rtnode24	41401	43200
25	rtnode25	43201	45000
26	rtnode26	45001	46800
27	rtnode27	46801	48600
28	rtnode28	48601	50400
29	rtnode29	50401	52200
30	rtnode30	52201	54000
31	rtnode31	54001	55800
32	rtnode32	55801	57600

add_constraints_t1.sql

```
--file 1_to_1800\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
```

```
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 1 and 1800
--

alter table t_warehouse add constraint cnst_w_id check (w_id <=
convert(int,1800))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id <=
convert(int,1800))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id <=
convert(int,1800))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id <=
convert(int,1800))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id <=
convert(int,1800))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id <=
convert(int,1800))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id <=
convert(int,1800))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
<= convert(int,1800))
go
```

add_constraints_t2.sql

```
--file 1801_to_3600\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go
```

```

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 1801 and 3600
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,1801) and convert(int,3600))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,1801) and convert(int,3600))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,1801) and convert(int,3600))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,1801) and convert(int,3600))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,1801) and convert(int,3600))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,1801) and convert(int,3600))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,1801) and convert(int,3600))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,1801) and convert(int,3600))
go

```

add_constraints_t3.sql

```

--file 3601_to_5400\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

```

```

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 3601 and 5400
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,3601) and convert(int,5400))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,3601) and convert(int,5400))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,3601) and convert(int,5400))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,3601) and convert(int,5400))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,3601) and convert(int,5400))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,3601) and convert(int,5400))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,3601) and convert(int,5400))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,3601) and convert(int,5400))
go

```

add_constraints_t4.sql

```

--file 5401_to_7200\add_constraints_t.sql

```

```

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 5401 and 7200
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,5401) and convert(int,7200))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,5401) and convert(int,7200))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,5401) and convert(int,7200))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,5401) and convert(int,7200))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,5401) and convert(int,7200))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,5401) and convert(int,7200))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,5401) and convert(int,7200))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,5401) and convert(int,7200))

```

```
go
```

add_constraints_t5.sql

```

--file 7201_to_9000\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 7201 and 9000
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,7201) and convert(int,9000))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,7201) and convert(int,9000))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,7201) and convert(int,9000))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,7201) and convert(int,9000))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,7201) and convert(int,9000))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,7201) and convert(int,9000))
go

```

```

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,7201) and convert(int,9000))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,7201) and convert(int,9000))
go

```

add_constraints_t6.sql

```

--file 9001_to_10800\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 9001 and 10800
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,9001) and convert(int,10800))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,9001) and convert(int,10800))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,9001) and convert(int,10800))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,9001) and convert(int,10800))
go

```

```

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,9001) and convert(int,10800))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,9001) and convert(int,10800))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,9001) and convert(int,10800))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,9001) and convert(int,10800))
go

```

add_constraints_t7.sql

```

--file 10801_to_12600\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 10801 and 12600
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,10801) and convert(int,12600))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,10801) and convert(int,12600))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,10801) and convert(int,12600))
go

```

```

go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,10801) and convert(int,12600))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,10801) and convert(int,12600))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,10801) and convert(int,12600))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,10801) and convert(int,12600))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,10801) and convert(int,12600))
go

```

add_constraints_t8.sql

```

--file 12601_to_14400\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 12601 and 14400
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,12601) and convert(int,14400))
go

```

```

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,12601) and convert(int,14400))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,12601) and convert(int,14400))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,12601) and convert(int,14400))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,12601) and convert(int,14400))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,12601) and convert(int,14400))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,12601) and convert(int,14400))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,12601) and convert(int,14400))
go

```

add_constraints_t9.sql

```

--file 14401_to_16200\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

```

```

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 14401 and 16200
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,14401) and convert(int,16200))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,14401) and convert(int,16200))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,14401) and convert(int,16200))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,14401) and convert(int,16200))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,14401) and convert(int,16200))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,14401) and convert(int,16200))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,14401) and convert(int,16200))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,14401) and convert(int,16200))
go

```

add_constraints_t10.sql

```

--file 16201_to_18000\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

```

```

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 16201 and 18000
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,16201) and convert(int,18000))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,16201) and convert(int,18000))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,16201) and convert(int,18000))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,16201) and convert(int,18000))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,16201) and convert(int,18000))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,16201) and convert(int,18000))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,16201) and convert(int,18000))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,16201) and convert(int,18000))
go

```

add_constraints_t11.sql

```

--file 18001_to_19800\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

```

```

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 18001 and 19800
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,18001) and convert(int,19800))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,18001) and convert(int,19800))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,18001) and convert(int,19800))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,18001) and convert(int,19800))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,18001) and convert(int,19800))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,18001) and convert(int,19800))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,18001) and convert(int,19800))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,18001) and convert(int,19800))
go

```

add_constraints_t12.sql

```

--file 19801_to_21600\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id

```

```

go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 19801 and 21600
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,19801) and convert(int,21600))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,19801) and convert(int,21600))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,19801) and convert(int,21600))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,19801) and convert(int,21600))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,19801) and convert(int,21600))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,19801) and convert(int,21600))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,19801) and convert(int,21600))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,19801) and convert(int,21600))
go

```

add_constraints_t13.sql

```

--file 23401_to_25200\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

```



```

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 23401 and 25200
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,23401) and convert(int,25200))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,23401) and convert(int,25200))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,23401) and convert(int,25200))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,23401) and convert(int,25200))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,23401) and convert(int,25200))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,23401) and convert(int,25200))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,23401) and convert(int,25200))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,23401) and convert(int,25200))
go

```

add_constraints_t14.sql

```

--file 23401_to_25200\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 23401 and 25200
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,23401) and convert(int,25200))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,23401) and convert(int,25200))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,23401) and convert(int,25200))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,23401) and convert(int,25200))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,23401) and convert(int,25200))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,23401) and convert(int,25200))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,23401) and convert(int,25200))
go

```

```
alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,23401) and convert(int,25200))
go
```

add_constraints_t15.sql

```
--file 25201_to_27000\add_constraints_t.sql
```

```
set ansi_warnings on
set ansi_nulls on
go
```

```
use tpcc
go
```

```
-- Drop any existing partitioning constraints
--
```

```
alter table t_warehouse drop constraint cnst_w_id
go
```

```
alter table t_district drop constraint cnst_d_w_id
go
```

```
alter table t_customer drop constraint cnst_c_w_id
go
```

```
alter table t_history drop constraint cnst_h_w_id
go
```

```
alter table t_stock drop constraint cnst_s_w_id
go
```

```
alter table t_orders drop constraint cnst_o_w_id
go
```

```
alter table t_order_line drop constraint cnst_ol_w_id
go
```

```
alter table t_new_order drop constraint cnst_no_w_id
go
```

```
-- Add partitioning constraints between 25201 and 27000
--
```

```
alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,25201) and convert(int,27000))
go
```

```
alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,25201) and convert(int,27000))
go
```

```
alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,25201) and convert(int,27000))
go
```

```
alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,25201) and convert(int,27000))
go
```

```
alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,25201) and convert(int,27000))
go
```

```
alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,25201) and convert(int,27000))
go
```

```
alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,25201) and convert(int,27000))
go
```

```
alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,25201) and convert(int,27000))
go
```

add_constraints_t16.sql

```
--file 27001_to_28800\add_constraints_t.sql
```

```
set ansi_warnings on
set ansi_nulls on
go
```

```
use tpcc
go
```

```
-- Drop any existing partitioning constraints
--
```

```
alter table t_warehouse drop constraint cnst_w_id
go
```

```
alter table t_district drop constraint cnst_d_w_id
go
```

```
alter table t_customer drop constraint cnst_c_w_id
go
```

```
alter table t_history drop constraint cnst_h_w_id
go
```

```
alter table t_stock drop constraint cnst_s_w_id
go
```

```
alter table t_orders drop constraint cnst_o_w_id
go
```

```
alter table t_order_line drop constraint cnst_ol_w_id
go
```

```
alter table t_new_order drop constraint cnst_no_w_id
go
```

```
-- Add partitioning constraints between 27001 and 28800
--
```

```
alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,27001) and convert(int,28800))
go
```

```
alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,27001) and convert(int,28800))
go
```

```
alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,27001) and convert(int,28800))
go
```

```
alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,27001) and convert(int,28800))
go
```

```
alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,27001) and convert(int,28800))
go
```

```
alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,27001) and convert(int,28800))
go
```

```
alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,27001) and convert(int,28800))
go
```

```
alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,27001) and convert(int,28800))
go
```

add_constraints_t17.sql

```
--file 28801_to_30600\add_constraints_t.sql
```

```
set ansi_warnings on
set ansi_nulls on
go
```

```
use tpcc
go
```

```
-- Drop any existing partitioning constraints
--
```

```
alter table t_warehouse drop constraint cnst_w_id
go
```

```
alter table t_district drop constraint cnst_d_w_id
go
```

```
alter table t_customer drop constraint cnst_c_w_id
go
```

```
alter table t_history drop constraint cnst_h_w_id
go
```

```
alter table t_stock drop constraint cnst_s_w_id
go
```

```
alter table t_orders drop constraint cnst_o_w_id
go
```

```
alter table t_order_line drop constraint cnst_ol_w_id
go
```

```
alter table t_new_order drop constraint cnst_no_w_id
go
```

```
-- Add partitioning constraints between 28801 and 30600
--
```

```
alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,28801) and convert(int,30600))
go
```

```
alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,28801) and convert(int,30600))
go
```

```
alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,28801) and convert(int,30600))
go
```

```
alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,28801) and convert(int,30600))
go
```

```
alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,28801) and convert(int,30600))
go
```

```
alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,28801) and convert(int,30600))
go
```

```
alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,28801) and convert(int,30600))
go
```

```
alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,28801) and convert(int,30600))
go
```

add_constraints_t18.sql

```
--file 30601_to_32400\add_constraints_t.sql
```

```
set ansi_warnings on
set ansi_nulls on
go
```

```
use tpcc
go
```

```
-- Drop any existing partitioning constraints
--
```

```
alter table t_warehouse drop constraint cnst_w_id
go
```

```
alter table t_district drop constraint cnst_d_w_id
go
```

```
alter table t_customer drop constraint cnst_c_w_id
go
```

```
alter table t_history drop constraint cnst_h_w_id
go
```

```
alter table t_stock drop constraint cnst_s_w_id
go
```

```
alter table t_orders drop constraint cnst_o_w_id
go
```

```
alter table t_order_line drop constraint cnst_ol_w_id
go
```

```
alter table t_new_order drop constraint cnst_no_w_id
go
```

```

-- Add partitioning constraints between 30601 and 32400
--
alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,30601) and convert(int,32400))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,30601) and convert(int,32400))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,30601) and convert(int,32400))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,30601) and convert(int,32400))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,30601) and convert(int,32400))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,30601) and convert(int,32400))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,30601) and convert(int,32400))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,30601) and convert(int,32400))
go

```

add_constraints_t19.sql

```

--file 32401_to_34200\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

```

```

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 32401 and 34200
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,32401) and convert(int,34200))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,32401) and convert(int,34200))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,32401) and convert(int,34200))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,32401) and convert(int,34200))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,32401) and convert(int,34200))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,32401) and convert(int,34200))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,32401) and convert(int,34200))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,32401) and convert(int,34200))
go

```

add_constraints_t20.sql

```

--file 34201_to_36000\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

```

```

go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 34201 and 36000
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,34201) and convert(int,36000))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,34201) and convert(int,36000))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,34201) and convert(int,36000))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,34201) and convert(int,36000))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,34201) and convert(int,36000))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,34201) and convert(int,36000))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,34201) and convert(int,36000))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,34201) and convert(int,36000))
go

```

add_constraints_t21.sql

```

--file 36001_to_37800\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

```

```

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 36001 and 37800
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,36001) and convert(int,37800))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,36001) and convert(int,37800))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,36001) and convert(int,37800))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,36001) and convert(int,37800))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,36001) and convert(int,37800))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,36001) and convert(int,37800))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,36001) and convert(int,37800))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,36001) and convert(int,37800))
go

```

add_constraints_t22.sql

```

--file 37801_to_39600\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

```

```

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 37801 and 39600
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,37801) and convert(int,39600))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,37801) and convert(int,39600))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,37801) and convert(int,39600))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,37801) and convert(int,39600))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,37801) and convert(int,39600))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,37801) and convert(int,39600))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,37801) and convert(int,39600))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,37801) and convert(int,39600))
go

```

add_constraints_t23.sql

```

--file 39601_to_41400\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 39601 and 41400
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,39601) and convert(int,41400))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,39601) and convert(int,41400))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,39601) and convert(int,41400))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,39601) and convert(int,41400))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,39601) and convert(int,41400))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,39601) and convert(int,41400))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,39601) and convert(int,41400))
go

```

```
alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,39601) and convert(int,41400))
go
```

add_constraints_t24.sql

```
--file 41401_to_43200\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 41401 and 43200
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,41401) and convert(int,43200))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,41401) and convert(int,43200))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,41401) and convert(int,43200))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,41401) and convert(int,43200))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,41401) and convert(int,43200))
go
```

```
alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,41401) and convert(int,43200))
go
```

```
alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,41401) and convert(int,43200))
go
```

```
alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,41401) and convert(int,43200))
go
```

add_constraints_t25.sql

```
--file 43201_to_45000\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 43201 and 45000
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,43201) and convert(int,45000))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,43201) and convert(int,45000))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,43201) and convert(int,45000))
go
```

```
alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,43201) and convert(int,45000))
go
```

```
alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,43201) and convert(int,45000))
go
```

```
alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,43201) and convert(int,45000))
go
```

```
alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,43201) and convert(int,45000))
go
```

```
alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,43201) and convert(int,45000))
go
```

add_constraints_t26.sql

```
--file 45001_to_46800\add_constraints_t.sql
```

```
set ansi_warnings on
set ansi_nulls on
go
```

```
use tpcc
go
```

```
-- Drop any existing partitioning constraints
--
```

```
alter table t_warehouse drop constraint cnst_w_id
go
```

```
alter table t_district drop constraint cnst_d_w_id
go
```

```
alter table t_customer drop constraint cnst_c_w_id
go
```

```
alter table t_history drop constraint cnst_h_w_id
go
```

```
alter table t_stock drop constraint cnst_s_w_id
go
```

```
alter table t_orders drop constraint cnst_o_w_id
go
```

```
alter table t_order_line drop constraint cnst_ol_w_id
go
```

```
alter table t_new_order drop constraint cnst_no_w_id
go
```

```
-- Add partitioning constraints between 45001 and 46800
--
```

```
alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,45001) and convert(int,46800))
go
```

```
alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,45001) and convert(int,46800))
go
```

```
alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,45001) and convert(int,46800))
go
```

```
alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,45001) and convert(int,46800))
go
```

```
alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,45001) and convert(int,46800))
go
```

```
alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,45001) and convert(int,46800))
go
```

```
alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,45001) and convert(int,46800))
go
```

```
alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,45001) and convert(int,46800))
go
```

add_constraints_t27.sql

```
--file 46801_to_48600\add_constraints_t.sql
```

```
set ansi_warnings on
set ansi_nulls on
go
```

```
use tpcc
go
```

```
-- Drop any existing partitioning constraints
--
```

```
alter table t_warehouse drop constraint cnst_w_id
go
```

```
alter table t_district drop constraint cnst_d_w_id
go
```

```
alter table t_customer drop constraint cnst_c_w_id
go
```

```
alter table t_history drop constraint cnst_h_w_id
go
```

```
alter table t_stock drop constraint cnst_s_w_id
go
```

```
alter table t_orders drop constraint cnst_o_w_id
go
```

```
alter table t_order_line drop constraint cnst_ol_w_id
go
```

```
alter table t_new_order drop constraint cnst_no_w_id
go
```



```

-- Add partitioning constraints between 46801 and 48600
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,46801) and convert(int,48600))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,46801) and convert(int,48600))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,46801) and convert(int,48600))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,46801) and convert(int,48600))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,46801) and convert(int,48600))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,46801) and convert(int,48600))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,46801) and convert(int,48600))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,46801) and convert(int,48600))
go

```

add_constraints_t28.sql

```

--file 48601_to_50400\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

```

```

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 48601 and 50400
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,48601) and convert(int,50400))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,48601) and convert(int,50400))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,48601) and convert(int,50400))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,48601) and convert(int,50400))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,48601) and convert(int,50400))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,48601) and convert(int,50400))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,48601) and convert(int,50400))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,48601) and convert(int,50400))
go

```

add_constraints_t29.sql

```

--file 50401_to_52200\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id

```

```

go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 50401 and 52200
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,50401) and convert(int,52200))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,50401) and convert(int,52200))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,50401) and convert(int,52200))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,50401) and convert(int,52200))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,50401) and convert(int,52200))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,50401) and convert(int,52200))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,50401) and convert(int,52200))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,50401) and convert(int,52200))
go

```

add_constraints_t30.sql

```

--file 52201_to_54000\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

```

```

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 52201 and 54000
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,52201) and convert(int,54000))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,52201) and convert(int,54000))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,52201) and convert(int,54000))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,52201) and convert(int,54000))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,52201) and convert(int,54000))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,52201) and convert(int,54000))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,52201) and convert(int,54000))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,52201) and convert(int,54000))
go

```

add_constraints_t31.sql

```

--file 54001_to_55800\add_constraints_t.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

```

```

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 54001 and 55800
--

alter table t_warehouse add constraint cnst_w_id check (w_id between
convert(int,54001) and convert(int,55800))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id
between convert(int,54001) and convert(int,55800))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id
between convert(int,54001) and convert(int,55800))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id
between convert(int,54001) and convert(int,55800))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id between
convert(int,54001) and convert(int,55800))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id between
convert(int,54001) and convert(int,55800))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id
between convert(int,54001) and convert(int,55800))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
between convert(int,54001) and convert(int,55800))
go

```

add_constraints_t32.sql

```
--file 55801_to_57600\add_constraints_t.sql
```

```

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id
go

alter table t_district drop constraint cnst_d_w_id
go

alter table t_customer drop constraint cnst_c_w_id
go

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 55801 and 57600
--

alter table t_warehouse add constraint cnst_w_id check (w_id >=
convert(int,55801))
go

alter table t_district add constraint cnst_d_w_id check (d_w_id >=
convert(int,55801))
go

alter table t_customer add constraint cnst_c_w_id check (c_w_id >=
convert(int,55801))
go

alter table t_history add constraint cnst_h_w_id check (h_w_id >=
convert(int,55801))
go

alter table t_stock add constraint cnst_s_w_id check (s_w_id >=
convert(int,55801))
go

alter table t_orders add constraint cnst_o_w_id check (o_w_id >=
convert(int,55801))
go

alter table t_order_line add constraint cnst_ol_w_id check (ol_w_id >=
convert(int,55801))
go

alter table t_new_order add constraint cnst_no_w_id check (no_w_id
>= convert(int,55801))

```

go

add_remote_servers.sql

```
--file add_remote_servers.sql
--add remote servers for all the partitions
--
-- partition 1 is on host rtnode01
--
exec sp_dropserver rmt1, droplogins
exec sp_addlinkedserver 'rmt1'
exec sp_setnetname 'rmt1', 'rtnode01'
exec sp_serveroption 'rmt1', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt1, NULL
exec sp_addlinkedserver rmt1, 'false', 'sa', 'sa'

--
-- partition 2 is on host rtnode02
--
exec sp_dropserver rmt2, droplogins
exec sp_addlinkedserver 'rmt2'
exec sp_setnetname 'rmt2', 'rtnode02'
exec sp_serveroption 'rmt2', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt2, NULL
exec sp_addlinkedserver rmt2, 'false', 'sa', 'sa'

--
-- partition 3 is on host rtnode03
--
exec sp_dropserver rmt3, droplogins
exec sp_addlinkedserver 'rmt3'
exec sp_setnetname 'rmt3', 'rtnode03'
exec sp_serveroption 'rmt3', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt3, NULL
exec sp_addlinkedserver rmt3, 'false', 'sa', 'sa'

--
-- partition 4 is on host rtnode04
--
exec sp_dropserver rmt4, droplogins
exec sp_addlinkedserver 'rmt4'
exec sp_setnetname 'rmt4', 'rtnode04'
exec sp_serveroption 'rmt4', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt4, NULL
exec sp_addlinkedserver rmt4, 'false', 'sa', 'sa'

--
-- partition 5 is on host rtnode05
--
exec sp_dropserver rmt5, droplogins
exec sp_addlinkedserver 'rmt5'
exec sp_setnetname 'rmt5', 'rtnode05'
exec sp_serveroption 'rmt5', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt5, NULL
exec sp_addlinkedserver rmt5, 'false', 'sa', 'sa'

--
-- partition 6 is on host rtnode06
--
exec sp_dropserver rmt6, droplogins
exec sp_addlinkedserver 'rmt6'
```

```
exec sp_setnetname 'rmt6', 'rtnode06'
exec sp_serveroption 'rmt6', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt6, NULL
exec sp_addlinkedserver rmt6, 'false', 'sa', 'sa'

--
-- partition 7 is on host rtnode07
--
exec sp_dropserver rmt7, droplogins
exec sp_addlinkedserver 'rmt7'
exec sp_setnetname 'rmt7', 'rtnode07'
exec sp_serveroption 'rmt7', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt7, NULL
exec sp_addlinkedserver rmt7, 'false', 'sa', 'sa'

--
-- partition 8 is on host rtnode08
--
exec sp_dropserver rmt8, droplogins
exec sp_addlinkedserver 'rmt8'
exec sp_setnetname 'rmt8', 'rtnode08'
exec sp_serveroption 'rmt8', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt8, NULL
exec sp_addlinkedserver rmt8, 'false', 'sa', 'sa'

--
-- partition 9 is on host rtnode09
--
exec sp_dropserver rmt9, droplogins
exec sp_addlinkedserver 'rmt9'
exec sp_setnetname 'rmt9', 'rtnode09'
exec sp_serveroption 'rmt9', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt9, NULL
exec sp_addlinkedserver rmt9, 'false', 'sa', 'sa'

--
-- partition 10 is on host rtnode10
--
exec sp_dropserver rmt10, droplogins
exec sp_addlinkedserver 'rmt10'
exec sp_setnetname 'rmt10', 'rtnode10'
exec sp_serveroption 'rmt10', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt10, NULL
exec sp_addlinkedserver rmt10, 'false', 'sa', 'sa'

--
-- partition 11 is on host rtnode11
--
exec sp_dropserver rmt11, droplogins
exec sp_addlinkedserver 'rmt11'
exec sp_setnetname 'rmt11', 'rtnode11'
exec sp_serveroption 'rmt11', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt11, NULL
exec sp_addlinkedserver rmt11, 'false', 'sa', 'sa'

--
-- partition 12 is on host rtnode12
--
exec sp_dropserver rmt12, droplogins
exec sp_addlinkedserver 'rmt12'
exec sp_setnetname 'rmt12', 'rtnode12'
exec sp_serveroption 'rmt12', 'lazy schema validation', 'true'
```

```

exec sp_droplinkedserver rmt12, NULL
exec sp_addlinkedserver rmt12, 'false', 'sa', 'sa'

--
-- partition 13 is on host rtnode13
--

exec sp_dropserver rmt13, droplogins
exec sp_addlinkedserver 'rmt13'
exec sp_setnetname 'rmt13', 'rtnode13'
exec sp_serveroption 'rmt13', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt13, NULL
exec sp_addlinkedserver rmt13, 'false', 'sa', 'sa'

--
-- partition 14 is on host rtnode14
--

exec sp_dropserver rmt14, droplogins
exec sp_addlinkedserver 'rmt14'
exec sp_setnetname 'rmt14', 'rtnode14'
exec sp_serveroption 'rmt14', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt14, NULL
exec sp_addlinkedserver rmt14, 'false', 'sa', 'sa'

--
-- partition 15 is on host rtnode15
--

exec sp_dropserver rmt15, droplogins
exec sp_addlinkedserver 'rmt15'
exec sp_setnetname 'rmt15', 'rtnode15'
exec sp_serveroption 'rmt15', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt15, NULL
exec sp_addlinkedserver rmt15, 'false', 'sa', 'sa'

--
-- partition 16 is on host rtnode16
--

exec sp_dropserver rmt16, droplogins
exec sp_addlinkedserver 'rmt16'
exec sp_setnetname 'rmt16', 'rtnode16'
exec sp_serveroption 'rmt16', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt16, NULL
exec sp_addlinkedserver rmt16, 'false', 'sa', 'sa'

--
-- partition 17 is on host rtnode17
--

exec sp_dropserver rmt17, droplogins
exec sp_addlinkedserver 'rmt17'
exec sp_setnetname 'rmt17', 'rtnode17'
exec sp_serveroption 'rmt17', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt17, NULL
exec sp_addlinkedserver rmt17, 'false', 'sa', 'sa'

--
-- partition 18 is on host rtnode18
--

exec sp_dropserver rmt18, droplogins
exec sp_addlinkedserver 'rmt18'
exec sp_setnetname 'rmt18', 'rtnode18'
exec sp_serveroption 'rmt18', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt18, NULL
exec sp_addlinkedserver rmt18, 'false', 'sa', 'sa'

```

```

--
-- partition 19 is on host rtnode19
--

exec sp_dropserver rmt19, droplogins
exec sp_addlinkedserver 'rmt19'
exec sp_setnetname 'rmt19', 'rtnode19'
exec sp_serveroption 'rmt19', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt19, NULL
exec sp_addlinkedserver rmt19, 'false', 'sa', 'sa'

--
-- partition 20 is on host rtnode20
--

exec sp_dropserver rmt20, droplogins
exec sp_addlinkedserver 'rmt20'
exec sp_setnetname 'rmt20', 'rtnode20'
exec sp_serveroption 'rmt20', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt20, NULL
exec sp_addlinkedserver rmt20, 'false', 'sa', 'sa'

--
-- partition 21 is on host rtnode21
--

exec sp_dropserver rmt21, droplogins
exec sp_addlinkedserver 'rmt21'
exec sp_setnetname 'rmt21', 'rtnode21'
exec sp_serveroption 'rmt21', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt21, NULL
exec sp_addlinkedserver rmt21, 'false', 'sa', 'sa'

--
-- partition 22 is on host rtnode22
--

exec sp_dropserver rmt22, droplogins
exec sp_addlinkedserver 'rmt22'
exec sp_setnetname 'rmt22', 'rtnode22'
exec sp_serveroption 'rmt22', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt22, NULL
exec sp_addlinkedserver rmt22, 'false', 'sa', 'sa'

--
-- partition 23 is on host rtnode23
--

exec sp_dropserver rmt23, droplogins
exec sp_addlinkedserver 'rmt23'
exec sp_setnetname 'rmt23', 'rtnode23'
exec sp_serveroption 'rmt23', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt23, NULL
exec sp_addlinkedserver rmt23, 'false', 'sa', 'sa'

--
-- partition 24 is on host rtnode24
--

exec sp_dropserver rmt24, droplogins
exec sp_addlinkedserver 'rmt24'
exec sp_setnetname 'rmt24', 'rtnode24'
exec sp_serveroption 'rmt24', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt24, NULL
exec sp_addlinkedserver rmt24, 'false', 'sa', 'sa'

--

```

```

-- partition 25 is on host rnode25
--

exec sp_dropserver rmt25, droplogins
exec sp_addlinkedserver 'rmt25'
exec sp_setnetname 'rmt25', 'rnode25'
exec sp_serveroption 'rmt25', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt25, NULL
exec sp_addlinkedserver rmt25, 'false', 'sa', 'sa'

--

-- partition 26 is on host rnode26
--

exec sp_dropserver rmt26, droplogins
exec sp_addlinkedserver 'rmt26'
exec sp_setnetname 'rmt26', 'rnode26'
exec sp_serveroption 'rmt26', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt26, NULL
exec sp_addlinkedserver rmt26, 'false', 'sa', 'sa'

--

-- partition 27 is on host rnode27
--

exec sp_dropserver rmt27, droplogins
exec sp_addlinkedserver 'rmt27'
exec sp_setnetname 'rmt27', 'rnode27'
exec sp_serveroption 'rmt27', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt27, NULL
exec sp_addlinkedserver rmt27, 'false', 'sa', 'sa'

--

-- partition 28 is on host rnode28
--

exec sp_dropserver rmt28, droplogins
exec sp_addlinkedserver 'rmt28'
exec sp_setnetname 'rmt28', 'rnode28'
exec sp_serveroption 'rmt28', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt28, NULL
exec sp_addlinkedserver rmt28, 'false', 'sa', 'sa'

--

-- partition 29 is on host rnode29
--

exec sp_dropserver rmt29, droplogins
exec sp_addlinkedserver 'rmt29'
exec sp_setnetname 'rmt29', 'rnode29'
exec sp_serveroption 'rmt29', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt29, NULL
exec sp_addlinkedserver rmt29, 'false', 'sa', 'sa'

--

-- partition 30 is on host rnode30
--

exec sp_dropserver rmt30, droplogins
exec sp_addlinkedserver 'rmt30'
exec sp_setnetname 'rmt30', 'rnode30'
exec sp_serveroption 'rmt30', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt30, NULL
exec sp_addlinkedserver rmt30, 'false', 'sa', 'sa'

--

-- partition 31 is on host rnode31
--

```

```

exec sp_dropserver rmt31, droplogins
exec sp_addlinkedserver 'rmt31'
exec sp_setnetname 'rmt31', 'rnode31'
exec sp_serveroption 'rmt31', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt31, NULL
exec sp_addlinkedserver rmt31, 'false', 'sa', 'sa'

```

```

--
-- partition 32 is on host rnode32
--

```

```

exec sp_dropserver rmt32, droplogins
exec sp_addlinkedserver 'rmt32'
exec sp_setnetname 'rmt32', 'rnode32'
exec sp_serveroption 'rmt32', 'lazy schema validation', 'true'
exec sp_droplinkedserver rmt32, NULL
exec sp_addlinkedserver rmt32, 'false', 'sa', 'sa'

```

add_views1.sql

```
-- file 1_to_1800\add_views.sql
```

```

set ansi_warnings on
set ansi_nulls on
go

```

```

use tpcc
go

```

```

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

```

```

--add views for partition 1
create view warehouse as
select * from /*rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all

```

```

select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt1.tpcc.dbo.*/t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all

```

```

select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

```

```

create view customer as
select * from /*rmt1.tpcc.dbo.*/t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all

```

```

select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt1.tpcc.dbo.*/t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all

```

```

select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt1.tpcc.dbo.*/t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all

```



```

select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

```

```

create view orders as
select * from /*rmt1.tpcc.dbo.*/t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all

```

```

select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt1.tpcc.dbo.*/t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all

```

```

select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt1.tpcc.dbo.*/t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all

```

```

select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

```

```

create view item as
select * from t_item
go

```

add_views2.sql

```

-- file 1801_to_3600\add_views.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

--add views for partition 2
create view warehouse as
select * from /*rmt2.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all

```

```

select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt2.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all

```

```

select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

```

```

create view customer as
select * from /*rmt2.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all

```

```

select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt2.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all

```

```

select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt2.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all

```

```

select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

create view orders as
select * from /*rmt2.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all

```

```

select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt2.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all

```

```

select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

```

```

create view new_order as
select * from /*rmt2.tpcc.dbo.t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all

```

```

select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

```

```

create view item as
select * from t_item
go

```

add_views3.sql

```

-- file 3601_to_5400\add_views.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line

```

```
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go
```

```
--add views for partition 3
create view warehouse as
select * from /*rmt3.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
```

```
select * from rmt32.tpcc.dbo.t_warehouse
go
```

```
create view district as
select * from /*rmt3.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go
```

```

create view customer as
select * from /*rmt3.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```
create view history as
```

```

select * from /*rmt3.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt3.tpcc.dbo.*/t_stock
union all

```



```

select * from rmt1.tpc.dbo.t_stock
union all
select * from rmt2.tpc.dbo.t_stock
union all
select * from rmt4.tpc.dbo.t_stock
union all
select * from rmt5.tpc.dbo.t_stock
union all
select * from rmt6.tpc.dbo.t_stock
union all
select * from rmt7.tpc.dbo.t_stock
union all
select * from rmt8.tpc.dbo.t_stock
union all
select * from rmt9.tpc.dbo.t_stock
union all
select * from rmt10.tpc.dbo.t_stock
union all
select * from rmt11.tpc.dbo.t_stock
union all
select * from rmt12.tpc.dbo.t_stock
union all
select * from rmt13.tpc.dbo.t_stock
union all
select * from rmt14.tpc.dbo.t_stock
union all
select * from rmt15.tpc.dbo.t_stock
union all
select * from rmt16.tpc.dbo.t_stock
union all
select * from rmt17.tpc.dbo.t_stock
union all
select * from rmt18.tpc.dbo.t_stock
union all
select * from rmt19.tpc.dbo.t_stock
union all
select * from rmt20.tpc.dbo.t_stock
union all
select * from rmt21.tpc.dbo.t_stock
union all
select * from rmt22.tpc.dbo.t_stock
union all
select * from rmt23.tpc.dbo.t_stock
union all
select * from rmt24.tpc.dbo.t_stock
union all
select * from rmt25.tpc.dbo.t_stock
union all
select * from rmt26.tpc.dbo.t_stock
union all
select * from rmt27.tpc.dbo.t_stock
union all
select * from rmt28.tpc.dbo.t_stock
union all
select * from rmt29.tpc.dbo.t_stock
union all
select * from rmt30.tpc.dbo.t_stock
union all
select * from rmt31.tpc.dbo.t_stock
union all
select * from rmt32.tpc.dbo.t_stock
go

create view orders as
select * from /*rmt3.tpc.dbo.*/t_orders
union all
select * from rmt1.tpc.dbo.t_orders
union all

```

```

select * from rmt2.tpc.dbo.t_orders
union all
select * from rmt4.tpc.dbo.t_orders
union all
select * from rmt5.tpc.dbo.t_orders
union all
select * from rmt6.tpc.dbo.t_orders
union all
select * from rmt7.tpc.dbo.t_orders
union all
select * from rmt8.tpc.dbo.t_orders
union all
select * from rmt9.tpc.dbo.t_orders
union all
select * from rmt10.tpc.dbo.t_orders
union all
select * from rmt11.tpc.dbo.t_orders
union all
select * from rmt12.tpc.dbo.t_orders
union all
select * from rmt13.tpc.dbo.t_orders
union all
select * from rmt14.tpc.dbo.t_orders
union all
select * from rmt15.tpc.dbo.t_orders
union all
select * from rmt16.tpc.dbo.t_orders
union all
select * from rmt17.tpc.dbo.t_orders
union all
select * from rmt18.tpc.dbo.t_orders
union all
select * from rmt19.tpc.dbo.t_orders
union all
select * from rmt20.tpc.dbo.t_orders
union all
select * from rmt21.tpc.dbo.t_orders
union all
select * from rmt22.tpc.dbo.t_orders
union all
select * from rmt23.tpc.dbo.t_orders
union all
select * from rmt24.tpc.dbo.t_orders
union all
select * from rmt25.tpc.dbo.t_orders
union all
select * from rmt26.tpc.dbo.t_orders
union all
select * from rmt27.tpc.dbo.t_orders
union all
select * from rmt28.tpc.dbo.t_orders
union all
select * from rmt29.tpc.dbo.t_orders
union all
select * from rmt30.tpc.dbo.t_orders
union all
select * from rmt31.tpc.dbo.t_orders
union all
select * from rmt32.tpc.dbo.t_orders
go

create view order_line as
select * from /*rmt3.tpc.dbo.*/t_order_line
union all
select * from rmt1.tpc.dbo.t_order_line
union all
select * from rmt2.tpc.dbo.t_order_line
union all

```

```

select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt3.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all

```

```

select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

create view item as
select * from t_item
go

add_views4.sql

-- file 5401_to_7200\add_views.sql

set ansi_warnings on

```

```

set ansi_nulls on
go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

--add views for partition 4
create view warehouse as
select * from /*rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all

```

```

select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go

create view district as
select * from /*rmt4.tpcc.dbo.t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all

```

```

select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

```

```

create view customer as
select * from /*rmt4.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all

```

```

select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt4.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all

```

```

select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt4.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all

```

```

select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

create view orders as
select * from /*rmt4.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all

```

```

select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt4.tpcc.dbo.*t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all

```

```

select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt4.tpcc.dbo.*t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all

```

```
select * from rmt32.tpcc.dbo.t_new_order
go
```

```
create view item as
select * from t_item
go
```

add_views5.sql

```
-- file 7201_to_9000\add_views.sql
```

```
set ansi_warnings on
set ansi_nulls on
go
```

```
use tpcc
go
```

```
-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go
```

```
--add views for partition 5
create view warehouse as
select * from /*rmt5.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
```

```
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go
```

```
create view district as
select * from /*rmt5.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
```

```

select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

```

```

create view customer as
select * from /*rmt5.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all

```

```

select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt5.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all

```



```

select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt5.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all

```

```

select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

```

```

create view orders as
select * from /*rmt5.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all

```

```

select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

```

```

create view order_line as
select * from /*rmt5.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all

```

```

select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

```

```

create view new_order as
select * from /*rmt5.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all

```

```

select * from rmt25.tpc.dbo.t_new_order
union all
select * from rmt26.tpc.dbo.t_new_order
union all
select * from rmt27.tpc.dbo.t_new_order
union all
select * from rmt28.tpc.dbo.t_new_order
union all
select * from rmt29.tpc.dbo.t_new_order
union all
select * from rmt30.tpc.dbo.t_new_order
union all
select * from rmt31.tpc.dbo.t_new_order
union all
select * from rmt32.tpc.dbo.t_new_order
go

```

```

create view item as
select * from t_item
go

```

add_views6.sql

```
-- file 9001_to_10800\add_views.sql
```

```

set ansi_warnings on
set ansi_nulls on
go

```

```

use tpcc
go

```

```

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

```

```

--add views for partition 6
create view warehouse as
select * from /*rmt6.tpc.dbo.*/t_warehouse
union all
select * from rmt1.tpc.dbo.t_warehouse
union all
select * from rmt2.tpc.dbo.t_warehouse
union all
select * from rmt3.tpc.dbo.t_warehouse
union all
select * from rmt4.tpc.dbo.t_warehouse
union all
select * from rmt5.tpc.dbo.t_warehouse
union all
select * from rmt7.tpc.dbo.t_warehouse
union all
select * from rmt8.tpc.dbo.t_warehouse
union all
select * from rmt9.tpc.dbo.t_warehouse
union all
select * from rmt10.tpc.dbo.t_warehouse
union all

```

```

select * from rmt11.tpc.dbo.t_warehouse
union all
select * from rmt12.tpc.dbo.t_warehouse
union all
select * from rmt13.tpc.dbo.t_warehouse
union all
select * from rmt14.tpc.dbo.t_warehouse
union all
select * from rmt15.tpc.dbo.t_warehouse
union all
select * from rmt16.tpc.dbo.t_warehouse
union all
select * from rmt17.tpc.dbo.t_warehouse
union all
select * from rmt18.tpc.dbo.t_warehouse
union all
select * from rmt19.tpc.dbo.t_warehouse
union all
select * from rmt20.tpc.dbo.t_warehouse
union all
select * from rmt21.tpc.dbo.t_warehouse
union all
select * from rmt22.tpc.dbo.t_warehouse
union all
select * from rmt23.tpc.dbo.t_warehouse
union all
select * from rmt24.tpc.dbo.t_warehouse
union all
select * from rmt25.tpc.dbo.t_warehouse
union all
select * from rmt26.tpc.dbo.t_warehouse
union all
select * from rmt27.tpc.dbo.t_warehouse
union all
select * from rmt28.tpc.dbo.t_warehouse
union all
select * from rmt29.tpc.dbo.t_warehouse
union all
select * from rmt30.tpc.dbo.t_warehouse
union all
select * from rmt31.tpc.dbo.t_warehouse
union all
select * from rmt32.tpc.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt6.tpc.dbo.*/t_district
union all
select * from rmt1.tpc.dbo.t_district
union all
select * from rmt2.tpc.dbo.t_district
union all
select * from rmt3.tpc.dbo.t_district
union all
select * from rmt4.tpc.dbo.t_district
union all
select * from rmt5.tpc.dbo.t_district
union all
select * from rmt7.tpc.dbo.t_district
union all
select * from rmt8.tpc.dbo.t_district
union all
select * from rmt9.tpc.dbo.t_district
union all
select * from rmt10.tpc.dbo.t_district
union all
select * from rmt11.tpc.dbo.t_district
union all

```

```

select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

```

```

create view customer as
select * from /*rmt6.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all

```

```

select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt6.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all

```

```

select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt6.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all

```

```

select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

create view orders as
select * from /*rmt6.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all

```

```

select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt6.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all

```

```

select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt6.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all

```

```

select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

```

```

create view item as
select * from t_item
go

```

add_views7.sql

```
-- file 10801_to_12600\add_views.sql
```

```

set ansi_warnings on
set ansi_nulls on
go

```

```

use tpcc
go

```

```

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

```

```

--add views for partition 7
create view warehouse as
select * from /*rmt7.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all

```

```

select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt7.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all

```

```

select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

```

```

create view customer as
select * from /*rmt7.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all

```

```

select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt7.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all

```



```

select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt7.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all

```

```

select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

```

```

create view orders as
select * from /*rmt7.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all

```

```

select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt7.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all

```

```

select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt7.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all

```

```

select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

```

```

create view item as
select * from t_item
go

```

add_views8.sql

```
-- file 12601_to_14400\add_views.sql
```

```

set ansi_warnings on
set ansi_nulls on
go

```

```

use tpcc
go

```

```

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order

```

```

if object_id('item') is not null drop view item
go

```

```

--add views for partition 8
create view warehouse as
select * from /*rmt8.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse

```

```

go

create view district as
select * from /*rmt8.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

```

```

create view customer as
select * from /*rmt8.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

create view history as
select * from /*rmt8.tpcc.dbo.*/t_history

```

```

union all
select * from rmt1.tpc.dbo.t_history
union all
select * from rmt2.tpc.dbo.t_history
union all
select * from rmt3.tpc.dbo.t_history
union all
select * from rmt4.tpc.dbo.t_history
union all
select * from rmt5.tpc.dbo.t_history
union all
select * from rmt6.tpc.dbo.t_history
union all
select * from rmt7.tpc.dbo.t_history
union all
select * from rmt9.tpc.dbo.t_history
union all
select * from rmt10.tpc.dbo.t_history
union all
select * from rmt11.tpc.dbo.t_history
union all
select * from rmt12.tpc.dbo.t_history
union all
select * from rmt13.tpc.dbo.t_history
union all
select * from rmt14.tpc.dbo.t_history
union all
select * from rmt15.tpc.dbo.t_history
union all
select * from rmt16.tpc.dbo.t_history
union all
select * from rmt17.tpc.dbo.t_history
union all
select * from rmt18.tpc.dbo.t_history
union all
select * from rmt19.tpc.dbo.t_history
union all
select * from rmt20.tpc.dbo.t_history
union all
select * from rmt21.tpc.dbo.t_history
union all
select * from rmt22.tpc.dbo.t_history
union all
select * from rmt23.tpc.dbo.t_history
union all
select * from rmt24.tpc.dbo.t_history
union all
select * from rmt25.tpc.dbo.t_history
union all
select * from rmt26.tpc.dbo.t_history
union all
select * from rmt27.tpc.dbo.t_history
union all
select * from rmt28.tpc.dbo.t_history
union all
select * from rmt29.tpc.dbo.t_history
union all
select * from rmt30.tpc.dbo.t_history
union all
select * from rmt31.tpc.dbo.t_history
union all
select * from rmt32.tpc.dbo.t_history
go

create view stock as
select * from /*rmt8.tpc.dbo.*/t_stock
union all
select * from rmt1.tpc.dbo.t_stock

```

```

union all
select * from rmt2.tpc.dbo.t_stock
union all
select * from rmt3.tpc.dbo.t_stock
union all
select * from rmt4.tpc.dbo.t_stock
union all
select * from rmt5.tpc.dbo.t_stock
union all
select * from rmt6.tpc.dbo.t_stock
union all
select * from rmt7.tpc.dbo.t_stock
union all
select * from rmt9.tpc.dbo.t_stock
union all
select * from rmt10.tpc.dbo.t_stock
union all
select * from rmt11.tpc.dbo.t_stock
union all
select * from rmt12.tpc.dbo.t_stock
union all
select * from rmt13.tpc.dbo.t_stock
union all
select * from rmt14.tpc.dbo.t_stock
union all
select * from rmt15.tpc.dbo.t_stock
union all
select * from rmt16.tpc.dbo.t_stock
union all
select * from rmt17.tpc.dbo.t_stock
union all
select * from rmt18.tpc.dbo.t_stock
union all
select * from rmt19.tpc.dbo.t_stock
union all
select * from rmt20.tpc.dbo.t_stock
union all
select * from rmt21.tpc.dbo.t_stock
union all
select * from rmt22.tpc.dbo.t_stock
union all
select * from rmt23.tpc.dbo.t_stock
union all
select * from rmt24.tpc.dbo.t_stock
union all
select * from rmt25.tpc.dbo.t_stock
union all
select * from rmt26.tpc.dbo.t_stock
union all
select * from rmt27.tpc.dbo.t_stock
union all
select * from rmt28.tpc.dbo.t_stock
union all
select * from rmt29.tpc.dbo.t_stock
union all
select * from rmt30.tpc.dbo.t_stock
union all
select * from rmt31.tpc.dbo.t_stock
union all
select * from rmt32.tpc.dbo.t_stock
go

create view orders as
select * from /*rmt8.tpc.dbo.*/t_orders
union all
select * from rmt1.tpc.dbo.t_orders
union all
select * from rmt2.tpc.dbo.t_orders

```

```

union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt8.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line

```

```

union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt8.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order

```

```

union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

create view item as
select * from t_item
go

```

add_views9.sql

```
-- file 14401_to_16200\add_views.sql
```

```
set ansi_warnings on
set ansi_nulls on
```

```

go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

--add views for partition 9
create view warehouse as
select * from /*rmt9.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse

```

```

union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt9.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district

```

```

union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

create view customer as
select * from /*rmt9.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer

```



```

union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt9.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history

```

```

union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt9.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock

```

```

union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

```

```

create view orders as
select * from /*rmt9.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders

```

```

union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt9.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line

```

```

union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt9.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order

```

```

go

create view item as
select * from t_item
go

add_views10.sql

-- file 16201_to_18000\add_views.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

--add views for partition 10
create view warehouse as
select * from /*rmt10.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse

```

```

union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt10.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district

```

```

union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

```

```

create view customer as
select * from /*rmt10.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer

```

```

union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt10.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history

```

```

union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt10.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock

```

```

union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

```

```

create view orders as
select * from /*rmt10.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders

```

```

union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt10.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line

```

```

union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt10.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order

```

```

union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

create view item as
select * from t_item
go

```

add_views11.sql

```

-- file 18001_to_19800\add_views.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

--add views for partition 11
create view warehouse as
select * from /*rmt11.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse

```

```

union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt11.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district

```

```

union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

create view customer as
select * from /*rmt11.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer

```



```

union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

create view history as
select * from /*rmt11.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history

```

```

union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

create view stock as
select * from /*rmt11.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock

```

```

union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

```

```

create view orders as
select * from /*rmt11.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders

```

```

union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

```

```

create view order_line as
select * from /*rmt11.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line

```

```

union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt11.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order

```

```

union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

create view item as
select * from t_item
go

```

add_views12.sql

```

-- file 19801_to_21600\add_views.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

--add views for partition 12
create view warehouse as
select * from /*rmt12.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse

```

```

union all
select * from rmt4.tpc.dbo.t_warehouse
union all
select * from rmt5.tpc.dbo.t_warehouse
union all
select * from rmt6.tpc.dbo.t_warehouse
union all
select * from rmt7.tpc.dbo.t_warehouse
union all
select * from rmt8.tpc.dbo.t_warehouse
union all
select * from rmt9.tpc.dbo.t_warehouse
union all
select * from rmt10.tpc.dbo.t_warehouse
union all
select * from rmt11.tpc.dbo.t_warehouse
union all
select * from rmt13.tpc.dbo.t_warehouse
union all
select * from rmt14.tpc.dbo.t_warehouse
union all
select * from rmt15.tpc.dbo.t_warehouse
union all
select * from rmt16.tpc.dbo.t_warehouse
union all
select * from rmt17.tpc.dbo.t_warehouse
union all
select * from rmt18.tpc.dbo.t_warehouse
union all
select * from rmt19.tpc.dbo.t_warehouse
union all
select * from rmt20.tpc.dbo.t_warehouse
union all
select * from rmt21.tpc.dbo.t_warehouse
union all
select * from rmt22.tpc.dbo.t_warehouse
union all
select * from rmt23.tpc.dbo.t_warehouse
union all
select * from rmt24.tpc.dbo.t_warehouse
union all
select * from rmt25.tpc.dbo.t_warehouse
union all
select * from rmt26.tpc.dbo.t_warehouse
union all
select * from rmt27.tpc.dbo.t_warehouse
union all
select * from rmt28.tpc.dbo.t_warehouse
union all
select * from rmt29.tpc.dbo.t_warehouse
union all
select * from rmt30.tpc.dbo.t_warehouse
union all
select * from rmt31.tpc.dbo.t_warehouse
union all
select * from rmt32.tpc.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt12.tpc.dbo.*/t_district
union all
select * from rmt1.tpc.dbo.t_district
union all
select * from rmt2.tpc.dbo.t_district
union all
select * from rmt3.tpc.dbo.t_district
union all
select * from rmt4.tpc.dbo.t_district

```

```

union all
select * from rmt5.tpc.dbo.t_district
union all
select * from rmt6.tpc.dbo.t_district
union all
select * from rmt7.tpc.dbo.t_district
union all
select * from rmt8.tpc.dbo.t_district
union all
select * from rmt9.tpc.dbo.t_district
union all
select * from rmt10.tpc.dbo.t_district
union all
select * from rmt11.tpc.dbo.t_district
union all
select * from rmt13.tpc.dbo.t_district
union all
select * from rmt14.tpc.dbo.t_district
union all
select * from rmt15.tpc.dbo.t_district
union all
select * from rmt16.tpc.dbo.t_district
union all
select * from rmt17.tpc.dbo.t_district
union all
select * from rmt18.tpc.dbo.t_district
union all
select * from rmt19.tpc.dbo.t_district
union all
select * from rmt20.tpc.dbo.t_district
union all
select * from rmt21.tpc.dbo.t_district
union all
select * from rmt22.tpc.dbo.t_district
union all
select * from rmt23.tpc.dbo.t_district
union all
select * from rmt24.tpc.dbo.t_district
union all
select * from rmt25.tpc.dbo.t_district
union all
select * from rmt26.tpc.dbo.t_district
union all
select * from rmt27.tpc.dbo.t_district
union all
select * from rmt28.tpc.dbo.t_district
union all
select * from rmt29.tpc.dbo.t_district
union all
select * from rmt30.tpc.dbo.t_district
union all
select * from rmt31.tpc.dbo.t_district
union all
select * from rmt32.tpc.dbo.t_district
go

```

```

create view customer as
select * from /*rmt12.tpc.dbo.*/t_customer
union all
select * from rmt1.tpc.dbo.t_customer
union all
select * from rmt2.tpc.dbo.t_customer
union all
select * from rmt3.tpc.dbo.t_customer
union all
select * from rmt4.tpc.dbo.t_customer
union all
select * from rmt5.tpc.dbo.t_customer

```

```

union all
select * from rmt6.tpc.dbo.t_customer
union all
select * from rmt7.tpc.dbo.t_customer
union all
select * from rmt8.tpc.dbo.t_customer
union all
select * from rmt9.tpc.dbo.t_customer
union all
select * from rmt10.tpc.dbo.t_customer
union all
select * from rmt11.tpc.dbo.t_customer
union all
select * from rmt13.tpc.dbo.t_customer
union all
select * from rmt14.tpc.dbo.t_customer
union all
select * from rmt15.tpc.dbo.t_customer
union all
select * from rmt16.tpc.dbo.t_customer
union all
select * from rmt17.tpc.dbo.t_customer
union all
select * from rmt18.tpc.dbo.t_customer
union all
select * from rmt19.tpc.dbo.t_customer
union all
select * from rmt20.tpc.dbo.t_customer
union all
select * from rmt21.tpc.dbo.t_customer
union all
select * from rmt22.tpc.dbo.t_customer
union all
select * from rmt23.tpc.dbo.t_customer
union all
select * from rmt24.tpc.dbo.t_customer
union all
select * from rmt25.tpc.dbo.t_customer
union all
select * from rmt26.tpc.dbo.t_customer
union all
select * from rmt27.tpc.dbo.t_customer
union all
select * from rmt28.tpc.dbo.t_customer
union all
select * from rmt29.tpc.dbo.t_customer
union all
select * from rmt30.tpc.dbo.t_customer
union all
select * from rmt31.tpc.dbo.t_customer
union all
select * from rmt32.tpc.dbo.t_customer
go

create view history as
select * from /*rmt12.tpc.dbo.*/t_history
union all
select * from rmt1.tpc.dbo.t_history
union all
select * from rmt2.tpc.dbo.t_history
union all
select * from rmt3.tpc.dbo.t_history
union all
select * from rmt4.tpc.dbo.t_history
union all
select * from rmt5.tpc.dbo.t_history
union all
select * from rmt6.tpc.dbo.t_history

```

```

union all
select * from rmt7.tpc.dbo.t_history
union all
select * from rmt8.tpc.dbo.t_history
union all
select * from rmt9.tpc.dbo.t_history
union all
select * from rmt10.tpc.dbo.t_history
union all
select * from rmt11.tpc.dbo.t_history
union all
select * from rmt13.tpc.dbo.t_history
union all
select * from rmt14.tpc.dbo.t_history
union all
select * from rmt15.tpc.dbo.t_history
union all
select * from rmt16.tpc.dbo.t_history
union all
select * from rmt17.tpc.dbo.t_history
union all
select * from rmt18.tpc.dbo.t_history
union all
select * from rmt19.tpc.dbo.t_history
union all
select * from rmt20.tpc.dbo.t_history
union all
select * from rmt21.tpc.dbo.t_history
union all
select * from rmt22.tpc.dbo.t_history
union all
select * from rmt23.tpc.dbo.t_history
union all
select * from rmt24.tpc.dbo.t_history
union all
select * from rmt25.tpc.dbo.t_history
union all
select * from rmt26.tpc.dbo.t_history
union all
select * from rmt27.tpc.dbo.t_history
union all
select * from rmt28.tpc.dbo.t_history
union all
select * from rmt29.tpc.dbo.t_history
union all
select * from rmt30.tpc.dbo.t_history
union all
select * from rmt31.tpc.dbo.t_history
union all
select * from rmt32.tpc.dbo.t_history
go

create view stock as
select * from /*rmt12.tpc.dbo.*/t_stock
union all
select * from rmt1.tpc.dbo.t_stock
union all
select * from rmt2.tpc.dbo.t_stock
union all
select * from rmt3.tpc.dbo.t_stock
union all
select * from rmt4.tpc.dbo.t_stock
union all
select * from rmt5.tpc.dbo.t_stock
union all
select * from rmt6.tpc.dbo.t_stock
union all
select * from rmt7.tpc.dbo.t_stock

```

```

union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

create view orders as
select * from /*rmt12.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders

```

```

union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt12.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line

```

```

union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt12.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order

```

```

union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

```

```

create view item as
select * from t_item
go

```

add_views13.sql

```

-- file 21601_to_23400\add_views.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line

```

```
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go
```

```
--add views for partition 13
create view warehouse as
select * from /*rmt13.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
```

```
select * from rmt32.tpcc.dbo.t_warehouse
go

create view district as
select * from /*rmt13.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go
```



```

create view customer as
select * from /*rmt13.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```
create view history as
```

```

select * from /*rmt13.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt13.tpcc.dbo.*/t_stock
union all

```

```

select * from rmt1.tpc.dbo.t_stock
union all
select * from rmt2.tpc.dbo.t_stock
union all
select * from rmt3.tpc.dbo.t_stock
union all
select * from rmt4.tpc.dbo.t_stock
union all
select * from rmt5.tpc.dbo.t_stock
union all
select * from rmt6.tpc.dbo.t_stock
union all
select * from rmt7.tpc.dbo.t_stock
union all
select * from rmt8.tpc.dbo.t_stock
union all
select * from rmt9.tpc.dbo.t_stock
union all
select * from rmt10.tpc.dbo.t_stock
union all
select * from rmt11.tpc.dbo.t_stock
union all
select * from rmt12.tpc.dbo.t_stock
union all
select * from rmt14.tpc.dbo.t_stock
union all
select * from rmt15.tpc.dbo.t_stock
union all
select * from rmt16.tpc.dbo.t_stock
union all
select * from rmt17.tpc.dbo.t_stock
union all
select * from rmt18.tpc.dbo.t_stock
union all
select * from rmt19.tpc.dbo.t_stock
union all
select * from rmt20.tpc.dbo.t_stock
union all
select * from rmt21.tpc.dbo.t_stock
union all
select * from rmt22.tpc.dbo.t_stock
union all
select * from rmt23.tpc.dbo.t_stock
union all
select * from rmt24.tpc.dbo.t_stock
union all
select * from rmt25.tpc.dbo.t_stock
union all
select * from rmt26.tpc.dbo.t_stock
union all
select * from rmt27.tpc.dbo.t_stock
union all
select * from rmt28.tpc.dbo.t_stock
union all
select * from rmt29.tpc.dbo.t_stock
union all
select * from rmt30.tpc.dbo.t_stock
union all
select * from rmt31.tpc.dbo.t_stock
union all
select * from rmt32.tpc.dbo.t_stock
go

create view orders as
select * from /*rmt13.tpc.dbo.*/t_orders
union all
select * from rmt1.tpc.dbo.t_orders
union all

```

```

select * from rmt2.tpc.dbo.t_orders
union all
select * from rmt3.tpc.dbo.t_orders
union all
select * from rmt4.tpc.dbo.t_orders
union all
select * from rmt5.tpc.dbo.t_orders
union all
select * from rmt6.tpc.dbo.t_orders
union all
select * from rmt7.tpc.dbo.t_orders
union all
select * from rmt8.tpc.dbo.t_orders
union all
select * from rmt9.tpc.dbo.t_orders
union all
select * from rmt10.tpc.dbo.t_orders
union all
select * from rmt11.tpc.dbo.t_orders
union all
select * from rmt12.tpc.dbo.t_orders
union all
select * from rmt14.tpc.dbo.t_orders
union all
select * from rmt15.tpc.dbo.t_orders
union all
select * from rmt16.tpc.dbo.t_orders
union all
select * from rmt17.tpc.dbo.t_orders
union all
select * from rmt18.tpc.dbo.t_orders
union all
select * from rmt19.tpc.dbo.t_orders
union all
select * from rmt20.tpc.dbo.t_orders
union all
select * from rmt21.tpc.dbo.t_orders
union all
select * from rmt22.tpc.dbo.t_orders
union all
select * from rmt23.tpc.dbo.t_orders
union all
select * from rmt24.tpc.dbo.t_orders
union all
select * from rmt25.tpc.dbo.t_orders
union all
select * from rmt26.tpc.dbo.t_orders
union all
select * from rmt27.tpc.dbo.t_orders
union all
select * from rmt28.tpc.dbo.t_orders
union all
select * from rmt29.tpc.dbo.t_orders
union all
select * from rmt30.tpc.dbo.t_orders
union all
select * from rmt31.tpc.dbo.t_orders
union all
select * from rmt32.tpc.dbo.t_orders
go

create view order_line as
select * from /*rmt13.tpc.dbo.*/t_order_line
union all
select * from rmt1.tpc.dbo.t_order_line
union all
select * from rmt2.tpc.dbo.t_order_line
union all

```

```

select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt13.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all

```

```

select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

create view item as
select * from t_item
go

add_views14.sql

-- file 23401_to_25200\add_views.sql

set ansi_warnings on

```

```

set ansi_nulls on
go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

--add views for partition 14
create view warehouse as
select * from /*rmt14.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all

```

```

select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go

create view district as
select * from /*rmt14.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all

```

```

select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

```

```

create view customer as
select * from /*rmt14.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all

```

```

select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt14.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all

```

```

select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

create view stock as
select * from /*rmt14.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all

```

```

select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

create view orders as
select * from /*rmt14.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all

```

```

select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt14.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all

```

```

select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt14.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all

```

```
select * from rmt32.tpcc.dbo.t_new_order
go
```

```
create view item as
select * from t_item
go
```

add_views15.sql

```
-- file 25201_to_27000\add_views.sql
```

```
set ansi_warnings on
set ansi_nulls on
go
```

```
use tpcc
go
```

```
-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go
```

```
--add views for partition 15
create view warehouse as
select * from /*rmt15.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
```

```
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go
```

```
create view district as
select * from /*rmt15.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
```



```

select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

```

```

create view customer as
select * from /*rmt15.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all

```

```

select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt15.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all

```

```

select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt15.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all

```

```

select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

```

```

create view orders as
select * from /*rmt15.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all

```

```

select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt15.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all

```

```

select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt15.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all

```

```

select * from rmt25.tpc.dbo.t_new_order
union all
select * from rmt26.tpc.dbo.t_new_order
union all
select * from rmt27.tpc.dbo.t_new_order
union all
select * from rmt28.tpc.dbo.t_new_order
union all
select * from rmt29.tpc.dbo.t_new_order
union all
select * from rmt30.tpc.dbo.t_new_order
union all
select * from rmt31.tpc.dbo.t_new_order
union all
select * from rmt32.tpc.dbo.t_new_order
go

```

```

create view item as
select * from t_item
go

```

add_views16.sql

```
-- file 27001_to_28800\add_views.sql
```

```

set ansi_warnings on
set ansi_nulls on
go

```

```

use tpcc
go

```

```

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

```

```

--add views for partition 16
create view warehouse as
select * from /*rmt16.tpc.dbo.*/t_warehouse
union all
select * from rmt1.tpc.dbo.t_warehouse
union all
select * from rmt2.tpc.dbo.t_warehouse
union all
select * from rmt3.tpc.dbo.t_warehouse
union all
select * from rmt4.tpc.dbo.t_warehouse
union all
select * from rmt5.tpc.dbo.t_warehouse
union all
select * from rmt6.tpc.dbo.t_warehouse
union all
select * from rmt7.tpc.dbo.t_warehouse
union all
select * from rmt8.tpc.dbo.t_warehouse
union all
select * from rmt9.tpc.dbo.t_warehouse
union all

```

```

select * from rmt10.tpc.dbo.t_warehouse
union all
select * from rmt11.tpc.dbo.t_warehouse
union all
select * from rmt12.tpc.dbo.t_warehouse
union all
select * from rmt13.tpc.dbo.t_warehouse
union all
select * from rmt14.tpc.dbo.t_warehouse
union all
select * from rmt15.tpc.dbo.t_warehouse
union all
select * from rmt17.tpc.dbo.t_warehouse
union all
select * from rmt18.tpc.dbo.t_warehouse
union all
select * from rmt19.tpc.dbo.t_warehouse
union all
select * from rmt20.tpc.dbo.t_warehouse
union all
select * from rmt21.tpc.dbo.t_warehouse
union all
select * from rmt22.tpc.dbo.t_warehouse
union all
select * from rmt23.tpc.dbo.t_warehouse
union all
select * from rmt24.tpc.dbo.t_warehouse
union all
select * from rmt25.tpc.dbo.t_warehouse
union all
select * from rmt26.tpc.dbo.t_warehouse
union all
select * from rmt27.tpc.dbo.t_warehouse
union all
select * from rmt28.tpc.dbo.t_warehouse
union all
select * from rmt29.tpc.dbo.t_warehouse
union all
select * from rmt30.tpc.dbo.t_warehouse
union all
select * from rmt31.tpc.dbo.t_warehouse
union all
select * from rmt32.tpc.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt16.tpc.dbo.*/t_district
union all
select * from rmt1.tpc.dbo.t_district
union all
select * from rmt2.tpc.dbo.t_district
union all
select * from rmt3.tpc.dbo.t_district
union all
select * from rmt4.tpc.dbo.t_district
union all
select * from rmt5.tpc.dbo.t_district
union all
select * from rmt6.tpc.dbo.t_district
union all
select * from rmt7.tpc.dbo.t_district
union all
select * from rmt8.tpc.dbo.t_district
union all
select * from rmt9.tpc.dbo.t_district
union all
select * from rmt10.tpc.dbo.t_district
union all

```

```

select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

create view customer as
select * from /*rmt16.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all

```

```

select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

create view history as
select * from /*rmt16.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all

```

```

select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

create view stock as
select * from /*rmt16.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all

```

```

select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

create view orders as
select * from /*rmt16.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all

```

```

select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt16.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all

```

```

select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt16.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all

```

```

select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

```

```

create view item as
select * from t_item
go

```

add_views17.sql

```
-- file 28801_to_30600\add_views.sql
```

```

set ansi_warnings on
set ansi_nulls on
go

```

```

use tpcc
go

```

```

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

```

```

--add views for partition 17
create view warehouse as
select * from /*rmt17.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all

```

```

select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt17.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all

```



```

select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

create view customer as
select * from /*rmt17.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all

```

```

select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

create view history as
select * from /*rmt17.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all

```

```

select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

create view stock as
select * from /*rmt17.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all

```

```

select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

create view orders as
select * from /*rmt17.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all

```

```

select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt17.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all

```

```

select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt17.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all

```

```

select * from rmt10.tpc.c.dbo.t_new_order
union all
select * from rmt11.tpc.c.dbo.t_new_order
union all
select * from rmt12.tpc.c.dbo.t_new_order
union all
select * from rmt13.tpc.c.dbo.t_new_order
union all
select * from rmt14.tpc.c.dbo.t_new_order
union all
select * from rmt15.tpc.c.dbo.t_new_order
union all
select * from rmt16.tpc.c.dbo.t_new_order
union all
select * from rmt18.tpc.c.dbo.t_new_order
union all
select * from rmt19.tpc.c.dbo.t_new_order
union all
select * from rmt20.tpc.c.dbo.t_new_order
union all
select * from rmt21.tpc.c.dbo.t_new_order
union all
select * from rmt22.tpc.c.dbo.t_new_order
union all
select * from rmt23.tpc.c.dbo.t_new_order
union all
select * from rmt24.tpc.c.dbo.t_new_order
union all
select * from rmt25.tpc.c.dbo.t_new_order
union all
select * from rmt26.tpc.c.dbo.t_new_order
union all
select * from rmt27.tpc.c.dbo.t_new_order
union all
select * from rmt28.tpc.c.dbo.t_new_order
union all
select * from rmt29.tpc.c.dbo.t_new_order
union all
select * from rmt30.tpc.c.dbo.t_new_order
union all
select * from rmt31.tpc.c.dbo.t_new_order
union all
select * from rmt32.tpc.c.dbo.t_new_order
go

```

```

create view item as
select * from t_item
go

```

add_views18.sql

```
-- file 30601_to_32400\add_views.sql
```

```

set ansi_warnings on
set ansi_nulls on
go

```

```

use tpcc
go

```

```

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock

```

```

if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

```

```

--add views for partition 18
create view warehouse as
select * from /*rmt18.tpc.c.dbo.t_warehouse
union all
select * from rmt1.tpc.c.dbo.t_warehouse
union all
select * from rmt2.tpc.c.dbo.t_warehouse
union all
select * from rmt3.tpc.c.dbo.t_warehouse
union all
select * from rmt4.tpc.c.dbo.t_warehouse
union all
select * from rmt5.tpc.c.dbo.t_warehouse
union all
select * from rmt6.tpc.c.dbo.t_warehouse
union all
select * from rmt7.tpc.c.dbo.t_warehouse
union all
select * from rmt8.tpc.c.dbo.t_warehouse
union all
select * from rmt9.tpc.c.dbo.t_warehouse
union all
select * from rmt10.tpc.c.dbo.t_warehouse
union all
select * from rmt11.tpc.c.dbo.t_warehouse
union all
select * from rmt12.tpc.c.dbo.t_warehouse
union all
select * from rmt13.tpc.c.dbo.t_warehouse
union all
select * from rmt14.tpc.c.dbo.t_warehouse
union all
select * from rmt15.tpc.c.dbo.t_warehouse
union all
select * from rmt16.tpc.c.dbo.t_warehouse
union all
select * from rmt17.tpc.c.dbo.t_warehouse
union all
select * from rmt19.tpc.c.dbo.t_warehouse
union all
select * from rmt20.tpc.c.dbo.t_warehouse
union all
select * from rmt21.tpc.c.dbo.t_warehouse
union all
select * from rmt22.tpc.c.dbo.t_warehouse
union all
select * from rmt23.tpc.c.dbo.t_warehouse
union all
select * from rmt24.tpc.c.dbo.t_warehouse
union all
select * from rmt25.tpc.c.dbo.t_warehouse
union all
select * from rmt26.tpc.c.dbo.t_warehouse
union all
select * from rmt27.tpc.c.dbo.t_warehouse
union all
select * from rmt28.tpc.c.dbo.t_warehouse
union all
select * from rmt29.tpc.c.dbo.t_warehouse
union all
select * from rmt30.tpc.c.dbo.t_warehouse
union all

```

```
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go
```

```
create view district as
select * from /*rmt18.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
```

```
select * from rmt32.tpcc.dbo.t_district
go

create view customer as
select * from /*rmt18.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go
```

```

create view history as
select * from /*rmt18.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

create view stock as

```

select * from /*rmt18.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

```

```

create view orders as
select * from /*rmt18.tpcc.dbo.*/t_orders
union all

```

```

select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt18.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all

```

```

select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt18.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all

```

```

select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

create view item as
select * from t_item
go

```

add_views19.sql

```
-- file 32401_to_34200\add_views.sql
```

```

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

--add views for partition 19
create view warehouse as
select * from /*rmt19.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all

```



```

select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt19.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all

```

```

select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

create view customer as
select * from /*rmt19.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all

```

```

select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt19.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all

```

```

select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt19.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all

```

```

select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

create view orders as
select * from /*rmt19.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all

```

```

select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt19.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all

```

```

select * from rmt30.tpc.dbo.t_order_line
union all
select * from rmt31.tpc.dbo.t_order_line
union all
select * from rmt32.tpc.dbo.t_order_line
go

create view new_order as
select * from /*rmt19.tpc.dbo.*/t_new_order
union all
select * from rmt1.tpc.dbo.t_new_order
union all
select * from rmt2.tpc.dbo.t_new_order
union all
select * from rmt3.tpc.dbo.t_new_order
union all
select * from rmt4.tpc.dbo.t_new_order
union all
select * from rmt5.tpc.dbo.t_new_order
union all
select * from rmt6.tpc.dbo.t_new_order
union all
select * from rmt7.tpc.dbo.t_new_order
union all
select * from rmt8.tpc.dbo.t_new_order
union all
select * from rmt9.tpc.dbo.t_new_order
union all
select * from rmt10.tpc.dbo.t_new_order
union all
select * from rmt11.tpc.dbo.t_new_order
union all
select * from rmt12.tpc.dbo.t_new_order
union all
select * from rmt13.tpc.dbo.t_new_order
union all
select * from rmt14.tpc.dbo.t_new_order
union all
select * from rmt15.tpc.dbo.t_new_order
union all
select * from rmt16.tpc.dbo.t_new_order
union all
select * from rmt17.tpc.dbo.t_new_order
union all
select * from rmt18.tpc.dbo.t_new_order
union all
select * from rmt20.tpc.dbo.t_new_order
union all
select * from rmt21.tpc.dbo.t_new_order
union all
select * from rmt22.tpc.dbo.t_new_order
union all
select * from rmt23.tpc.dbo.t_new_order
union all
select * from rmt24.tpc.dbo.t_new_order
union all
select * from rmt25.tpc.dbo.t_new_order
union all
select * from rmt26.tpc.dbo.t_new_order
union all
select * from rmt27.tpc.dbo.t_new_order
union all
select * from rmt28.tpc.dbo.t_new_order
union all
select * from rmt29.tpc.dbo.t_new_order
union all
select * from rmt30.tpc.dbo.t_new_order
union all

```

```

select * from rmt31.tpc.dbo.t_new_order
union all
select * from rmt32.tpc.dbo.t_new_order
go

create view item as
select * from t_item
go

```

add_views20.sql

```

-- file 34201_to_36000\add_views.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

--add views for partition 20
create view warehouse as
select * from /*rmt20.tpc.dbo.*/t_warehouse
union all
select * from rmt1.tpc.dbo.t_warehouse
union all
select * from rmt2.tpc.dbo.t_warehouse
union all
select * from rmt3.tpc.dbo.t_warehouse
union all
select * from rmt4.tpc.dbo.t_warehouse
union all
select * from rmt5.tpc.dbo.t_warehouse
union all
select * from rmt6.tpc.dbo.t_warehouse
union all
select * from rmt7.tpc.dbo.t_warehouse
union all
select * from rmt8.tpc.dbo.t_warehouse
union all
select * from rmt9.tpc.dbo.t_warehouse
union all
select * from rmt10.tpc.dbo.t_warehouse
union all
select * from rmt11.tpc.dbo.t_warehouse
union all
select * from rmt12.tpc.dbo.t_warehouse
union all
select * from rmt13.tpc.dbo.t_warehouse
union all
select * from rmt14.tpc.dbo.t_warehouse
union all
select * from rmt15.tpc.dbo.t_warehouse
union all

```

```

select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt20.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all

```

```

select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

```

```

create view customer as
select * from /*rmt20.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all

```

```

select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt20.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all

```

```

select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt20.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all

```

```

select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

```

```

create view orders as
select * from /*rmt20.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all

```

```

select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

```

```

create view order_line as
select * from /*rmt20.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all

```

```

select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt20.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all

```

```

select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

create view item as
select * from t_item
go

```

add_views21.sql

```

--file 36001_to_37800\add_constraints_t.sql

set ansi_warnings on

set ansi_nulls on

go

use tpcc

go

-- Drop any existing partitioning constraints
--

alter table t_warehouse drop constraint cnst_w_id

go

alter table t_district drop constraint cnst_d_w_id

go

alter table t_customer drop constraint cnst_c_w_id

go

```



```

alter table t_history drop constraint cnst_h_w_id
go

alter table t_stock drop constraint cnst_s_w_id
go

alter table t_orders drop constraint cnst_o_w_id
go

alter table t_order_line drop constraint cnst_ol_w_id
go

alter table t_new_order drop constraint cnst_no_w_id
go

-- Add partitioning constraints between 36001 and 37800
--

alter table t_warehouse add constraint cnst_w_id check
(w_id between convert(int,36001) and
convert(int,37800))
go

alter table t_district add constraint cnst_d_w_id check
(d_w_id between convert(int,36001) and
convert(int,37800))
go

alter table t_customer add constraint cnst_c_w_id check
(c_w_id between convert(int,36001) and
convert(int,37800))
go

alter table t_history add constraint cnst_h_w_id check
(h_w_id between convert(int,36001) and
convert(int,37800))
go

```

```

alter table t_stock add constraint cnst_s_w_id check
(s_w_id between convert(int,36001) and
convert(int,37800))
go

alter table t_orders add constraint cnst_o_w_id check
(o_w_id between convert(int,36001) and
convert(int,37800))
go

alter table t_order_line add constraint cnst_ol_w_id
check (ol_w_id between convert(int,36001) and
convert(int,37800))
go

alter table t_new_order add constraint cnst_no_w_id
check (no_w_id between convert(int,36001) and
convert(int,37800))
go

```

add_views22.sql

```

-- file 37801_to_39600\add_views.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

--add views for partition 22
create view warehouse as
select * from /*rmt22.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse

```

```

union all
select * from rmt4.tpc.dbo.t_warehouse
union all
select * from rmt5.tpc.dbo.t_warehouse
union all
select * from rmt6.tpc.dbo.t_warehouse
union all
select * from rmt7.tpc.dbo.t_warehouse
union all
select * from rmt8.tpc.dbo.t_warehouse
union all
select * from rmt9.tpc.dbo.t_warehouse
union all
select * from rmt10.tpc.dbo.t_warehouse
union all
select * from rmt11.tpc.dbo.t_warehouse
union all
select * from rmt12.tpc.dbo.t_warehouse
union all
select * from rmt13.tpc.dbo.t_warehouse
union all
select * from rmt14.tpc.dbo.t_warehouse
union all
select * from rmt15.tpc.dbo.t_warehouse
union all
select * from rmt16.tpc.dbo.t_warehouse
union all
select * from rmt17.tpc.dbo.t_warehouse
union all
select * from rmt18.tpc.dbo.t_warehouse
union all
select * from rmt19.tpc.dbo.t_warehouse
union all
select * from rmt20.tpc.dbo.t_warehouse
union all
select * from rmt21.tpc.dbo.t_warehouse
union all
select * from rmt23.tpc.dbo.t_warehouse
union all
select * from rmt24.tpc.dbo.t_warehouse
union all
select * from rmt25.tpc.dbo.t_warehouse
union all
select * from rmt26.tpc.dbo.t_warehouse
union all
select * from rmt27.tpc.dbo.t_warehouse
union all
select * from rmt28.tpc.dbo.t_warehouse
union all
select * from rmt29.tpc.dbo.t_warehouse
union all
select * from rmt30.tpc.dbo.t_warehouse
union all
select * from rmt31.tpc.dbo.t_warehouse
union all
select * from rmt32.tpc.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt22.tpc.dbo.*/t_district
union all
select * from rmt1.tpc.dbo.t_district
union all
select * from rmt2.tpc.dbo.t_district
union all
select * from rmt3.tpc.dbo.t_district
union all
select * from rmt4.tpc.dbo.t_district

```

```

union all
select * from rmt5.tpc.dbo.t_district
union all
select * from rmt6.tpc.dbo.t_district
union all
select * from rmt7.tpc.dbo.t_district
union all
select * from rmt8.tpc.dbo.t_district
union all
select * from rmt9.tpc.dbo.t_district
union all
select * from rmt10.tpc.dbo.t_district
union all
select * from rmt11.tpc.dbo.t_district
union all
select * from rmt12.tpc.dbo.t_district
union all
select * from rmt13.tpc.dbo.t_district
union all
select * from rmt14.tpc.dbo.t_district
union all
select * from rmt15.tpc.dbo.t_district
union all
select * from rmt16.tpc.dbo.t_district
union all
select * from rmt17.tpc.dbo.t_district
union all
select * from rmt18.tpc.dbo.t_district
union all
select * from rmt19.tpc.dbo.t_district
union all
select * from rmt20.tpc.dbo.t_district
union all
select * from rmt21.tpc.dbo.t_district
union all
select * from rmt23.tpc.dbo.t_district
union all
select * from rmt24.tpc.dbo.t_district
union all
select * from rmt25.tpc.dbo.t_district
union all
select * from rmt26.tpc.dbo.t_district
union all
select * from rmt27.tpc.dbo.t_district
union all
select * from rmt28.tpc.dbo.t_district
union all
select * from rmt29.tpc.dbo.t_district
union all
select * from rmt30.tpc.dbo.t_district
union all
select * from rmt31.tpc.dbo.t_district
union all
select * from rmt32.tpc.dbo.t_district
go

```

```

create view customer as
select * from /*rmt22.tpc.dbo.*/t_customer
union all
select * from rmt1.tpc.dbo.t_customer
union all
select * from rmt2.tpc.dbo.t_customer
union all
select * from rmt3.tpc.dbo.t_customer
union all
select * from rmt4.tpc.dbo.t_customer
union all
select * from rmt5.tpc.dbo.t_customer

```

```

union all
select * from rmt6.tpc.dbo.t_customer
union all
select * from rmt7.tpc.dbo.t_customer
union all
select * from rmt8.tpc.dbo.t_customer
union all
select * from rmt9.tpc.dbo.t_customer
union all
select * from rmt10.tpc.dbo.t_customer
union all
select * from rmt11.tpc.dbo.t_customer
union all
select * from rmt12.tpc.dbo.t_customer
union all
select * from rmt13.tpc.dbo.t_customer
union all
select * from rmt14.tpc.dbo.t_customer
union all
select * from rmt15.tpc.dbo.t_customer
union all
select * from rmt16.tpc.dbo.t_customer
union all
select * from rmt17.tpc.dbo.t_customer
union all
select * from rmt18.tpc.dbo.t_customer
union all
select * from rmt19.tpc.dbo.t_customer
union all
select * from rmt20.tpc.dbo.t_customer
union all
select * from rmt21.tpc.dbo.t_customer
union all
select * from rmt23.tpc.dbo.t_customer
union all
select * from rmt24.tpc.dbo.t_customer
union all
select * from rmt25.tpc.dbo.t_customer
union all
select * from rmt26.tpc.dbo.t_customer
union all
select * from rmt27.tpc.dbo.t_customer
union all
select * from rmt28.tpc.dbo.t_customer
union all
select * from rmt29.tpc.dbo.t_customer
union all
select * from rmt30.tpc.dbo.t_customer
union all
select * from rmt31.tpc.dbo.t_customer
union all
select * from rmt32.tpc.dbo.t_customer
go

create view history as
select * from /*rmt22.tpc.dbo.*/t_history
union all
select * from rmt1.tpc.dbo.t_history
union all
select * from rmt2.tpc.dbo.t_history
union all
select * from rmt3.tpc.dbo.t_history
union all
select * from rmt4.tpc.dbo.t_history
union all
select * from rmt5.tpc.dbo.t_history
union all
select * from rmt6.tpc.dbo.t_history

```

```

union all
select * from rmt7.tpc.dbo.t_history
union all
select * from rmt8.tpc.dbo.t_history
union all
select * from rmt9.tpc.dbo.t_history
union all
select * from rmt10.tpc.dbo.t_history
union all
select * from rmt11.tpc.dbo.t_history
union all
select * from rmt12.tpc.dbo.t_history
union all
select * from rmt13.tpc.dbo.t_history
union all
select * from rmt14.tpc.dbo.t_history
union all
select * from rmt15.tpc.dbo.t_history
union all
select * from rmt16.tpc.dbo.t_history
union all
select * from rmt17.tpc.dbo.t_history
union all
select * from rmt18.tpc.dbo.t_history
union all
select * from rmt19.tpc.dbo.t_history
union all
select * from rmt20.tpc.dbo.t_history
union all
select * from rmt21.tpc.dbo.t_history
union all
select * from rmt23.tpc.dbo.t_history
union all
select * from rmt24.tpc.dbo.t_history
union all
select * from rmt25.tpc.dbo.t_history
union all
select * from rmt26.tpc.dbo.t_history
union all
select * from rmt27.tpc.dbo.t_history
union all
select * from rmt28.tpc.dbo.t_history
union all
select * from rmt29.tpc.dbo.t_history
union all
select * from rmt30.tpc.dbo.t_history
union all
select * from rmt31.tpc.dbo.t_history
union all
select * from rmt32.tpc.dbo.t_history
go

create view stock as
select * from /*rmt22.tpc.dbo.*/t_stock
union all
select * from rmt1.tpc.dbo.t_stock
union all
select * from rmt2.tpc.dbo.t_stock
union all
select * from rmt3.tpc.dbo.t_stock
union all
select * from rmt4.tpc.dbo.t_stock
union all
select * from rmt5.tpc.dbo.t_stock
union all
select * from rmt6.tpc.dbo.t_stock
union all
select * from rmt7.tpc.dbo.t_stock

```

```

union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

create view orders as
select * from /*rmt22.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders

```

```

union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt22.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line

```

```

union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt22.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order

```

```

union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

create view item as
select * from t_item
go

```

add_views23.sql

```

-- file 39601_to_41400\add_views.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders

```

```

if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

```

```

--add views for partition 23
create view warehouse as
select * from /*rmt23.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse

```

```

union all
select * from rmt32.tpcc.dbo.t_warehouse
go

create view district as
select * from /*rmt23.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district

```

```

go

create view customer as
select * from /*rmt23.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt23.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

create view stock as
select * from /*rmt23.tpcc.dbo.*/t_stock

```

```

union all
select * from rmt1.tpc.dbo.t_stock
union all
select * from rmt2.tpc.dbo.t_stock
union all
select * from rmt3.tpc.dbo.t_stock
union all
select * from rmt4.tpc.dbo.t_stock
union all
select * from rmt5.tpc.dbo.t_stock
union all
select * from rmt6.tpc.dbo.t_stock
union all
select * from rmt7.tpc.dbo.t_stock
union all
select * from rmt8.tpc.dbo.t_stock
union all
select * from rmt9.tpc.dbo.t_stock
union all
select * from rmt10.tpc.dbo.t_stock
union all
select * from rmt11.tpc.dbo.t_stock
union all
select * from rmt12.tpc.dbo.t_stock
union all
select * from rmt13.tpc.dbo.t_stock
union all
select * from rmt14.tpc.dbo.t_stock
union all
select * from rmt15.tpc.dbo.t_stock
union all
select * from rmt16.tpc.dbo.t_stock
union all
select * from rmt17.tpc.dbo.t_stock
union all
select * from rmt18.tpc.dbo.t_stock
union all
select * from rmt19.tpc.dbo.t_stock
union all
select * from rmt20.tpc.dbo.t_stock
union all
select * from rmt21.tpc.dbo.t_stock
union all
select * from rmt22.tpc.dbo.t_stock
union all
select * from rmt24.tpc.dbo.t_stock
union all
select * from rmt25.tpc.dbo.t_stock
union all
select * from rmt26.tpc.dbo.t_stock
union all
select * from rmt27.tpc.dbo.t_stock
union all
select * from rmt28.tpc.dbo.t_stock
union all
select * from rmt29.tpc.dbo.t_stock
union all
select * from rmt30.tpc.dbo.t_stock
union all
select * from rmt31.tpc.dbo.t_stock
union all
select * from rmt32.tpc.dbo.t_stock
go

create view orders as
select * from /*rmt23.tpc.dbo.*/t_orders
union all
select * from rmt1.tpc.dbo.t_orders

```

```

union all
select * from rmt2.tpc.dbo.t_orders
union all
select * from rmt3.tpc.dbo.t_orders
union all
select * from rmt4.tpc.dbo.t_orders
union all
select * from rmt5.tpc.dbo.t_orders
union all
select * from rmt6.tpc.dbo.t_orders
union all
select * from rmt7.tpc.dbo.t_orders
union all
select * from rmt8.tpc.dbo.t_orders
union all
select * from rmt9.tpc.dbo.t_orders
union all
select * from rmt10.tpc.dbo.t_orders
union all
select * from rmt11.tpc.dbo.t_orders
union all
select * from rmt12.tpc.dbo.t_orders
union all
select * from rmt13.tpc.dbo.t_orders
union all
select * from rmt14.tpc.dbo.t_orders
union all
select * from rmt15.tpc.dbo.t_orders
union all
select * from rmt16.tpc.dbo.t_orders
union all
select * from rmt17.tpc.dbo.t_orders
union all
select * from rmt18.tpc.dbo.t_orders
union all
select * from rmt19.tpc.dbo.t_orders
union all
select * from rmt20.tpc.dbo.t_orders
union all
select * from rmt21.tpc.dbo.t_orders
union all
select * from rmt22.tpc.dbo.t_orders
union all
select * from rmt24.tpc.dbo.t_orders
union all
select * from rmt25.tpc.dbo.t_orders
union all
select * from rmt26.tpc.dbo.t_orders
union all
select * from rmt27.tpc.dbo.t_orders
union all
select * from rmt28.tpc.dbo.t_orders
union all
select * from rmt29.tpc.dbo.t_orders
union all
select * from rmt30.tpc.dbo.t_orders
union all
select * from rmt31.tpc.dbo.t_orders
union all
select * from rmt32.tpc.dbo.t_orders
go

create view order_line as
select * from /*rmt23.tpc.dbo.*/t_order_line
union all
select * from rmt1.tpc.dbo.t_order_line
union all
select * from rmt2.tpc.dbo.t_order_line

```



```

union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt23.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order

```

```

union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

create view item as
select * from t_item
go

add_views24.sql

```

```

-- file 41401_to_43200\add_views.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

--add views for partition 24
create view warehouse as
select * from /*rmt24.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse

```

```

union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go

create view district as
select * from /*rmt24.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district

```

```

union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

```

```

create view customer as
select * from /*rmt24.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer

```

```

union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt24.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history

```

```

union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

create view stock as
select * from /*rmt24.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock

```

```

union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

create view orders as
select * from /*rmt24.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders

```

```

union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt24.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line

```

```

union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt24.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
select * from rmt30.tpcc.dbo.t_new_order

```

```

union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

```

```

create view item as
select * from t_item
go

```

add_views25.sql

```
-- file 43201_to_45000\add_views.sql
```

```

set ansi_warnings on
set ansi_nulls on
go

```

```

use tpcc
go

```

```

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

```

```
--add views for partition 25
```

```

create view warehouse as
select * from /*rmt25.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse

```

```

union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt25.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district

```

```

union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

create view customer as
select * from /*rmt25.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer

```

```

union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

create view history as
select * from /*rmt25.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history

```

```

union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt25.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock

```

```

union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

```

```

create view orders as
select * from /*rmt25.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders

```



```

union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt25.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line

```

```

union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt25.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order

```

```

union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

```

```

create view item as
select * from t_item
go

```

add_views26.sql

```
-- file 45001_to_46800\add_views.sql
```

```

set ansi_warnings on
set ansi_nulls on
go

```

```

use tpcc
go

```

```

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

```

```

--add views for partition 26
create view warehouse as
select * from /*rmt26.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse

```

```

union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt30.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt26.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district

```

```

union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district
union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt30.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

```

```

create view customer as
select * from /*rmt26.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer

```

```

union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt26.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history

```

```

union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt26.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock

```

```

union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

```

```

create view orders as
select * from /*rmt26.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders

```

```

union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt26.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line

```

```

union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt26.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order

```

```

union all
select * from rmt16.tpc.c.dbo.t_new_order
union all
select * from rmt17.tpc.c.dbo.t_new_order
union all
select * from rmt18.tpc.c.dbo.t_new_order
union all
select * from rmt19.tpc.c.dbo.t_new_order
union all
select * from rmt20.tpc.c.dbo.t_new_order
union all
select * from rmt21.tpc.c.dbo.t_new_order
union all
select * from rmt22.tpc.c.dbo.t_new_order
union all
select * from rmt23.tpc.c.dbo.t_new_order
union all
select * from rmt24.tpc.c.dbo.t_new_order
union all
select * from rmt25.tpc.c.dbo.t_new_order
union all
select * from rmt27.tpc.c.dbo.t_new_order
union all
select * from rmt28.tpc.c.dbo.t_new_order
union all
select * from rmt29.tpc.c.dbo.t_new_order
union all
select * from rmt30.tpc.c.dbo.t_new_order
union all
select * from rmt31.tpc.c.dbo.t_new_order
union all
select * from rmt32.tpc.c.dbo.t_new_order
go

```

```

create view item as
select * from t_item
go

```

add_views27.sql

```
-- file 46801_to_48600\add_views.sql
```

```

set ansi_warnings on
set ansi_nulls on
go

```

```

use tpcc
go

```

```

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

```

```

--add views for partition 27
create view warehouse as
select * from /*rmt27.tpc.c.dbo.*/t_warehouse
union all
select * from rmt1.tpc.c.dbo.t_warehouse

```

```

union all
select * from rmt2.tpc.c.dbo.t_warehouse
union all
select * from rmt3.tpc.c.dbo.t_warehouse
union all
select * from rmt4.tpc.c.dbo.t_warehouse
union all
select * from rmt5.tpc.c.dbo.t_warehouse
union all
select * from rmt6.tpc.c.dbo.t_warehouse
union all
select * from rmt7.tpc.c.dbo.t_warehouse
union all
select * from rmt8.tpc.c.dbo.t_warehouse
union all
select * from rmt9.tpc.c.dbo.t_warehouse
union all
select * from rmt10.tpc.c.dbo.t_warehouse
union all
select * from rmt11.tpc.c.dbo.t_warehouse
union all
select * from rmt12.tpc.c.dbo.t_warehouse
union all
select * from rmt13.tpc.c.dbo.t_warehouse
union all
select * from rmt14.tpc.c.dbo.t_warehouse
union all
select * from rmt15.tpc.c.dbo.t_warehouse
union all
select * from rmt16.tpc.c.dbo.t_warehouse
union all
select * from rmt17.tpc.c.dbo.t_warehouse
union all
select * from rmt18.tpc.c.dbo.t_warehouse
union all
select * from rmt19.tpc.c.dbo.t_warehouse
union all
select * from rmt20.tpc.c.dbo.t_warehouse
union all
select * from rmt21.tpc.c.dbo.t_warehouse
union all
select * from rmt22.tpc.c.dbo.t_warehouse
union all
select * from rmt23.tpc.c.dbo.t_warehouse
union all
select * from rmt24.tpc.c.dbo.t_warehouse
union all
select * from rmt25.tpc.c.dbo.t_warehouse
union all
select * from rmt26.tpc.c.dbo.t_warehouse
union all
select * from rmt28.tpc.c.dbo.t_warehouse
union all
select * from rmt29.tpc.c.dbo.t_warehouse
union all
select * from rmt30.tpc.c.dbo.t_warehouse
union all
select * from rmt31.tpc.c.dbo.t_warehouse
union all
select * from rmt32.tpc.c.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt27.tpc.c.dbo.*/t_district
union all
select * from rmt1.tpc.c.dbo.t_district
union all
select * from rmt2.tpc.c.dbo.t_district

```

```

union all
select * from rmt3.tpc.dbo.t_district
union all
select * from rmt4.tpc.dbo.t_district
union all
select * from rmt5.tpc.dbo.t_district
union all
select * from rmt6.tpc.dbo.t_district
union all
select * from rmt7.tpc.dbo.t_district
union all
select * from rmt8.tpc.dbo.t_district
union all
select * from rmt9.tpc.dbo.t_district
union all
select * from rmt10.tpc.dbo.t_district
union all
select * from rmt11.tpc.dbo.t_district
union all
select * from rmt12.tpc.dbo.t_district
union all
select * from rmt13.tpc.dbo.t_district
union all
select * from rmt14.tpc.dbo.t_district
union all
select * from rmt15.tpc.dbo.t_district
union all
select * from rmt16.tpc.dbo.t_district
union all
select * from rmt17.tpc.dbo.t_district
union all
select * from rmt18.tpc.dbo.t_district
union all
select * from rmt19.tpc.dbo.t_district
union all
select * from rmt20.tpc.dbo.t_district
union all
select * from rmt21.tpc.dbo.t_district
union all
select * from rmt22.tpc.dbo.t_district
union all
select * from rmt23.tpc.dbo.t_district
union all
select * from rmt24.tpc.dbo.t_district
union all
select * from rmt25.tpc.dbo.t_district
union all
select * from rmt26.tpc.dbo.t_district
union all
select * from rmt28.tpc.dbo.t_district
union all
select * from rmt29.tpc.dbo.t_district
union all
select * from rmt30.tpc.dbo.t_district
union all
select * from rmt31.tpc.dbo.t_district
union all
select * from rmt32.tpc.dbo.t_district
go

create view customer as
select * from /*rmt27.tpc.dbo.*/t_customer
union all
select * from rmt1.tpc.dbo.t_customer
union all
select * from rmt2.tpc.dbo.t_customer
union all
select * from rmt3.tpc.dbo.t_customer

```

```

union all
select * from rmt4.tpc.dbo.t_customer
union all
select * from rmt5.tpc.dbo.t_customer
union all
select * from rmt6.tpc.dbo.t_customer
union all
select * from rmt7.tpc.dbo.t_customer
union all
select * from rmt8.tpc.dbo.t_customer
union all
select * from rmt9.tpc.dbo.t_customer
union all
select * from rmt10.tpc.dbo.t_customer
union all
select * from rmt11.tpc.dbo.t_customer
union all
select * from rmt12.tpc.dbo.t_customer
union all
select * from rmt13.tpc.dbo.t_customer
union all
select * from rmt14.tpc.dbo.t_customer
union all
select * from rmt15.tpc.dbo.t_customer
union all
select * from rmt16.tpc.dbo.t_customer
union all
select * from rmt17.tpc.dbo.t_customer
union all
select * from rmt18.tpc.dbo.t_customer
union all
select * from rmt19.tpc.dbo.t_customer
union all
select * from rmt20.tpc.dbo.t_customer
union all
select * from rmt21.tpc.dbo.t_customer
union all
select * from rmt22.tpc.dbo.t_customer
union all
select * from rmt23.tpc.dbo.t_customer
union all
select * from rmt24.tpc.dbo.t_customer
union all
select * from rmt25.tpc.dbo.t_customer
union all
select * from rmt26.tpc.dbo.t_customer
union all
select * from rmt28.tpc.dbo.t_customer
union all
select * from rmt29.tpc.dbo.t_customer
union all
select * from rmt30.tpc.dbo.t_customer
union all
select * from rmt31.tpc.dbo.t_customer
union all
select * from rmt32.tpc.dbo.t_customer
go

create view history as
select * from /*rmt27.tpc.dbo.*/t_history
union all
select * from rmt1.tpc.dbo.t_history
union all
select * from rmt2.tpc.dbo.t_history
union all
select * from rmt3.tpc.dbo.t_history
union all
select * from rmt4.tpc.dbo.t_history

```

```

union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

create view stock as
select * from /*rmt27.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock

```

```

union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

create view orders as
select * from /*rmt27.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders

```



```

union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt27.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line

```

```

union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt27.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order

```

```

union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

```

```

create view item as
select * from t_item
go

```

add_views28.sql

```
-- file 48601_to_50400\add_views.sql
```

```

set ansi_warnings on
set ansi_nulls on
go

```

```

use tpcc
go

```

```

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district

```

```

if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

```

```

--add views for partition 28
create view warehouse as
select * from /*rmt28.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse

```

```

union all
select * from rmt30.tpc.c.dbo.t_warehouse
union all
select * from rmt31.tpc.c.dbo.t_warehouse
union all
select * from rmt32.tpc.c.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt28.tpc.c.dbo.*/t_district
union all
select * from rmt1.tpc.c.dbo.t_district
union all
select * from rmt2.tpc.c.dbo.t_district
union all
select * from rmt3.tpc.c.dbo.t_district
union all
select * from rmt4.tpc.c.dbo.t_district
union all
select * from rmt5.tpc.c.dbo.t_district
union all
select * from rmt6.tpc.c.dbo.t_district
union all
select * from rmt7.tpc.c.dbo.t_district
union all
select * from rmt8.tpc.c.dbo.t_district
union all
select * from rmt9.tpc.c.dbo.t_district
union all
select * from rmt10.tpc.c.dbo.t_district
union all
select * from rmt11.tpc.c.dbo.t_district
union all
select * from rmt12.tpc.c.dbo.t_district
union all
select * from rmt13.tpc.c.dbo.t_district
union all
select * from rmt14.tpc.c.dbo.t_district
union all
select * from rmt15.tpc.c.dbo.t_district
union all
select * from rmt16.tpc.c.dbo.t_district
union all
select * from rmt17.tpc.c.dbo.t_district
union all
select * from rmt18.tpc.c.dbo.t_district
union all
select * from rmt19.tpc.c.dbo.t_district
union all
select * from rmt20.tpc.c.dbo.t_district
union all
select * from rmt21.tpc.c.dbo.t_district
union all
select * from rmt22.tpc.c.dbo.t_district
union all
select * from rmt23.tpc.c.dbo.t_district
union all
select * from rmt24.tpc.c.dbo.t_district
union all
select * from rmt25.tpc.c.dbo.t_district
union all
select * from rmt26.tpc.c.dbo.t_district
union all
select * from rmt27.tpc.c.dbo.t_district
union all
select * from rmt29.tpc.c.dbo.t_district
union all
select * from rmt30.tpc.c.dbo.t_district

```

```

union all
select * from rmt31.tpc.c.dbo.t_district
union all
select * from rmt32.tpc.c.dbo.t_district
go

create view customer as
select * from /*rmt28.tpc.c.dbo.*/t_customer
union all
select * from rmt1.tpc.c.dbo.t_customer
union all
select * from rmt2.tpc.c.dbo.t_customer
union all
select * from rmt3.tpc.c.dbo.t_customer
union all
select * from rmt4.tpc.c.dbo.t_customer
union all
select * from rmt5.tpc.c.dbo.t_customer
union all
select * from rmt6.tpc.c.dbo.t_customer
union all
select * from rmt7.tpc.c.dbo.t_customer
union all
select * from rmt8.tpc.c.dbo.t_customer
union all
select * from rmt9.tpc.c.dbo.t_customer
union all
select * from rmt10.tpc.c.dbo.t_customer
union all
select * from rmt11.tpc.c.dbo.t_customer
union all
select * from rmt12.tpc.c.dbo.t_customer
union all
select * from rmt13.tpc.c.dbo.t_customer
union all
select * from rmt14.tpc.c.dbo.t_customer
union all
select * from rmt15.tpc.c.dbo.t_customer
union all
select * from rmt16.tpc.c.dbo.t_customer
union all
select * from rmt17.tpc.c.dbo.t_customer
union all
select * from rmt18.tpc.c.dbo.t_customer
union all
select * from rmt19.tpc.c.dbo.t_customer
union all
select * from rmt20.tpc.c.dbo.t_customer
union all
select * from rmt21.tpc.c.dbo.t_customer
union all
select * from rmt22.tpc.c.dbo.t_customer
union all
select * from rmt23.tpc.c.dbo.t_customer
union all
select * from rmt24.tpc.c.dbo.t_customer
union all
select * from rmt25.tpc.c.dbo.t_customer
union all
select * from rmt26.tpc.c.dbo.t_customer
union all
select * from rmt27.tpc.c.dbo.t_customer
union all
select * from rmt29.tpc.c.dbo.t_customer
union all
select * from rmt30.tpc.c.dbo.t_customer
union all
select * from rmt31.tpc.c.dbo.t_customer

```

```

union all
select * from rmt32.tpcc.dbo.t_customer
go

create view history as
select * from /*rmt28.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history

```

```

go

create view stock as
select * from /*rmt28.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

```

```

create view orders as
select * from /*rmt28.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt28.tpcc.dbo.*/t_order_line

```

```

union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt28.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order

```

```

union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

create view item as
select * from t_item
go

```

add_views29.sql

```

-- file 50401_to_52200\add_views.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

--add views for partition 29
create view warehouse as
select * from /*rmt29.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse
union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all

```

```

select * from rmt21.tpc.c.dbo.t_warehouse
union all
select * from rmt22.tpc.c.dbo.t_warehouse
union all
select * from rmt23.tpc.c.dbo.t_warehouse
union all
select * from rmt24.tpc.c.dbo.t_warehouse
union all
select * from rmt25.tpc.c.dbo.t_warehouse
union all
select * from rmt26.tpc.c.dbo.t_warehouse
union all
select * from rmt27.tpc.c.dbo.t_warehouse
union all
select * from rmt28.tpc.c.dbo.t_warehouse
union all
select * from rmt30.tpc.c.dbo.t_warehouse
union all
select * from rmt31.tpc.c.dbo.t_warehouse
union all
select * from rmt32.tpc.c.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt29.tpc.c.dbo.*/t_district
union all
select * from rmt1.tpc.c.dbo.t_district
union all
select * from rmt2.tpc.c.dbo.t_district
union all
select * from rmt3.tpc.c.dbo.t_district
union all
select * from rmt4.tpc.c.dbo.t_district
union all
select * from rmt5.tpc.c.dbo.t_district
union all
select * from rmt6.tpc.c.dbo.t_district
union all
select * from rmt7.tpc.c.dbo.t_district
union all
select * from rmt8.tpc.c.dbo.t_district
union all
select * from rmt9.tpc.c.dbo.t_district
union all
select * from rmt10.tpc.c.dbo.t_district
union all
select * from rmt11.tpc.c.dbo.t_district
union all
select * from rmt12.tpc.c.dbo.t_district
union all
select * from rmt13.tpc.c.dbo.t_district
union all
select * from rmt14.tpc.c.dbo.t_district
union all
select * from rmt15.tpc.c.dbo.t_district
union all
select * from rmt16.tpc.c.dbo.t_district
union all
select * from rmt17.tpc.c.dbo.t_district
union all
select * from rmt18.tpc.c.dbo.t_district
union all
select * from rmt19.tpc.c.dbo.t_district
union all
select * from rmt20.tpc.c.dbo.t_district
union all
select * from rmt21.tpc.c.dbo.t_district
union all

```

```

select * from rmt22.tpc.c.dbo.t_district
union all
select * from rmt23.tpc.c.dbo.t_district
union all
select * from rmt24.tpc.c.dbo.t_district
union all
select * from rmt25.tpc.c.dbo.t_district
union all
select * from rmt26.tpc.c.dbo.t_district
union all
select * from rmt27.tpc.c.dbo.t_district
union all
select * from rmt28.tpc.c.dbo.t_district
union all
select * from rmt30.tpc.c.dbo.t_district
union all
select * from rmt31.tpc.c.dbo.t_district
union all
select * from rmt32.tpc.c.dbo.t_district
go

create view customer as
select * from /*rmt29.tpc.c.dbo.*/t_customer
union all
select * from rmt1.tpc.c.dbo.t_customer
union all
select * from rmt2.tpc.c.dbo.t_customer
union all
select * from rmt3.tpc.c.dbo.t_customer
union all
select * from rmt4.tpc.c.dbo.t_customer
union all
select * from rmt5.tpc.c.dbo.t_customer
union all
select * from rmt6.tpc.c.dbo.t_customer
union all
select * from rmt7.tpc.c.dbo.t_customer
union all
select * from rmt8.tpc.c.dbo.t_customer
union all
select * from rmt9.tpc.c.dbo.t_customer
union all
select * from rmt10.tpc.c.dbo.t_customer
union all
select * from rmt11.tpc.c.dbo.t_customer
union all
select * from rmt12.tpc.c.dbo.t_customer
union all
select * from rmt13.tpc.c.dbo.t_customer
union all
select * from rmt14.tpc.c.dbo.t_customer
union all
select * from rmt15.tpc.c.dbo.t_customer
union all
select * from rmt16.tpc.c.dbo.t_customer
union all
select * from rmt17.tpc.c.dbo.t_customer
union all
select * from rmt18.tpc.c.dbo.t_customer
union all
select * from rmt19.tpc.c.dbo.t_customer
union all
select * from rmt20.tpc.c.dbo.t_customer
union all
select * from rmt21.tpc.c.dbo.t_customer
union all
select * from rmt22.tpc.c.dbo.t_customer
union all

```

```

select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt29.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all

```

```

select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt29.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all

```



```

select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

```

```

create view orders as
select * from /*rmt29.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all

```

```

select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

```

```

create view order_line as
select * from /*rmt29.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all

```

```

select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt29.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all

```

```

select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

create view item as
select * from t_item
go

```

add_views30.sql

```

-- file 52201_to_54000\add_views.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

--add views for partition 30
create view warehouse as
select * from /*rmt30.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse
union all
select * from rmt8.tpcc.dbo.t_warehouse
union all
select * from rmt9.tpcc.dbo.t_warehouse
union all
select * from rmt10.tpcc.dbo.t_warehouse
union all
select * from rmt11.tpcc.dbo.t_warehouse
union all
select * from rmt12.tpcc.dbo.t_warehouse
union all
select * from rmt13.tpcc.dbo.t_warehouse
union all
select * from rmt14.tpcc.dbo.t_warehouse

```

```

union all
select * from rmt15.tpcc.dbo.t_warehouse
union all
select * from rmt16.tpcc.dbo.t_warehouse
union all
select * from rmt17.tpcc.dbo.t_warehouse
union all
select * from rmt18.tpcc.dbo.t_warehouse
union all
select * from rmt19.tpcc.dbo.t_warehouse
union all
select * from rmt20.tpcc.dbo.t_warehouse
union all
select * from rmt21.tpcc.dbo.t_warehouse
union all
select * from rmt22.tpcc.dbo.t_warehouse
union all
select * from rmt23.tpcc.dbo.t_warehouse
union all
select * from rmt24.tpcc.dbo.t_warehouse
union all
select * from rmt25.tpcc.dbo.t_warehouse
union all
select * from rmt26.tpcc.dbo.t_warehouse
union all
select * from rmt27.tpcc.dbo.t_warehouse
union all
select * from rmt28.tpcc.dbo.t_warehouse
union all
select * from rmt29.tpcc.dbo.t_warehouse
union all
select * from rmt31.tpcc.dbo.t_warehouse
union all
select * from rmt32.tpcc.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt30.tpcc.dbo.*/t_district
union all
select * from rmt1.tpcc.dbo.t_district
union all
select * from rmt2.tpcc.dbo.t_district
union all
select * from rmt3.tpcc.dbo.t_district
union all
select * from rmt4.tpcc.dbo.t_district
union all
select * from rmt5.tpcc.dbo.t_district
union all
select * from rmt6.tpcc.dbo.t_district
union all
select * from rmt7.tpcc.dbo.t_district
union all
select * from rmt8.tpcc.dbo.t_district
union all
select * from rmt9.tpcc.dbo.t_district
union all
select * from rmt10.tpcc.dbo.t_district
union all
select * from rmt11.tpcc.dbo.t_district
union all
select * from rmt12.tpcc.dbo.t_district
union all
select * from rmt13.tpcc.dbo.t_district
union all
select * from rmt14.tpcc.dbo.t_district
union all
select * from rmt15.tpcc.dbo.t_district

```

```

union all
select * from rmt16.tpcc.dbo.t_district
union all
select * from rmt17.tpcc.dbo.t_district
union all
select * from rmt18.tpcc.dbo.t_district
union all
select * from rmt19.tpcc.dbo.t_district
union all
select * from rmt20.tpcc.dbo.t_district
union all
select * from rmt21.tpcc.dbo.t_district
union all
select * from rmt22.tpcc.dbo.t_district
union all
select * from rmt23.tpcc.dbo.t_district
union all
select * from rmt24.tpcc.dbo.t_district
union all
select * from rmt25.tpcc.dbo.t_district
union all
select * from rmt26.tpcc.dbo.t_district
union all
select * from rmt27.tpcc.dbo.t_district
union all
select * from rmt28.tpcc.dbo.t_district
union all
select * from rmt29.tpcc.dbo.t_district
union all
select * from rmt31.tpcc.dbo.t_district
union all
select * from rmt32.tpcc.dbo.t_district
go

```

```

create view customer as
select * from /*rmt30.tpcc.dbo.*/t_customer
union all
select * from rmt1.tpcc.dbo.t_customer
union all
select * from rmt2.tpcc.dbo.t_customer
union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer

```

```

union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

create view history as
select * from /*rmt30.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history

```

```

union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

create view stock as
select * from /*rmt30.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock
union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock

```

```

union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt31.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

create view orders as
select * from /*rmt30.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders
union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders

```

```

union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt31.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

create view order_line as
select * from /*rmt30.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line

```

```

union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt30.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order

```

```

union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

create view item as
select * from t_item
go

```

add_views31.sql

```

-- file 54001_to_55800\add_views.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

--add views for partition 31
create view warehouse as
select * from /*rmt31.tpcc.dbo.*/t_warehouse
union all
select * from rmt1.tpcc.dbo.t_warehouse
union all
select * from rmt2.tpcc.dbo.t_warehouse
union all
select * from rmt3.tpcc.dbo.t_warehouse
union all
select * from rmt4.tpcc.dbo.t_warehouse
union all
select * from rmt5.tpcc.dbo.t_warehouse
union all
select * from rmt6.tpcc.dbo.t_warehouse
union all
select * from rmt7.tpcc.dbo.t_warehouse

```

```

union all
select * from rmt8.tpc.dbo.t_warehouse
union all
select * from rmt9.tpc.dbo.t_warehouse
union all
select * from rmt10.tpc.dbo.t_warehouse
union all
select * from rmt11.tpc.dbo.t_warehouse
union all
select * from rmt12.tpc.dbo.t_warehouse
union all
select * from rmt13.tpc.dbo.t_warehouse
union all
select * from rmt14.tpc.dbo.t_warehouse
union all
select * from rmt15.tpc.dbo.t_warehouse
union all
select * from rmt16.tpc.dbo.t_warehouse
union all
select * from rmt17.tpc.dbo.t_warehouse
union all
select * from rmt18.tpc.dbo.t_warehouse
union all
select * from rmt19.tpc.dbo.t_warehouse
union all
select * from rmt20.tpc.dbo.t_warehouse
union all
select * from rmt21.tpc.dbo.t_warehouse
union all
select * from rmt22.tpc.dbo.t_warehouse
union all
select * from rmt23.tpc.dbo.t_warehouse
union all
select * from rmt24.tpc.dbo.t_warehouse
union all
select * from rmt25.tpc.dbo.t_warehouse
union all
select * from rmt26.tpc.dbo.t_warehouse
union all
select * from rmt27.tpc.dbo.t_warehouse
union all
select * from rmt28.tpc.dbo.t_warehouse
union all
select * from rmt29.tpc.dbo.t_warehouse
union all
select * from rmt30.tpc.dbo.t_warehouse
union all
select * from rmt32.tpc.dbo.t_warehouse
go

```

```

create view district as
select * from /*rmt31.tpc.dbo.*/t_district
union all
select * from rmt1.tpc.dbo.t_district
union all
select * from rmt2.tpc.dbo.t_district
union all
select * from rmt3.tpc.dbo.t_district
union all
select * from rmt4.tpc.dbo.t_district
union all
select * from rmt5.tpc.dbo.t_district
union all
select * from rmt6.tpc.dbo.t_district
union all
select * from rmt7.tpc.dbo.t_district
union all
select * from rmt8.tpc.dbo.t_district

```

```

union all
select * from rmt9.tpc.dbo.t_district
union all
select * from rmt10.tpc.dbo.t_district
union all
select * from rmt11.tpc.dbo.t_district
union all
select * from rmt12.tpc.dbo.t_district
union all
select * from rmt13.tpc.dbo.t_district
union all
select * from rmt14.tpc.dbo.t_district
union all
select * from rmt15.tpc.dbo.t_district
union all
select * from rmt16.tpc.dbo.t_district
union all
select * from rmt17.tpc.dbo.t_district
union all
select * from rmt18.tpc.dbo.t_district
union all
select * from rmt19.tpc.dbo.t_district
union all
select * from rmt20.tpc.dbo.t_district
union all
select * from rmt21.tpc.dbo.t_district
union all
select * from rmt22.tpc.dbo.t_district
union all
select * from rmt23.tpc.dbo.t_district
union all
select * from rmt24.tpc.dbo.t_district
union all
select * from rmt25.tpc.dbo.t_district
union all
select * from rmt26.tpc.dbo.t_district
union all
select * from rmt27.tpc.dbo.t_district
union all
select * from rmt28.tpc.dbo.t_district
union all
select * from rmt29.tpc.dbo.t_district
union all
select * from rmt30.tpc.dbo.t_district
union all
select * from rmt32.tpc.dbo.t_district
go

```

```

create view customer as
select * from /*rmt31.tpc.dbo.*/t_customer
union all
select * from rmt1.tpc.dbo.t_customer
union all
select * from rmt2.tpc.dbo.t_customer
union all
select * from rmt3.tpc.dbo.t_customer
union all
select * from rmt4.tpc.dbo.t_customer
union all
select * from rmt5.tpc.dbo.t_customer
union all
select * from rmt6.tpc.dbo.t_customer
union all
select * from rmt7.tpc.dbo.t_customer
union all
select * from rmt8.tpc.dbo.t_customer
union all
select * from rmt9.tpc.dbo.t_customer

```

```

union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt32.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt31.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history
union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history

```

```

union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt32.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt31.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock
union all
select * from rmt5.tpcc.dbo.t_stock
union all
select * from rmt6.tpcc.dbo.t_stock
union all
select * from rmt7.tpcc.dbo.t_stock
union all
select * from rmt8.tpcc.dbo.t_stock
union all
select * from rmt9.tpcc.dbo.t_stock
union all
select * from rmt10.tpcc.dbo.t_stock
union all
select * from rmt11.tpcc.dbo.t_stock

```



```

union all
select * from rmt12.tpcc.dbo.t_stock
union all
select * from rmt13.tpcc.dbo.t_stock
union all
select * from rmt14.tpcc.dbo.t_stock
union all
select * from rmt15.tpcc.dbo.t_stock
union all
select * from rmt16.tpcc.dbo.t_stock
union all
select * from rmt17.tpcc.dbo.t_stock
union all
select * from rmt18.tpcc.dbo.t_stock
union all
select * from rmt19.tpcc.dbo.t_stock
union all
select * from rmt20.tpcc.dbo.t_stock
union all
select * from rmt21.tpcc.dbo.t_stock
union all
select * from rmt22.tpcc.dbo.t_stock
union all
select * from rmt23.tpcc.dbo.t_stock
union all
select * from rmt24.tpcc.dbo.t_stock
union all
select * from rmt25.tpcc.dbo.t_stock
union all
select * from rmt26.tpcc.dbo.t_stock
union all
select * from rmt27.tpcc.dbo.t_stock
union all
select * from rmt28.tpcc.dbo.t_stock
union all
select * from rmt29.tpcc.dbo.t_stock
union all
select * from rmt30.tpcc.dbo.t_stock
union all
select * from rmt32.tpcc.dbo.t_stock
go

```

```

create view orders as
select * from /*rmt31.tpcc.dbo.*/t_orders
union all
select * from rmt1.tpcc.dbo.t_orders
union all
select * from rmt2.tpcc.dbo.t_orders
union all
select * from rmt3.tpcc.dbo.t_orders
union all
select * from rmt4.tpcc.dbo.t_orders
union all
select * from rmt5.tpcc.dbo.t_orders
union all
select * from rmt6.tpcc.dbo.t_orders
union all
select * from rmt7.tpcc.dbo.t_orders
union all
select * from rmt8.tpcc.dbo.t_orders
union all
select * from rmt9.tpcc.dbo.t_orders
union all
select * from rmt10.tpcc.dbo.t_orders
union all
select * from rmt11.tpcc.dbo.t_orders
union all
select * from rmt12.tpcc.dbo.t_orders

```

```

union all
select * from rmt13.tpcc.dbo.t_orders
union all
select * from rmt14.tpcc.dbo.t_orders
union all
select * from rmt15.tpcc.dbo.t_orders
union all
select * from rmt16.tpcc.dbo.t_orders
union all
select * from rmt17.tpcc.dbo.t_orders
union all
select * from rmt18.tpcc.dbo.t_orders
union all
select * from rmt19.tpcc.dbo.t_orders
union all
select * from rmt20.tpcc.dbo.t_orders
union all
select * from rmt21.tpcc.dbo.t_orders
union all
select * from rmt22.tpcc.dbo.t_orders
union all
select * from rmt23.tpcc.dbo.t_orders
union all
select * from rmt24.tpcc.dbo.t_orders
union all
select * from rmt25.tpcc.dbo.t_orders
union all
select * from rmt26.tpcc.dbo.t_orders
union all
select * from rmt27.tpcc.dbo.t_orders
union all
select * from rmt28.tpcc.dbo.t_orders
union all
select * from rmt29.tpcc.dbo.t_orders
union all
select * from rmt30.tpcc.dbo.t_orders
union all
select * from rmt32.tpcc.dbo.t_orders
go

```

```

create view order_line as
select * from /*rmt31.tpcc.dbo.*/t_order_line
union all
select * from rmt1.tpcc.dbo.t_order_line
union all
select * from rmt2.tpcc.dbo.t_order_line
union all
select * from rmt3.tpcc.dbo.t_order_line
union all
select * from rmt4.tpcc.dbo.t_order_line
union all
select * from rmt5.tpcc.dbo.t_order_line
union all
select * from rmt6.tpcc.dbo.t_order_line
union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line

```

```

union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt32.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt31.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order
union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order

```

```

union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt32.tpcc.dbo.t_new_order
go

create view item as
select * from t_item
go

```

add_views32.sql

```

-- file 55801_to_57600\add_views.sql

set ansi_warnings on
set ansi_nulls on
go

use tpcc
go

-- drop any existing views
if object_id('warehouse') is not null drop view warehouse
if object_id('district') is not null drop view district
if object_id('customer') is not null drop view customer
if object_id('history') is not null drop view history
if object_id('stock') is not null drop view stock
if object_id('orders') is not null drop view orders
if object_id('order_line') is not null drop view order_line
if object_id('new_order') is not null drop view new_order
if object_id('item') is not null drop view item
go

--add views for partition 32
create view warehouse as
select * from /*rmt32.tpcc.dbo.*/t_warehouse

```

```

union all
select * from rmt1.tpc.dbo.t_warehouse
union all
select * from rmt2.tpc.dbo.t_warehouse
union all
select * from rmt3.tpc.dbo.t_warehouse
union all
select * from rmt4.tpc.dbo.t_warehouse
union all
select * from rmt5.tpc.dbo.t_warehouse
union all
select * from rmt6.tpc.dbo.t_warehouse
union all
select * from rmt7.tpc.dbo.t_warehouse
union all
select * from rmt8.tpc.dbo.t_warehouse
union all
select * from rmt9.tpc.dbo.t_warehouse
union all
select * from rmt10.tpc.dbo.t_warehouse
union all
select * from rmt11.tpc.dbo.t_warehouse
union all
select * from rmt12.tpc.dbo.t_warehouse
union all
select * from rmt13.tpc.dbo.t_warehouse
union all
select * from rmt14.tpc.dbo.t_warehouse
union all
select * from rmt15.tpc.dbo.t_warehouse
union all
select * from rmt16.tpc.dbo.t_warehouse
union all
select * from rmt17.tpc.dbo.t_warehouse
union all
select * from rmt18.tpc.dbo.t_warehouse
union all
select * from rmt19.tpc.dbo.t_warehouse
union all
select * from rmt20.tpc.dbo.t_warehouse
union all
select * from rmt21.tpc.dbo.t_warehouse
union all
select * from rmt22.tpc.dbo.t_warehouse
union all
select * from rmt23.tpc.dbo.t_warehouse
union all
select * from rmt24.tpc.dbo.t_warehouse
union all
select * from rmt25.tpc.dbo.t_warehouse
union all
select * from rmt26.tpc.dbo.t_warehouse
union all
select * from rmt27.tpc.dbo.t_warehouse
union all
select * from rmt28.tpc.dbo.t_warehouse
union all
select * from rmt29.tpc.dbo.t_warehouse
union all
select * from rmt30.tpc.dbo.t_warehouse
union all
select * from rmt31.tpc.dbo.t_warehouse
go

create view district as
select * from /*rmt32.tpc.dbo.*/t_district
union all
select * from rmt1.tpc.dbo.t_district

```

```

union all
select * from rmt2.tpc.dbo.t_district
union all
select * from rmt3.tpc.dbo.t_district
union all
select * from rmt4.tpc.dbo.t_district
union all
select * from rmt5.tpc.dbo.t_district
union all
select * from rmt6.tpc.dbo.t_district
union all
select * from rmt7.tpc.dbo.t_district
union all
select * from rmt8.tpc.dbo.t_district
union all
select * from rmt9.tpc.dbo.t_district
union all
select * from rmt10.tpc.dbo.t_district
union all
select * from rmt11.tpc.dbo.t_district
union all
select * from rmt12.tpc.dbo.t_district
union all
select * from rmt13.tpc.dbo.t_district
union all
select * from rmt14.tpc.dbo.t_district
union all
select * from rmt15.tpc.dbo.t_district
union all
select * from rmt16.tpc.dbo.t_district
union all
select * from rmt17.tpc.dbo.t_district
union all
select * from rmt18.tpc.dbo.t_district
union all
select * from rmt19.tpc.dbo.t_district
union all
select * from rmt20.tpc.dbo.t_district
union all
select * from rmt21.tpc.dbo.t_district
union all
select * from rmt22.tpc.dbo.t_district
union all
select * from rmt23.tpc.dbo.t_district
union all
select * from rmt24.tpc.dbo.t_district
union all
select * from rmt25.tpc.dbo.t_district
union all
select * from rmt26.tpc.dbo.t_district
union all
select * from rmt27.tpc.dbo.t_district
union all
select * from rmt28.tpc.dbo.t_district
union all
select * from rmt29.tpc.dbo.t_district
union all
select * from rmt30.tpc.dbo.t_district
union all
select * from rmt31.tpc.dbo.t_district
go

create view customer as
select * from /*rmt32.tpc.dbo.*/t_customer
union all
select * from rmt1.tpc.dbo.t_customer
union all
select * from rmt2.tpc.dbo.t_customer

```

```

union all
select * from rmt3.tpcc.dbo.t_customer
union all
select * from rmt4.tpcc.dbo.t_customer
union all
select * from rmt5.tpcc.dbo.t_customer
union all
select * from rmt6.tpcc.dbo.t_customer
union all
select * from rmt7.tpcc.dbo.t_customer
union all
select * from rmt8.tpcc.dbo.t_customer
union all
select * from rmt9.tpcc.dbo.t_customer
union all
select * from rmt10.tpcc.dbo.t_customer
union all
select * from rmt11.tpcc.dbo.t_customer
union all
select * from rmt12.tpcc.dbo.t_customer
union all
select * from rmt13.tpcc.dbo.t_customer
union all
select * from rmt14.tpcc.dbo.t_customer
union all
select * from rmt15.tpcc.dbo.t_customer
union all
select * from rmt16.tpcc.dbo.t_customer
union all
select * from rmt17.tpcc.dbo.t_customer
union all
select * from rmt18.tpcc.dbo.t_customer
union all
select * from rmt19.tpcc.dbo.t_customer
union all
select * from rmt20.tpcc.dbo.t_customer
union all
select * from rmt21.tpcc.dbo.t_customer
union all
select * from rmt22.tpcc.dbo.t_customer
union all
select * from rmt23.tpcc.dbo.t_customer
union all
select * from rmt24.tpcc.dbo.t_customer
union all
select * from rmt25.tpcc.dbo.t_customer
union all
select * from rmt26.tpcc.dbo.t_customer
union all
select * from rmt27.tpcc.dbo.t_customer
union all
select * from rmt28.tpcc.dbo.t_customer
union all
select * from rmt29.tpcc.dbo.t_customer
union all
select * from rmt30.tpcc.dbo.t_customer
union all
select * from rmt31.tpcc.dbo.t_customer
go

```

```

create view history as
select * from /*rmt32.tpcc.dbo.*/t_history
union all
select * from rmt1.tpcc.dbo.t_history
union all
select * from rmt2.tpcc.dbo.t_history
union all
select * from rmt3.tpcc.dbo.t_history

```

```

union all
select * from rmt4.tpcc.dbo.t_history
union all
select * from rmt5.tpcc.dbo.t_history
union all
select * from rmt6.tpcc.dbo.t_history
union all
select * from rmt7.tpcc.dbo.t_history
union all
select * from rmt8.tpcc.dbo.t_history
union all
select * from rmt9.tpcc.dbo.t_history
union all
select * from rmt10.tpcc.dbo.t_history
union all
select * from rmt11.tpcc.dbo.t_history
union all
select * from rmt12.tpcc.dbo.t_history
union all
select * from rmt13.tpcc.dbo.t_history
union all
select * from rmt14.tpcc.dbo.t_history
union all
select * from rmt15.tpcc.dbo.t_history
union all
select * from rmt16.tpcc.dbo.t_history
union all
select * from rmt17.tpcc.dbo.t_history
union all
select * from rmt18.tpcc.dbo.t_history
union all
select * from rmt19.tpcc.dbo.t_history
union all
select * from rmt20.tpcc.dbo.t_history
union all
select * from rmt21.tpcc.dbo.t_history
union all
select * from rmt22.tpcc.dbo.t_history
union all
select * from rmt23.tpcc.dbo.t_history
union all
select * from rmt24.tpcc.dbo.t_history
union all
select * from rmt25.tpcc.dbo.t_history
union all
select * from rmt26.tpcc.dbo.t_history
union all
select * from rmt27.tpcc.dbo.t_history
union all
select * from rmt28.tpcc.dbo.t_history
union all
select * from rmt29.tpcc.dbo.t_history
union all
select * from rmt30.tpcc.dbo.t_history
union all
select * from rmt31.tpcc.dbo.t_history
go

```

```

create view stock as
select * from /*rmt32.tpcc.dbo.*/t_stock
union all
select * from rmt1.tpcc.dbo.t_stock
union all
select * from rmt2.tpcc.dbo.t_stock
union all
select * from rmt3.tpcc.dbo.t_stock
union all
select * from rmt4.tpcc.dbo.t_stock

```

```

union all
select * from rmt5.tpc.dbo.t_stock
union all
select * from rmt6.tpc.dbo.t_stock
union all
select * from rmt7.tpc.dbo.t_stock
union all
select * from rmt8.tpc.dbo.t_stock
union all
select * from rmt9.tpc.dbo.t_stock
union all
select * from rmt10.tpc.dbo.t_stock
union all
select * from rmt11.tpc.dbo.t_stock
union all
select * from rmt12.tpc.dbo.t_stock
union all
select * from rmt13.tpc.dbo.t_stock
union all
select * from rmt14.tpc.dbo.t_stock
union all
select * from rmt15.tpc.dbo.t_stock
union all
select * from rmt16.tpc.dbo.t_stock
union all
select * from rmt17.tpc.dbo.t_stock
union all
select * from rmt18.tpc.dbo.t_stock
union all
select * from rmt19.tpc.dbo.t_stock
union all
select * from rmt20.tpc.dbo.t_stock
union all
select * from rmt21.tpc.dbo.t_stock
union all
select * from rmt22.tpc.dbo.t_stock
union all
select * from rmt23.tpc.dbo.t_stock
union all
select * from rmt24.tpc.dbo.t_stock
union all
select * from rmt25.tpc.dbo.t_stock
union all
select * from rmt26.tpc.dbo.t_stock
union all
select * from rmt27.tpc.dbo.t_stock
union all
select * from rmt28.tpc.dbo.t_stock
union all
select * from rmt29.tpc.dbo.t_stock
union all
select * from rmt30.tpc.dbo.t_stock
union all
select * from rmt31.tpc.dbo.t_stock
go

create view orders as
select * from /*rmt32.tpc.dbo.*/t_orders
union all
select * from rmt1.tpc.dbo.t_orders
union all
select * from rmt2.tpc.dbo.t_orders
union all
select * from rmt3.tpc.dbo.t_orders
union all
select * from rmt4.tpc.dbo.t_orders
union all
select * from rmt5.tpc.dbo.t_orders

```

```

union all
select * from rmt6.tpc.dbo.t_orders
union all
select * from rmt7.tpc.dbo.t_orders
union all
select * from rmt8.tpc.dbo.t_orders
union all
select * from rmt9.tpc.dbo.t_orders
union all
select * from rmt10.tpc.dbo.t_orders
union all
select * from rmt11.tpc.dbo.t_orders
union all
select * from rmt12.tpc.dbo.t_orders
union all
select * from rmt13.tpc.dbo.t_orders
union all
select * from rmt14.tpc.dbo.t_orders
union all
select * from rmt15.tpc.dbo.t_orders
union all
select * from rmt16.tpc.dbo.t_orders
union all
select * from rmt17.tpc.dbo.t_orders
union all
select * from rmt18.tpc.dbo.t_orders
union all
select * from rmt19.tpc.dbo.t_orders
union all
select * from rmt20.tpc.dbo.t_orders
union all
select * from rmt21.tpc.dbo.t_orders
union all
select * from rmt22.tpc.dbo.t_orders
union all
select * from rmt23.tpc.dbo.t_orders
union all
select * from rmt24.tpc.dbo.t_orders
union all
select * from rmt25.tpc.dbo.t_orders
union all
select * from rmt26.tpc.dbo.t_orders
union all
select * from rmt27.tpc.dbo.t_orders
union all
select * from rmt28.tpc.dbo.t_orders
union all
select * from rmt29.tpc.dbo.t_orders
union all
select * from rmt30.tpc.dbo.t_orders
union all
select * from rmt31.tpc.dbo.t_orders
go

create view order_line as
select * from /*rmt32.tpc.dbo.*/t_order_line
union all
select * from rmt1.tpc.dbo.t_order_line
union all
select * from rmt2.tpc.dbo.t_order_line
union all
select * from rmt3.tpc.dbo.t_order_line
union all
select * from rmt4.tpc.dbo.t_order_line
union all
select * from rmt5.tpc.dbo.t_order_line
union all
select * from rmt6.tpc.dbo.t_order_line

```

```

union all
select * from rmt7.tpcc.dbo.t_order_line
union all
select * from rmt8.tpcc.dbo.t_order_line
union all
select * from rmt9.tpcc.dbo.t_order_line
union all
select * from rmt10.tpcc.dbo.t_order_line
union all
select * from rmt11.tpcc.dbo.t_order_line
union all
select * from rmt12.tpcc.dbo.t_order_line
union all
select * from rmt13.tpcc.dbo.t_order_line
union all
select * from rmt14.tpcc.dbo.t_order_line
union all
select * from rmt15.tpcc.dbo.t_order_line
union all
select * from rmt16.tpcc.dbo.t_order_line
union all
select * from rmt17.tpcc.dbo.t_order_line
union all
select * from rmt18.tpcc.dbo.t_order_line
union all
select * from rmt19.tpcc.dbo.t_order_line
union all
select * from rmt20.tpcc.dbo.t_order_line
union all
select * from rmt21.tpcc.dbo.t_order_line
union all
select * from rmt22.tpcc.dbo.t_order_line
union all
select * from rmt23.tpcc.dbo.t_order_line
union all
select * from rmt24.tpcc.dbo.t_order_line
union all
select * from rmt25.tpcc.dbo.t_order_line
union all
select * from rmt26.tpcc.dbo.t_order_line
union all
select * from rmt27.tpcc.dbo.t_order_line
union all
select * from rmt28.tpcc.dbo.t_order_line
union all
select * from rmt29.tpcc.dbo.t_order_line
union all
select * from rmt30.tpcc.dbo.t_order_line
union all
select * from rmt31.tpcc.dbo.t_order_line
go

create view new_order as
select * from /*rmt32.tpcc.dbo.*/t_new_order
union all
select * from rmt1.tpcc.dbo.t_new_order
union all
select * from rmt2.tpcc.dbo.t_new_order
union all
select * from rmt3.tpcc.dbo.t_new_order
union all
select * from rmt4.tpcc.dbo.t_new_order
union all
select * from rmt5.tpcc.dbo.t_new_order
union all
select * from rmt6.tpcc.dbo.t_new_order
union all
select * from rmt7.tpcc.dbo.t_new_order

```

```

union all
select * from rmt8.tpcc.dbo.t_new_order
union all
select * from rmt9.tpcc.dbo.t_new_order
union all
select * from rmt10.tpcc.dbo.t_new_order
union all
select * from rmt11.tpcc.dbo.t_new_order
union all
select * from rmt12.tpcc.dbo.t_new_order
union all
select * from rmt13.tpcc.dbo.t_new_order
union all
select * from rmt14.tpcc.dbo.t_new_order
union all
select * from rmt15.tpcc.dbo.t_new_order
union all
select * from rmt16.tpcc.dbo.t_new_order
union all
select * from rmt17.tpcc.dbo.t_new_order
union all
select * from rmt18.tpcc.dbo.t_new_order
union all
select * from rmt19.tpcc.dbo.t_new_order
union all
select * from rmt20.tpcc.dbo.t_new_order
union all
select * from rmt21.tpcc.dbo.t_new_order
union all
select * from rmt22.tpcc.dbo.t_new_order
union all
select * from rmt23.tpcc.dbo.t_new_order
union all
select * from rmt24.tpcc.dbo.t_new_order
union all
select * from rmt25.tpcc.dbo.t_new_order
union all
select * from rmt26.tpcc.dbo.t_new_order
union all
select * from rmt27.tpcc.dbo.t_new_order
union all
select * from rmt28.tpcc.dbo.t_new_order
union all
select * from rmt29.tpcc.dbo.t_new_order
union all
select * from rmt30.tpcc.dbo.t_new_order
union all
select * from rmt31.tpcc.dbo.t_new_order
go

create view item as
select * from t_item
go

item_iot1.sql

-- file 1_to_1800\item_iot.sql

--add item instead-of-trigger for partition 1

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

use tpcc
go

```

```

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- local node (partition 1)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11

```

```

DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt22.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot2.sql

```

-- file 1801_to_3600\item_iot.sql

--add item instead-of-trigger for partition 2

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 2)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```



```

INSERT rmt9.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 10
DELETE A FROM rmt10.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 11
DELETE A FROM rmt11.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 12
DELETE A FROM rmt12.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 13
DELETE A FROM rmt13.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 14
DELETE A FROM rmt14.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 15
DELETE A FROM rmt15.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 16
DELETE A FROM rmt16.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 17
DELETE A FROM rmt17.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 18
DELETE A FROM rmt18.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 19
DELETE A FROM rmt19.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 20
DELETE A FROM rmt20.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 21
DELETE A FROM rmt21.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 22
DELETE A FROM rmt22.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 23
DELETE A FROM rmt23.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 24
DELETE A FROM rmt24.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 25
DELETE A FROM rmt25.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 26
DELETE A FROM rmt26.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 27
DELETE A FROM rmt27.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 28
DELETE A FROM rmt28.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 29
DELETE A FROM rmt29.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 30
DELETE A FROM rmt30.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 31
DELETE A FROM rmt31.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpc.c.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 32

```

```

DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot3.sql

```

-- file 3601_to_5400\item_iot.sql

--add item instead-of-trigger for partition 3

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 3)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19

```

```

DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

item_iot4.sql
-- file 5401_to_7200\item_iot.sql
--add item instead-of-trigger for partition 4

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 4)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6

```

```

DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot5.sql

```

-- file 7201_to_9000\item_iot5.sql
--add item instead-of-trigger for partition 5

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4

```

```

DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 5)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--

```

```

-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot6.sql

```

-- file 9001_to_10800\item_iot.sql

--add item instead-of-trigger for partition 6

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- local node (partition 6)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED
--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 25

```

```

DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot7.sql

```

-- file 10801_to_12600\item_iot.sql

--add item instead-of-trigger for partition 7

set ANSL_DEFAULTS on
set IMPLICIT_TRANSACTIONsoff
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

```

```

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 7)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12

```



```

DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot8.sql

```

-- file 12601_to_14400\item_iot.sql
--add item instead-of-trigger for partition 8

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off

```

```

go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 8)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot9.sql

```

-- file 14401_to_16200\item_iot.sql

--add item instead-of-trigger for partition 9

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- local node (partition 9)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20

```

```

DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt31.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 32
DELETE A FROM rmt32.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpc.dbo.t_item SELECT * FROM INSERTED

end
item_iot10.sql

-- file 16201_to_18000\item_iot.sql

--add item instead-of-trigger for partition 10

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7

```

```

DELETE A FROM rmt7.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 8
DELETE A FROM rmt8.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 9
DELETE A FROM rmt9.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- local node (partition 10)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED
--
-- remote node, partition 11
DELETE A FROM rmt11.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 12
DELETE A FROM rmt12.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 13
DELETE A FROM rmt13.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 14
DELETE A FROM rmt14.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 15
DELETE A FROM rmt15.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 16
DELETE A FROM rmt16.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 17
DELETE A FROM rmt17.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 18
DELETE A FROM rmt18.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 19
DELETE A FROM rmt19.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpc.c.dbo.t_item SELECT * FROM INSERTED

--

```

```

-- remote node, partition 30
DELETE A FROM rmt30.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpc.c.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot11.sql

```

-- file 18001_to_19800\item_iot.sql

--add item instead-of-trigger for partition 11

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- local node (partition 11)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED
--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 28

```

```

DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot12.sql

```

-- file 19801_to_21600\item_iot.sql

--add item instead-of-trigger for partition 12

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 12)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15

```



```

DELETE A FROM rmt15.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpc.dbo.t_item SELECT * FROM INSERTED

end

item_iot13.sql

-- file 21601_to_23400\item_iot.sql
--add item instead-of-trigger for partition 13

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin
--
-- remote node, partition 1
DELETE A FROM rmt1.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpc.dbo.t_item SELECT * FROM INSERTED
--

```

```

-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 13)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id

```

```

INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot14.sql

```

-- file 23401_to_25200\item_iot.sql
--add item instead-of-trigger for partition 14

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

use tpcc
go

drop trigger iot_item
go

```

```

create trigger iot_item on item instead of update, insert, delete as
begin
--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 14)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

item_iot15.sql

-- file 25201_to_27000\item_iot.sql

--add item instead-of-trigger for partition 15

```

```

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 15)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt21.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpc.dbo.t_item SELECT * FROM INSERTED

```

```
end
```

item_iot16.sql

```

-- file 27001_to_28800\item_iot.sql

--add item instead-of-trigger for partition 16

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8

```

```

DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 16)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--

```

```

-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot17.sql

```

-- file 28801_to_30600\item_iot.sql

--add item instead-of-trigger for partition 17

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 17)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--

```



```

-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29

```

```

DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot18.sql

```

-- file 30601_to_32400\item_iot.sql

--add item instead-of-trigger for partition 18

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--

```

```

-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 18)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt27.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 28
DELETE A FROM rmt28.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 29
DELETE A FROM rmt29.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 30
DELETE A FROM rmt30.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 31
DELETE A FROM rmt31.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 32
DELETE A FROM rmt32.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpc.dbo.t_item SELECT * FROM INSERTED
end

```

item_iot19.sql

```

-- file 32401_to_34200\item_iot.sql
--add item instead-of-trigger for partition 19

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONsoff
go

use tpc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 2
DELETE A FROM rmt2.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpc.dbo.t_item SELECT * FROM INSERTED
--

```

```

-- remote node, partition 3
DELETE A FROM rmt3.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 4
DELETE A FROM rmt4.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 5
DELETE A FROM rmt5.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 6
DELETE A FROM rmt6.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 7
DELETE A FROM rmt7.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 8
DELETE A FROM rmt8.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 9
DELETE A FROM rmt9.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 10
DELETE A FROM rmt10.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 11
DELETE A FROM rmt11.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 12
DELETE A FROM rmt12.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 13
DELETE A FROM rmt13.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 14

```

```

DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 19)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot20.sql

```

-- file 34201_to_36000\item_iot.sql
--add item instead-of-trigger for partition 20

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1

```

```

DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 20)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--

```

```

-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot21.sql

```

-- file 36001_to_37800\item_iot.sql
--add item instead-of-trigger for partition 21

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONsoff
go

use tpcc

```

```

go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 21)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot22.sql

```
-- file 37801_to_39600\item_iot.sql

--add item instead-of-trigger for partition 22

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED
```

```
--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
```



```

DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 22)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot23.sql

```

-- file 39601_to_41400\item_iot.sql

--add item instead-of-trigger for partition 23

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7

```

```

DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 23)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--

```

```

-- remote node, partition 30
DELETE A FROM rmt30.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpc.c.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot24.sql

```

-- file 41401_to_43200\item_iot.sql

--add item instead-of-trigger for partition 24

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
go

use tpc.c
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt5.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpc.c.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpc.c.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpc.c.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 24)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end
item_iot25.sql
-- file 43201_to_45000\item_iot.sql
--add item instead-of-trigger for partition 25

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--

```

```

-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15

```

```

DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 25)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 27
DELETE A FROM rmt27.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot26.sql

```

-- file 45001_to_46800\item_iot.sql

--add item instead-of-trigger for partition 26

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONsoff
go

use tpc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2

```

```

DELETE A FROM rmt2.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- local node (partition 26)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED
--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED
end

```

item_iot27.sql

```

-- file 46801_to_48600\item_iot.sql
--add item instead-of-trigger for partition 27

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as

```

```

begin
--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 23

```



```

DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 27)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot28.sql

```

-- file 48601_to_50400\item_iot.sql
--add item instead-of-trigger for partition 28

set ANSI_DEFAULTS on

```

```

set IMPLICIT_TRANSACTIONSOFF
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10

```

```

DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 28)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot29.sql

```
-- file 50401_to_52200\item_iot.sql

--add item instead-of-trigger for partition 29

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONsoff
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED
```

```
--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
```

```

-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 29)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

item_iot30.sql

-- file 52201_to_54000\item_iot.sql

--add item instead-of-trigger for partition 30

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7

```

```

DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- local node (partition 30)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 31
DELETE A FROM rmt31.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot31.sql

```

-- file 54001_to_55800\item_iot.sql

--add item instead-of-trigger for partition 31

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 4
DELETE A FROM rmt4.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```

```

INSERT rmt5.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15
DELETE A FROM rmt15.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 28

```

```

DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- local node (partition 31)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED

--
-- remote node, partition 32
DELETE A FROM rmt32.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt32.tpcc.dbo.t_item SELECT * FROM INSERTED

end

```

item_iot32.sql

```

-- file 55801_to_57600\item_iot.sql
--add item instead-of-trigger for partition 32

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

use tpcc
go

drop trigger iot_item
go

create trigger iot_item on item instead of update, insert, delete as
begin

--
-- remote node, partition 1
DELETE A FROM rmt1.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt1.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 2
DELETE A FROM rmt2.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt2.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 3
DELETE A FROM rmt3.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt3.tpcc.dbo.t_item SELECT * FROM INSERTED

```

```

--
-- remote node, partition 4
DELETE A FROM rmt4.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt4.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 5
DELETE A FROM rmt5.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt5.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 6
DELETE A FROM rmt6.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt6.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 7
DELETE A FROM rmt7.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt7.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 8
DELETE A FROM rmt8.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt8.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 9
DELETE A FROM rmt9.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt9.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 10
DELETE A FROM rmt10.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt10.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 11
DELETE A FROM rmt11.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt11.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 12
DELETE A FROM rmt12.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt12.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 13
DELETE A FROM rmt13.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt13.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 14
DELETE A FROM rmt14.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt14.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 15

```

```

DELETE A FROM rmt15.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt15.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 16
DELETE A FROM rmt16.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt16.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 17
DELETE A FROM rmt17.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt17.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 18
DELETE A FROM rmt18.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt18.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 19
DELETE A FROM rmt19.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt19.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 20
DELETE A FROM rmt20.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt20.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 21
DELETE A FROM rmt21.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt21.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 22
DELETE A FROM rmt22.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt22.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 23
DELETE A FROM rmt23.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt23.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 24
DELETE A FROM rmt24.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt24.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 25
DELETE A FROM rmt25.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt25.tpcc.dbo.t_item SELECT * FROM INSERTED

--
-- remote node, partition 26
DELETE A FROM rmt26.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id

```



```

INSERT rmt26.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 27
DELETE A FROM rmt27.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt27.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 28
DELETE A FROM rmt28.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt28.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 29
DELETE A FROM rmt29.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt29.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 30
DELETE A FROM rmt30.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt30.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- remote node, partition 31
DELETE A FROM rmt31.tpcc.dbo.t_item A, DELETED D WHERE
A.i_id = D.i_id
INSERT rmt31.tpcc.dbo.t_item SELECT * FROM INSERTED
--
-- local node (partition 32)
DELETE A FROM t_item A, DELETED D WHERE A.i_id = D.i_id
INSERT t_item SELECT * FROM INSERTED
end

```

backup.sql

```

-- File: BACKUP.SQL
-- Microsoft TPC-C Benchmark Kit Ver. 4.30
-- Copyright Microsoft, 2000
-- Purpose: Creates backup of tpcc database

```

```

declare @startdate datetime
declare @enddate datetime
select @startdate = getdate()
select 'Start date:', convert(varchar(30),@startdate,9)

```

```

dump database tpcc to tpccback1, tpccback2, tpccback3, tpccback4
with init, stats = 1, blocksize = 4096

```

```

select @enddate = getdate()
select 'End date:', convert(varchar(30),@enddate,9)
select 'Elapsed time (in seconds): ', datediff(second, @startdate,
@enddate)

```

```
go
```

backupdev.sql

```

-- File: BACKUPDEVB.SQL
-- Microsoft TPC-C Benchmark Kit Ver. 4.30

```

```

-- Copyright Microsoft, 2000
-- Purpose: Creates tpcc database Backup Devices

```

```

use master
go

```

```
-- create backup devices
```

```

exec sp_addumpdevice 'disk','tpccback1','f:\tpccback1.dmp'
exec sp_addumpdevice 'disk','tpccback2','g:\tpccback2.dmp'
exec sp_addumpdevice 'disk','tpccback3','h:\tpccback3.dmp'
exec sp_addumpdevice 'disk','tpccback4','k:\tpccback4.dmp'
go

```

createdb.sql

```

-- File: CREATEDB.SQL
-- Microsoft TPC-C Benchmark Kit Ver. 4.30
-- Copyright Microsoft, 2000
-- Purpose: Creates tpcc database and backup files for 10 warehouses

```

```

use master
go

```

```
-- Create temporary table for timing
```

```

if exists ( select name from sysobjects where name = 'tpcc_timer' )
drop table tpcc_timer

```

```
go
```

```

create table tpcc_timer
(
    start_date char(30),
    end_date char(30)
)

```

```

insert into tpcc_timer values (0,0)
go

```

```
-- Store starting time
```

```

update tpcc_timer
set start_date = (select convert(char(30), getdate(),9))
go

```

```
-- create main database files
```

```

CREATE DATABASE tpcc
ON PRIMARY
(
    NAME = MSSQL80_tpcc_root,
    FILENAME = "j:\MSSQL80_tpcc_root.mdf",
    SIZE = 8MB,
    FILEGROWTH = 0),
FILEGROUP misc_fg
(
    NAME = MSSQL80_tpcc_misc_1,
    FILENAME = "C:\devjp\misc_files_1\",
    SIZE = 4000MB,
    FILEGROWTH = 0),
(
    NAME = MSSQL80_tpcc_misc_2,
    FILENAME = "C:\devjp\misc_files_2\",
    SIZE = 4000MB,
    FILEGROWTH = 0),
(
    NAME = MSSQL80_tpcc_misc_3,
    FILENAME = "C:\devjp\misc_files_3\",

```

```

        SIZE                = 4000MB,
        FILEGROWTH          = 0),
(
    NAME                    = MSSQL80_tpcc_misc_4,
    FILENAME                = "C:\devjp\misc_files_4\",
    SIZE                    = 4000MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_misc_5,
    FILENAME                = "C:\devjp\misc_files_5\",
    SIZE                    = 4000MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_misc_6,
    FILENAME                = "C:\devjp\misc_files_6\",
    SIZE                    = 4000MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_misc_7,
    FILENAME                = "C:\devjp\misc_files_7\",
    SIZE                    = 4000MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_misc_8,
    FILENAME                = "C:\devjp\misc_files_8\",
    SIZE                    = 4000MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_misc_9,
    FILENAME                = "C:\devjp\misc_files_9\",
    SIZE                    = 4000MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_misc_10,
    FILENAME                = "C:\devjp\misc_files_10\",
    SIZE                    = 4000MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_misc_11,
    FILENAME                = "C:\devjp\misc_files_11\",
    SIZE                    = 4000MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_misc_12,
    FILENAME                = "C:\devjp\misc_files_12\",
    SIZE                    = 4000MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_misc_13,
    FILENAME                = "C:\devjp\misc_files_13\",
    SIZE                    = 4000MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_misc_14,
    FILENAME                = "C:\devjp\misc_files_14\",
    SIZE                    = 4000MB,
    FILEGROWTH              = 0),
FILEGROUP big_fg
(
    NAME                    = MSSQL80_tpcc_big_1,
    FILENAME                = "C:\devjp\big_files_1\",
    SIZE                    = 8500MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_big_2,
    FILENAME                = "C:\devjp\big_files_2\",
    SIZE                    = 8500MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_big_3,
    FILENAME                = "C:\devjp\big_files_3\",
    SIZE                    = 8500MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_big_4,
    FILENAME                = "C:\devjp\big_files_4\",
    SIZE                    = 8500MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_big_5,
    FILENAME                = "C:\devjp\big_files_5\",
    SIZE                    = 8500MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_big_6,
    FILENAME                = "C:\devjp\big_files_6\",
    SIZE                    = 8500MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_big_7,
    FILENAME                = "C:\devjp\big_files_7\",
    SIZE                    = 8500MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_big_8,
    FILENAME                = "C:\devjp\big_files_8\",
    SIZE                    = 8500MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_big_9,
    FILENAME                = "C:\devjp\big_files_9\",
    SIZE                    = 8500MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_big_10,
    FILENAME                = "C:\devjp\big_files_10\",
    SIZE                    = 8500MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_big_11,
    FILENAME                = "C:\devjp\big_files_11\",
    SIZE                    = 8500MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_big_12,
    FILENAME                = "C:\devjp\big_files_12\",
    SIZE                    = 8500MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_big_13,
    FILENAME                = "C:\devjp\big_files_13\",
    SIZE                    = 8500MB,
    FILEGROWTH              = 0),
(
    NAME                    = MSSQL80_tpcc_big_14,
    FILENAME                = "C:\devjp\big_files_14\",
    SIZE                    = 8500MB,
    FILEGROWTH              = 0)
LOG ON
(
    NAME                    = MSSQL80_tpcc_log,
    FILENAME                = "E:",
    SIZE                    = 61000MB,
    FILEGROWTH              = 0)
go
-- Store ending time
update tpcc_timer
set end_date = (select convert(char(30), getdate(),9))
go
select "Elapsed time (in seconds): ", datediff(second,(select start_date
from tpcc_timer),(select end_date from tpcc_timer))

-- remove temporary table
if exists ( select name from sysobjects where name = 'tpcc_timer' )
drop table tpcc_timer
go
tables.sql
-- File: TABLES.SQL
-- Microsoft TPC-C Benchmark Kit Ver. 4.30
-- Copyright Microsoft, 2000
-- Purpose: Creates TPC-C tables

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
set QUOTED_IDENTIFIER off
SET ANSI_NULL_DFLT_ON off

```

```

go

use tpcc
go

--
-- Remove all existing TPC-C tables, views, etc.
--

if objectproperty(object_id('warehouse'), 'IsView') is not null
    drop view warehouse
go
if objectproperty(object_id('district'), 'IsView') is not null
    drop view district
go
if objectproperty(object_id('customer'), 'IsView') is not null
    drop view customer
go
if objectproperty(object_id('history'), 'IsView') is not null
    drop view history
go
if objectproperty(object_id('stock'), 'IsView') is not null
    drop view stock
go
if objectproperty(object_id('orders'), 'IsView') is not null
    drop view orders
go
if objectproperty(object_id('order_line'), 'IsView') is not null
    drop view order_line
go
if objectproperty(object_id('new_order'), 'IsView') is not null
    drop view new_order
go
if objectproperty(object_id('item'), 'IsView') is not null
    drop view item
go

if objectproperty(object_id('t_warehouse'), 'IsTable') is not null
    drop table t_warehouse
go
if objectproperty(object_id('t_district'), 'IsTable') is not null
    drop table t_district
go
if objectproperty(object_id('t_customer'), 'IsTable') is not null
    drop table t_customer
go
if objectproperty(object_id('t_history'), 'IsTable') is not null
    drop table t_history
go
if objectproperty(object_id('t_new_order'), 'IsTable') is not null
    drop table t_new_order
go
if objectproperty(object_id('t_orders'), 'IsTable') is not null
    drop table t_orders
go
if objectproperty(object_id('t_order_line'), 'IsTable') is not null
    drop table t_order_line
go
if objectproperty(object_id('t_item'), 'IsTable') is not null
    drop table t_item
go
if objectproperty(object_id('t_stock'), 'IsTable') is not null
    drop table t_stock

```

```

go
--
-- Create new tables
--

create table t_warehouse
(
    w_id                int,
    w_name              char(10),
    w_street_1         char(20),
    w_street_2         char(20),
    w_city              char(20),
    w_state             char(2),
    w_zip              char(9),
    w_tax              numeric(4,4),
    w_ytd              numeric(12,2)
) on misc_fg
go

create table t_district
(
    d_id                tinyint,
    d_w_id              int,
    d_name              char(10),
    d_street_1         char(20),
    d_street_2         char(20),
    d_city              char(20),
    d_state             char(2),
    d_zip              char(9),
    d_tax              numeric(4,4),
    d_ytd              numeric(12,2),
    d_next_o_id        int
) on misc_fg
go

create table t_customer
(
    c_id                int,
    c_d_id              tinyint,
    c_w_id              int,
    c_first             char(16),
    c_middle            char(2),
    c_last              char(16),
    c_street_1         char(20),
    c_street_2         char(20),
    c_city              char(20),
    c_state             char(2),
    c_zip              char(9),
    c_phone            char(16),
    c_since             datetime,
    c_credit            char(2),
    c_credit_lim        numeric(12,2),
    c_discount          numeric(4,4),
    c_balance           numeric(12,2),
    c_ytd_payment      numeric(12,2),
    c_payment_cnt       smallint,
    c_delivery_cnt      smallint,
    c_data              char(500)
) on big_fg
go

create table t_history
(
    h_c_id              int,
    h_c_d_id            tinyint,
    h_c_w_id            int,

```

```

        h_d_id                tinyint,
        h_w_id                int,
        h_date                datetime,
        h_amount              numeric(6,2),
        h_data                char(24),
        constraint history_c1PK primary key clustered (h_w_id,
h_d_id, h_c_id, h_date)
) on misc_fg
go

create table t_new_order
(
        no_o_id                int,
        no_d_id                tinyint,
        no_w_id                int
) on misc_fg
go

create table t_orders
(
        o_id                  int,
        o_d_id                tinyint,
        o_w_id                int,
        o_c_id                int,
        o_entry_d              datetime,
        o_carrier_id          tinyint,
        o_ol_cnt              tinyint,
        o_all_local            tinyint
) on misc_fg
go

create table t_order_line
(
        ol_o_id                int,
        ol_d_id                tinyint,
        ol_w_id                int,
        ol_number              tinyint,
        ol_i_id                int,
        ol_supply_w_id         int,
        ol_delivery_d          datetime,
        ol_quantity            smallint,
        ol_amount              numeric(6,2),
        ol_dist_info           char(24)
) on misc_fg
go

create table t_item
(
        i_id                  int,
        i_im_id                int,
        i_name                 char(24),
        i_price                numeric(5,2),
        i_data                 char(50)
) on misc_fg
go

create table t_stock
(
        s_i_id                int,
        s_w_id                int,
        s_quantity            smallint,
        s_dist_01              char(24),
        s_dist_02              char(24),
        s_dist_03              char(24),
        s_dist_04              char(24),
        s_dist_05              char(24),
        s_dist_06              char(24),
        s_dist_07              char(24),

```

```

        s_dist_08              char(24),
        s_dist_09              char(24),
        s_dist_10              char(24),
        s_ytd                  int,
        s_order_cnt            smallint,
        s_remote_cnt           smallint,
        s_data                 char(50)
) on big_fg
go

```

dbopt1.sql

```

-- File: DBOPT1.SQL
-- Microsoft TPC-C Benchmark Kit Ver. 4.30
-- Copyright Microsoft, 2000
-- Purpose: Sets database options for data load

```

```

use master
go

exec sp_dboption tpcc,'select into/bulkcopy',true
exec sp_dboption tpcc,'trunc. log on chkpt.',true
exec sp_dboption tpcc,'torn page detection',false
go

use tpcc
go

checkpoint
go

```

dbopt2.sql

```

-- File: DBOPT2_SHILOH.SQL
-- Microsoft TPC-C Benchmark Kit Ver. 4.30
-- Copyright Microsoft, 2000
-- Purpose: Resets database options after data load

```

```

use master
go

sp_dboption tpcc,'select ',false
go

sp_dboption tpcc,'trunc. ',false
go

use tpcc
go

checkpoint
go

sp_configure allow,1
go

reconfigure with override
go

/*                */
/* Set option values for user-defined indexes */
/*                */

```

```

sp_indexoption 't_customer', 'DisallowPageLocks', TRUE
go
sp_indexoption 't_district', 'DisallowPageLocks',TRUE
go
sp_indexoption 't_warehouse', 'DisallowPageLocks',
TRUE
go
sp_indexoption 't_stock', 'DisallowPageLocks',TRUE
go
sp_indexoption 't_order_line', 'DisallowRowLocks',
TRUE
go
sp_indexoption 't_orders', 'DisallowRowLocks',TRUE
go
sp_indexoption 't_new_order', 'DisallowRowLocks',
TRUE
go
sp_indexoption 't_item', 'DisallowRowLocks',TRUE
go
sp_indexoption 't_item', 'DisallowPageLocks',TRUE
go

Print ''
Print '*****'
Print 'Pre-specified Locking Hierarchy:'
Print ' Lockflag = 0 ==> No pre-specified hierarchy'
Print ' Lockflag = 1 ==> Lock at Page-level then Table-level'
Print ' Lockflag = 2 ==> Lock at Row-level then Table-level'
Print ' Lockflag = 3 ==> Lock at Table-level'
Print ''

select name,lockflags
from sysindexes
where object_id("t_warehouse") = id or
object_id("t_district") = id or
object_id("t_customer") = id or
object_id("t_stock") = id or
object_id("t_orders") = id or
object_id("t_order_line") = id or
object_id("t_history") = id or
object_id("t_new_order") = id or
object_id("t_item") = id
order by lockflags asc
go

sp_configure allow,0
go

reconfigure with override
go

exec sp_dboption tpcc, 'auto update statistics',
FALSE
exec sp_dboption tpcc, 'auto create statistics', FALSE
go

exec sp_tableoption "t_district", "pintable",true
exec sp_tableoption "t_warehouse", "pintable",true
exec sp_tableoption "t_new_order", "pintable",true
exec sp_tableoption "t_item", "pintable",true
go

```

idxcuscl.sql

```

-- File: IDXCUSCL.SQL
-- Microsoft TPC-C Benchmark Kit Ver. 4.30

```

```

-- Copyright Microsoft, 2000
-- Purpose: Creates clustered index on customer table

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
set QUOTED_IDENTIFIER off
go

use tpcc
go

declare @startdate datetime
declare @enddate datetime
select @startdate = getdate()
select "Start date:", convert(varchar(30),@startdate,9)

if exists (select o.name from sysconstraints c, sysobjects o
where c.id = object_id('t_customer') and c.constid = o.id and o.name =
'customer_c1PK' )
alter table t_customer drop constraint customer_c1PK

alter table t_customer add constraint customer_c1PK primary key
clustered (c_w_id, c_d_id, c_id)
on big_fg

select @enddate = getdate()
select "End date: ", convert(varchar(30),@enddate,9)
select "Elapsed time (in seconds): ", datediff(second, @startdate,
@enddate)

go

```

idxcusnc.sql

```

-- File: IDXCUSNC.SQL
-- Microsoft TPC-C Benchmark Kit Ver. 4.30
-- Copyright Microsoft, 2000
-- Purpose: Creates non-clustered index on customer table

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
set QUOTED_IDENTIFIER off
go

use tpcc
go

declare @startdate datetime
declare @enddate datetime
select @startdate = getdate()
select "Start date:", convert(varchar(30),@startdate,9)

if exists ( select name from sysindexes where name = 'customer_nc1' )
drop index t_customer.customer_nc1

create unique nonclustered index customer_nc1 on t_customer(c_w_id,
c_d_id, c_last, c_first, c_id)
on big_fg

select @enddate = getdate()
select "End date: ", convert(varchar(30),@enddate,9)
select "Elapsed time (in seconds): ", datediff(second, @startdate,
@enddate)

go

```

idxdiscl.sql

```
-- File:  IDXDISCL.SQL
--      Microsoft TPC-C Benchmark Kit Ver. 4.20
--      Copyright Microsoft, 2000
-- Purpose: Creates clustered index on district table

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
set QUOTED_IDENTIFIER off
go

use tpcc
go

declare @startdate datetime
declare @enddate datetime
select @startdate = getdate()
select "Start date:", convert(varchar(30),@startdate,9)

if exists (select o.name from sysconstraints c, sysobjects o
where c.id = object_id('t_district') and c.constid = o.id and o.name =
'district_c1PK' )
    alter table t_district drop constraint district_c1PK

alter table t_district add constraint district_c1PK primary key clustered
(d_w_id, d_id)
    with fillfactor=100
    on misc_fg

select @enddate = getdate()
select "End date: ", convert(varchar(30),@enddate,9)
select "Elapsed time (in seconds): ", datediff(second, @startdate,
@enddate)

go
```

idxitmcl.sql

```
-- File:  IDXITMCL.SQL
--      Microsoft TPC-C Benchmark Kit Ver. 4.30
--      Copyright Microsoft, 2000
-- Purpose: Creates clustered index on item table

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
set QUOTED_IDENTIFIER off
go

use tpcc
go

declare @startdate datetime
declare @enddate datetime
select @startdate = getdate()
select "Start date:", convert(varchar(30),@startdate,9)

if exists ( select name from sysindexes where name = 'item_c1' )
    drop index t_item.item_c1

create unique clustered index item_c1 on t_item(i_id)
    on misc_fg

select @enddate = getdate()
select "End date: ", convert(varchar(30),@enddate,9)
select "Elapsed time (in seconds): ", datediff(second, @startdate,
@enddate)
```

go

idxnodcl.sql

```
-- File:  IDXNODCL.SQL
--      Microsoft TPC-C Benchmark Kit Ver. 4.30
--      Copyright Microsoft, 2000
-- Purpose: Creates clustered index on new_order table

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
set QUOTED_IDENTIFIER off
go

use tpcc
go

declare @startdate datetime
declare @enddate datetime
select @startdate = getdate()
select "Start date:", convert(varchar(30),@startdate,9)

if exists (select o.name from sysconstraints c, sysobjects o
where c.id = object_id('t_new_order') and c.constid = o.id and o.name
= 't_new_order_c1PK' )
    alter table t_new_order drop constraint new_order_c1PK

alter table t_new_order add constraint new_order_c1PK primary key
clustered (no_w_id, no_d_id, no_o_id)
    on misc_fg

select @enddate = getdate()
select "End date: ", convert(varchar(30),@enddate,9)
select "Elapsed time (in seconds): ", datediff(second, @startdate,
@enddate)

go
```

idxodlcl.sql

```
-- File:  IDXODLCL.SQL
--      Microsoft TPC-C Benchmark Kit Ver. 4.30
--      Copyright Microsoft, 2000
-- Purpose: Creates clustered index on order_line table

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
set QUOTED_IDENTIFIER off
go

use tpcc
go

declare @startdate datetime
declare @enddate datetime
select @startdate = getdate()
select "Start date:", convert(varchar(30),@startdate,9)

if exists (select o.name from sysconstraints c, sysobjects o
where c.id = object_id('t_order_line') and c.constid = o.id and o.name
= 'order_line_c1PK' )
    alter table t_order_line drop constraint order_line_c1PK
```

```
alter table t_order_line add constraint order_line_c1PK primary key
clustered (ol_w_id, ol_d_id, ol_o_id, ol_number)
on misc_fg
```

```
select @enddate = getdate()
select "End date: ", convert(varchar(30),@enddate,9)
select "Elapsed time (in seconds): ", datediff(second, @startdate,
@enddate)
```

```
go
```

idxordcl.sql

```
-- File:   IDXORDCL.SQL
--       Microsoft TPC-C Benchmark Kit Ver. 4.30
--       Copyright Microsoft, 2000
-- Purpose: Creates clustered index on orders table
```

```
set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
set QUOTED_IDENTIFIER off
go
```

```
use tpcc
go
```

```
declare @startdate datetime
declare @enddate datetime
select @startdate = getdate()
select "Start date:", convert(varchar(30),@startdate,9)
```

```
if exists (select o.name from sysconstraints c, sysobjects o
where c.id = object_id('t_orders') and c.constid = o.id and o.name =
'orders_c1PK')
alter table t_orders drop constraint orders_c1PK
```

```
alter table t_orders add constraint orders_c1PK primary key clustered
(o_w_id, o_d_id, o_id)
on misc_fg
```

```
select @enddate = getdate()
select "End date: ", convert(varchar(30),@enddate,9)
select "Elapsed time (in seconds): ", datediff(second, @startdate,
@enddate)
```

```
go
```

idxordnc.sql

```
-- File:   IDXORDNC.SQL
--       Microsoft TPC-C Benchmark Kit Ver. 4.30
--       Copyright Microsoft, 2000
-- Purpose: Creates non-clustered index on orders table
```

```
set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
set QUOTED_IDENTIFIER off
go
```

```
use tpcc
go
```

```
declare @startdate datetime
declare @enddate datetime
select @startdate = getdate()
select "Start date:", convert(varchar(30),@startdate,9)
```

```
if exists ( select name from sysindexes where name = 'orders_nc1' )
drop index t_orders.orders_nc1
```

```
create index orders_nc1 on t_orders(o_w_id, o_d_id, o_c_id, o_id)
on misc_fg
```

```
select @enddate = getdate()
select "End date: ", convert(varchar(30),@enddate,9)
select "Elapsed time (in seconds): ", datediff(second, @startdate,
@enddate)
```

```
go
```

idxstkcl.sql

```
-- File:   IDXSTKCL.SQL
--       Microsoft TPC-C Benchmark Kit Ver. 4.30
--       Copyright Microsoft, 2000
-- Purpose: Creates clustered index on stock table
```

```
set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
set QUOTED_IDENTIFIER off
go
```

```
use tpcc
go
```

```
declare @startdate datetime
declare @enddate datetime
select @startdate = getdate()
select "Start date:", convert(varchar(30),@startdate,9)
```

```
if exists (select o.name from sysconstraints c, sysobjects o
where c.id = object_id('t_stock') and c.constid = o.id and o.name =
'stock_c1PK')
alter table t_stock drop constraint stock_c1PK
```

```
alter table t_stock add constraint stock_c1PK primary key clustered
(s_i_id, s_w_id)
on big_fg
```

```
select @enddate = getdate()
select "End date: ", convert(varchar(30),@enddate,9)
select "Elapsed time (in seconds): ", datediff(second, @startdate,
@enddate)
```

```
go
```

idxwarcl.sql

```
-- File:   IDXWARCL.SQL
--       Microsoft TPC-C Benchmark Kit Ver. 4.30
--       Copyright Microsoft, 2000
-- Purpose: Creates clustered index on warehouse table
```

```
set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONSOFF
set QUOTED_IDENTIFIER off
go
```

```
use tpcc
go
```

```
declare @startdate datetime
```

```

declare @enddate datetime
select @startdate = getdate()
select "Start date:", convert(varchar(30),@startdate,9)

if exists (select o.name from sysconstraints c, sysobjects o
where c.id = object_id('t_warehouse') and c.constid = o.id and o.name
= 'warehouse_c1PK')
    alter table t_warehouse drop constraint warehouse_c1PK

alter table t_warehouse add constraint warehouse_c1PK primary key
clustered (w_id)
    with fillfactor=100
    on misc_fg

select @enddate = getdate()
select "End date: ", convert(varchar(30),@enddate,9)
select "Elapsed time (in seconds): ", datediff(second, @startdate,
@enddate)

go

```

version.sql

```

-- File:  VERSION.SQL
--      Microsoft TPC-C Benchmark Kit Ver. 4.10
--      Copyright Microsoft, 1999
-- Purpose: Returns version level of TPC-C stored procs
-- Note:  Always update the return value of this proc for
--        any interface changes or 'must have' bug fixes.

set ANSI_DEFAULTS on
set IMPLICIT_TRANSACTIONS off
go

use tpcc
go

if exists ( select name from sysobjects where name = 'tpcc_version' )
    drop procedure tpcc_version
go

create proc tpcc_version
as
declare    @version char(8)

begin
    select @version = '4.10.000'
    select @version as 'Version'
end

go

```

Load Source Code

getargs.c

```

//      File:          GETARGS.C
//                  Microsoft TPC-C Kit Ver.
4.30
//                  Copyright Microsoft,
1996, 1997, 1998, 1999, 2000
//      Purpose:  Source file for command line processing

```

```

// Includes
#include "tpcc.h"

//=====
//
// Function name: GetArgsLoader
//
//=====

void GetArgsLoader(int argc, char **argv, TPCCLDR_ARGS *pargs)
{
    int          i;
    char        *ptr;

#ifdef DEBUG
    printf("[%ld]DBG: Entering GetArgsLoader()\n", (int)
GetCurrentThreadId());
#endif

    /* init args struct with some useful values */
    pargs->server          = SERVER;
    pargs->user             = USER;
    pargs->password        = PASSWORD;
    pargs->database        = DATABASE;
    pargs->batch            = BATCH;
    pargs->num_warehouses  = UNDEF;
        pargs->tables_all   = TRUE;
        pargs->table_item   = FALSE;
        pargs->table_warehouse = FALSE;
        pargs->table_customer = FALSE;
        pargs->table_orders  = FALSE;
        pargs->loader_res_file =
LOADER_RES_FILE;
        pargs->pack_size     = DEFLDPACKSIZE;
        pargs->starting_warehouse =
DEF_STARTING_WAREHOUSE;
        pargs->build_index  =
BUILD_INDEX;
        pargs->index_order  =
INDEX_ORDER;
        pargs->index_script_path =
INDEX_SCRIPT_PATH;
        pargs->scale_down   =
SCALE_DOWN;

    /* check for zero command line args */
    if ( argc == 1 )
        GetArgsLoaderUsage();

    for ( i = 1; i < argc; ++i )
    {
        if (argv[i][0] != '-' && argv[i][0] != '/')
        {
            printf("\nUnrecognized command");
            GetArgsLoaderUsage();
            exit(1);
        }

        ptr = argv[i];

        switch (ptr[1])
        {
            case 'h': /* Fall through */
            case 'H':
                GetArgsLoaderUsage();

```



```

printf("-W Number of Warehouses to Load          Required
\n");
printf("-S Server                               %s\n", SERVER);
printf("-U Username                             %s\n", USER);
printf("-P Password                             %s\n",
PASSWORD);
printf("-D Database                             %s\n", DATABASE);
(long) BATCH);
printf("-b Batch Size                           %ld\n",
(long) DEF_LDPACKSIZE);
printf("-p TDS packet size                       %ld\n",
%s\n", LOADER_RES_FILE);
printf("-s Starting Warehouse                   %ld\n",
(long) DEF_STARTING_WAREHOUSE);
printf("-i Build Option (data = 0, data and index = 1)
%ld\n", (long) BUILD_INDEX);
printf("-o Cluster Index Build Order (before = 1, after = 0)
%ld\n", (long) INDEX_ORDER);
printf("-c Build Scaled Database (normal = 0, tiny = 1)
%ld\n", (long) SCALE_DOWN);
printf("-d Index Script Path                     %s\n",
INDEX_SCRIPT_PATH);
printf("-t Table to Load                         all tables
\n");
printf(" [item|warehouse|customer|orders]\n");
printf(" Notes: \n");
printf(" - the '-t' parameter may be included multiple times to \n");

printf(" specify multiple tables to be loaded \n");
printf(" - 'item' loads ITEM table \n");
printf(" - 'warehouse' loads WAREHOUSE, DISTRICT, and
STOCK tables \n");
printf(" - 'customer' loads CUSTOMER and HISTORY tables
\n");
printf(" - 'orders' load NEW-ORDER, ORDERS, ORDER-LINE
tables \n");

printf("\nNote: Command line switches are case
sensitive.\n");

exit(0);
}

random.c

// File: RANDOM.C
// Microsoft TPC-C Kit Ver.
4.30
// Copyright Microsoft,
1996, 1997, 1998, 1999, 2000
// Purpose: Random number generation routines for
database loader

// Includes
#include "tpcc.h"
#include "math.h"

// Defines
#define A 16807
#define M 2147483647
#define Q 127773 /* M div A */
#define R 2836 /* M mod A */
#define Thread __declspec(thread)

// Globals
long Thread Seed = 0; /* thread local seed */

/*****
*****
* random -
* Implements a GOOD pseudo random number generator. This
generator *
* will/should? run the complete period before repeating. *
* Copied from:
* Random Numbers Generators: Good Ones Are Hard to Find.
* Communications of the ACM - October 1988 Volume 31
Number 10 *
* Machine Dependencies:
* long must be 2 ^ 31 - 1 or greater.
*****/

/*****
*****
* seed - load the Seed value used in irand and drand. Should be used
before *
* first call to irand or drand.
*****/

void seed(long val)
{
#ifdef DEBUG
printf("[%ld]DBG: Entering seed()...\n", (int)
GetCurrentThreadId());
printf("Old Seed %ld New Seed %ld\n",Seed, val);
#endif

if ( val < 0 )
val = abs(val);

Seed = val;
}

/*****
*****
* irand - returns a 32 bit integer pseudo random number with a period
of *
* 1 to 2 ^ 32 - 1.
* parameters:
* none.
* returns:
* 32 bit integer - defined as long ( see above ).
* side effects:
* seed get recomputed.
*****/

long irand()
{

```

```

register long s; /* copy of seed */
register long test; /* test flag */
register long hi; /* tmp value for speed */
register long lo; /* tmp value for speed */

#ifdef DEBUG
printf("[%ld]DBG: Entering irand()...\n", (int)
GetCurrentThreadId());
#endif

s = Seed;
hi = s / Q;
lo = s % Q;

test = A * lo - R * hi;
if ( test > 0 )
    Seed = test;
else
    Seed = test + M;

return( Seed );
}

/*****
*****
*
*
* drand - returns a double pseudo random number between 0.0 and 1.0.
*
* See irand.
*
*****
*****/
double drand()
{
#ifdef DEBUG
printf("[%ld]DBG: Entering drand()...\n", (int)
GetCurrentThreadId());
#endif

return( (double)irand() / 2147483647.0);
}

//=====
// Function : RandomNumber
//
// Description:
//=====
long RandomNumber(long lower, long upper)
{
    long rand_num;

#ifdef DEBUG
printf("[%ld]DBG: Entering RandomNumber()...\n", (int)
GetCurrentThreadId());
#endif

if ( upper == lower ) /* pgd 08-13-96 perf enhancement */
    return lower;

    upper++;

if ( upper <= lower )
    rand_num = upper;
else

```

```

        rand_num = lower + irand() % (upper - lower);
/* pgd 08-13-96 perf enhancement */

#ifdef DEBUG
printf("[%ld]DBG: RandomNumber between %ld & %ld ==>
%ld\n",
                                (int)
GetCurrentThreadId(), lower, upper, rand_num);
#endif

return rand_num;
}

#if 0
//Original code pgd 08/13/96
long RandomNumber(long lower,
                                long upper)
{
    long rand_num;

#ifdef DEBUG
printf("[%ld]DBG: Entering RandomNumber()...\n", (int)
GetCurrentThreadId());
#endif

        upper++;

if ((upper <= lower))
    rand_num = upper;
else
    rand_num = lower + irand() % ((upper > lower)
? upper - lower : upper);

#ifdef DEBUG
printf("[%ld]DBG: RandomNumber between %ld & %ld ==>
%ld\n",
                                (int)
GetCurrentThreadId(), lower, upper, rand_num);
#endif

return rand_num;
}
#endif

//=====
// Function : NURand
//
// Description:
//=====
long NURand(int iConst,
            long x,
            long y,
            long C)
{
    long rand_num;

#ifdef DEBUG
printf("[%ld]DBG: Entering NURand()...\n", (int)
GetCurrentThreadId());

```

```

#endif

    rand_num = (((RandomNumber(0,iConst) | RandomNumber(x,y)) +
C) % (y-x+1))+x;

#ifdef DEBUG
    printf("[%ld]DBG: NURand: num = %d\n", (int)
GetCurrentThreadId(), rand_num);
#endif

    return rand_num;
}

```

strings.c

```

//      File:          STRINGS.C
//                               Microsoft TPC-C Kit Ver.
4.30
//                               Copyright Microsoft,
1996, 1997, 1998, 1999, 2000
//      Purpose:   Source file for database loader string functions

// Includes
#include "tpcc.h"
#include <string.h>
#include <ctype.h>

//=====
//
// Function name: MakeAddress
//
//=====

void MakeAddress(char *street_1,
                 char *street_2,
                 char *city,
                 char *state,
                 char *zip)
{
#ifdef DEBUG
    printf("[%ld]DBG: Entering MakeAddress()\n", (int)
GetCurrentThreadId());
#endif

    MakeAlphaString (10, 20, ADDRESS_LEN, street_1);
    MakeAlphaString (10, 20, ADDRESS_LEN, street_2);
    MakeAlphaString (10, 20, ADDRESS_LEN, city);
    MakeAlphaString ( 2,  2, STATE_LEN, state);
    MakeZipNumberString( 9, 9, ZIP_LEN, zip);

#ifdef DEBUG
    printf("[%ld]DBG: MakeAddress: street_1: %s, street_2: %s, city:
%s, state: %s, zip: %s\n",
                 (int) GetCurrentThreadId(), street_1,
street_2, city, state, zip);
#endif

    return;
}

```

```

//=====
//
// Function name: LastName
//
//=====

void LastName(int num,
              char *name)
{
    static char *n[] =
    {
        "BAR", "OUGHT", "ABLE", "PRI", "PRES",
        "ESE", "ANTI", "CALLY", "ATION", "EING"
    };

#ifdef DEBUG
    printf("[%ld]DBG: Entering LastName()\n", (int)
GetCurrentThreadId());
#endif

    if ((num >= 0) && (num < 1000))
    {
        strcpy(name, n[(num/100)%10]);
        strcat(name, n[(num/10)%10]);
        strcat(name, n[(num/1)%10]);

        if (strlen(name) < LAST_NAME_LEN)
        {
            PaddString(LAST_NAME_LEN,
name);
        }
    }
    else
    {
        printf("\nError in LastName()... num <=%ld> out
of range (0,999)\n", num);
        exit(-1);
    }

#ifdef DEBUG
    printf("[%ld]DBG: LastName: num = [%d] ==> [%d][%d][%d]\n",
(int) GetCurrentThreadId(), num,
num/100, (num/10)%10, num%10);
    printf("[%ld]DBG: LastName: String = %s\n", (int)
GetCurrentThreadId(), name);
#endif

    return;
}

//=====
//
// Function name: MakeAlphaString
//
//=====

//philipdu 08/13/96 Changed MakeAlphaString to use A-Z, a-z, and
0-9 in
//accordance with spec see below:
//The spec says:

```

```

//4.3.2.2 The notation random a-string [x .. y]
//(respectively, n-string [x .. y]) represents a string of random
alphanumeric
//(respectively, numeric) characters of a random length of minimum x,
maximum y,
//and mean (y+x)/2. Alphanumerics are A..Z, a..z, and 0..9. The only
other
//requirement is that the character set used "must be able to represent a
minimum
//of 128 different characters". We are using 8-bit chars, so this is a non
issue.
//It is completely unreasonable to stuff non-printing chars into the text
fields.
//-CLevine 08/13/96

int MakeAlphaString( int x, int y, int z, char *str)
{
    int len;
    int i;
    char cc = 'a';
    static char chArray[] =
"0123456789ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz";
    static int chArrayMax = 61;

#ifdef DEBUG
    printf("[%ld]DBG: Entering MakeAlphaString()\n", (int)
GetCurrentThreadId());
#endif

    len= RandomNumber(x, y);

    for (i=0; i<len; i++)
    {
        cc = chArray[RandomNumber(0, chArrayMax)];
        str[i] = cc;
    }
    if ( len < z )
        memset(str+len, ' ', z - len);
    str[z] = 0;

    return len;
}

=====
//
// Function name: MakeOriginalAlphaString
//
=====

int MakeOriginalAlphaString(int x,
int y,
int z,
char *str,
int
percent)
{
    int len;
    int val;
    int start;

#ifdef DEBUG

```

```

    printf("[%ld]DBG: Entering MakeOriginalAlphaString()\n", (int)
GetCurrentThreadId());
#endif

    // verify percentage is valid
    if ((percent < 0) || (percent > 100))
    {
        printf("MakeOriginalAlphaString: Invalid
percentage: %d\n", percent);
        exit(-1);
    }

    // verify string is at least 8 chars in length
    if ((x + y) <= 8)
    {
        printf("MakeOriginalAlphaString: string length
must be >= 8\n");
        exit(-1);
    }

    // Make Alpha String
    len = MakeAlphaString(x,y, z, str);

    val = RandomNumber(1,100);
    if (val <= percent)
    {
        start = RandomNumber(0, len - 8);
        strncpy(str + start, "ORIGINAL", 8);
    }

#ifdef DEBUG
    printf("[%ld]DBG: MakeOriginalAlphaString: : %s\n",
(int) GetCurrentThreadId(), str);
#endif

    return strlen(str);
}

=====
//
// Function name: MakeNumberString
//
=====

int MakeNumberString(int x, int y, int z, char *str)
{
    char tmp[16];

    //MakeNumberString is always called
MakeZipNumberString(16, 16, 16, string)

    memset(str, '0', 16);
    itoa(RandomNumber(0, 99999999), tmp, 10);
    memcpy(str, tmp, strlen(tmp));

    itoa(RandomNumber(0, 99999999), tmp, 10);
    memcpy(str+8, tmp, strlen(tmp));

    str[16] = 0;

    return 16;
}

```

```

//=====
//
// Function name: MakeZipNumberString
//
//=====
int MakeZipNumberString(int x, int y, int z, char *str)
{
    char tmp[16];

    //MakeZipNumberString is always called
    MakeZipNumberString(9, 9, 9, string)

    strcpy(str, "000011111");

    itoa(RandomNumber(0, 9999), tmp, 10);
    memcpy(str, tmp, strlen(tmp));

    return 9;
}

//=====
//
// Function name: InitString
//
//=====
void InitString(char *str, int len)
{
#ifdef DEBUG
    printf("[%ld]DBG: Entering InitString()\n", (int)
GetCurrentThreadId());
#endif

    memset(str, ' ', len);
    str[len] = 0;
}

//=====
//
// Function name: InitAddress
//
// Description:
//
//=====
void InitAddress(char *street_1, char *street_2, char *city, char *state,
char *zip)
{
    memset(street_1, ' ', ADDRESS_LEN+1);
    memset(street_2, ' ', ADDRESS_LEN+1);
    memset(city, ' ', ADDRESS_LEN+1);

    street_1[ADDRESS_LEN+1] = 0;
    street_2[ADDRESS_LEN+1] = 0;
    city[ADDRESS_LEN+1] = 0;

    memset(state, ' ', STATE_LEN+1);
    state[STATE_LEN+1] = 0;

    memset(zip, ' ', ZIP_LEN+1);
    zip[ZIP_LEN+1] = 0;
}

```

```

//=====
//
// Function name: PaddString
//
//=====
void PaddString(int max, char *name)
{
    int len;

    len = strlen(name);
    if ( len < max )
        memset(name+len, ' ', max - len);
    name[max] = 0;

    return;
}

```

time.c

```

// File: TIME.C
// Microsoft TPC-C Kit Ver.
4.30
// Copyright Microsoft,
1996, 1997, 1998, 1999,2000
// Purpose: Source file for time functions

// Includes
#include "tpcc.h"

// Globals
static long start_sec;

//=====
//
// Function name: TimeNow
//
//=====
long TimeNow()
{
    long time_now;
    struct _timeb e1_time;

#ifdef DEBUG
    printf("[%ld]DBG: Entering TimeNow()\n", (int)
GetCurrentThreadId());
#endif

    _ftime(&e1_time);

    time_now = ((e1_time.time - start_sec) * 1000) + e1_time.millitm;

    return time_now;
}

```

tpcc.h

```
// File: TPCC.H
// Microsoft TPC-C Kit Ver.
// 4.30
// Copyright Microsoft,
// 1996, 1997, 1998, 1999, 2000
// Purpose: Header file for TPC-C database loader

// Build number of TPC Benchmark Kit
#define TPCKIT_VER "4.30"

// General headers
#include <windows.h>
#include <winbase.h>
#include <stdlib.h>
#include <stdio.h>
#include <process.h>
#include <stddef.h>
#include <stdarg.h>
#include <string.h>
#include <time.h>
#include <sys\timeb.h>
#include <sys\types.h>

// ODBC headers
#include <sql.h>
#include <sqlext.h>
#include <odbcss.h>

// General constants
#define MILLI 1000
#define FALSE 0
#define TRUE 1
#define UNDEF -1
#define MINPRINTASCII 32
#define MAXPRINTASCII 126

// Default environment constants
#define SERVER ""
#define DATABASE "tpcc"
#define USER "sa"
#define PASSWORD ""

// Default loader arguments
#define BATCH 10000
#define DEFLDPACKSIZE 32768
#define LOADER_RES_FILE "logs\\load.out"
#define LOADER_NURAND_C 123
#define DEF_STARTING_WAREHOUSE 1
#define BUILD_INDEX
1 // build both data and indexes
#define INDEX_ORDER
1 // build indexes before load
#define SCALE_DOWN
0 // build a normal scale database
#define INDEX_SCRIPT_PATH "scripts"

typedef struct
{
char *server;
char *database;
char *user;
char *password;
BOOL tables_all;
// set if loading all tables
```

```
BOOL table_item;
// set if loading ITEM table specifically
BOOL table_warehouse; // set if loading WAREHOUSE, DISTRICT, and STOCK
BOOL table_customer; // set if loading CUSTOMER and HISTORY
BOOL table_orders;
// set if loading NEW-ORDER, ORDERS, ORDER-LINE
long num_warehouses;
long batch;
long verbose;
long pack_size;
char *loader_res_file;
char *synch_servername;
long case_sensitivity;
long starting_warehouse;
long build_index;
long index_order;
long scale_down;
char *index_script_path;
} TPCCLDR_ARGS;

// String length constants
#define SERVER_NAME_LEN 20
#define DATABASE_NAME_LEN 20
#define USER_NAME_LEN 20
#define PASSWORD_LEN 20
#define TABLE_NAME_LEN 20
#define I_DATA_LEN 50
#define I_NAME_LEN 24
#define BRAND_LEN 1
#define LAST_NAME_LEN 16
#define W_NAME_LEN 10
#define ADDRESS_LEN 20
#define STATE_LEN 2
#define ZIP_LEN 9
#define S_DIST_LEN 24
#define S_DATA_LEN 50
#define D_NAME_LEN 10
#define FIRST_NAME_LEN 16
#define MIDDLE_NAME_LEN 2
#define PHONE_LEN 16
#define CREDIT_LEN 2
#define C_DATA_LEN 500
#define H_DATA_LEN 24
#define DIST_INFO_LEN 24
#define MAX_OL_NEW_ORDER_ITEMS 15
#define MAX_OL_ORDER_STATUS_ITEMS 15
#define STATUS_LEN 25
#define OL_DIST_INFO_LEN 24
#define C_SINCE_LEN
23
#define H_DATE_LEN
23
#define OL_DELIVERY_D_LEN 23
#define O_ENTRY_D_LEN 23

// Functions in random.c
void seed();
long irand();
```

```

double   drand();
void     WUCreate();
short    WURand();
long     RandomNumber(long lower, long upper);

```

```

// Functions in getargs.c;
void     GetArgsLoader();
void     GetArgsLoaderUsage();

```

```

// Functions in time.c
long     TimeNow();

```

```

// Functions in strings.c
void     MakeAddress();
void     LastName();
int      MakeAlphaString();
int      MakeOriginalAlphaString();
int      MakeNumberString();
int      MakeZipNumberString();
void     InitString();
void     InitAddress();
void     PaddString();

```

tpccldr.c

```

//      File:                TPCCCLR.C
//                                Microsoft TPC-C Kit Ver.
4.30
//                                Copyright Microsoft,
1996, 1997, 1998, 1999, 2000
//      Purpose:   Source file for TPC-C database loader

```

```

// Includes
#include "tpcc.h"
#include "search.h"

```

```

// Defines
#define MAXITEMS          100000
#define MAXITEMS_SCALE_DOWN          100
#define CUSTOMERS_PER_DISTRICT 3000
#define CUSTOMERS_SCALE_DOWN 30
#define DISTRICT_PER_WAREHOUSE 10
#define ORDERS_PER_DISTRICT 3000
#define ORDERS_SCALE_DOWN 30
#define MAX_CUSTOMER_THREADS 2
#define MAX_ORDER_THREADS 3
#define MAX_MAIN_THREADS 4

```

```

// Functions declarations

```

```

void HandleErrorDBC (SQLHDBC hdbc1);

```

```

void CheckSQL();
void CheckDataBase();

```

```

long NURand();
void LoadItem();
void LoadWarehouse();

```

```

void Stock();
void District();

```

```

void LoadCustomer();
void CustomerBufInit();
void CustomerBufLoad();
void LoadCustomerTable();

```

```

void LoadHistoryTable();

```

```

void LoadOrders();
void OrdersBufInit();
void OrdersBufLoad();
void LoadOrdersTable();
void LoadNewOrderTable();
void LoadOrderLineTable();
void GetPermutation();
void CheckForCommit();
void OpenConnections();
void BuildIndex();
void FormatDate ();

```

```

// Shared memory structures

```

```

typedef struct
{
    long         ol;
    long         ol_i_id;
    long         ol_supply_w_id;
    short        ol_quantity;
    double       ol_amount;
    char         ol_dist_info[DIST_INFO_LEN+1];
                char
ol_delivery_d[OL_DELIVERY_D_LEN+1];
} ORDER_LINE_STRUCT;

```

```

typedef struct
{
    long         o_id;
    short        o_d_id;
    long         o_w_id;
    long         o_c_id;
    short        o_carrier_id;
    short        o_ol_cnt;
    short        o_all_local;
                ORDER_LINE_STRUCT o_ol[15];
} ORDERS_STRUCT;

```

```

typedef struct
{
    long         c_id;
    short        c_d_id;
    long         c_w_id;
                char
c_first[FIRST_NAME_LEN+1];
    char
c_middle[MIDDLE_NAME_LEN+1];
    char
c_last[LAST_NAME_LEN+1];
    char
c_street_1[ADDRESS_LEN+1];
    char
c_street_2[ADDRESS_LEN+1];
    char
c_city[ADDRESS_LEN+1];
    char         c_state[STATE_LEN+1];
    char         c_zip[ZIP_LEN+1];
    char
c_phone[PHONE_LEN+1];
    char
c_credit[CREDIT_LEN+1];
    double       c_credit_lim;
    double       c_discount;
// fix to avoid ODBC float to numeric conversion problem.
// double
                c_balance;
    char         c_balance[6];

```



```

double          c_ytd_payment;
short
c_payment_cnt;
short
char
c_data[C_DATA_LEN+1];
double
char
h_data[H_DATA_LEN+1];
} CUSTOMER_STRUCT;

typedef struct
{
char
c_last[LAST_NAME_LEN+1];
char
c_first[FIRST_NAME_LEN+1];
long
} CUSTOMER_SORT_STRUCT;

typedef struct
{
long          time_start;
} LOADER_TIME_STRUCT;

// Global variables

char          szLastError[300];

HENV          henv;

HDBC          v_hdbc;
// for SQL Server version verification
HDBC          i_hdbc1;
for ITEM table
HDBC          w_hdbc1;
for WAREHOUSE, DISTRICT, STOCK
HDBC          c_hdbc1;
for CUSTOMER
HDBC          c_hdbc2;
for HISTORY
HDBC          o_hdbc1;
for ORDERS
HDBC          o_hdbc2;
for NEW-ORDER
HDBC          o_hdbc3;
for ORDER-LINE

HSTMT         v_hstmt;
for SQL Server version verification
HSTMT         i_hstmt1;
HSTMT         w_hstmt1;
HSTMT         c_hstmt1, c_hstmt2;
HSTMT         o_hstmt1, o_hstmt2, o_hstmt3;

ORDERS_STRUCT orders_buf[ORDERS_PER_DISTRICT];
CUSTOMER_STRUCT
customer_buf[CUSTOMERS_PER_DISTRICT];
long          orders_rows_loaded;
long          new_order_rows_loaded;
long          order_line_rows_loaded;
long          history_rows_loaded;
long          customer_rows_loaded;
long          stock_rows_loaded;
long          district_rows_loaded;
long          item_rows_loaded;

long          warehouse_rows_loaded;
long          main_time_start;
long          main_time_end;
long          max_items;
long          customers_per_district;
long          orders_per_district;
long          first_new_order;
long          last_new_order;

TPCCCLDR_ARGS *aptr, args;

// support for log directory determined by environment
#define LOGBASE_MAXLEN 128
int          UseAltLogDir = 0;
char          LogBase[LOGBASE_MAXLEN];
char          LogFile[2*LOGBASE_MAXLEN];
#define LOGFILE_CREATE(name)
strcpy(LogFile, LogBase);
strcat(LogFile, name);

//=====
//
// Function name: main
//
//=====

int main(int argc, char **argv)
{
DWORD          dwThreadID[MAX_MAIN_THREADS];
HANDLE          hThread[MAX_MAIN_THREADS];
FILE           *fLoader;
char          buffer[255];
int           i;

for (i=0; i<MAX_MAIN_THREADS; i++)
hThread[i] = NULL;

printf("\n*****
*");
printf("\n*
*");
printf("\n* Microsoft SQL Server
*");
printf("\n*
*");
printf("\n* TPC-C BENCHMARK KIT: Database loader
*");
printf("\n* Version %s
*",
TPCKIT_VER);
printf("\n*
*");

printf("\n*****
*\n\n");

// process command line arguments

aptr = &args;
GetArgsLoader(argc, argv, aptr);

// process environment variables
if ( GetEnvironmentVariable("LOGBASE", LogBase,
LOGBASE_MAXLEN))
{

```

```

        UseAltLogDir = 1;
        strcat(LogBase, "\\logs");
        printf("Will use %s for log files\n", LogBase);
    }
    else
        strcpy(LogBase, "logs");

    // verify database and tables exist before attempting to load
    CheckDataBase();

    printf("Build interface is ODBC.\n");

    if (aptr->build_index == 0)
        printf("Data load only - no index creation.\n");
    else
        printf("Data load and index creation.\n");

    if (aptr->index_order == 0)
        printf("Clustered indexes will be created after
bulk load.\n");
    else
        printf("Clustered indexes will be created before
bulk load.\n");

    // set database scale values
    if (aptr->scale_down == 1)
    {
        printf("*** Scaled Down Database ***\n");
        max_items = MAXITEMS_SCALE_DOWN;
        customers_per_district =
CUSTOMERS_SCALE_DOWN;
        orders_per_district =
ORDERS_SCALE_DOWN;
        first_new_order = 0;
        last_new_order = 30;
    }
    else
    {
        max_items = MAXITEMS;
        customers_per_district =
CUSTOMERS_PER_DISTRICT;
        orders_per_district =
ORDERS_PER_DISTRICT;
        first_new_order = 2100;
        last_new_order = 3000;
    }

    // open connections to SQL Server
    OpenConnections();

    // open file for loader results
    fLoader = fopen(aptr->loader_res_file, "w");

    if (fLoader == NULL)
    {
        printf("Error, loader result file open failed.");
        exit(-1);
    }

    // start loading data

    sprintf(buffer, "TPC-C load started for %ld
warehouses.\n", aptr->num_warehouses);

    printf("%s", buffer);

```

```

        fprintf(fLoader, "%s", buffer);

        main_time_start = (TimeNow() / MILLI);

        // start parallel load threads

        if (aptr->tables_all || aptr->table_item)
        {
            fprintf(fLoader, "\nStarting loader threads for:
item\n");

            hThread[0] = CreateThread(NULL,
0,
(LPTHREAD_START_ROUTINE)LoadItem,
NULL,
0,
&dwThreadID[0]);

            if (hThread[0] == NULL)
            {
                printf("Error, failed in creating
creating thread = 0.\n");
                exit(-1);
            }

            if (aptr->tables_all || aptr->table_warehouse)
            {
                fprintf(fLoader, "Starting loader threads for:
warehouse\n");

                hThread[1] = CreateThread(NULL,
0,
(LPTHREAD_START_ROUTINE)LoadWarehouse,
NULL,
0,
&dwThreadID[1]);

                if (hThread[1] == NULL)
                {
                    printf("Error, failed in creating
creating thread = 1.\n");
                    exit(-1);
                }
            }

            if (aptr->tables_all || aptr->table_customer)
            {
                fprintf(fLoader, "Starting loader threads for:
customer\n");

                hThread[2] = CreateThread(NULL,
0,
(LPTHREAD_START_ROUTINE)LoadCustomer,

```

```

NULL,
0,
&dwThreadID[2]);
    if (hThread[2] == NULL)
    {
        printf("Error, failed in creating
creating main thread = 2.\n");
        exit(-1);
    }
}
if (aptr->tables_all || aptr->table_orders)
{
    fprintf(fLoader, "Starting loader threads for:
orders\n");
    hThread[3] = CreateThread(NULL,
0,
(LPTHREAD_START_ROUTINE)LoadOrders,
NULL,
0,
&dwThreadID[3]);
    if (hThread[3] == NULL)
    {
        printf("Error, failed in creating
creating main thread = 3.\n");
        exit(-1);
    }
}
// Wait for threads to finish...
for (i=0; i<MAX_MAIN_THREADS; i++)
{
    if (hThread[i] != NULL)
    {
        WaitForSingleObject( hThread[i],
INFINITE);
        CloseHandle(hThread[i]);
        hThread[i] = NULL;
    }
}
main_time_end = (TimeNow() / MILLI);
printf(buffer, "\nTPC-C load completed successfully in %ld
minutes.\n",
(main_time_end -
main_time_start)/60);
printf("%s", buffer);
fprintf(fLoader, "%s", buffer);
fclose(fLoader);
SQLFreeEnv(henv);
exit(0);

```

```

return 0;
}
//=====
//=====
//
// Function name: LoadItem
//
//=====
//=====
void LoadItem()
{
    long          i_id;
    long          i_im_id;
    char          i_name[I_NAME_LEN+1];
    double        i_price;
    char          i_data[I_DATA_LEN+1];
    char          name[20];
    long          time_start;
    RETCODE       rc;
    DBINT         rcint;
    char          bcp hint[128];
    // Seed with unique number
    seed(1);
    printf("Loading item table...\n");
    // if build index before load
    if ((aptr->build_index == 1) && (aptr->index_order == 1))
        BuildIndex("idxitmc1");
    InitString(i_name, I_NAME_LEN+1);
    InitString(i_data, I_DATA_LEN+1);
    sprintf(name, "%s.%s", aptr->database, "t_item");
    LOGFILE_CREATE("\item.err")
    rc = bcp_init(i_hdbc1, name, NULL, LogFile, DB_IN);
    if (rc != SUCCEED)
        HandleErrorDBC(i_hdbc1);
    if ((aptr->build_index == 1) && (aptr->index_order == 1))
    {
        sprintf(bcp hint, "tablock, order (i_id,
ROWS_PER_BATCH = 100000, CHECK_CONSTRAINTS");
        rc = bcp_control(i_hdbc1, BCPHINTS, (void*)
bcp hint);
        if (rc != SUCCEED)
            HandleErrorDBC(i_hdbc1);
    }
    rc = bcp_bind(i_hdbc1, (BYTE *) &i_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 1);
    if (rc != SUCCEED)
        HandleErrorDBC(i_hdbc1);
    rc = bcp_bind(i_hdbc1, (BYTE *) &i_im_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 2);
    if (rc != SUCCEED)
        HandleErrorDBC(i_hdbc1);
    rc = bcp_bind(i_hdbc1, (BYTE *) i_name, 0,
I_NAME_LEN, NULL, 0, 0, 3);
    if (rc != SUCCEED)

```

```

        HandleErrorDBC(i_hdbc1);

        rc = bcp_bind(i_hdbc1, (BYTE *) &i_price, 0,
SQL_VARLEN_DATA, NULL, 0, SQLFLT8, 4);
        if (rc != SUCCEED)
            HandleErrorDBC(i_hdbc1);

        rc = bcp_bind(i_hdbc1, (BYTE *) i_data, 0, I_DATA_LEN,
NULL, 0, 0, 5);
        if (rc != SUCCEED)
            HandleErrorDBC(i_hdbc1);

        time_start = (TimeNow() / MILLI);

        item_rows_loaded = 0;

        for (i_id = 1; i_id <= max_items; i_id++)
        {
            i_im_id = RandomNumber(1L, 10000L);

            MakeAlphaString(14, 24, I_NAME_LEN,
i_name);

            i_price = ((float) RandomNumber(100L,
10000L))/100.0;

            MakeOriginalAlphaString(26, 50,
I_DATA_LEN, i_data, 10);

            rc = bcp_sendrow(i_hdbc1);
            if (rc != SUCCEED)
                HandleErrorDBC(i_hdbc1);

            item_rows_loaded++;
            CheckForCommit(i_hdbc1, i_hstmt1,
item_rows_loaded, "item", &time_start);
        }

        rcint = bcp_done(i_hdbc1);
        if (rcint < 0)
            HandleErrorDBC(i_hdbc1);

        printf("Finished loading item table.\n");

        SQLFreeStmt(i_hstmt1, SQL_DROP);
        SQLDisconnect(i_hdbc1);
        SQLFreeConnect(i_hdbc1);

        // if build index after load
        if ((aptr->build_index == 1) && (aptr->index_order == 0))
            BuildIndex("idxitmcl");
    }

//=====
//
// Function : LoadWarehouse
//
// Loads WAREHOUSE table and loads Stock and District as
Warehouses are created
//
//=====

void LoadWarehouse()
{

```

```

        long    w_id;
        char    w_name[W_NAME_LEN+1];
        char    w_street_1[ADDRESS_LEN+1];
        char    w_street_2[ADDRESS_LEN+1];
        char    w_city[ADDRESS_LEN+1];
        char    w_state[STATE_LEN+1];
        char    w_zip[ZIP_LEN+1];
        double  w_tax;
        double  w_ytd;
        char    name[20];
        long    time_start;
        RETCODE rc;
        DBINT   rcint;
        char    bcphint[128];

        // Seed with unique number
        seed(aptr->starting_warehouse + 1);

        printf("Loading warehouse table...\n");

        // if build index before load...
        if ((aptr->build_index == 1) && (aptr->index_order == 1))
            BuildIndex("idxwarc1");

        InitString(w_name, W_NAME_LEN+1);
        InitAddress(w_street_1, w_street_2, w_city, w_state,
w_zip);

        sprintf(name, "%s..%s", aptr->database, "t_warehouse");

        LOGFILE_CREATE("\\warehouse.err")
        rc = bcp_init(w_hdbc1, name, NULL, LogFile, DB_IN);

        if (rc != SUCCEED)
            HandleErrorDBC(w_hdbc1);

        if ((aptr->build_index == 1) && (aptr->index_order == 1))
        {
            sprintf(bcphint, "tablock, order (w_id),
ROWS_PER_BATCH = %d, CHECK_CONSTRAINTS",
aptr->num_warehouses);
            rc = bcp_control(w_hdbc1, BCPHINTS, (void*)
bcphint);

            if (rc != SUCCEED)
                HandleErrorDBC(w_hdbc1);
        }

        rc = bcp_bind(w_hdbc1, (BYTE *) &w_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 1);
        if (rc != SUCCEED)
            HandleErrorDBC(w_hdbc1);

        rc = bcp_bind(w_hdbc1, (BYTE *) w_name, 0,
W_NAME_LEN, NULL, 0, 0, 2);
        if (rc != SUCCEED)
            HandleErrorDBC(w_hdbc1);

        rc = bcp_bind(w_hdbc1, (BYTE *) w_street_1, 0,
ADDRESS_LEN, NULL, 0, 0, 3);
        if (rc != SUCCEED)
            HandleErrorDBC(w_hdbc1);

        rc = bcp_bind(w_hdbc1, (BYTE *) w_street_2, 0,
ADDRESS_LEN, NULL, 0, 0, 4);
        if (rc != SUCCEED)
            HandleErrorDBC(w_hdbc1);

```

```

        rc = bcp_bind(w_hdbc1, (BYTE *) w_city, 0,
ADDRESS_LEN, NULL, 0, 0, 5);
        if (rc != SUCCEEDED)
            HandleErrorDBC(w_hdbc1);

        rc = bcp_bind(w_hdbc1, (BYTE *) w_state, 0,
STATE_LEN, NULL, 0, 0, 6);
        if (rc != SUCCEEDED)
            HandleErrorDBC(w_hdbc1);

        rc = bcp_bind(w_hdbc1, (BYTE *) w_zip, 0, ZIP_LEN,
NULL, 0, 0, 7);
        if (rc != SUCCEEDED)
            HandleErrorDBC(w_hdbc1);

        rc = bcp_bind(w_hdbc1, (BYTE *) &w_tax, 0,
SQL_VARLEN_DATA, NULL, 0, SQLFLT8, 8);
        if (rc != SUCCEEDED)
            HandleErrorDBC(w_hdbc1);

        rc = bcp_bind(w_hdbc1, (BYTE *) &w_ytd, 0,
SQL_VARLEN_DATA, NULL, 0, SQLFLT8, 9);
        if (rc != SUCCEEDED)
            HandleErrorDBC(w_hdbc1);

        time_start = (TimeNow() / MILLI);

        warehouse_rows_loaded = 0;

        for (w_id = (long)aptr->starting_warehouse; w_id <=
aptr->num_warehouses; w_id++)
        {
            MakeAlphaString(6,10, W_NAME_LEN,
w_name);

            MakeAddress(w_street_1, w_street_2, w_city,
w_state, w_zip);

            w_tax = ((float)
RandomNumber(0L,2000L))/10000.00;

            w_ytd = 300000.00;

            rc = bcp_sendrow(w_hdbc1);
            if (rc != SUCCEEDED)
                HandleErrorDBC(w_hdbc1);

            warehouse_rows_loaded++;
            CheckForCommit(w_hdbc1, i_hstmt1,
warehouse_rows_loaded, "warehouse", &time_start);
        }

        rcint = bcp_done(w_hdbc1);
        if (rcint < 0)
            HandleErrorDBC(w_hdbc1);

        printf("Finished loading warehouse table.\n");

        // if build index after load...
        if ((aptr->build_index == 1) && (aptr->index_order == 0))
            BuildIndex("idxwarcl");

        stock_rows_loaded = 0;
        district_rows_loaded = 0;

        District();
        Stock();

```

```

    }

//=====
//
// Function : District
//
//=====

void District()
{
    short   d_id;
    long    d_w_id;
    char    d_name[D_NAME_LEN+1];
    char    d_street_1[ADDRESS_LEN+1];
    char    d_street_2[ADDRESS_LEN+1];
    char    d_city[ADDRESS_LEN+1];
    char    d_state[STATE_LEN+1];
    char    d_zip[ZIP_LEN+1];
    double  d_tax;
    double  d_ytd;
    char    name[20];
    long    d_next_o_id;
    long    time_start;
    int     w_id;
    RETCODE rc;
    DBINT   rcint;
    char    bcphint[128];

    // Seed with unique number
    seed(aptr->starting_warehouse + 2);

    printf("Loading district table...\n");

    // build index before load
    if ((aptr->build_index == 1) && (aptr->index_order == 1))
        BuildIndex("idxdisc1");

    InitString(d_name, D_NAME_LEN+1);
    InitAddress(d_street_1, d_street_2, d_city, d_state, d_zip);

    sprintf(name, "%s..%s", aptr->database, "t_district");

    LOGFILE_CREATE("\\district.err")
    rc = bcp_init(w_hdbc1, name, NULL, LogFile, DB_IN);

    if (rc != SUCCEEDED)
        HandleErrorDBC(w_hdbc1);

    if ((aptr->build_index == 1) && (aptr->index_order == 1))
    {
        sprintf(bcphint, "tablock, order (d_w_id, d_id),
ROWS_PER_BATCH = %u, CHECK_CONSTRAINTS",
(aptr->num_warehouses * 10));
        rc = bcp_control(w_hdbc1, BCPHINTS, (void*)
bcphint);

        if (rc != SUCCEEDED)
            HandleErrorDBC(w_hdbc1);
    }

    rc = bcp_bind(w_hdbc1, (BYTE *) &d_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT2, 1);
    if (rc != SUCCEEDED)
        HandleErrorDBC(w_hdbc1);

```

```

        rc = bcp_bind(w_hdbc1, (BYTE *) &d_w_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 2);
        if (rc != SUCCEEDED)
            HandleErrorDBC(w_hdbc1);

        rc = bcp_bind(w_hdbc1, (BYTE *) d_name, 0,
D_NAME_LEN, NULL, 0, 0, 3);
        if (rc != SUCCEEDED)
            HandleErrorDBC(w_hdbc1);

        rc = bcp_bind(w_hdbc1, (BYTE *) d_street_1, 0,
ADDRESS_LEN, NULL, 0, 0, 4);
        if (rc != SUCCEEDED)
            HandleErrorDBC(w_hdbc1);

        rc = bcp_bind(w_hdbc1, (BYTE *) d_street_2, 0,
ADDRESS_LEN, NULL, 0, 0, 5);
        if (rc != SUCCEEDED)
            HandleErrorDBC(w_hdbc1);

        rc = bcp_bind(w_hdbc1, (BYTE *) d_city, 0,
ADDRESS_LEN, NULL, 0, 0, 6);
        if (rc != SUCCEEDED)
            HandleErrorDBC(w_hdbc1);

        rc = bcp_bind(w_hdbc1, (BYTE *) d_state, 0,
STATE_LEN, NULL, 0, 0, 7);
        if (rc != SUCCEEDED)
            HandleErrorDBC(w_hdbc1);

        rc = bcp_bind(w_hdbc1, (BYTE *) d_zip, 0, ZIP_LEN,
NULL, 0, 0, 8);
        if (rc != SUCCEEDED)
            HandleErrorDBC(w_hdbc1);

        rc = bcp_bind(w_hdbc1, (BYTE *) &d_tax, 0,
SQL_VARLEN_DATA, NULL, 0, SQLFLT8, 9);
        if (rc != SUCCEEDED)
            HandleErrorDBC(w_hdbc1);

        rc = bcp_bind(w_hdbc1, (BYTE *) &d_ytd, 0,
SQL_VARLEN_DATA, NULL, 0, SQLFLT8, 10);
        if (rc != SUCCEEDED)
            HandleErrorDBC(w_hdbc1);

        rc = bcp_bind(w_hdbc1, (BYTE *) &d_next_o_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 11);
        if (rc != SUCCEEDED)
            HandleErrorDBC(w_hdbc1);

        d_ytd = 30000.0;

        d_next_o_id = orders_per_district+1;

        time_start = (TimeNow() / MILLI);

        for (w_id = apr->starting_warehouse; w_id <=
apr->num_warehouses; w_id++)
        {
            d_w_id = w_id;

            for (d_id = 1; d_id <=
DISTRICT_PER_WAREHOUSE; d_id++)
            {

                MakeAlphaString(6,10,D_NAME_LEN, d_name);

```

```

                MakeAddress(d_street_1, d_street_2,
d_city, d_state, d_zip);

                d_tax = ((float)
RandomNumber(0L,2000L))/10000.00;

                rc = bcp_sendrow(w_hdbc1);
                if (rc != SUCCEEDED)
                    HandleErrorDBC(w_hdbc1);

                district_rows_loaded++;
                CheckForCommit(w_hdbc1,
w_hstmt1, district_rows_loaded, "district", &time_start);
            }
        }

        rcint = bcp_done(w_hdbc1);
        if (rcint < 0)
            HandleErrorDBC(w_hdbc1);

        printf("Finished loading district table.\n");

        // if build index after load...
        if ((apr->build_index == 1) && (apr->index_order == 0))
            BuildIndex("idxdisc1");

        return;
    }

//=====
//
// Function : Stock
//
//=====

void Stock()
{
    long   s_i_id;
    long   s_w_id;
    short  s_quantity;
    char   s_dist_01[S_DIST_LEN+1];
    char   s_dist_02[S_DIST_LEN+1];
    char   s_dist_03[S_DIST_LEN+1];
    char   s_dist_04[S_DIST_LEN+1];
    char   s_dist_05[S_DIST_LEN+1];
    char   s_dist_06[S_DIST_LEN+1];
    char   s_dist_07[S_DIST_LEN+1];
    char   s_dist_08[S_DIST_LEN+1];
    char   s_dist_09[S_DIST_LEN+1];
    char   s_dist_10[S_DIST_LEN+1];
    long   s_ytd;
    short  s_order_cnt;
    short  s_remote_cnt;
    char   s_data[S_DATA_LEN+1];
    short  len;
    char   name[20];
    long   time_start;
    RETCODE rc;
    DBINT  rcint;
    char   bcphint[128];

    // Seed with unique number
    seed(apr->starting_warehouse + 3);

```

```

// if build index before load...
if ((aptr->build_index == 1) && (aptr->index_order == 1))
    BuildIndex("idxstkcl");

sprintf(name, "%s.%s", aptr->database, "t_stock");

LOGFILE_CREATE("\\stock.err")
rc = bcp_init(w_hdbc1, name, NULL, LogFile, DB_IN);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

if ((aptr->build_index == 1) && (aptr->index_order == 1))
{
    sprintf(bcp_hint, "tablock, order (s_i_id, s_w_id),
ROWS_PER_BATCH = %u, CHECK_CONSTRAINTS",
(aptr->num_warehouses * 100000));
    rc = bcp_control(w_hdbc1, BCPHINTS, (void*)
bcp_hint);
    if (rc != SUCCEEDED)
        HandleErrorDBC(w_hdbc1);
}

rc = bcp_bind(w_hdbc1, (BYTE *) &s_i_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 1);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

    bcp_bind(w_hdbc1, (BYTE *) &s_w_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 2);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

    rc = bcp_bind(w_hdbc1, (BYTE *) &s_quantity, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT2, 3);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

    rc = bcp_bind(w_hdbc1, (BYTE *) s_dist_01, 0,
S_DIST_LEN, NULL, 0, 0, 4);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

    rc = bcp_bind(w_hdbc1, (BYTE *) s_dist_02, 0,
S_DIST_LEN, NULL, 0, 0, 5);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

    rc = bcp_bind(w_hdbc1, (BYTE *) s_dist_03, 0,
S_DIST_LEN, NULL, 0, 0, 6);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

    rc = bcp_bind(w_hdbc1, (BYTE *) s_dist_04, 0,
S_DIST_LEN, NULL, 0, 0, 7);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

    rc = bcp_bind(w_hdbc1, (BYTE *) s_dist_05, 0,
S_DIST_LEN, NULL, 0, 0, 8);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

    rc = bcp_bind(w_hdbc1, (BYTE *) s_dist_06, 0,
S_DIST_LEN, NULL, 0, 0, 9);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

    rc = bcp_bind(w_hdbc1, (BYTE *) s_dist_07, 0,
S_DIST_LEN, NULL, 0, 0, 10);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

    rc = bcp_bind(w_hdbc1, (BYTE *) s_dist_08, 0,
S_DIST_LEN, NULL, 0, 0, 11);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

    rc = bcp_bind(w_hdbc1, (BYTE *) s_dist_09, 0,
S_DIST_LEN, NULL, 0, 0, 12);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

    rc = bcp_bind(w_hdbc1, (BYTE *) s_dist_10, 0,
S_DIST_LEN, NULL, 0, 0, 13);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

    rc = bcp_bind(w_hdbc1, (BYTE *) &s_ytd, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 14);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

    rc = bcp_bind(w_hdbc1, (BYTE *) &s_order_cnt, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT2, 15);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

    rc = bcp_bind(w_hdbc1, (BYTE *) &s_remote_cnt, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT2, 16);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

    rc = bcp_bind(w_hdbc1, (BYTE *) s_data, 0,
S_DATA_LEN, NULL, 0, 0, 17);
if (rc != SUCCEEDED)
    HandleErrorDBC(w_hdbc1);

    s_ytd = s_order_cnt = s_remote_cnt = 0;

    time_start = (TimeNow()) / MILLI;

    printf("...Loading stock table\n");

    for (s_i_id=1; s_i_id <= max_items; s_i_id++)
    {
        for (s_w_id = (long)aptr->starting_warehouse;
s_w_id <= aptr->num_warehouses; s_w_id++)
        {
            s_quantity =
(short)RandomNumber(10L,100L);
            len =
MakeAlphaString(24,24,S_DIST_LEN, s_dist_01);
            len =
MakeAlphaString(24,24,S_DIST_LEN, s_dist_02);
            len =
MakeAlphaString(24,24,S_DIST_LEN, s_dist_03);
            len =
MakeAlphaString(24,24,S_DIST_LEN, s_dist_04);
            len =
MakeAlphaString(24,24,S_DIST_LEN, s_dist_05);
            len =
MakeAlphaString(24,24,S_DIST_LEN, s_dist_06);

```

```

        len =
MakeAlphaString(24,24,S_DIST_LEN, s_dist_07);
        len =
MakeAlphaString(24,24,S_DIST_LEN, s_dist_08);
        len =
MakeAlphaString(24,24,S_DIST_LEN, s_dist_09);
        len =
MakeAlphaString(24,24,S_DIST_LEN, s_dist_10);

        len =
MakeOriginalAlphaString(26,50, S_DATA_LEN, s_data,10);

        rc = bcp_sendrow(w_hdbc1);
        if (rc != SUCCEED)

HandleErrorDBC(w_hdbc1);

        stock_rows_loaded++;
        CheckForCommit(w_hdbc1,
w_hstmt1, stock_rows_loaded, "stock", &time_start);

    }

    rcint = bcp_done(w_hdbc1);
    if (rcint < 0)
        HandleErrorDBC(w_hdbc1);

    printf("Finished loading stock table.\n");

    SQLFreeStmt(w_hstmt1, SQL_DROP);
    SQLDisconnect(w_hdbc1);
    SQLFreeConnect(w_hdbc1);

    // if build index after load...
    if ((aptr->build_index == 1) && (aptr->index_order == 0))
        BuildIndex("idxstkcl");

    return;
}

//=====
//
// Function : LoadCustomer
//
//=====

void LoadCustomer()
{
    LOADER_TIME_STRUCT customer_time_start;
    LOADER_TIME_STRUCT history_time_start;
    long w_id;

    short d_id;

    DWORD
dwThreadID[MAX_CUSTOMER_THREADS];
    HANDLE
hThread[MAX_CUSTOMER_THREADS];
    char name[20];
    RETCODE
rc;
    DBINT
rcint;
    char
bcphint[128];

```

```

        char
cmd[256];
        // SQLRETURN
rc_1;
        // SQLSMALLINT
recnum, MsgLen;
        // SQLCHAR
SqlState[6], Msg[SQL_MAX_MESSAGE_LENGTH];
        // SQLINTEGER
NativeError;

        // Seed with unique number
seed(aptr->starting_warehouse + 4);

        printf("Loading customer and history tables...\n");

        // if build index before load...
        if ((aptr->build_index == 1) && (aptr->index_order == 1))
            BuildIndex("idxcuscl");

        // Initialize bulk copy
        sprintf(name, "%s..%s", aptr->database, "t_customer");

        LOGFILE_CREATE("\\customer.err")
        rc = bcp_init(c_hdbc1, name, NULL, LogFile, DB_IN);
        if (rc != SUCCEED)
            HandleErrorDBC(c_hdbc1);

        if ((aptr->build_index == 1) && (aptr->index_order == 1))
        {
            sprintf(bcphint, "tablock, order (c_w_id, c_d_id,
c_id), ROWS_PER_BATCH = %u, CHECK_CONSTRAINTS",
(aptr->num_warehouses * 30000));
            rc = bcp_control(c_hdbc1, BCPHINTS, (void*)
bcphint);
            if (rc != SUCCEED)
                HandleErrorDBC(c_hdbc1);
        }

        sprintf(name, "%s..%s", aptr->database, "t_history");

        LOGFILE_CREATE("\\history.err")
        rc = bcp_init(c_hdbc2, name, NULL, LogFile, DB_IN);
        if (rc != SUCCEED)
            HandleErrorDBC(c_hdbc2);

        sprintf(bcphint, "tablock, order (h_w_id, h_d_id, h_c_id,
h_date), ROWS_PER_BATCH = %u, CHECK_CONSTRAINTS",
(aptr->num_warehouses * 30000));
        rc = bcp_control(c_hdbc2, BCPHINTS, (void*) bcphint);
        if (rc != SUCCEED)
            HandleErrorDBC(c_hdbc2);

        customer_rows_loaded = 0;
        history_rows_loaded = 0;

        CustomerBufInit();

        customer_time_start.time_start = (TimeNow() / MILLI);
        history_time_start.time_start = (TimeNow() / MILLI);

        for (w_id = (long)aptr->starting_warehouse; w_id <=
aptr->num_warehouses; w_id++)
        {
            for (d_id = 1; d_id <=
DISTRICT_PER_WAREHOUSE; d_id++)
            {

```



```

CustomerBufLoad(d_id, w_id);

// Start parallel loading threads here...
// Start customer table thread

printf("...Loading customer table for:
d_id = %d, w_id = %d\n", d_id, w_id);

hThread[0] = CreateThread(NULL,
0,
(LPTHREAD_START_ROUTINE)
LoadCustomerTable,
&customer_time_start,
0,
&dwThreadID[0]);

if (hThread[0] == NULL)
{
printf("Error, failed in
creating creating thread = 0.\n");
exit(-1);
}

// Start History table thread

printf("...Loading history table for:
d_id = %d, w_id = %d\n", d_id, w_id);

hThread[1] = CreateThread(NULL,
0,
(LPTHREAD_START_ROUTINE)
LoadHistoryTable,
&history_time_start,
0,
&dwThreadID[1]);

if (hThread[1] == NULL)
{
printf("Error, failed in
creating creating thread = 1.\n");
exit(-1);
}

WaitForSingleObject( hThread[0],
INFINITE );
WaitForSingleObject( hThread[1],
INFINITE );

if (CloseHandle(hThread[0]) ==
FALSE)
{
printf("Error, failed in
closing customer thread handle with errno: %d\n", GetLastError());
}

if (CloseHandle(hThread[1]) ==
FALSE)
{
printf("Error, failed in
closing history thread handle with errno: %d\n", GetLastError());
}

}

// flush the bulk connection
rcint = bcp_done(c_hdbc1);
if (rcint < 0)
HandleErrorDBC(c_hdbc1);

rcint = bcp_done(c_hdbc2);
if (rcint < 0)
HandleErrorDBC(c_hdbc2);

printf("Finished loading customer table.\n");

// if build index after load...
if ((aptr->build_index == 1) && (aptr->index_order == 0))
BuildIndex("idxcuscl");

// build non-clustered index
if (aptr->build_index == 1)
BuildIndex("idxcusnc");

// Output the NURAND used for the loader into C_FIRST
for C_ID = 1,
// C_W_ID = 1, and C_D_ID = 1
sprintf(cmd, "isql -S%s -U%s -P%s -d%s -e -Q\"update
t_customer set c_first = 'C_LOAD = %d' where c_id = 1 and c_w_id =
1 and c_d_id = 1\" > %s\n\nurand_load.log",
aptr->server,
aptr->user,
aptr->password,
aptr->database,
LOADER_NURAND_C,
LogBase);

system(cmd);

SQLFreeStmt(c_hstmt1, SQL_DROP);
SQLDisconnect(c_hdbc1);
SQLFreeConnect(c_hdbc1);

SQLFreeStmt(c_hstmt2, SQL_DROP);
SQLDisconnect(c_hdbc2);
SQLFreeConnect(c_hdbc2);

return;
}

//=====
//
// Function : CustomerBufInit
//
//=====

```

```

void CustomerBufInit()
{
    int i;

    for (i=0;i<customers_per_district;i++)
    {
        customer_buf[i].c_id = 0;
        customer_buf[i].c_d_id = 0;
        customer_buf[i].c_w_id = 0;

        strcpy(customer_buf[i].c_first,"");
        strcpy(customer_buf[i].c_middle,"");
        strcpy(customer_buf[i].c_last,"");
        strcpy(customer_buf[i].c_street_1,"");
        strcpy(customer_buf[i].c_street_2,"");
        strcpy(customer_buf[i].c_city,"");
        strcpy(customer_buf[i].c_state,"");
        strcpy(customer_buf[i].c_zip,"");
        strcpy(customer_buf[i].c_phone,"");
        strcpy(customer_buf[i].c_credit,"");

        customer_buf[i].c_credit_lim = 0;
        customer_buf[i].c_discount = (float) 0;

        // fix to avoid ODBC float to numeric
        //      customer_buf[i].c_balance = 0;
        strcpy(customer_buf[i].c_balance,"");

        customer_buf[i].c_ytd_payment = 0;
        customer_buf[i].c_payment_cnt = 0;
        customer_buf[i].c_delivery_cnt = 0;

        strcpy(customer_buf[i].c_data,"");

        customer_buf[i].h_amount = 0;

        strcpy(customer_buf[i].h_data,"");

    }

}

//=====
//
// Function : CustomerBufLoad
//
// Fills shared buffer for HISTORY and CUSTOMER
//=====

void CustomerBufLoad(int d_id, int w_id)
{
    long i;
    CUSTOMER_SORT_STRUCT
c[CUSTOMERS_PER_DISTRICT];

    for (i=0;i<customers_per_district;i++)
    {
        if (i < 1000)
            LastName(i, c[i].c_last);
        else
            LastName(NURand(255,0,999,LOADER_NURAND_C), c[i].c_last);
    }
}

```

```

        MakeAlphaString(8,16,FIRST_NAME_LEN,
c[i].c_first);

        c[i].c_id = i+1;

    }

    printf("...Loading customer buffer for: d_id = %d, w_id =
%d\n",
        d_id, w_id);

    for (i=0;i<customers_per_district;i++)
    {
        customer_buf[i].c_d_id = d_id;
        customer_buf[i].c_w_id = w_id;
        customer_buf[i].h_amount = 10.0;

        customer_buf[i].c_ytd_payment = 10.0;

        customer_buf[i].c_payment_cnt = 1;
        customer_buf[i].c_delivery_cnt = 0;

        // Generate CUSTOMER and HISTORY data
        customer_buf[i].c_id = c[i].c_id;

        strcpy(customer_buf[i].c_first, c[i].c_first);
        strcpy(customer_buf[i].c_last, c[i].c_last);

        customer_buf[i].c_middle[0] = 'O';
        customer_buf[i].c_middle[1] = 'E';

        MakeAddress(customer_buf[i].c_street_1,
customer_buf[i].c_street_2,
        customer_buf[i].c_city,
customer_buf[i].c_state,
        customer_buf[i].c_zip);

        MakeNumberString(16, 16, PHONE_LEN,
customer_buf[i].c_phone);

        if (RandomNumber(1L, 100L) > 10)
            customer_buf[i].c_credit[0] = 'G';
        else
            customer_buf[i].c_credit[0] = 'B';
        customer_buf[i].c_credit[1] = 'C';

        customer_buf[i].c_credit_lim = 50000.0;
        customer_buf[i].c_discount = ((float)
RandomNumber(0L, 5000L)) / 10000.0;

        // fix to avoid ODBC float to numeric
        //      customer_buf[i].c_balance = -10.0;
        //      strcpy(customer_buf[i].c_balance,"-10.0");

        MakeAlphaString(300, 500, C_DATA_LEN,
customer_buf[i].c_data);

        // Generate HISTORY data
        MakeAlphaString(12, 24, H_DATA_LEN,
customer_buf[i].h_data);

    }
}

```

```

}

//=====
//
// Function : LoadCustomerTable
//
//=====

void LoadCustomerTable(LOADER_TIME_STRUCT
*customer_time_start)
{
    int i;
    long c_id;
    short c_d_id;
    long c_w_id;
    char c_first[FIRST_NAME_LEN+1];
    char c_middle[MIDDLE_NAME_LEN+1];
    char c_last[LAST_NAME_LEN+1];
    char c_street_1[ADDRESS_LEN+1];
    char c_street_2[ADDRESS_LEN+1];
    char c_city[ADDRESS_LEN+1];
    char c_state[STATE_LEN+1];
    char c_zip[ZIP_LEN+1];
    char c_phone[PHONE_LEN+1];
    char c_credit[CREDIT_LEN+1];
    double c_credit_lim;
    double c_discount;

    // fix to avoid ODBC float to numeric conversion problem.

    // double c_balance;
    char c_balance[6];

    double c_ytd_payment;
    short c_payment_cnt;
    short c_delivery_cnt;
    char c_data[C_DATA_LEN+1];
    char c_since[C_SINCE_LEN+1];
    RETCODE rc;

    rc = bcp_bind(c_hdbc1, (BYTE *) &c_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 1);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

    rc = bcp_bind(c_hdbc1, (BYTE *) &c_d_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT2, 2);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

    rc = bcp_bind(c_hdbc1, (BYTE *) &c_w_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 3);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

    rc = bcp_bind(c_hdbc1, (BYTE *) c_first, 0, FIRST_NAME_LEN,
NULL, 0, 0, 4);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

    rc = bcp_bind(c_hdbc1, (BYTE *) c_middle, 0,
MIDDLE_NAME_LEN, NULL, 0, 0, 5);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

```

```

    rc = bcp_bind(c_hdbc1, (BYTE *) c_last, 0, LAST_NAME_LEN,
NULL, 0, 0, 6);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

    rc = bcp_bind(c_hdbc1, (BYTE *) c_street_1, 0, ADDRESS_LEN,
NULL, 0, 0, 7);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

    rc = bcp_bind(c_hdbc1, (BYTE *) c_street_2, 0, ADDRESS_LEN,
NULL, 0, 0, 8);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

    rc = bcp_bind(c_hdbc1, (BYTE *) c_city, 0, ADDRESS_LEN,
NULL, 0, 0, 9);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

    rc = bcp_bind(c_hdbc1, (BYTE *) c_state, 0, STATE_LEN, NULL,
0, 0, 10);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

    rc = bcp_bind(c_hdbc1, (BYTE *) c_zip, 0, ZIP_LEN, NULL, 0, 0,
11);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

    rc = bcp_bind(c_hdbc1, (BYTE *) c_phone, 0, PHONE_LEN,
NULL, 0, 0, 12);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

    rc = bcp_bind(c_hdbc1, (BYTE *) &c_since, 0,
C_SINCE_LEN, NULL, 0, SQLCHARACTER, 13);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

    rc = bcp_bind(c_hdbc1, (BYTE *) c_credit, 0, CREDIT_LEN,
NULL, 0, 0, 14);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

    rc = bcp_bind(c_hdbc1, (BYTE *) &c_credit_lim, 0,
SQL_VARLEN_DATA, NULL, 0, SQLFLT8, 15);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

    rc = bcp_bind(c_hdbc1, (BYTE *) &c_discount, 0,
SQL_VARLEN_DATA, NULL, 0, SQLFLT8, 16);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

    // fix to avoid ODBC float to numeric conversion problem.

    // rc = bcp_bind(c_hdbc1, (BYTE *) &c_balance, 0,
SQL_VARLEN_DATA, NULL, 0, SQLFLT8, 17);
    // if (rc != SUCCEEDED)
    //     HandleErrorDBC(c_hdbc1);
    rc = bcp_bind(c_hdbc1, (BYTE *) c_balance, 0, 5, NULL, 0,
SQLCHARACTER, 17);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

```

```

rc = bcp_bind(c_hdbc1, (BYTE *) &c_ytd_payment, 0,
SQL_VARLEN_DATA,NULL, 0, SQLFLT8, 18);
if (rc != SUCCEEDED)
    HandleErrorDBC(c_hdbc1);

rc = bcp_bind(c_hdbc1, (BYTE *) &c_payment_cnt, 0,
SQL_VARLEN_DATA,NULL, 0, SQLINT2, 19);
if (rc != SUCCEEDED)
    HandleErrorDBC(c_hdbc1);

rc = bcp_bind(c_hdbc1, (BYTE *) &c_delivery_cnt,0,
SQL_VARLEN_DATA,NULL, 0, SQLINT2, 20);
if (rc != SUCCEEDED)
    HandleErrorDBC(c_hdbc1);

rc = bcp_bind(c_hdbc1, (BYTE *) c_data, 0, 500, NULL, 0, 0, 21);
if (rc != SUCCEEDED)
    HandleErrorDBC(c_hdbc1);

for (i = 0; i < customers_per_district; i++)
{
    c_id = customer_buf[i].c_id;
    c_d_id = customer_buf[i].c_d_id;
    c_w_id = customer_buf[i].c_w_id;

    strcpy(c_first, customer_buf[i].c_first);
    strcpy(c_middle, customer_buf[i].c_middle);
    strcpy(c_last, customer_buf[i].c_last);
    strcpy(c_street_1, customer_buf[i].c_street_1);
    strcpy(c_street_2, customer_buf[i].c_street_2);
    strcpy(c_city, customer_buf[i].c_city);
    strcpy(c_state, customer_buf[i].c_state);
    strcpy(c_zip, customer_buf[i].c_zip);
    strcpy(c_phone, customer_buf[i].c_phone);
    strcpy(c_credit, customer_buf[i].c_credit);

    FormatDate(&c_since);

    c_credit_lim = customer_buf[i].c_credit_lim;
    c_discount = customer_buf[i].c_discount;

    // fix to avoid ODBC float to numeric
conversion problem.
    // c_balance = customer_buf[i].c_balance;
    strcpy(c_balance, customer_buf[i].c_balance);

    c_ytd_payment =
customer_buf[i].c_ytd_payment;
    c_payment_cnt =
customer_buf[i].c_payment_cnt;
    c_delivery_cnt =
customer_buf[i].c_delivery_cnt;

    strcpy(c_data, customer_buf[i].c_data);

    // Send data to server
    rc = bcp_sendrow(c_hdbc1);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc1);

    customer_rows_loaded++;
    CheckForCommit(c_hdbc1, c_hstmt1,
customer_rows_loaded, "customer",
&customer_time_start->time_start);
}
}

```

```

//=====
//
// Function : LoadHistoryTable
//
//=====
void LoadHistoryTable(LOADER_TIME_STRUCT
*history_time_start)
{
    int i;
    long c_id;
    short c_d_id;
    long c_w_id;
    double h_amount;
    char h_data[H_DATA_LEN+1];
    char h_date[H_DATE_LEN+1];
    RETCODE rc;

    rc = bcp_bind(c_hdbc2, (BYTE *) &c_id, 0,
SQL_VARLEN_DATA,NULL, 0, SQLINT4, 1);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc2);

    rc = bcp_bind(c_hdbc2, (BYTE *) &c_d_id, 0,
SQL_VARLEN_DATA,NULL, 0, SQLINT2, 2);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc2);

    rc = bcp_bind(c_hdbc2, (BYTE *) &c_w_id, 0,
SQL_VARLEN_DATA,NULL, 0, SQLINT4, 3);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc2);

    rc = bcp_bind(c_hdbc2, (BYTE *) &c_d_id, 0,
SQL_VARLEN_DATA,NULL, 0, SQLINT2, 4);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc2);

    rc = bcp_bind(c_hdbc2, (BYTE *) &c_w_id, 0,
SQL_VARLEN_DATA,NULL, 0, SQLINT4, 5);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc2);

    rc = bcp_bind(c_hdbc2, (BYTE *) &h_date, 0,
H_DATE_LEN, NULL, 0, SQLCHARACTER, 6);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc2);

    rc = bcp_bind(c_hdbc2, (BYTE *) &h_amount, 0,
SQL_VARLEN_DATA,NULL, 0, SQLFLT8, 7);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc2);

    rc = bcp_bind(c_hdbc2, (BYTE *) h_data, 0, H_DATA_LEN,
NULL, 0, 0, 8);
    if (rc != SUCCEEDED)
        HandleErrorDBC(c_hdbc2);

    for (i = 0; i < customers_per_district; i++)
    {
        c_id = customer_buf[i].c_id;
        c_d_id = customer_buf[i].c_d_id;
        c_w_id = customer_buf[i].c_w_id;
        h_amount = customer_buf[i].h_amount;

```

```

strcpy(h_data, customer_buf[i].h_data);

FormatDate(&h_date);

// send to server
rc = bcp_sendrow(c_hdbc2);
if (rc != SUCCEEDED)
    HandleErrorDBC(c_hdbc2);

    history_rows_loaded++;
    CheckForCommit(c_hdbc2, c_hstmt2,
history_rows_loaded, "history", &history_time_start->time_start);
}

}

//=====
//-----
//
// Function : LoadOrders
//
//=====

void LoadOrders()
{
    LOADER_TIME_STRUCT orders_time_start;
    LOADER_TIME_STRUCT new_order_time_start;
    LOADER_TIME_STRUCT order_line_time_start;
    long w_id;

    short d_id;
    DWORD
dwThreadID[MAX_ORDER_THREADS];
    HANDLE
hThread[MAX_ORDER_THREADS];
    char name[20];
    RETCODE
rc;
    char
bcphint[128];

    // seed with unique number
    seed(aptr->starting_warehouse + 5);

    printf("Loading orders...\n");

    // if build index before load...
    if ((aptr->build_index == 1) && (aptr->index_order == 1))
    {
        BuildIndex("idxordcl");
        BuildIndex("idxnodcl");
        BuildIndex("idxodlcl");
    }

    // initialize bulk copy
    sprintf(name, "%s.%s", aptr->database, "t_orders");

    LOGFILE_CREATE("\\orders.err")
    rc = bcp_init(o_hdbc1, name, NULL, LogFile, DB_IN);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc1);

    if ((aptr->build_index == 1) && (aptr->index_order == 1))
    {
        sprintf(bcphint, "tablock, order (o_w_id, o_d_id,
o_id), ROWS_PER_BATCH = %u, CHECK_CONSTRAINTS",
(aptr->num_warehouses * 30000));
    }
}

```

```

rc = bcp_control(o_hdbc1, BCPHINTS, (void*)
bcphint);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc1);
}

sprintf(name, "%s.%s", aptr->database, "t_new_order");

LOGFILE_CREATE("\\neword.err")
rc = bcp_init(o_hdbc2, name, NULL, LogFile, DB_IN);
if (rc != SUCCEEDED)
    HandleErrorDBC(o_hdbc2);

    if ((aptr->build_index == 1) && (aptr->index_order == 1))
    {
        sprintf(bcphint, "tablock, order (no_w_id,
no_d_id, no_o_id), ROWS_PER_BATCH = %u,
CHECK_CONSTRAINTS", (aptr->num_warehouses * 9000));
        rc = bcp_control(o_hdbc2, BCPHINTS, (void*)
bcphint);
        if (rc != SUCCEEDED)
            HandleErrorDBC(o_hdbc2);
    }

    sprintf(name, "%s.%s", aptr->database, "t_order_line");

    LOGFILE_CREATE("\\ordline.err")
    rc = bcp_init(o_hdbc3, name, NULL, LogFile, DB_IN);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc3);

    if ((aptr->build_index == 1) && (aptr->index_order == 1))
    {
        sprintf(bcphint, "tablock, order (ol_w_id,
ol_d_id, ol_o_id, ol_number), ROWS_PER_BATCH = %u,
CHECK_CONSTRAINTS", (aptr->num_warehouses * 300000));
        rc = bcp_control(o_hdbc3, BCPHINTS, (void*)
bcphint);
        if (rc != SUCCEEDED)
            HandleErrorDBC(o_hdbc3);
    }

    orders_rows_loaded = 0;
    new_order_rows_loaded = 0;
    order_line_rows_loaded = 0;

    OrdersBufInit();

    orders_time_start.time_start = (TimeNow() / MILLI);
    new_order_time_start.time_start = (TimeNow() / MILLI);
    order_line_time_start.time_start = (TimeNow() / MILLI);

    for (w_id = (long)aptr->starting_warehouse; w_id <=
aptr->num_warehouses; w_id++)
    {
        for (d_id = 1; d_id <=
DISTRICT_PER_WAREHOUSE; d_id++)
        {
            OrdersBufLoad(d_id, w_id);

            // start parallel loading threads here...

            // start Orders table thread

            printf("...Loading Order Table for:
d_id = %d, w_id = %d\n", d_id, w_id);
        }
    }
}

```

```

        hThread[0] = CreateThread(NULL,
0,
(LPTHREAD_START_ROUTINE)
LoadOrdersTable,
&orders_time_start,
0,
&dwThreadID[0]);
        if (hThread[0] == NULL)
        {
            printf("Error, failed in
creating creating thread = 0.\n");
            exit(-1);
        }
        // start NewOrder table thread
        printf("...Loading New-Order Table
for: d_id = %d, w_id = %d\n", d_id, w_id);
        hThread[1] = CreateThread(NULL,
0,
(LPTHREAD_START_ROUTINE)
LoadNewOrderTable,
&new_order_time_start,
0,
&dwThreadID[1]);
        if (hThread[1] == NULL)
        {
            printf("Error, failed in
creating creating thread = 1.\n");
            exit(-1);
        }
        // start Order-Line table thread
        printf("...Loading Order-Line Table
for: d_id = %d, w_id = %d\n", d_id, w_id);
        hThread[2] = CreateThread(NULL,
0,
(LPTHREAD_START_ROUTINE)
LoadOrderLineTable,
&order_line_time_start,
0,
&dwThreadID[2]);
        if (hThread[2] == NULL)
        {
            printf("Error, failed in
creating creating thread = 2.\n");
            exit(-1);
        }
    }
    WaitForSingleObject( hThread[0],
INFINITE );
    WaitForSingleObject( hThread[1],
INFINITE );
    WaitForSingleObject( hThread[2],
INFINITE );
    if (CloseHandle(hThread[0]) ==
FALSE)
    {
        printf("Error, failed in
closing Orders thread handle with errno: %d\n", GetLastError());
    }
    if (CloseHandle(hThread[1]) ==
FALSE)
    {
        printf("Error, failed in
closing NewOrder thread handle with errno: %d\n", GetLastError());
    }
    if (CloseHandle(hThread[2]) ==
FALSE)
    {
        printf("Error, failed in
closing OrderLine thread handle with errno: %d\n", GetLastError());
    }
}
printf("Finished loading orders.\n");
return;
}
//=====
//
// Function : OrdersBufInit
//
// Clears shared buffer for ORDERS, NEWORDER, and ORDERLINE
//
//=====
void OrdersBufInit()
{
    int i;
    int j;
    for (i=0;i<orders_per_district; i++)
    {
        orders_buf[i].o_id = 0;
        orders_buf[i].o_d_id = 0;
        orders_buf[i].o_w_id = 0;
        orders_buf[i].o_c_id = 0;
        orders_buf[i].o_carrier_id = 0;
        orders_buf[i].o_ol_cnt = 0;
        orders_buf[i].o_all_local = 0;
        for (j=0;j<=14;j++)
        {
            orders_buf[i].o_ol[j].ol = 0;
        }
    }
}

```

```

orders_buf[i].o_ol[j].ol_i_id = 0;
orders_buf[i].o_ol[j].ol_supply_w_id
= 0;
orders_buf[i].o_ol[j].ol_quantity = 0;
orders_buf[i].o_ol[j].ol_amount = 0;

strcpy(orders_buf[i].o_ol[j].ol_dist_info,"");
    }
}

//=====
//
// Function : OrdersBufLoad
//
// Fills shared buffer for ORDERS, NEWORDER, and ORDERLINE
//
//=====
=====

void OrdersBufLoad(int d_id, int w_id)
{
    int cust[ORDERS_PER_DISTRICT+1];
    long o_id;
    short ol;

    printf("...Loading Order Buffer for: d_id = %d, w_id =
%d\n",
           d_id, w_id);

    GetPermutation(cust, orders_per_district);

    for (o_id=0;o_id<orders_per_district;o_id++)
    {
        // Generate ORDER and NEW-ORDER data

        orders_buf[o_id].o_d_id = d_id;
        orders_buf[o_id].o_w_id = w_id;
        orders_buf[o_id].o_id = o_id+1;
        orders_buf[o_id].o_c_id = cust[o_id+1];
        orders_buf[o_id].o_ol_cnt =
(short)RandomNumber(5L, 15L);

        if (o_id < first_new_order)
        {
            orders_buf[o_id].o_carrier_id =
(short)RandomNumber(1L, 10L);
            orders_buf[o_id].o_all_local = 1;
        }
        else
        {
            orders_buf[o_id].o_carrier_id = 0;
            orders_buf[o_id].o_all_local = 1;
        }

        for (ol=0; ol<orders_buf[o_id].o_ol_cnt; ol++)
        {
            orders_buf[o_id].o_ol[ol].ol = ol+1;
            orders_buf[o_id].o_ol[ol].ol_i_id =
RandomNumber(1L, max_items);

```

```

orders_buf[o_id].o_ol[ol].ol_supply_w_id = w_id;
orders_buf[o_id].o_ol[ol].ol_quantity
= 5;
MakeAlphaString(24, 24,
OL_DIST_INFO_LEN, &orders_buf[o_id].o_ol[ol].ol_dist_info);

// Generate ORDER-LINE data
if (o_id < first_new_order)
{
orders_buf[o_id].o_ol[ol].ol_amount = 0;
// Added to insure
ol_delivery_d set properly during load

FormatDate(&orders_buf[o_id].o_ol[ol].ol_delivery_d);
    }
    else
    {
orders_buf[o_id].o_ol[ol].ol_amount =
RandomNumber(1,999999)/100.0;
// Added to insure
ol_delivery_d set properly during load

// odbc datetime format

strcpy(orders_buf[o_id].o_ol[ol].ol_delivery_d,"1899-12-31
00:00:00.000");
    }
}

//=====
//
// Function : LoadOrdersTable
//
//=====

void LoadOrdersTable(LOADER_TIME_STRUCT*orders_time_start)
{
    int i;
    long o_id;
    short o_d_id;
    long o_w_id;
    long o_c_id;
    short o_carrier_id;
    short o_ol_cnt;
    short o_all_local;
    char o_entry_d[O_ENTRY_D_LEN+1];
    RETCODE rc;
    DBINT rcint;

    // bind ORDER data
    rc = bcp_bind(o_hdbc1, (BYTE *) &o_id, 0,
SQL_VARLEN_DATA,NULL, 0, SQLINT4, 1);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc1);

```

```

rc = bcp_bind(o_hdbc1, (BYTE *) &o_d_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT2, 2);
if (rc != SUCCEEDED)
    HandleErrorDBC(o_hdbc1);

rc = bcp_bind(o_hdbc1, (BYTE *) &o_w_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 3);
if (rc != SUCCEEDED)
    HandleErrorDBC(o_hdbc1);

rc = bcp_bind(o_hdbc1, (BYTE *) &o_c_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 4);
if (rc != SUCCEEDED)
    HandleErrorDBC(o_hdbc1);

rc = bcp_bind(o_hdbc1, (BYTE *) &o_entry_d, 0,
O_ENTRY_D_LEN, NULL, 0, SQLCHARACTER, 5);
if (rc != SUCCEEDED)
    HandleErrorDBC(o_hdbc1);

rc = bcp_bind(o_hdbc1, (BYTE *) &o_carrier_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT2, 6);
if (rc != SUCCEEDED)
    HandleErrorDBC(o_hdbc1);

rc = bcp_bind(o_hdbc1, (BYTE *) &o_ol_cnt, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT2, 7);
if (rc != SUCCEEDED)
    HandleErrorDBC(o_hdbc1);

rc = bcp_bind(o_hdbc1, (BYTE *) &o_all_local, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT2, 8);
if (rc != SUCCEEDED)
    HandleErrorDBC(o_hdbc1);

for (i = 0; i < orders_per_district; i++)
{
    o_id    = orders_buf[i].o_id;
    o_d_id  = orders_buf[i].o_d_id;
    o_w_id  = orders_buf[i].o_w_id;
    o_c_id  = orders_buf[i].o_c_id;
    o_carrier_id = orders_buf[i].o_carrier_id;
    o_ol_cnt = orders_buf[i].o_ol_cnt;
    o_all_local = orders_buf[i].o_all_local;

    FormatDate(&o_entry_d);

    // send data to server
    rc = bcp_sendrow(o_hdbc1);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc1);

    orders_rows_loaded++;
    CheckForCommit(o_hdbc1, o_hstmt1,
orders_rows_loaded, "orders", &orders_time_start->time_start);
}

// rcint = bcp_batch(o_hdbc1);
// if (rcint < 0)
//     HandleErrorDBC(o_hdbc1);

if ((o_w_id == aptr->num_warehouses) && (o_d_id ==
10))
{
    rcint = bcp_done(o_hdbc1);
    if (rcint < 0)
        HandleErrorDBC(o_hdbc1);
}

```

```

SQLFreeStmt(o_hstmt1, SQL_DROP);
SQLDisconnect(o_hdbc1);
SQLFreeConnect(o_hdbc1);

// if build index after load...
if ((aptr->build_index == 1) &&
(aptr->index_order == 0))
    BuildIndex("idxordc1");

// build non-clustered index
if (aptr->build_index == 1)
    BuildIndex("idxordnc");
}

}

//=====
//
// Function : LoadNewOrderTable
//
//=====

void LoadNewOrderTable(LOADER_TIME_STRUCT
*new_order_time_start)
{
    int    i;
    long   o_id;
    short  o_d_id;
    long   o_w_id;
    RETCODE rc;
    DBINT  rcint;

    // Bind NEW-ORDER data

    rc = bcp_bind(o_hdbc2, (BYTE *) &o_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 1);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc2);

    rc = bcp_bind(o_hdbc2, (BYTE *) &o_d_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT2, 2);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc2);

    rc = bcp_bind(o_hdbc2, (BYTE *) &o_w_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 3);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc2);

    for (i = first_new_order; i < last_new_order; i++)
    {
        o_id = orders_buf[i].o_id;
        o_d_id = orders_buf[i].o_d_id;
        o_w_id = orders_buf[i].o_w_id;

        rc = bcp_sendrow(o_hdbc2);
        if (rc != SUCCEEDED)
            HandleErrorDBC(o_hdbc2);

        new_order_rows_loaded++;

        CheckForCommit(o_hdbc2, o_hstmt2,
new_order_rows_loaded, "new_order",
&new_order_time_start->time_start);
    }
}

```



```

// rcint = bcp_batch(o_hdbc2);
// if (rcint < 0)
//     HandleErrorDBC(o_hdbc2);

if ((o_w_id == apr->num_warehouses) && (o_d_id ==
10))
{
    rcint = bcp_done(o_hdbc2);
    if (rcint < 0)
        HandleErrorDBC(o_hdbc2);

    SQLFreeStmt(o_hstmt2, SQL_DROP);
    SQLDisconnect(o_hdbc2);
    SQLFreeConnect(o_hdbc2);

    // if build index after load...
    if ((aptr->build_index == 1) &&
(aptr->index_order == 0))
        BuildIndex("idxnodcl");

}
}

```

```

=====
//
// Function : LoadOrderLineTable
//
=====

```

```

void LoadOrderLineTable(LOADER_TIME_STRUCT
*order_line_time_start)
{
    int    ij;
    long   o_id;
    short  o_d_id;
    long   o_w_id;
    long   ol;
    long   ol_i_id;
    long   ol_supply_w_id;
    short  ol_quantity;
    double ol_amount;
    char   ol_dist_info[DIST_INFO_LEN+1];
    char
ol_delivery_d[OL_DELIVERY_D_LEN+1];
    RETCODE rc;
    DBINT   rcint;

    // bind ORDER-LINE data
    rc = bcp_bind(o_hdbc3, (BYTE *) &o_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 1);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc3);

    rc = bcp_bind(o_hdbc3, (BYTE *) &o_d_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT2, 2);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc3);

    rc = bcp_bind(o_hdbc3, (BYTE *) &o_w_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 3);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc3);

```

```

    rc = bcp_bind(o_hdbc3, (BYTE *) &ol, 0, SQL_VARLEN_DATA,
NULL, 0, SQLINT4, 4);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc3);

    rc = bcp_bind(o_hdbc3, (BYTE *) &ol_i_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 5);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc3);

    rc = bcp_bind(o_hdbc3, (BYTE *) &ol_supply_w_id, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT4, 6);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc3);

    rc = bcp_bind(o_hdbc3, (BYTE *) &ol_delivery_d, 0,
OL_DELIVERY_D_LEN, NULL, 0, SQLCHARACTER, 7);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc3);

    rc = bcp_bind(o_hdbc3, (BYTE *) &ol_quantity, 0,
SQL_VARLEN_DATA, NULL, 0, SQLINT2, 8);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc3);

    rc = bcp_bind(o_hdbc3, (BYTE *) &ol_amount, 0,
SQL_VARLEN_DATA, NULL, 0, SQLFLT8, 9);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc3);

    rc = bcp_bind(o_hdbc3, (BYTE *) ol_dist_info, 0,
DIST_INFO_LEN, NULL, 0, 0, 10);
    if (rc != SUCCEEDED)
        HandleErrorDBC(o_hdbc3);

    for (i = 0; i < orders_per_district; i++)
    {
        o_id = orders_buf[i].o_id;
        o_d_id = orders_buf[i].o_d_id;
        o_w_id = orders_buf[i].o_w_id;

        for (j=0; j < orders_buf[i].o_ol_cnt; j++)
        {
            ol = orders_buf[i].o_ol[j].ol;
            ol_i_id =
orders_buf[i].o_ol[j].ol_i_id;
            ol_supply_w_id =
orders_buf[i].o_ol[j].ol_supply_w_id;
            ol_quantity =
orders_buf[i].o_ol[j].ol_quantity;
            ol_amount =
orders_buf[i].o_ol[j].ol_amount;

strcpy(ol_delivery_d, orders_buf[i].o_ol[j].ol_delivery_d);

strcpy(ol_dist_info, orders_buf[i].o_ol[j].ol_dist_info);

rc = bcp_sendrow(o_hdbc3);
if (rc != SUCCEEDED)
    HandleErrorDBC(o_hdbc3);

            order_line_rows_loaded++;
            CheckForCommit(o_hdbc3,
o_hstmt3, order_line_rows_loaded, "order_line",
&order_line_time_start->time_start);
        }
    }

```

```

    }

    // rcint = bcp_batch(o_hdbc3);
    // if (rcint < 0)
    //     HandleErrorDBC(o_hdbc3);

    if ((o_w_id == apr->num_warehouses) && (o_d_id ==
10))
    {
        rcint = bcp_done(o_hdbc3);
        if (rcint < 0)
            HandleErrorDBC(o_hdbc3);

        SQLFreeStmt(o_hstmt3, SQL_DROP);
        SQLDisconnect(o_hdbc3);
        SQLFreeConnect(o_hdbc3);

        // if build index after load...
        if ((apr->build_index == 1) &&
(apr->index_order == 0))
            BuildIndex("idxodcl");
    }
}

```

```

//=====
//
// Function : GetPermutation
//
//=====

```

```

void GetPermutation(int perm[], int n)
{
    int i, r, t;

    for (i=1; i<=n; i++)
        perm[i] = i;

    for (i=1; i<=n; i++)
    {
        r = RandomNumber(i,n);
        t = perm[i];
        perm[i] = perm[r];
        perm[r] = t;
    }
}

```

```

//=====
//
// Function : CheckForCommit
//
//=====

```

```

void CheckForCommit(HDBC hdbc,
                    HSTMT hstmt,
                    long rows_loaded,
                    char
*table_name,
                    long *time_start)

```

```

{
    long    time_end, time_diff;
           // DBINT rcint;

    if ( !(rows_loaded % apr->batch) )
    {
        // rcint = bcp_batch(hdbc);
        // if (rcint < 0)
        //     HandleErrorDBC(hdbc);

        time_end = (TimeNow() / MILLI);
        time_diff = time_end - *time_start;

        printf("-> Loaded %ld rows into %s in %ld sec -
Total = %d (%.2f rps)\n",
                apr->batch,
                table_name,
                time_diff,
                rows_loaded,
                (float) apr->batch /
(time_diff ? time_diff : 1L));

        *time_start = time_end;
    }

    return;
}

```

```

//=====
//
// Function : OpenConnections
//
//=====

```

```

void OpenConnections()
{
    RETCODE    rc;

    char        szDriverString[300];
    char        szDriverStringOut[1024];
    SQLSMALLINT cbDriverStringOut;

    SQLAllocHandle(SQL_HANDLE_ENV,
SQL_NULL_HANDLE, &henv);

    SQLSetEnvAttr(henv, SQL_ATTR_ODBC_VERSION,
(void*)SQL_OV_ODBC3, 0);

    SQLAllocHandle(SQL_HANDLE_DBC, henv, &i_hdbc1);
    SQLAllocHandle(SQL_HANDLE_DBC, henv,
&w_hdbc1);
    SQLAllocHandle(SQL_HANDLE_DBC, henv,
&c_hdbc1);
    SQLAllocHandle(SQL_HANDLE_DBC, henv,
&c_hdbc2);
    SQLAllocHandle(SQL_HANDLE_DBC, henv,
&o_hdbc1);
    SQLAllocHandle(SQL_HANDLE_DBC, henv,
&o_hdbc2);
    SQLAllocHandle(SQL_HANDLE_DBC, henv,
&o_hdbc3);
}

```

```

        SQLSetConnectAttr(i_hdbc1, SQL_COPT_SS_BCP, (void
*)SQL_BCP_ON, SQL_IS_INTEGER);
        SQLSetConnectAttr(w_hdbc1, SQL_COPT_SS_BCP, (void
*)SQL_BCP_ON, SQL_IS_INTEGER);
        SQLSetConnectAttr(c_hdbc1, SQL_COPT_SS_BCP, (void
*)SQL_BCP_ON, SQL_IS_INTEGER);
        SQLSetConnectAttr(c_hdbc2, SQL_COPT_SS_BCP, (void
*)SQL_BCP_ON, SQL_IS_INTEGER);
        SQLSetConnectAttr(o_hdbc1, SQL_COPT_SS_BCP, (void
*)SQL_BCP_ON, SQL_IS_INTEGER);
        SQLSetConnectAttr(o_hdbc2, SQL_COPT_SS_BCP, (void
*)SQL_BCP_ON, SQL_IS_INTEGER);
        SQLSetConnectAttr(o_hdbc3, SQL_COPT_SS_BCP, (void
*)SQL_BCP_ON, SQL_IS_INTEGER);

        // Open connections to SQL Server

        // Connection 1

        sprintf( szDriverString , "DRIVER={SQL
Server};SERVER=%s;UID=%s;PWD=%s;DATABASE=%s",

aptr->server,

aptr->user,

aptr->password,

aptr->database );

        rc = SQLSetConnectOption (i_hdbc1,
SQL_PACKET_SIZE, aptr->pack_size);
        if (rc != SUCCEED)
            HandleErrorDBC(i_hdbc1);

        rc = SQLDriverConnect ( i_hdbc1,

NULL,

(SQLCHAR*)&szDriverString[0],

SQL_NTS,

(SQLCHAR*)&szDriverStringOut[0],

sizeof(szDriverStringOut),

&cbDriverStringOut,

SQL_DRIVER_NOPROMPT);
        if (rc != SUCCEED)
            HandleErrorDBC(i_hdbc1);

        // Connection 2

        sprintf( szDriverString , "DRIVER={SQL
Server};SERVER=%s;UID=%s;PWD=%s;DATABASE=%s",

aptr->server,

aptr->user,

aptr->password,

aptr->database );

        rc = SQLSetConnectOption (w_hdbc1,
SQL_PACKET_SIZE, aptr->pack_size);

```

```

        if (rc != SUCCEED)
            HandleErrorDBC(w_hdbc1);

        rc = SQLDriverConnect ( w_hdbc1,

NULL,

(SQLCHAR*)&szDriverString[0],

SQL_NTS,

(SQLCHAR*)&szDriverStringOut[0],

sizeof(szDriverStringOut),

&cbDriverStringOut,

SQL_DRIVER_NOPROMPT);
        if (rc != SUCCEED)
            HandleErrorDBC(w_hdbc1);

        // Connection 3

        sprintf( szDriverString , "DRIVER={SQL
Server};SERVER=%s;UID=%s;PWD=%s;DATABASE=%s",

aptr->server,

aptr->user,

aptr->password,

aptr->database );

        rc = SQLSetConnectOption (c_hdbc1,
SQL_PACKET_SIZE, aptr->pack_size);
        if (rc != SUCCEED)
            HandleErrorDBC(c_hdbc1);

        rc = SQLDriverConnect ( c_hdbc1,

NULL,

(SQLCHAR*)&szDriverString[0],

SQL_NTS,

(SQLCHAR*)&szDriverStringOut[0],

sizeof(szDriverStringOut),

&cbDriverStringOut,

SQL_DRIVER_NOPROMPT);
        if (rc != SUCCEED)
            HandleErrorDBC(c_hdbc1);

        // Connection 4

        sprintf( szDriverString , "DRIVER={SQL
Server};SERVER=%s;UID=%s;PWD=%s;DATABASE=%s",

aptr->server,

aptr->user,

aptr->password,

```

```

aptr->database );

        rc = SQLSetConnectOption (c_hdbc2,
SQL_PACKET_SIZE, aptr->pack_size);
        if (rc != SUCCEED)
            HandleErrorDBC(c_hdbc2);

        rc = SQLDriverConnect ( c_hdbc2,
NULL,
(SQLCHAR*)&szDriverString[0],
SQL_NTS,
(SQLCHAR*)&szDriverStringOut[0],
sizeof(szDriverStringOut),
&cbDriverStringOut,
SQL_DRIVER_NOPROMPT);
        if (rc != SUCCEED)
            HandleErrorDBC(c_hdbc2);

        // Connection 5
        sprintf( szDriverString , "DRIVER={SQL
Server};SERVER=%s;UID=%s;PWD=%s;DATABASE=%s",
aptr->server,
aptr->user,
aptr->password,
aptr->database );

        rc = SQLSetConnectOption (o_hdbc1,
SQL_PACKET_SIZE, aptr->pack_size);
        if (rc != SUCCEED)
            HandleErrorDBC(o_hdbc1);

        rc = SQLDriverConnect ( o_hdbc1,
NULL,
(SQLCHAR*)&szDriverString[0],
SQL_NTS,
(SQLCHAR*)&szDriverStringOut[0],
sizeof(szDriverStringOut),
&cbDriverStringOut,
SQL_DRIVER_NOPROMPT);
        if (rc != SUCCEED)
            HandleErrorDBC(o_hdbc1);

        // Connection 6
        sprintf( szDriverString , "DRIVER={SQL
Server};SERVER=%s;UID=%s;PWD=%s;DATABASE=%s",
aptr->server,

```

```

aptr->user,
aptr->password,
aptr->database );

        rc = SQLSetConnectOption (o_hdbc2,
SQL_PACKET_SIZE, aptr->pack_size);
        if (rc != SUCCEED)
            HandleErrorDBC(o_hdbc2);

        rc = SQLDriverConnect ( o_hdbc2,
NULL,
(SQLCHAR*)&szDriverString[0],
SQL_NTS,
(SQLCHAR*)&szDriverStringOut[0],
sizeof(szDriverStringOut),
&cbDriverStringOut,
SQL_DRIVER_NOPROMPT);
        if (rc != SUCCEED)
            HandleErrorDBC(o_hdbc2);

        // Connection 7
        sprintf( szDriverString , "DRIVER={SQL
Server};SERVER=%s;UID=%s;PWD=%s;DATABASE=%s",
aptr->server,
aptr->user,
aptr->password,
aptr->database );

        rc = SQLSetConnectOption (o_hdbc3,
SQL_PACKET_SIZE, aptr->pack_size);
        if (rc != SUCCEED)
            HandleErrorDBC(o_hdbc3);

        rc = SQLDriverConnect ( o_hdbc3,
NULL,
(SQLCHAR*)&szDriverString[0],
SQL_NTS,
(SQLCHAR*)&szDriverStringOut[0],
sizeof(szDriverStringOut),
&cbDriverStringOut,
SQL_DRIVER_NOPROMPT);
        if (rc != SUCCEED)
            HandleErrorDBC(o_hdbc3);
    }
}

```

```

//=====
//
// Function name: BuildIndex
//
//=====
=====

void BuildIndex(char *index_script)
{
    char    cmd[256];

    printf("Starting index creation: %s\n",index_script);

    sprintf(cmd, "isql -S%s -U%s -P%s -e -i%s\\%s.sql >
%s\\%s.log",

                                apr->server,
                                apr->user,
                                apr->password,
                                apr->index_script_path,
                                index_script,
                                LogBase,
                                index_script);

    system(cmd);

    printf("Finished index creation: %s\n",index_script);
}

void HandleErrorDBC (SQLHDBC hdbc1)
{
    SQLCHAR                SqlState[6],
    Msg[SQL_MAX_MESSAGE_LENGTH];
    SQLINTEGER NativeError;
    SQLSMALLINTi, MsgLen;
    SQLRETURN rc2;
    char                    timebuf[128];
    char                    datebuf[128];
    FILE                    *fp1;

    i = 1;
    while (( rc2 = SQLGetDiagRec(SQL_HANDLE_DBC,
hdbc1, i, SqlState , &NativeError,
                                Msg, sizeof(Msg) ,
                                &MsgLen )) != SQL_NO_DATA )
    {

        sprintf( szLastError , "%s" , Msg );

        _strtime(timebuf);
        _strdate(datebuf);

        printf( "[%s : %s] %s\n" , datebuf, timebuf,
szLastError);

        LOGFILE_CREATE("\\tpccldr.err")
        fp1 = fopen(LogFile,"w");
        if (fp1 == NULL)
            printf("ERROR: Unable to open
errorlog file.\n");
        else
        {
            fprintf(fp1, "[%s : %s] %s\n" ,
datebuf, timebuf, szLastError);
            fclose(fp1);
        }

        i++;
    }

    void FormatDate ( char* szTimeCOutput )
    {
        struct tm when;
        time_t now;

        time( &now );
        when = *localtime( &now );

        mktime( &when );

        // odbc datetime format
        strftime( szTimeCOutput , 30 , "%Y-%m-%d
%H:%M:%S.000" , &when );

        return;
    }
}

```

```

        i++;
    }
}

void HandleErrorSTMT (HSTMT hstmt1)
{
    SQLCHAR                SqlState[6],
    Msg[SQL_MAX_MESSAGE_LENGTH];
    SQLINTEGER NativeError;
    SQLSMALLINTi, MsgLen;
    SQLRETURN rc2;
    char                    timebuf[128];
    char                    datebuf[128];
    FILE                    *fp1;

    i = 1;
    while (( rc2 = SQLGetDiagRec(SQL_HANDLE_STMT,
hstmt1, i, SqlState , &NativeError,
                                Msg, sizeof(Msg) ,
                                &MsgLen )) != SQL_NO_DATA )
    {

        sprintf( szLastError , "%s" , Msg );

        _strtime(timebuf);
        _strdate(datebuf);

        printf( "[%s : %s] %s\n" , datebuf, timebuf,
szLastError);

        LOGFILE_CREATE("\\tpccldr.err")
        fp1 = fopen(LogFile,"w");
        if (fp1 == NULL)
            printf("ERROR: Unable to open
errorlog file.\n");
        else
        {
            fprintf(fp1, "[%s : %s] %s\n" ,
datebuf, timebuf, szLastError);
            fclose(fp1);
        }

        i++;
    }

    void FormatDate ( char* szTimeCOutput )
    {
        struct tm when;
        time_t now;

        time( &now );
        when = *localtime( &now );

        mktime( &when );

        // odbc datetime format
        strftime( szTimeCOutput , 30 , "%Y-%m-%d
%H:%M:%S.000" , &when );

        return;
    }
}

```

```

}

//=====
//
// Function : CheckDataBase
//
//=====

void CheckDataBase()
{
    RETCODE rc;

    char szDriverString[300];
    char szDriverStringOut[1024];
    char TablesBitMap[9] =
{"000000000"};
    int i, ExitFlag;

    SQLSMALLINT cbDriverStringOut;
    SQLCHAR TabName[10];
    SQLINTEGER TabNameInd, TabCount,
TabCountInd;

    ExitFlag = 0;

    SQLAllocHandle(SQL_HANDLE_ENV,
SQL_NULL_HANDLE, &henv );

    SQLSetEnvAttr(henv, SQL_ATTR_ODBC_VERSION,
(void*)SQL_OV_ODBC3, 0 );

    SQLAllocHandle(SQL_HANDLE_DBC, henv , &v_hdbc);

    SQLSetConnectAttr(v_hdbc, SQL_COPT_SS_BCP, (void
*)SQL_BCP_ON, SQL_IS_INTEGER);

    // Open connection to SQL Server

    sprintf( szDriverString, "DRIVER={SQL
Server};SERVER=%s;UID=%s;PWD=%s;DATABASE=%s",
aptr->server,
aptr->user,
aptr->password,
aptr->database );

    rc = SQLSetConnectAttr( v_hdbc,
SQL_ATTR_PACKET_SIZE, (SQLPOINTER)aptr->pack_size,
SQL_IS_INTEGER);
    if (rc != SQL_SUCCESS)
        HandleErrorDBC(v_hdbc);

    rc = SQLDriverConnect ( v_hdbc,
NULL,
(SQLCHAR*)&szDriverString[0],
SQL_NTS,
(SQLCHAR*)&szDriverStringOut[0],

```

```

sizeof(szDriverStringOut),
&cbDriverStringOut,
SQL_DRIVER_NOPROMPT);

    // if the rc is SQL_ERROR, the the TPCC database
probably does not exist
    if (rc == SQL_ERROR)
    {
        printf("The database TPCC does not appear to
exist!\n");
        printf("\nCheck %s\\ directory for database
creation errors.\n", LogBase);

        // cleanup database connections and handles
        SQLFreeHandle(SQL_HANDLE_STMT,
v_hstmt);
        SQLDisconnect(v_hdbc);
        SQLFreeHandle(SQL_HANDLE_DBC,
v_hdbc);

        // since there is not a database, exit back to
SETUP.CMD
        exit(1);
    }

    if ( SQLAllocHandle(SQL_HANDLE_STMT, v_hdbc ,
&v_hstmt) != SQL_SUCCESS )
        HandleErrorDBC(v_hdbc);

    if ( SQLBindCol(v_hstmt, 1, SQL_C_ULONG,
&TabCount, 0, &TabCountInd) != SQL_SUCCESS )
        HandleErrorSTMT(v_hstmt);

    // count the number of user tables from sysobjects
    rc = SQLExecDirect(v_hstmt, "select count(*) from
sysobjects where xtype = \U\", SQL_NTS);
    if ((rc != SQL_SUCCESS) && (rc !=
SQL_SUCCESS_WITH_INFO))
        HandleErrorSTMT(v_hstmt);

    if ( SQLFetch(v_hstmt) != SQL_SUCCESS )
        HandleErrorSTMT(v_hstmt);

    // if the number of tables is less than 9, select all the user
tables in TPCC
    if (TabCount != 9)
    {
        SQLFreeHandle(SQL_HANDLE_STMT,
v_hstmt);

        SQLAllocHandle(SQL_HANDLE_STMT,
v_hdbc , &v_hstmt);

        if ( SQLBindCol(v_hstmt, 1, SQL_C_CHAR,
&TabName, sizeof(TabName), &TabNameInd) != SQL_SUCCESS )
            HandleErrorSTMT(v_hstmt);

        // select the list of user tables into a result set
        rc = SQLExecDirect(v_hstmt, "select * from
sysobjects where xtype = \U\", SQL_NTS);
        if ((rc != SQL_SUCCESS) && (rc !=
SQL_SUCCESS_WITH_INFO))
            HandleErrorSTMT(v_hstmt);
    }

```

```

each found table // go through the result set and set the bitmap for
// set the bitmap to '1' if the table name is found
SQL_NO_DATA while ((rc = SQLFetch(v_hstmt)) !=
{
switch( TabName[0] )
{
case 'w': TablesBitMap[0] = '1'; break;
case 'd': TablesBitMap[1] = '1'; break;
case 'c': TablesBitMap[2] = '1'; break;
case 'h': TablesBitMap[3] = '1'; break;
case 'n': TablesBitMap[4] = '1'; break;
case 'o': if (TabName[5] = 's')
TablesBitMap[5] = '1';
if (TabName[5] = '_')
TablesBitMap[6] = '1';
break;
case 'i': TablesBitMap[7] = '1'; break;
case 's': TablesBitMap[8] = '1'; break;
}
}

// a '0' ExitFlag means do NOT exit the loader
early, a '1' means exit the loader early
ExitFlag = 0;

// iterate through the bitmap to display which
table(s) is actually missing
for (i = 0; i <= 8; i++)
{
switch(i)
{
case 0: if (TablesBitMap[i] == '0')
{
printf("The
Warehouse table is missing or damaged.\n");
ExitFlag = 1;
}
break;
case 1: if (TablesBitMap[i] == '0')
{
printf("The
District table is missing or damaged.\n");
ExitFlag = 1;
}
break;
case 2:
if (TablesBitMap[i] == '0')
{
printf("The
Customer table is missing or damaged.\n");
ExitFlag = 1;
}
break;
case 3:
if (TablesBitMap[i] == '0')
{
printf("The
History table is missing or damaged.\n");
ExitFlag = 1;
}
break;
case 4:
if (TablesBitMap[i] == '0')
{
printf("The
New_Order table is missing or damaged.\n");
ExitFlag = 1;
}
break;
case 5:
if (TablesBitMap[i] == '0')
{
printf("The
Orders table is missing or damaged.\n");
ExitFlag = 1;
}
break;
case 6:
if (TablesBitMap[i] == '0')
{
printf("The
Order_Line table is missing or damaged.\n");
ExitFlag = 1;
}
break;
case 7:
if (TablesBitMap[i] == '0')
{
printf("The
Item table is missing or damaged.\n");
ExitFlag = 1;
}
break;
case 8:
if (TablesBitMap[i] == '0')
{
printf("The
Stock table is missing or damaged.\n");
ExitFlag = 1;
}
break;
}
}

// if one or more tables are missing, display
message and exit the loader
if (ExitFlag = 1)
{
printf("\nExiting TPC-C Loader!\n");
printf("\nCheck %s\ directory for
database\n", LogBase);
printf("or table creation errors.\n");
}
}

```

```

// cleanup database connections and
handles
SQLFreeHandle(SQL_HANDLE_STMT,v_hstmt);
SQLDisconnect(v_hdbc);

SQLFreeHandle(SQL_HANDLE_DBC,v_hdbc);

exit(1);
}
}

// cleanup database connections and handles
SQLFreeHandle(SQL_HANDLE_STMT,v_hstmt);
SQLDisconnect(v_hdbc);
SQLFreeHandle(SQL_HANDLE_DBC,v_hdbc);

return;
}

```

tpccldr.mak

```

# Microsoft Developer Studio Generated NMAKE File, Format
Version 4.10
# ** DO NOT EDIT **

# TARGETTYPE "Win32 (x86) Console Application" 0x0103

!IF "$(CFG)" == ""
CFG=tpccldr - Win32 Debug
!MESSAGE No configuration specified. Defaulting to tpccldr - Win32
Debug.
!ENDIF

!IF "$(CFG)" != "tpccldr - Win32 Release" && "$(CFG)" !=\
"tpccldr - Win32 Debug"
!MESSAGE Invalid configuration "$(CFG)" specified.
!MESSAGE You can specify a configuration when running NMAKE
on this makefile
!MESSAGE by defining the macro CFG on the command line. For
example:
!MESSAGE
!MESSAGE NMAKE /f "tpccldr.mak" CFG="tpccldr - Win32 Debug"
!MESSAGE
!MESSAGE Possible choices for configuration are:
!MESSAGE
!MESSAGE "tpccldr - Win32 Release" (based on "Win32 (x86)
Console Application")
!MESSAGE "tpccldr - Win32 Debug" (based on "Win32 (x86)
Console Application")
!MESSAGE
!ERROR An invalid configuration is specified.
!ENDIF

!IF "$(OS)" == "Windows_NT"
NULL=
!ELSE
NULL=nul
!ENDIF
#####
#####
# Begin Project
# PROP Target_Last_Scanned "tpccldr - Win32 Debug"
RSC=rc.exe
CPP=cl.exe

!IF "$(CFG)" == "tpccldr - Win32 Release"

```

```

# PROP BASE Use_MFC 0
# PROP BASE Use_Debug_Libraries 0
# PROP BASE Output_Dir "Release"
# PROP BASE Intermediate_Dir "Release"
# PROP BASE Target_Dir ""
# PROP Use_MFC 0
# PROP Use_Debug_Libraries 0
# PROP Output_Dir "bin"
# PROP Intermediate_Dir "objects"
# PROP Target_Dir ""
OUTDIR=.\\bin
INTDIR=.\\objects

ALL : "$(OUTDIR)\tpccldr.exe"

CLEAN :
-@erase "$(INTDIR)\getargs.obj"
-@erase "$(INTDIR)\random.obj"
-@erase "$(INTDIR)\strings.obj"
-@erase "$(INTDIR)\time.obj"
-@erase "$(INTDIR)\tpccldr.obj"
-@erase "$(OUTDIR)\tpccldr.exe"

"$$(OUTDIR)" :
if not exist "$$(OUTDIR)\$(NULL)" mkdir "$$(OUTDIR)"

"$$(INTDIR)" :
if not exist "$$(INTDIR)\$(NULL)" mkdir "$$(INTDIR)"

# ADD BASE CPP /nologo /W3 /GX /O2 /D "WIN32" /D "NDEBUG"
/D "_CONSOLE" /YX /c
# ADD CPP /nologo /MT /W3 /GX /O2 /I "c:\mssql\dblib\include" /D
"NDEBUG" /D "WIN32" /D "_CONSOLE" /D "DBNTWIN32" /c
# SUBTRACT CPP /YX
CPP_PROJ=/nologo /MT /W3 /GX /O2 /I "c:\mssql\dblib\include" /D
"NDEBUG" /D\
"WIN32" /D "_CONSOLE" /D "DBNTWIN32" /Fo"$$(INTDIR)" /c
CPP_OBJS=.\\objects\
CPP_SBRS=.\
# ADD BASE RSC /I 0x409 /d "NDEBUG"
# ADD RSC /I 0x409 /d "NDEBUG"
BSC32=bscmake.exe
# ADD BASE BSC32 /nologo
# ADD BSC32 /nologo
BSC32_FLAGS=/nologo /o "$$(OUTDIR)\tpccldr.bsc"
BSC32_SBRS= \

LINK32=link.exe
# ADD BASE LINK32 kernel32.lib user32.lib gdi32.lib winspool.lib
comdlg32.lib advapi32.lib shell32.lib ole32.lib oleaut32.lib uuid.lib
odbc32.lib odbccp32.lib /nologo /subsystem:console /machine:I386
# ADD LINK32 c:\mssql\dblib\lib\ntwdblib.lib kernel32.lib user32.lib
gdi32.lib winspool.lib comdlg32.lib advapi32.lib shell32.lib ole32.lib
oleaut32.lib uuid.lib odbc32.lib odbccp32.lib /nologo
/subsystem:console /pdb:none /machine:I386
LINK32_FLAGS=c:\mssql\dblib\lib\ntwdblib.lib kernel32.lib
user32.lib gdi32.lib\
winspool.lib comdlg32.lib advapi32.lib shell32.lib ole32.lib
oleaut32.lib\
uuid.lib odbc32.lib odbccp32.lib /nologo /subsystem:console
/pdb:none\
/machine:I386 /out:"$(OUTDIR)\tpccldr.exe"
LINK32_OBJS= \
 "$(INTDIR)\getargs.obj" \
 "$(INTDIR)\random.obj" \
 "$(INTDIR)\strings.obj" \
 "$(INTDIR)\time.obj" \

```



```

$(INTDIR)\tpccldr.obj"

$(OUTDIR)\tpccldr.exe" : $(OUTDIR) $(DEF_FILE)
$(LINK32_OBJS)
$(LINK32) @<<
$(LINK32_FLAGS)$(LINK32_OBJS)
<<

!ELSEIF "$(CFG)" == "tpccldr - Win32 Debug"

# PROP BASE Use_MFC 0
# PROP BASE Use_Debug_Libraries 1
# PROP BASE Output_Dir "Debug"
# PROP BASE Intermediate_Dir "Debug"
# PROP BASE Target_Dir ""
# PROP Use_MFC 0
# PROP Use_Debug_Libraries 1
# PROP Output_Dir "bin"
# PROP Intermediate_Dir "objects"
# PROP Target_Dir ""
OUTDIR=. \bin
INTDIR=. \objects

ALL : "$(OUTDIR)\tpccldr.exe"

CLEAN :
    -@erase "$(INTDIR)\getargs.obj"
    -@erase "$(INTDIR)\random.obj"
    -@erase "$(INTDIR)\strings.obj"
    -@erase "$(INTDIR)\time.obj"
    -@erase "$(INTDIR)\tpccldr.obj"
    -@erase "$(INTDIR)\vc40.idb"
    -@erase "$(INTDIR)\vc40.pdb"
    -@erase "$(OUTDIR)\tpccldr.exe"

"$(OUTDIR)" :
    if not exist "$(OUTDIR)\$(NULL)" mkdir "$(OUTDIR)"

"$(INTDIR)" :
    if not exist "$(INTDIR)\$(NULL)" mkdir "$(INTDIR)"

# ADD BASE CPP /nologo /W3 /Gm /GX /Zi /Od /D "WIN32" /D
# "_DEBUG" /D "_CONSOLE" /YX /c
# ADD CPP /nologo /MTd /W3 /Gm /GX /Zi /Od /I
# "c:\mssql\dblib\include" /D "_DEBUG" /D "WIN32" /D "_CONSOLE"
# /D "DBNTWIN32" /c
# SUBTRACT CPP /YX
CPP_PROJ=/nologo /MTd /W3 /Gm /GX /Zi /Od /I
"c:\mssql\dblib\include" /D\
"_DEBUG" /D "WIN32" /D "_CONSOLE" /D "DBNTWIN32"
/Fo"$(INTDIR)"/\
/Fd"$(INTDIR)"/\c
CPP_OBJS=. \objects/
CPP_SBRS=.\
# ADD BASE RSC /I 0x409 /d "_DEBUG"
# ADD RSC /I 0x409 /d "_DEBUG"
BSC32=bscmake.exe
# ADD BASE BSC32 /nologo
# ADD BSC32 /nologo
BSC32_FLAGS=/nologo /o"$(OUTDIR)\tpccldr.bsc"
BSC32_SBRS= \

LINK32=link.exe
# ADD BASE LINK32 kernel32.lib user32.lib gdi32.lib winspool.lib
comdlg32.lib advapi32.lib shell32.lib ole32.lib oleaut32.lib uuid.lib
odbc32.lib odbccp32.lib /nologo /subsystem:console /debug
/machine:I386

```

```

# ADD LINK32 c:\mssql\dblib\lib\ntwdblib.lib kernel32.lib user32.lib
gdi32.lib winspool.lib comdlg32.lib advapi32.lib shell32.lib ole32.lib
oleaut32.lib uuid.lib odbc32.lib odbccp32.lib /nologo
/subsystem:console /pdb:none /debug /machine:I386
LINK32_FLAGS=c:\mssql\dblib\lib\ntwdblib.lib kernel32.lib
user32.lib gdi32.lib\
winspool.lib comdlg32.lib advapi32.lib shell32.lib ole32.lib
oleaut32.lib\
uuid.lib odbc32.lib odbccp32.lib /nologo /subsystem:console
/pdb:none /debug\
/machine:I386 /out:"$(OUTDIR)\tpccldr.exe"
LINK32_OBJS= \
    "$(INTDIR)\getargs.obj" \
    "$(INTDIR)\random.obj" \
    "$(INTDIR)\strings.obj" \
    "$(INTDIR)\time.obj" \
    "$(INTDIR)\tpccldr.obj"

"$(OUTDIR)\tpccldr.exe" : "$(OUTDIR) $(DEF_FILE)
$(LINK32_OBJS)
$(LINK32) @<<
$(LINK32_FLAGS)$(LINK32_OBJS)
<<

!ENDIF

.c{$(CPP_OBJS)}.obj:
$(CPP) $(CPP_PROJ) $<

.cpp{$(CPP_OBJS)}.obj:
$(CPP) $(CPP_PROJ) $<

.cxx{$(CPP_OBJS)}.obj:
$(CPP) $(CPP_PROJ) $<

.c{$(CPP_SBRS)}.sbr:
$(CPP) $(CPP_PROJ) $<

.cpp{$(CPP_SBRS)}.sbr:
$(CPP) $(CPP_PROJ) $<

.cxx{$(CPP_SBRS)}.sbr:
$(CPP) $(CPP_PROJ) $<

#####
#####
# Begin Target

# Name "tpccldr - Win32 Release"
# Name "tpccldr - Win32 Debug"

!IF "$(CFG)" == "tpccldr - Win32 Release"

!ELSEIF "$(CFG)" == "tpccldr - Win32 Debug"

!ENDIF

#####
#####
# Begin Source File

SOURCE=. \src\random.c
DEP_CPP_RANDO= \
    ". \src\tpcc.h" \
    "\mssql\dblib\include\sqldb.h" \
    "\mssql\dblib\include\sqlfront.h" \

```

```
"$(INTDIR)\random.obj" : $(SOURCE) $(DEP_CPP_RAND0)
"$(INTDIR)"
  $(CPP) $(CPP_PROJ) $(SOURCE)
```

```
# End Source File
#####
#####
# Begin Source File
```

```
SOURCE=. \src\strings.c
DEP_CPP_STRIN=\
  ".\src\tpcc.h"\
  "\mssql\dblib\include\sqldb.h"\
  "\mssql\dblib\include\sqlfront.h\"
```

```
"$(INTDIR)\strings.obj" : $(SOURCE) $(DEP_CPP_STRIN)
"$(INTDIR)"
  $(CPP) $(CPP_PROJ) $(SOURCE)
```

```
# End Source File
#####
#####
# Begin Source File
```

```
SOURCE=. \src\time.c
DEP_CPP_TIME_=\
  ".\src\tpcc.h"\
  "\mssql\dblib\include\sqldb.h"\
  "\mssql\dblib\include\sqlfront.h\"
```

```
"$(INTDIR)\time.obj" : $(SOURCE) $(DEP_CPP_TIME_)
"$(INTDIR)"
  $(CPP) $(CPP_PROJ) $(SOURCE)
```

```
# End Source File
#####
#####
# Begin Source File
```

```
SOURCE=. \src\tpccldr.c
DEP_CPP_TPCCCL=\
  ".\src\tpcc.h"\
  "\mssql\dblib\include\sqldb.h"\
  "\mssql\dblib\include\sqlfront.h\"
```

```
"$(INTDIR)\tpccldr.obj" : $(SOURCE) $(DEP_CPP_TPCCCL)
"$(INTDIR)"
  $(CPP) $(CPP_PROJ) $(SOURCE)
```

```
# End Source File
#####
#####
# Begin Source File
```

```
SOURCE=. \src\getargs.c
DEP_CPP_GETAR=\
  ".\src\tpcc.h"\
  "\mssql\dblib\include\sqldb.h"\
  "\mssql\dblib\include\sqlfront.h\"
```

```
"$(INTDIR)\getargs.obj" : $(SOURCE) $(DEP_CPP_GETAR)
"$(INTDIR)"
  $(CPP) $(CPP_PROJ) $(SOURCE)
```

```
# End Source File
# End Target
# End Project
#####
#####
```

Appendix C: Tunable Parameters

Database Startup Parameters

Microsoft SQL Server 2000 Startup Parameters

```
c:\Program Files\Microsoft SQL Server\MSSQL\Binn\sqlservr.exe -c -x
-t3502 -g1024
```

Where:

```
-c Start SQL Server independent of the Service Control Manager
-x Disable the keeping of CPU time and cache hit ratio statistics
-t3502 Writes a message to the SQL Server Errorlog showing the
beginning and ending time of each checkpoint
-g1024 Specifies the amount of memory that is set aside for allocations
not from the buffer pool
```

Database Information

```
1> 2> 3> 4> 5> 6> 7> 8> 9> 10> 11>
-- File:  VERSION.SQL
--      Microsoft TPC-C Benchmark Kit Ver. 4.30
--      Copyright Microsoft, 2000
-- Purpose: Returns SQL Server version string
```

```
print ''
select convert(char(30), getdate(),21)
print ''
```

```
-----
2001-03-05 18:21:24.117
```

(1 row affected)

```
1> 2> 3> 4> 5> Server Name:
```

```
print 'Server Name:'
select @@servername
print ''
```

```
-----
RTNODE01
```

(1 row affected)

```
1> 2> 3> 4> 5> Server Version:
```

```
print 'Server Version:'
select @@version
print ''
```

```
-----
```

```
-----
-----
Microsoft SQL Server 2000 - 8.00.208 (Intel X86)
Sep 27 2000 14:06:38
Cop
yright (c) 1988-2000 Microsoft Corporation
Enterprise Edition on Windo
ws NT 5.0 (Build 2195: Service Pack 1)
```

(1 row affected)

```
1> 2>
1> 2> 3> 4> 5> 6> 7> 8> 9> 10>
-- File:  CONFIG.SQL
--      Microsoft TPC-C Benchmark Kit Ver. 4.30
--      Copyright Microsoft, 2000
-- Purpose: Collects SQL Server configuration parameters
```

```
print ''
select convert(char(30), getdate(),21)
print ''
```

```
-----
2001-03-05 18:21:24.583
```

(1 row affected)

```
1> 2> 3> DBCC execution completed. If DBCC printed error
messages, contact your system administrator.
Configuration option 'show advanced options' changed from 1 to 1.
Run the RECONFIGURE statement to install.
```

```
sp_configure 'show advanced',1
1> 2> reconfigure with override
```

```
1> 2> sp_configure
```

name	minimum	maximum	config_value	run_value
affinity mask	0	2147483647	255	255
allow updates	0	1	0	0
awe enabled	0	1	1	1
c2 audit mode	0	1	0	0
cost threshold for parallelism	0	32767	5	5
cursor threshold	-1	2147483647	-1	-1
default full-text language	0	2147483647	1033	1033
default language	0	9999	0	0
fill factor (%)	0	100	0	0
index create memory (KB)	0	704 2147483647	0	0
lightweight pooling	0	1	0	0
locks	5000	2147483647	0	0
max degree of parallelism	0	32	0	0
max server memory (MB)	4	2147483647	2147483647	2147483647
max text repl size (B)	0	2147483647	65536	65536
max worker threads	32	32767	750	750
media retention	0	365	0	0
min memory per query (KB)	1024	2147483647	1024	1024
min server memory (MB)	0	2147483647	0	0

```

nested triggers          0      1      1      1
network packet size (B) 512    65536   4096
4096
open objects            0 2147483647      0      0
priority boost          0      1      1      1
query governor cost limit      0 2147483647      0      0

query wait (s)          -1 2147483647     -1     -1
recovery interval (min)  0    32767     36     36
remote access           0      1      1      1
remote login timeout (s)  0 2147483647      0      0

remote proc trans       0      1      0      0
remote query timeout (s)  0 2147483647      0      0

scan for startup proc   0      1      0      0
set working set size    0      1      0      0
show advanced options   0      1      1      1
two digit year cutoff   1753   9999     2049   2049

user connections        0    32767      0      0
user options            0    32767      0      0

```

1>

Software Update

Software Update

SQL Server QFE 208 was applied to all 32 server nodes and is available.

Windows 2000 SP1 was applied to all 32 server nodes and is available.

Microsoft Windows 2000 Datacenter Configuration

boot.ini

```

[boot loader]
timeout=5
default=multi(0)disk(0)rdisk(0)partition(1)\WINNT
[operating systems]
multi(0)disk(0)rdisk(0)partition(1)\WINNT="Microsoft Windows
2000 Datacenter Server /3GB /PAE" /fastdetect /3GB /PAE
multi(0)disk(0)rdisk(0)partition(1)\WINNT="Microsoft Windows
2000 Datacenter Server" /fastdetect

```

Enabling AWE

The following procedure was used on each node to enable SQL Server access to AWE memory:

- 1) Ran gpedit.msc to open the Group Policy Editor window.
- 2) Selected Computer Configuration -> Windows Settings -> Security Settings -> Local Policies -> User Rights Assignment.
- 3) Double-clicked on Lock Pages in Memory in the right hand pane of the editor.
- 4) Clicked Add.
- 5) Selected the Administrators group.
- 6) Click OK to set the local security policy setting.
- 7) Click OK to return to the Group Policy Editor.

8) Close the editor. Reboot the node.

Enabling VIA

The following procedure was used on each node to enable VIA support for SQL Server:

- 1) Open the SQL Client Network Utility.
- 2) Enable VIA as a protocol.
- 3) Select the Alias page. Press the Add button.
- 4) Check the VIA radio button.
- 5) Create a server alias.
- 6) Close the SQL Client Network Utility.
- 7) Open the SQL Server Network Utility.
- 8) Add VIA to the list of enabled protocols.
- 9) Close the SQL Server Network Utility.

Specifying Remote DTC

On each node a remote DTC coordinator was specified.

- Nodes 1-11 specified DTCSERV1 as the remote DTC coordinator.
- Nodes 12-22 specified DTCSERV2 as the remote DTC coordinator.
- Nodes 23-32 specified DTCSERV3 as the remote DTC coordinator.

System Information Report for Software Configuration

This software configuration inventory was obtained from 1 of 32 nodes.

All 32 nodes are identically configured.

System Information report written at: 03/05/2001 06:23:34 PM
[System Summary]

Item	Value
OS Name	Microsoft Windows 2000 Datacenter Server
Version	5.0.2195 Service Pack 1 Build 2195
OS Manufacturer	Microsoft Corporation
System Name	RTNODE01
System Manufacturer	IBM
System Model	IBM Server -[8681]-
System Type	X86-based PC
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
BIOS Version	IBM BIOS Ver 6.0
Windows Directory	C:\WINNT
System Directory	C:\WINNT\System32
Boot Device	\Device\Harddisk0\Partition1
Locale	United States
User Name	RTNODE01\tpcc
Time Zone	Eastern Standard Time
Total Physical Memory	16,514,360 KB
Available Physical Memory	16,280,660 KB
Total Virtual Memory	34,983,416 KB
Available Virtual Memory	34,635,660 KB
Page File Space	18,469,056 KB
Page File	C:\pagefile.sys

```

1> 2> 3> 4> 5> 6> 7> 8> 9> 10> 11>
-- File:  VERSION.SQL
--      Microsoft TPC-C Benchmark Kit Ver. 4.30
--      Copyright Microsoft, 2000
-- Purpose: Returns SQL Server version string

```

```

print ''
select convert(char(30), getdate(),21)
print ''

```

```

-----
2001-03-05 18:21:24.117

```

(1 row affected)

```

1> 2> 3> 4> 5> Server Name:

```

```

print 'Server Name:'
select @@servername
print ''

```

```

-----
RTNOD0E01

```

(1 row affected)

```

1> 2> 3> 4> 5> Server Version:

```

```

print 'Server Version:'
select @@version
print ''

```

```

-----
-----
-----
-----
-----

```

```

Microsoft SQL Server 2000 - 8.00.208 (Intel X86)
Sep 27 2000 14:06:38
Cop
yright (c) 1988-2000 Microsoft Corporation
Enterprise Edition on Windo
ws NT 5.0 (Build 2195: Service Pack 1)

```

System Information Report for Hardware Configuration

This hardware configuration inventory was obtained from 1 of 32 nodes.
All 32 nodes are identically configured.

System Information report written at: 03/05/2001 06:05:01 PM
[System Information]

[Following are sub-categories of this main category]

[System Summary]

Item	Value
OS Name	Microsoft Windows 2000 Datacenter Server
Version	5.0.2195 Service Pack 1 Build 2195
OS Manufacturer	Microsoft Corporation
System Name	RTNOD0E01
System Manufacturer	IBM
System Model	IBM Server -[8681]-
System Type	X86-based PC
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
BIOS Version	IBM BIOS Ver 6.0
Windows Directory	C:\WINNT
System Directory	C:\WINNT\System32
Boot Device	\Device\Harddisk0\Partition1
Locale	United States
User Name	RTNOD0E01\tpcc
Time Zone	Eastern Standard Time
Total Physical Memory	16,514,360 KB
Available Physical Memory	515,800 KB
Total Virtual Memory	34,983,416 KB
Available Virtual Memory	3,102,640 KB
Page File Space	18,469,056 KB
Page File	C:\pagefile.sys

[Hardware Resources]

[Following are sub-categories of this main category]

[Conflicts/Sharing]

Resource	Device
IRQ 51	Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller
IRQ 51	Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller

[DMA]

Channel	Device	Status
2	Standard floppy disk controller	OK
4	Direct memory access controller	OK

[Forced Hardware]

Device	PNP Device ID
No Forced Hardware	

[I/O]

Address Range	Device	Status
0x0000-0x0CF7	PCI bus	OK
0x0000-0x0CF7	Direct memory access controller	OK
0x0D00-0x5FFF	PCI bus	OK
0x2000-0x20FF	Other PCI Bridge Device	OK
0x2180-0x218F	Other PCI Bridge Device	OK
0x03B0-0x03BB	S3 Inc. Trio3D	OK
0x03C0-0x03DF	S3 Inc. Trio3D	OK
0x2200-0x22FF	IBM Netfinity ServeRAID 4H Controller	OK
0x2300-0x23FF	IBM Netfinity ServeRAID 4H Controller	OK
0x2400-0x24FF	IBM Netfinity ServeRAID 4H Controller	OK

0x2500-0x25FF	Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller OK	49	Intel 82371AB/EB PCI to USB Universal Host Controller
0x2600-0x26FF	Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller OK	16	IBM Netfinity ServeRAID 4H Controller
0x0A79-0x0A79	ISAPNP Read Data Port OK	17	IBM Netfinity ServeRAID 4H Controller
0x0279-0x0279	ISAPNP Read Data Port OK	18	IBM Netfinity ServeRAID 4H Controller
0x02F4-0x02F7	ISAPNP Read Data Port OK	19	IBM Netfinity ServeRAID 4H Controller
0x002E-0x002F	Motherboard resources OK	23	IBM 10/100 EtherJet PCI Management Adapter
0x0438-0x0439	Motherboard resources OK	24	IBM 10/100 EtherJet PCI Management Adapter #2
0x0430-0x0437	Motherboard resources OK	21	IBM Netfinity ServeRAID 4H Controller
0x0060-0x0060	Standard 101/102-Key or Microsoft Natural PS/2 Keyboard OK	22	cLAN Host Adapter
0x0064-0x0064	Standard 101/102-Key or Microsoft Natural PS/2 Keyboard OK		[Memory]
0x03F0-0x03F5	Standard floppy disk controller OK		Range Device Status
0x03F7-0x03F7	Standard floppy disk controller OK		0xA0000-0xBFFFF PCI bus OK
0x0378-0x037F	Printer Port (LPT1) OK		0xA0000-0xBFFFF S3 Inc. Trio3D OK
0x03F8-0x03FF	Communications Port (COM1) OK		0xC8000-0xDFFFF PCI bus OK
0x02F8-0x02FF	Communications Port (COM2) OK		0xF000000-0xFC1FFFFF PCI bus OK
0x0020-0x0021	Advanced programmable interrupt controller OK		0xFEC00000-0xFFFFFFFF PCI bus OK
0x00A0-0x00A1	Advanced programmable interrupt controller OK		0xFEC00000-0xFFFFFFFF Advanced programmable interrupt controller OK
0x0080-0x008F	Direct memory access controller OK		0xFC1FFC00-0xFC1FFCFF Other PCI Bridge Device OK
0x00C0-0x00DF	Direct memory access controller OK		0xFC1E0000-0xFC1EFFFF Other PCI Bridge Device OK
0x0040-0x0043	System timer OK		0xF8000000-0xFBFFFFFF S3 Inc. Trio3D OK
0x0070-0x0073	System CMOS/real time clock OK		0xFC000000-0xFC0FFFFF IBM Netfinity ServeRAID 4H Controller OK
0x0061-0x0061	System speaker OK		0xF7F00000-0xF7FFFFFF IBM Netfinity ServeRAID 4H Controller OK
0x00F0-0x00FF	Numeric data processor OK		0xF7E00000-0xF7EFFFFF IBM Netfinity ServeRAID 4H Controller OK
0x04D0-0x04D1	Motherboard resources OK		0xFC1FE000-0xFC1FEFFF Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller OK
0x00E8-0x00EF	Motherboard resources OK		0xFC1FD000-0xFC1FDFFF Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller OK
0x5FF0-0x5FFF	Intel(r) 82371AB/EB PCI Bus Master IDE Controller OK		0xFC200000-0xFCBFFFFF PCI bus OK
0x01F0-0x01F7	Primary IDE Channel OK		0xFCB00000-0xFCBFFFFF IBM Netfinity ServeRAID 4H Controller OK
0x03F6-0x03F6	Primary IDE Channel OK		0xFC800000-0xFC8FFFFF IBM Netfinity ServeRAID 4H Controller OK
0x5FC0-0x5FDF	Intel 82371AB/EB PCI to USB Universal Host Controller OK		0xFCC00000-0xFCFFFFFF PCI bus OK
0x6000-0xAFFF	PCI bus OK		0xFCFFF000-0xFCFFFFFF IBM 10/100 EtherJet PCI Management Adapter OK
0x6000-0xAFFF	IBM Netfinity ServeRAID 4H Controller OK		0xFCE00000-0xFCEFFFFF IBM 10/100 EtherJet PCI Management Adapter OK
0x6100-0x61FF	IBM Netfinity ServeRAID 4H Controller OK		0xFCFFE000-0xFCFFEFFF IBM 10/100 EtherJet PCI Management Adapter #2 OK
0x6200-0x62FF	IBM Netfinity ServeRAID 4H Controller OK		0xFCFDE000-0xFCFDEFFF IBM 10/100 EtherJet PCI Management Adapter #2 OK
0x6300-0x63FF	IBM Netfinity ServeRAID 4H Controller OK		0xFCFDD000-0xFCFDDFFF IBM 10/100 EtherJet PCI Management Adapter #2 OK
0xB000-0xCFFF	PCI bus OK		0xFD000000-0xFEBFFFFF PCI bus OK
0xB000-0xCFFF	IBM 10/100 EtherJet PCI Management Adapter OK		0xFD000000-0xFEBFFFFF cLAN Host Adapter OK
0xB040-0xB07F	IBM 10/100 EtherJet PCI Management Adapter #2 OK		0xFEB00000-0xFEBFFFFF IBM Netfinity ServeRAID 4H Controller OK
0xD000-0xFFFF	PCI bus OK		0xFEAE0000-0xFEAEFFFF cLAN Host Adapter OK
0xD000-0xFFFF	IBM Netfinity ServeRAID 4H Controller OK		0xFE800000-0xFE9FFFFF cLAN Host Adapter OK
			0xFEAD0000-0xFEADFFFF cLAN Host Adapter OK
[IRQs]			[Components]
IRQ Number	Device		[Following are sub-categories of this main category]
9	Microsoft ACPI-Compliant System		[Multimedia]
5	Other PCI Bridge Device		[Following are sub-categories of this main category]
25	IBM Netfinity ServeRAID 4H Controller		[Audio Codecs]
26	IBM Netfinity ServeRAID 4H Controller		
27	IBM Netfinity ServeRAID 4H Controller		
51	Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller		
51	Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller		
1	Standard 101/102-Key or Microsoft Natural PS/2 Keyboard		
12	PS/2 Compatible Mouse		
6	Standard floppy disk controller		
4	Communications Port (COM1)		
3	Communications Port (COM2)		
8	System CMOS/real time clock		
13	Numeric data processor		
14	Primary IDE Channel		

Codec	Manufacturer	Description	Status	File	PNP Device ID
Version	Size	Creation Date			IDE\CDROMLG_CD-ROM_CRD-8400B_____1. 10____\4249204D393937303931202020202020202020
c:\winnt\system32\lhacm.acm	Microsoft Corporation				
OK	C:\WINNT\System32\LHACM.ACM	4.4.3385			
33.27 KB (34,064 bytes)	12/19/2000 11:11:08 AM				[Sound Device]
c:\winnt\system32\msg723.acm	Microsoft Corporation				
OK	C:\WINNT\System32\MSG723.ACM	4.4.3385			Item Value
106.77 KB (109,328 bytes)	12/19/2000 11:11:07 AM				No sound devices
c:\winnt\system32\msg711.acm	Microsoft Corporation				
OK	C:\WINNT\System32\MSG711.ACM	5.00.2134.1			[Display]
10.27 KB (10,512 bytes)	7/27/2000 8:00:00 PM				
c:\winnt\system32\msadp32.acm	Microsoft Corporation				Item Value
OK	C:\WINNT\System32\MSADP32.ACM	5.00.2134.1			Name S3 Inc. Trio3D
14.77 KB (15,120 bytes)	7/27/2000 8:00:00 PM				PNP Device ID
c:\winnt\system32\imaadp32.acm	Microsoft Corporation				PCI\VEN_5333&DEV_8904&SUBSYS_00DB1014&REV_01\3&267
OK	C:\WINNT\System32\IMAADP32.ACM	5.00.2134.1			A616A&0&20
16.27 KB (16,656 bytes)	7/27/2000				Adapter Type S3 Trio3D, S3 compatible
8:00:00 PM					Adapter Description S3 Inc. Trio3D
c:\winnt\system32\iac25_32.ax	Intel Corporation	Indeo® audio			Adapter RAM 4.00 MB (4,194,304 bytes)
software OK	C:\WINNT\System32\IAC25_32.AX				Installed Drivers s3mt3d.sys
2.05.53	195.00 KB (199,680 bytes)	7/27/2000 8:00:00 PM			Driver Version 5.01.526.0007
c:\winnt\system32\msgsm32.acm	Microsoft Corporation				INF File s3trio3d.inf (S3Inc section)
OK	C:\WINNT\System32\MSGSM32.ACM	5.00.2134.1			Color Planes 1
22.27 KB (22,800 bytes)	7/27/2000 8:00:00 PM				Color Table Entries 65536
c:\winnt\system32\tssoft32.acm	DSP GROUP, INC.		OK		Resolution 800 x 600 x 60 hertz
C:\WINNT\System32\TSSOFT32.ACM	1.01	9.27 KB (9,488 bytes)			Bits/Pixel 16
7/27/2000 8:00:00 PM					
					[Infrared]
[Video Codecs]					
Codec	Manufacturer	Description	Status	File	Item Value
Version	Size	Creation Date			No infrared devices
c:\winnt\system32\ir50_32.dll	Intel Corporation	Indeo® video			
5.10	OK	C:\WINNT\System32\IR50_32.DLL			[Input]
R.5.10.15.2.55	737.50 KB (755,200 bytes)	7/27/2000			[Following are sub-categories of this main category]
8:00:00 PM					[Keyboard]
c:\winnt\system32\msh261.drv	Microsoft Corporation				Item Value
OK	C:\WINNT\System32\MSH261.DRV	4.4.3385			Description Standard 101/102-Key or Microsoft Natural
163.77 KB (167,696 bytes)	12/19/2000 11:11:08 AM				PS/2 Keyboard
c:\winnt\system32\msh263.drv	Microsoft Corporation				Name Enhanced (101- or 102-key)
OK	C:\WINNT\System32\MSH263.DRV	4.4.3385			Layout 00000409
252.27 KB (258,320 bytes)	12/19/2000 11:10:39 AM				PNP Device ID ACPI\PNP0303\4&43B47AD&0
c:\winnt\system32\msrle32.dll	Microsoft Corporation				NumberOfFunctionKeys 12
OK	C:\WINNT\System32\MSRLE32.DLL	5.00.2134.1			
10.77 KB (11,024 bytes)	7/27/2000 8:00:00 PM				[Pointing Device]
c:\winnt\system32\iccvld.dll	Radius Inc.		OK		Item Value
C:\WINNT\System32\ICCVLD.DLL	1.10.0.6	108.00 KB			Hardware Type PS/2 Compatible Mouse
(110,592 bytes)	7/27/2000 8:00:00 PM				Number of Buttons 3
c:\winnt\system32\ir32_32.dll	Intel(R) Corporation		OK		Status OK
C:\WINNT\System32\IR32_32.DLL	Not Available				PNP Device ID ACPI\PNP0F13\4&43B47AD&0
194.50 KB (199,168 bytes)	7/27/2000 8:00:00 PM				Power Management Supported False
c:\winnt\system32\msvidc32.dll	Microsoft Corporation				Double Click Threshold 6
OK	C:\WINNT\System32\MSVIDC32.DLL	5.00.2134.1			Handedness Right Handed Operation
27.27 KB (27,920 bytes)	7/27/2000 8:00:00 PM				
					[Modem]
[CD-ROM]					Item Value
Item	Value				No modems
Drive	D:				
Description	CD-ROM Drive				[Network]
Media Loaded	False				
Media Type	CD-ROM				
Name	LG CD-ROM CRD-8400B				
Manufacturer	(Standard CD-ROM drives)				
Status	OK				
Transfer Rate	Not Available				
SCSI Target ID	0				

[Following are sub-categories of this main category]

[Adapter]

Item Value
Name [00000000] IBM 10/100 EtherJet PCI Management Adapter
Adapter Type Ethernet 802.3
Product Name IBM 10/100 EtherJet PCI Management Adapter
Installed True
PNP Device ID
PCI\VEN_8086&DEV_1229&SUBSYS_305C1014&REV_08\3&23C
0707C&0&40
Last Reset 3/5/2001 12:32:42 PM
Index 0
Service Name E100B
IP Address 9.67.188.2
IP Subnet 255.255.255.192
Default IP Gateway 9.67.188.1
DHCP Enabled False
DHCP Server Not Available
DHCP Lease Expires Not Available
DHCP Lease Obtained Not Available
MAC Address 00:04:AC:93:0B:DC
Service Name E100B
IRQ Number 23
I/O Port 0xB000-0xCFFF
Driver c:\winnt\system32\drivers\e100bnt5.sys (119056,
5.40.11.0000)

Name [00000001] IBM 10/100 EtherJet PCI Management Adapter
Adapter Type Ethernet 802.3
Product Name IBM 10/100 EtherJet PCI Management Adapter
Installed True
PNP Device ID
PCI\VEN_8086&DEV_1229&SUBSYS_305C1014&REV_08\3&23C
0707C&0&48
Last Reset 3/5/2001 12:32:42 PM
Index 1
Service Name E100B
IP Address 192.6.1.1
IP Subnet 255.255.255.0
Default IP Gateway Not Available
DHCP Enabled False
DHCP Server Not Available
DHCP Lease Expires Not Available
DHCP Lease Obtained Not Available
MAC Address 00:04:AC:93:45:5B
Service Name E100B
IRQ Number 24
I/O Port 0xB040-0xB07F
Driver c:\winnt\system32\drivers\e100bnt5.sys (119056,
5.40.11.0000)

Name [00000002] RAS Async Adapter
Adapter Type Not Available
Product Name RAS Async Adapter
Installed True
PNP Device ID Not Available
Last Reset 3/5/2001 12:32:42 PM
Index 2
Service Name AsyncMac
IP Address Not Available
IP Subnet Not Available
Default IP Gateway Not Available
DHCP Enabled False
DHCP Server Not Available
DHCP Lease Expires Not Available
DHCP Lease Obtained Not Available

MAC Address Not Available
Service Name Not Available
Name [00000003] WAN Miniport (L2TP)
Adapter Type Not Available
Product Name WAN Miniport (L2TP)
Installed True
PNP Device ID ROOT\MS_L2TPMINIPORT\0000
Last Reset 3/5/2001 12:32:42 PM
Index 3
Service Name Rasl2tp
IP Address Not Available
IP Subnet Not Available
Default IP Gateway Not Available
DHCP Enabled False
DHCP Server Not Available
DHCP Lease Expires Not Available
DHCP Lease Obtained Not Available
MAC Address Not Available
Service Name Rasl2tp
Driver c:\winnt\system32\drivers\rasl2tp.sys (50320, 5.00.2179.1)
Name [00000004] WAN Miniport (PPTP)
Adapter Type Wide Area Network (WAN)
Product Name WAN Miniport (PPTP)
Installed True
PNP Device ID ROOT\MS_PPTPMINIPORT\0000
Last Reset 3/5/2001 12:32:42 PM
Index 4
Service Name PptpMiniport
IP Address Not Available
IP Subnet Not Available
Default IP Gateway Not Available
DHCP Enabled False
DHCP Server Not Available
DHCP Lease Expires Not Available
DHCP Lease Obtained Not Available
MAC Address 50:50:54:50:30:30
Service Name PptpMiniport
Driver c:\winnt\system32\drivers\raspptp.sys (47376, 5.00.2160.1)
Name [00000005] Direct Parallel
Adapter Type Not Available
Product Name Direct Parallel
Installed True
PNP Device ID ROOT\MS_PTMINIPORT\0000
Last Reset 3/5/2001 12:32:42 PM
Index 5
Service Name Raspti
IP Address Not Available
IP Subnet Not Available
Default IP Gateway Not Available
DHCP Enabled False
DHCP Server Not Available
DHCP Lease Expires Not Available
DHCP Lease Obtained Not Available
MAC Address Not Available
Service Name Raspti
Driver c:\winnt\system32\drivers\raspti.sys (16880, 5.00.2146.1)
Name [00000006] WAN Miniport (IP)
Adapter Type Not Available
Product Name WAN Miniport (IP)
Installed True
PNP Device ID ROOT\MS_NDISWANIP\0000
Last Reset 3/5/2001 12:32:42 PM
Index 6
Service Name NdisWan

IP Address Not Available
 IP Subnet Not Available
 Default IP Gateway Not Available
 DHCP Enabled False
 DHCP Server Not Available
 DHCP Lease Expires Not Available
 DHCP Lease Obtained Not Available
 MAC Address Not Available
 Service Name NdisWan
 Driver c:\winnt\system32\drivers\ndiswan.sys (89808, 5.00.2184.1)

Name [00000007] cLAN Host Adapter
 Adapter Type Ethernet 802.3
 Product Name cLAN Host Adapter
 Installed True
 PNP Device ID
 PCI\VEN_135B&DEV_0001&SUBSYS_00000000&REV_00\3&146 CA173&0&38
 Last Reset 3/5/2001 12:32:42 PM
 Index 7
 Service Name GNINDIS
 IP Address 192.168.100.1
 IP Subnet 255.255.255.0
 Default IP Gateway Not Available
 DHCP Enabled False
 DHCP Server Not Available
 DHCP Lease Expires Not Available
 DHCP Lease Obtained Not Available
 MAC Address 00:90:FA:00:0D:28
 Service Name GNINDIS
 IRQ Number 22
 Driver c:\winnt\system32\drivers\gnindis.sys (22598, 4.1.1)

[Protocol]

Item Value
 Name MSAFD Tcpi [TCP/IP]
 ConnectionlessService False
 GuaranteesDelivery True
 GuaranteesSequencing True
 MaximumAddressSize 16 bytes
 MaximumMessageSize 0 bytes
 MessageOriented False
 MinimumAddressSize 16 bytes
 PseudoStreamOriented False
 SupportsBroadcasting False
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData True
 SupportsGracefulClosing True
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD Tcpi [UDP/IP]
 ConnectionlessService True
 GuaranteesDelivery False
 GuaranteesSequencing False
 MaximumAddressSize 16 bytes
 MaximumMessageSize 65467 bytes
 MessageOriented True
 MinimumAddressSize 16 bytes
 PseudoStreamOriented False
 SupportsBroadcasting True
 SupportsConnectData False
 SupportsDisconnectData False

SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting True

Name RSVP UDP Service Provider
 ConnectionlessService True
 GuaranteesDelivery False
 GuaranteesSequencing False
 MaximumAddressSize 16 bytes
 MaximumMessageSize 65467 bytes
 MessageOriented True
 MinimumAddressSize 16 bytes
 PseudoStreamOriented False
 SupportsBroadcasting True
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption True
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting True

Name RSVP TCP Service Provider
 ConnectionlessService False
 GuaranteesDelivery True
 GuaranteesSequencing True
 MaximumAddressSize 16 bytes
 MaximumMessageSize 0 bytes
 MessageOriented False
 MinimumAddressSize 16 bytes
 PseudoStreamOriented False
 SupportsBroadcasting False
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption True
 SupportsExpeditedData True
 SupportsGracefulClosing True
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS
 [\Device\NetBT_Tcpi_{5DF00DF2-07BB-418E-A0CA-F65C6DE9B 4AE}] SEQUENCEPACKET 4
 ConnectionlessService False
 GuaranteesDelivery True
 GuaranteesSequencing True
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting False
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS
 [\Device\NetBT_Tcpi_{5DF00DF2-07BB-418E-A0CA-F65C6DE9B 4AE}] DATAGRAM 4
 ConnectionlessService True

GuaranteesDelivery False
 GuaranteesSequencing False
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting True
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\Device\NetBT_Tcpip_{6A7B67FA-E902-4271-B61F-8E0D38AB83A8}] SEQPACKET 1
 ConnectionlessService False
 GuaranteesDelivery True
 GuaranteesSequencing True
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting False
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\Device\NetBT_Tcpip_{6A7B67FA-E902-4271-B61F-8E0D38AB83A8}] DATAGRAM 1
 ConnectionlessService True
 GuaranteesDelivery False
 GuaranteesSequencing False
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting True
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\Device\NetBT_Tcpip_{547923BB-E2B6-4573-9E9D-86C5342DEFCC}] SEQPACKET 0
 ConnectionlessService False
 GuaranteesDelivery True
 GuaranteesSequencing True
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True

MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting False
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\Device\NetBT_Tcpip_{547923BB-E2B6-4573-9E9D-86C5342DEFCC}] DATAGRAM 0
 ConnectionlessService True
 GuaranteesDelivery False
 GuaranteesSequencing False
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting True
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\Device\NetBT_Tcpip_{830180B7-E282-442B-AF14-C3327727986C}] SEQPACKET 2
 ConnectionlessService False
 GuaranteesDelivery True
 GuaranteesSequencing True
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting False
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\Device\NetBT_Tcpip_{830180B7-E282-442B-AF14-C3327727986C}] DATAGRAM 2
 ConnectionlessService True
 GuaranteesDelivery False
 GuaranteesSequencing False
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting True
 SupportsConnectData False
 SupportsDisconnectData False

SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\NetBT_Tcpip_{FF9BB37E-81B3-40FA-BFB5-FE68770FDC8E}] SEQPACKE T 3

ConnectionlessService False
 GuaranteesDelivery True
 GuaranteesSequencing True
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting False
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\NetBT_Tcpip_{FF9BB37E-81B3-40FA-BFB5-FE68770FDC8E}] DATAGRAM 3

ConnectionlessService True
 GuaranteesDelivery False
 GuaranteesSequencing False
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting True
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

[WinSock]

Item	Value
File	c:\winnt\system32\winsock.dll
Version	3.10
Size	2.80 KB (2,864 bytes)
File	c:\winnt\system32\wsock32.dll
Version	5.00.2195.1207
Size	21.27 KB (21,776 bytes)

[Ports]

[Following are sub-categories of this main category]

[Serial]

Item	Value
------	-------

Name	COM1
Status	OK
PNP Device ID	ACPI\PNP0501\1
Maximum Input Buffer Size	0
Maximum Output Buffer Size	False
Settable Baud Rate	True
Settable Data Bits	True
Settable Flow Control	True
Settable Parity	True
Settable Parity Check	True
Settable Stop Bits	True
Settable RLSD	True
Supports RLSD	True
Supports 16 Bit Mode	False
Supports Special Characters	False
Baud Rate	9600
Bits/Byte	8
Stop Bits	1
Parity	None
Busy	0
Abort Read/Write on Error	0
Binary Mode Enabled-1	
Continue XMit on XOff	0
CTS Outflow Control	0
Discard NULL Bytes	0
DSR Outflow Control	0
DSR Sensitivity	0
DTR Flow Control Type	Enable
EOF Character	0
Error Replace Character	0
Error Replacement Enabled	0
Event Character	0
Parity Check Enabled	0
RTS Flow Control Type	Enable
XOff Character	19
XOffXMit Threshold	512
XOn Character	17
XOnXMit Threshold	2048
XOnXOff InFlow Control	0
XOnXOff OutFlow Control	0
IRQ Number	4
I/O Port	0x03F8-0x03FF
Driver	c:\winnt\system32\drivers\serial.sys (62448, 5.00.2134.1)

Name	COM2
Status	OK
PNP Device ID	ACPI\PNP0501\2
Maximum Input Buffer Size	0
Maximum Output Buffer Size	False
Settable Baud Rate	True
Settable Data Bits	True
Settable Flow Control	True
Settable Parity	True
Settable Parity Check	True
Settable Stop Bits	True
Settable RLSD	True
Supports RLSD	True
Supports 16 Bit Mode	False
Supports Special Characters	False
Baud Rate	9600
Bits/Byte	8
Stop Bits	1
Parity	None
Busy	0
Abort Read/Write on Error	0
Binary Mode Enabled-1	
Continue XMit on XOff	0
CTS Outflow Control	0

Discard NULL Bytes 0
 DSR Outflow Control 0
 DSR Sensitivity 0
 DTR Flow Control Type Enable
 EOF Character 0
 Error Replace Character 0
 Error Replacement Enabled 0
 Event Character 0
 Parity Check Enabled 0
 RTS Flow Control Type Enable
 XOff Character 19
 XOffXMit Threshold 512
 XOn Character 17
 XOnXMit Threshold 2048
 XOnXOff InFlow Control 0
 XOnXOff OutFlow Control 0
 IRQ Number 3
 I/O Port 0x02F8-0x02FF
 Driver c:\winnt\system32\drivers\serial.sys (62448, 5.00.2134.1)

[Parallel]

Item Value
 Name LPT1
 PNP Device ID ACPI\PNP0400\1

[Storage]

[Following are sub-categories of this main category]

[Drives]

Item Value
 Drive A:
 Description 3 1/2 Inch Floppy Drive

Drive C:
 Description Local Fixed Disk
 Compressed False
 File System NTFS
 Size 8.47 GB (9,097,424,896 bytes)
 Free Space 5.58 GB (5,990,879,232 bytes)
 Volume Name
 Volume Serial Number 9CD19247
 Partition Disk #0, Partition #0
 Partition Size 8.47 GB (9,097,428,992 bytes)
 Starting Offset 16384 bytes
 Drive Description Disk drive
 Drive Manufacturer (Standard disk drives)
 Drive Model IBM ServeRAID Failover Virtual Disk Device
 Drive BytesPerSector 512
 Drive MediaLoaded True
 Drive MediaType Fixed hard disk media
 Drive Partitions 1
 Drive SCSI Bus 0
 Drive SCSI Logical Unit 0
 Drive SCSI Port 3
 Drive SCSI Target Id 0
 Drive SectorsPerTrack 32
 Drive Size 9099542528 bytes
 Drive TotalCylinders 4339
 Drive TotalSectors 17772544
 Drive TotalTracks 555392
 Drive TracksPerCylinder 128

Drive E:

Description Local Fixed Disk
 Compressed Not Available
 File System Not Available
 Size Not Available
 Free Space Not Available
 Volume Name Not Available
 Volume Serial Number Not Available

Drive F:
 Description Local Fixed Disk
 Compressed False
 File System NTFS
 Size 90.05 GB (96,694,558,720 bytes)
 Free Space 56.16 GB (60,303,040,512 bytes)
 Volume Name backup1
 Volume Serial Number E4F6BD1C
 Partition Disk #2, Partition #0
 Partition Size 130.08 GB (139,669,919,744 bytes)
 Starting Offset 2097152 bytes
 Drive Description Disk drive
 Drive Manufacturer (Standard disk drives)
 Drive Model IBM ServeRAID Failover Virtual Disk Device
 Drive BytesPerSector 512
 Drive MediaLoaded True
 Drive MediaType Fixed hard disk media
 Drive Partitions 3
 Drive SCSI Bus 0
 Drive SCSI Logical Unit 0
 Drive SCSI Port 4
 Drive SCSI Target Id 0
 Drive SectorsPerTrack 12
 Drive Size 136492941312 bytes
 Drive TotalCylinders 213612
 Drive TotalSectors 266587776
 Drive TotalTracks 22215648
 Drive TracksPerCylinder 104

Drive G:
 Description Local Fixed Disk
 Compressed False
 File System NTFS
 Size 90.05 GB (96,694,558,720 bytes)
 Free Space 56.16 GB (60,303,040,512 bytes)
 Volume Name backup2
 Volume Serial Number CC0DBDFC
 Partition Disk #4, Partition #0
 Partition Size 130.08 GB (139,669,919,744 bytes)
 Starting Offset 2097152 bytes
 Drive Description Disk drive
 Drive Manufacturer (Standard disk drives)
 Drive Model IBM ServeRAID Failover Virtual Disk Device
 Drive BytesPerSector 512
 Drive MediaLoaded True
 Drive MediaType Fixed hard disk media
 Drive Partitions 3
 Drive SCSI Bus 0
 Drive SCSI Logical Unit 0
 Drive SCSI Port 5
 Drive SCSI Target Id 0
 Drive SectorsPerTrack 12
 Drive Size 136492941312 bytes
 Drive TotalCylinders 213612
 Drive TotalSectors 266587776
 Drive TotalTracks 22215648
 Drive TracksPerCylinder 104

Drive H:
 Description Local Fixed Disk

Compressed False
 File System NTFS
 Size 90.05 GB (96,694,558,720 bytes)
 Free Space 56.16 GB (60,303,106,048 bytes)
 Volume Name backup3
 Volume Serial Number D01B3CAB
 Partition Disk #6, Partition #0
 Partition Size 130.08 GB (139,669,919,744 bytes)
 Starting Offset 2097152 bytes
 Drive Description Disk drive
 Drive Manufacturer (Standard disk drives)
 Drive Model IBM ServeRAID Failover Virtual Disk Device
 Drive BytesPerSector 512
 Drive MediaLoaded True
 Drive MediaType Fixed hard disk media
 Drive Partitions 3
 Drive SCSIbus 0
 Drive SCSILogicalUnit 0
 Drive SCSIPort 6
 Drive SCSTargetId 0
 Drive SectorsPerTrack 12
 Drive Size 136492941312 bytes
 Drive TotalCylinders 213612
 Drive TotalSectors 266587776
 Drive TotalTracks 22215648
 Drive TracksPerCylinder 104

Drive I:
 Description Local Fixed Disk
 Compressed Not Available
 File System Not Available
 Size Not Available
 Free Space Not Available
 Volume Name Not Available
 Volume Serial Number Not Available

Drive J:
 Description Local Fixed Disk
 Compressed False
 File System NTFS
 Size 90.05 GB (96,694,558,720 bytes)
 Free Space 89.92 GB (96,550,621,184 bytes)
 Volume Name MDFfiles
 Volume Serial Number D43717C8
 Partition Disk #10, Partition #0
 Partition Size 130.08 GB (139,669,919,744 bytes)
 Starting Offset 2097152 bytes
 Drive Description Disk drive
 Drive Manufacturer (Standard disk drives)
 Drive Model IBM ServeRAID Failover Virtual Disk Device
 Drive BytesPerSector 512
 Drive MediaLoaded True
 Drive MediaType Fixed hard disk media
 Drive Partitions 3
 Drive SCSIbus 0
 Drive SCSILogicalUnit 0
 Drive SCSIPort 8
 Drive SCSTargetId 0
 Drive SectorsPerTrack 63
 Drive Size 136490296320 bytes
 Drive TotalCylinders 16594
 Drive TotalSectors 266582610
 Drive TotalTracks 4231470
 Drive TracksPerCylinder 255

Drive K:
 Description Local Fixed Disk
 Compressed False

File System NTFS
 Size 90.05 GB (96,694,558,720 bytes)
 Free Space 56.16 GB (60,303,106,048 bytes)
 Volume Name backup4
 Volume Serial Number 1027E264
 Partition Disk #8, Partition #0
 Partition Size 130.08 GB (139,669,919,744 bytes)
 Starting Offset 2097152 bytes
 Drive Description Disk drive
 Drive Manufacturer (Standard disk drives)
 Drive Model IBM ServeRAID Failover Virtual Disk Device
 Drive BytesPerSector 512
 Drive MediaLoaded True
 Drive MediaType Fixed hard disk media
 Drive Partitions 3
 Drive SCSIbus 0
 Drive SCSILogicalUnit 0
 Drive SCSIPort 7
 Drive SCSTargetId 0
 Drive SectorsPerTrack 63
 Drive Size 136490296320 bytes
 Drive TotalCylinders 16594
 Drive TotalSectors 266582610
 Drive TotalTracks 4231470
 Drive TracksPerCylinder 255

Drive L:
 Description Local Fixed Disk
 Compressed Not Available
 File System Not Available
 Size Not Available
 Free Space Not Available
 Volume Name Not Available
 Volume Serial Number Not Available

Drive M:
 Description Local Fixed Disk
 Compressed Not Available
 File System Not Available
 Size Not Available
 Free Space Not Available
 Volume Name Not Available
 Volume Serial Number Not Available

Drive N:
 Description Local Fixed Disk
 Compressed Not Available
 File System Not Available
 Size Not Available
 Free Space Not Available
 Volume Name Not Available
 Volume Serial Number Not Available

Drive O:
 Description Local Fixed Disk
 Compressed Not Available
 File System Not Available
 Size Not Available
 Free Space Not Available
 Volume Name Not Available
 Volume Serial Number Not Available

Drive P:
 Description Local Fixed Disk
 Compressed Not Available
 File System Not Available
 Size Not Available
 Free Space Not Available

Volume Name Not Available
Volume Serial Number Not Available

Drive Q:
Description Local Fixed Disk
Compressed Not Available
File System Not Available
Size Not Available
Free Space Not Available
Volume Name Not Available
Volume Serial Number Not Available

Drive R:
Description Local Fixed Disk
Compressed Not Available
File System Not Available
Size Not Available
Free Space Not Available
Volume Name Not Available
Volume Serial Number Not Available

Drive S:
Description Local Fixed Disk
Compressed Not Available
File System Not Available
Size Not Available
Free Space Not Available
Volume Name Not Available
Volume Serial Number Not Available

Drive T:
Description Local Fixed Disk
Compressed Not Available
File System Not Available
Size Not Available
Free Space Not Available
Volume Name Not Available
Volume Serial Number Not Available

Drive U:
Description Local Fixed Disk
Compressed Not Available
File System Not Available
Size Not Available
Free Space Not Available
Volume Name Not Available
Volume Serial Number Not Available

Drive V:
Description Local Fixed Disk
Compressed Not Available
File System Not Available
Size Not Available
Free Space Not Available
Volume Name Not Available
Volume Serial Number Not Available

[SCSI]

Item	Value
Name	IBM Netfinity ServeRAID 4H Controller
Caption	IBM Netfinity ServeRAID 4H Controller
Driver	ipsraidn
Status	OK
PNP Device ID	PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&267A616A&0&50

Device ID
PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&267A616A&0&50
Device Map Not Available
Index Not Available
Max Number Controlled Not Available
IRQ Number 25
I/O Port 0x2200-0x22FF
Driver c:\winnt\system32\drivers\ipsraidn.sys (102807, 4.70.08)

Name IBM Netfinity ServeRAID 4H Controller
Caption IBM Netfinity ServeRAID 4H Controller
Driver ipsraidn
Status OK
PNP Device ID
PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&267A616A&0&58
Device ID
PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&267A616A&0&58

Device Map Not Available
Index Not Available
Max Number Controlled Not Available
IRQ Number 26
I/O Port 0x2300-0x23FF
Driver c:\winnt\system32\drivers\ipsraidn.sys (102807, 4.70.08)

Name IBM Netfinity ServeRAID 4H Controller
Caption IBM Netfinity ServeRAID 4H Controller
Driver ipsraidn
Status OK
PNP Device ID
PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&267A616A&0&60
Device ID
PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&267A616A&0&60

Device Map Not Available
Index Not Available
Max Number Controlled Not Available
IRQ Number 27
I/O Port 0x2400-0x24FF
Driver c:\winnt\system32\drivers\ipsraidn.sys (102807, 4.70.08)

Name Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller
Caption Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller
Driver aic78u2
Status OK
PNP Device ID
PCI\VEN_9005&DEV_005F&SUBSYS_080F9005&REV_00\3&267A616A&0&70
Device ID
PCI\VEN_9005&DEV_005F&SUBSYS_080F9005&REV_00\3&267A616A&0&70

Device Map Not Available
Index Not Available
Max Number Controlled Not Available
IRQ Number 51
I/O Port 0x2500-0x25FF
Driver c:\winnt\system32\drivers\aic78u2.sys (65168, v3.00a)

Name Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller
Caption Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller
Driver aic78u2
Status OK
PNP Device ID
PCI\VEN_9005&DEV_005F&SUBSYS_080F9005&REV_00\3&267A616A&0&71

Device ID
PCI\VEN_9005&DEV_005F&SUBSYS_080F9005&REV_00\3&267
A616A&0&71
Device Map Not Available
Index Not Available
Max Number Controlled Not Available
IRQ Number 51
I/O Port 0x2600-0x26FF
Driver c:\winnt\system32\drivers\aic78u2.sys (65168, v3.00a)

Name IBM Netfinity ServeRAID 4H Controller
Caption IBM Netfinity ServeRAID 4H Controller
Driver ipsraidn
Status OK

PNP Device ID
PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&172
E68DD&0&08

Device ID
PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&172
E68DD&0&08
Device Map Not Available
Index Not Available
Max Number Controlled Not Available
IRQ Number 16
I/O Port 0x6000-0xAFFF
Driver c:\winnt\system32\drivers\ipsraidn.sys (102807, 4.70.08)

Name IBM Netfinity ServeRAID 4H Controller
Caption IBM Netfinity ServeRAID 4H Controller
Driver ipsraidn
Status OK

PNP Device ID
PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&172
E68DD&0&10

Device ID
PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&172
E68DD&0&10
Device Map Not Available
Index Not Available
Max Number Controlled Not Available
IRQ Number 17
I/O Port 0x6100-0x61FF
Driver c:\winnt\system32\drivers\ipsraidn.sys (102807, 4.70.08)

Name IBM Netfinity ServeRAID 4H Controller
Caption IBM Netfinity ServeRAID 4H Controller
Driver ipsraidn
Status OK

PNP Device ID
PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&172
E68DD&0&18

Device ID
PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&172
E68DD&0&18
Device Map Not Available
Index Not Available
Max Number Controlled Not Available
IRQ Number 18
I/O Port 0x6200-0x62FF
Driver c:\winnt\system32\drivers\ipsraidn.sys (102807, 4.70.08)

Name IBM Netfinity ServeRAID 4H Controller
Caption IBM Netfinity ServeRAID 4H Controller
Driver ipsraidn
Status OK

PNP Device ID
PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&172
E68DD&0&20

Device ID
PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&172
E68DD&0&20

Device Map Not Available
Index Not Available
Max Number Controlled Not Available
IRQ Number 19
I/O Port 0x6300-0x63FF
Driver c:\winnt\system32\drivers\ipsraidn.sys (102807, 4.70.08)

Name IBM Netfinity ServeRAID 4H Controller
Caption IBM Netfinity ServeRAID 4H Controller
Driver ipsraidn
Status OK

PNP Device ID
PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&146
CA173&0&30

Device ID
PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&146
CA173&0&30
Device Map Not Available
Index Not Available
Max Number Controlled Not Available
IRQ Number 21
I/O Port 0xD000-0xFFFF
Driver c:\winnt\system32\drivers\ipsraidn.sys (102807, 4.70.08)

Name IBM Netfinity ServeRAID Failover Virtual Adapter
Caption IBM Netfinity ServeRAID Failover Virtual Adapter
Driver twintail
Status OK

PNP Device ID ROOT\TWINTAIL\0000
Device ID ROOT\TWINTAIL\0000
Device Map Not Available
Index Not Available
Max Number Controlled Not Available
Driver c:\winnt\system32\drivers\twintail.sys (26032, 4.70.06)

[Printing]

Name Port Name Server Name
No printing information

[Problem Devices]

Device	PNP Device ID	Error Code
Other PCI Bridge Device	PCI\VEN_1014&DEV_00DC&SUBSYS_00DC1014&REV_02\3&26 7A616A&0&10	28
Not Available	ACPI\IBM37D0\4&43B47AD&0	28

[USB]

Device	PNP Device ID
Intel 82371AB/EB PCI to USB Universal Host Controller	PCI\VEN_8086&DEV_7112&SUBSYS_00000000&REV_01\3&267 A616A&0&7A
USB Root Hub	USB\ROOT_HUB\4&B5B4E1B&0

March 6, 2001 9:13:53 AM EST

Configuration summary

Server name.....rtnode01
ServeRAID Manager Version.....4.00.34

Number of controllers.....8
Operating system.....Windows NT
Device driver version.....4.70.08

Information for controller 1

Controller type.....ServeRAID-4H
BIOS version.....4.70.06
Firmware version.....joe.05
Physical slot.....10
Battery-backup cache.....Installed
Read-ahead cache mode.....Adaptive
Stripe-unit size.....64K
Rebuild rate.....High
Hot-swap rebuild.....Enabled
Data scrubbing.....Enabled
Auto-synchronization.....Enabled
Clustering.....Disabled
Unattended mode.....Disabled
Number of arrays.....2
Number of logical drives.....2
Number of hot-spare drives.....0
Number of ready drives.....0

Array A

Array identifier.....A
Array size in MB.....17356
Free space in MB.....0
Number of logical drives.....1
Number of physical drives.....2

Logical drives in array A

Logical drive.....1
Array letter.....A
State.....Okay
RAID level.....1
Data space in MB.....8678
Parity space in MB.....8678
Date created.....12/15/00
Write-cache mode.....Write through
Merge group number.....207
Merge group state.....Non-shared

Physical drives in array A

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....8678
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....DMVS09D
Serial number.....F80328F4
Firmware level.....0180
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....0
Size in MB.....8678
State.....Online
Array letter.....A
Vendor.....IBM-PSG

Product or model number.....DMVS09D
Serial number.....F802FA17
Firmware level.....0180
PFA error.....No
Write-cache mode.....Write through

Spanned array 1

Array identifier.....1
Array size in MB.....138856
Free space in MB.....0
Number of logical drives.....1
Number of physical drives.....8

Arrays in spanned array 1

Array identifier.....B
Array size in MB.....34714
Number of physical drives.....2

Array identifier.....C
Array size in MB.....34714
Number of physical drives.....2

Array identifier.....D
Array size in MB.....34714
Number of physical drives.....2

Array identifier.....E
Array size in MB.....34714
Number of physical drives.....2

Physical drives in array B

Type.....Hard disk drive
Channel.....1
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR723266
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR713507
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Physical drives in array C

Type.....Hard disk drive
Channel.....1
SCSI ID.....2
Size in MB.....17357

State.....Online
Array letter.....C
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR730891
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....C
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR706759
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Physical drives in array D

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....D
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR730712
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....D
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR730752
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Physical drives in array E

Type.....Hard disk drive
Channel.....1
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....E
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR673074
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive

Channel.....2
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....E
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR696290
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Logical drives in spanned array 1

Logical drive.....2
Spanned array number1
State.....Okay
RAID level.....10
Data space in MB.....69428
Parity space in MB.....69428
Date created.....2/6/01
Write-cache mode.....Write through
Merge group number.....207
Merge group state.....Non-shared

SCSI channel 1

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....8678
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....DMVS09D
Serial number.....F80328F4
Firmware level.....0180
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR723266
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....C
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR730891
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....D
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR730712
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....E
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR673074
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....1
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94614613
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1539
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....11/1999
FRU part number.....37L0063
FRU serial number.....1T94614613

SCSI channel 2

Type.....Hard disk drive
Channel.....2
SCSI ID.....0
Size in MB.....8678
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....DMVS09D
Serial number.....F802FA17
Firmware level.....0180
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive

Channel.....2
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR713507
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....C
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR706759
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....D
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR730752
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....E
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR696290
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....2
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94614613
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999

FRU part number.....37L0061
FRU serial number.....23A1539
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....11/1999
FRU part number.....37L0063
FRU serial number.....1T94614613

SCSI channel 3

SCSI channel 4

End of the configuration information for controller 1

Information for controller 2

Controller type.....ServeRAID-4H
BIOS version.....4.70.06
Firmware version.....joe.05
Physical slot.....11
Battery-backup cache.....Installed
Read-ahead cache mode.....Adaptive
Stripe-unit size.....64K
Rebuild rate.....High
Hot-swap rebuild.....Enabled
Data scrubbing.....Enabled
Auto-synchronization.....Enabled
Clustering.....Disabled
Unattended mode.....Disabled
Number of arrays.....2
Number of logical drives.....2
Number of hot-spare drives.....0
Number of ready drives.....0

Array A

Array identifier.....A
Array size in MB.....260355
Free space in MB.....15
Number of logical drives.....1
Number of physical drives.....15

Logical drives in array A

Logical drive.....1
Array letter.....A
State.....Okay
RAID level.....1E
Data space in MB.....130170
Parity space in MB.....130170
Date created.....12/15/00
Write-cache mode.....Write back
Merge group number.....207
Merge group state.....Non-shared

Physical drives in array A

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203

Serial number.....LR778524
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR730150
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR726573
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR706689
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR721549
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR521045
Firmware level.....B227
PFA error.....No

Write-cache mode.....Write through
Type.....Hard disk drive
Channel.....2
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR701790
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR691402
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR678806
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR578394
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR696506
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive

Channel.....3
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR600148
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR703988
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR684116
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR704041
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Array B

Array identifier.....B
Array size in MB.....260355
Free space in MB.....15
Number of logical drives.....1
Number of physical drives.....15

Logical drives in array B

Logical drive.....2
Array letter.....B
State.....Okay
RAID level.....1E
Data space in MB.....130170
Parity space in MB.....130170
Date created.....12/15/00

Write-cache mode.....Write back
Merge group number.....207
Merge group state.....Non-shared

Physical drives in array B

Type.....Hard disk drive
Channel.....1
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR706137
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR726570
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR704053
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR725119
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594070

Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR678317
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580451
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR702657
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594592
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593150
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR704531
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR695280
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR699182
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR696050
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595598
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

SCSI channel 1

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR778524
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR730150
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR726573
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR706689
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR721549
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive

Channel.....1
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR706137
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR726570
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR704053
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR725119
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594070
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....1
SCSI ID.....15
Enclosure status.....Okay

Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94212241
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1456
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....11/1999
FRU part number.....37L0063
FRU serial number.....1T94212241

SCSI channel 2

Type.....Hard disk drive
Channel.....2
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR521045
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR701790
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR691402
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A

Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR678806
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR578394
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR678317
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580451
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR702657
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594592

Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593150
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....2
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94920493
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1727
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0063
FRU serial number.....1T94920493

SCSI channel 3

Type.....Hard disk drive
Channel.....3
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR696506
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR600148
Firmware level.....B227
PFA error.....No

Write-cache mode.....Write through
Type.....Hard disk drive
Channel.....3
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR703988
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR684116
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR704041
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR704531
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR695280
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive

Channel.....3
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR699182
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR696050
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595598
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....3
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94212431
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1677
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....11/1999
FRU part number.....37L0063
FRU serial number.....1T94212431

SCSI channel 4

End of the configuration information for controller 2

Information for controller 3

Controller type.....ServeRAID-4H
BIOS version.....4.70.06
Firmware version.....joe.05
Physical slot.....12
Battery-backup cache.....Installed
Read-ahead cache mode.....Adaptive
Stripe-unit size.....64K
Rebuild rate.....High
Hot-swap rebuild.....Enabled
Data scrubbing.....Enabled
Auto-synchronization.....Enabled
Clustering.....Disabled
Unattended mode.....Disabled
Number of arrays.....2
Number of logical drives.....2
Number of hot-spare drives.....0
Number of ready drives.....0

Array A

Array identifier.....A
Array size in MB.....260355
Free space in MB.....15
Number of logical drives.....1
Number of physical drives.....15

Logical drives in array A

Logical drive.....1
Array letter.....A
State.....Okay
RAID level.....1E
Data space in MB.....130170
Parity space in MB.....130170
Date created.....12/15/00
Write-cache mode.....Write back
Merge group number.....207
Merge group state.....Non-shared

Physical drives in array A

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR675445
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593068
Firmware level.....B227

PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR713614
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR696104
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593296
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR769309
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR678323
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR696041
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593147
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR701200
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR599285
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR598945
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....2

Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593176
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR723640
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR701825
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Array B

Array identifier.....B
Array size in MB.....260355
Free space in MB.....15
Number of logical drives.....1
Number of physical drives.....15

Logical drives in array B

Logical drive.....2
Array letter.....B
State.....Okay
RAID level.....1E
Data space in MB.....130170
Parity space in MB.....130170
Date created.....12/15/00
Write-cache mode.....Write back
Merge group number.....207
Merge group state.....Non-shared

Physical drives in array B

Type.....Hard disk drive
Channel.....1
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203

Serial number.....LR678322
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR589165
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR684663
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR591188
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR699117
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR720965
Firmware level.....B227
PFA error.....No

Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR702864
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR634241
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR701684
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580323
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR695979
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive

Channel.....3
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR592822
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR678320
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR704848
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR579799
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

SCSI channel 1

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR675445
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593068
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR713614
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR696104
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593296
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR678322
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....9

Size in MB.....17357
 State.....Online
 Array letter.....B
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR589165
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

 Type.....Hard disk drive
 Channel.....1
 SCSI ID.....10
 Size in MB.....17357
 State.....Online
 Array letter.....B
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR684663
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

 Type.....Hard disk drive
 Channel.....1
 SCSI ID.....11
 Size in MB.....17357
 State.....Online
 Array letter.....B
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR591188
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

 Type.....Hard disk drive
 Channel.....1
 SCSI ID.....12
 Size in MB.....17357
 State.....Online
 Array letter.....B
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR699117
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

 Type.....Enclosure
 Channel.....1
 SCSI ID.....15
 Enclosure status.....Okay
 Fan 1 status.....Okay
 Fan 2 status.....Okay
 Power supply 1 status.....Okay
 Power supply 2 status.....Okay
 Temperature status.....Normal
 Vendor.....IBM
 Product or model number.....EXP200
 Serial number.....94614620
 Firmware level.....1020
 Enclosure ID.....0
 FRU type.....MIDPLANE
 FRU vendor.....IBM
 FRU date of manufacture.....12/1999
 FRU part number.....37L0061
 FRU serial number.....23A1681

FRU type.....ESM_CARD
 FRU vendor.....IBM
 FRU date of manufacture.....11/1999
 FRU part number.....37L0063
 FRU serial number.....1T94614620

 SCSI channel 2

 Type.....Hard disk drive
 Channel.....2
 SCSI ID.....0
 Size in MB.....17357
 State.....Online
 Array letter.....A
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR769309
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

 Type.....Hard disk drive
 Channel.....2
 SCSI ID.....1
 Size in MB.....17357
 State.....Online
 Array letter.....A
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR678323
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

 Type.....Hard disk drive
 Channel.....2
 SCSI ID.....2
 Size in MB.....17357
 State.....Online
 Array letter.....A
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR696041
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

 Type.....Hard disk drive
 Channel.....2
 SCSI ID.....3
 Size in MB.....17357
 State.....Online
 Array letter.....A
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR593147
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

 Type.....Hard disk drive
 Channel.....2
 SCSI ID.....4
 Size in MB.....17357
 State.....Online
 Array letter.....A
 Vendor.....IBM-PSG
 Product or model number.....ST318203

Serial number.....LR701200
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR720965
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR702864
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR634241
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR701684
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580323
Firmware level.....B227
PFA error.....No

Write-cache mode.....Write through

Type.....Enclosure
Channel.....2
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94614501
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1432
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....11/1999
FRU part number.....37L0063
FRU serial number.....1T94614501

SCSI channel 3

Type.....Hard disk drive
Channel.....3
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR599285
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR598945
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593176
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR723640
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR701825
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR695979
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR592822
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR678320
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....11

Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR704848
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR579799
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....3
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94212081
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1459
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....11/1999
FRU part number.....37L0063
FRU serial number.....1T94212081

SCSI channel 4

End of the configuration information for controller 3

Information for controller 4

Controller type.....ServeRAID-4H
BIOS version.....4.70.06
Firmware version.....joe.05
Physical slot.....1
Battery-backup cache.....Installed
Read-ahead cache mode.....Adaptive
Stripe-unit size.....64K
Rebuild rate.....High
Hot-swap rebuild.....Enabled
Data scrubbing.....Enabled
Auto-synchronization.....Enabled
Clustering.....Disabled

Unattended mode.....Disabled
Number of arrays.....2
Number of logical drives.....2
Number of hot-spare drives.....0
Number of ready drives.....0

Array A

Array identifier.....A
Array size in MB.....260355
Free space in MB.....15
Number of logical drives.....1
Number of physical drives.....15

Logical drives in array A

Logical drive.....1
Array letter.....A
State.....Okay
RAID level.....1E
Data space in MB.....130170
Parity space in MB.....130170
Date created.....12/15/00
Write-cache mode.....Write back
Merge group number.....207
Merge group state.....Non-shared

Physical drives in array A

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR678981
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR684664
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR762032
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR701600
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR695906
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR678475
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594735
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR583115
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2

SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR690440
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR766827
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768736
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR766292
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR592503
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....3
Size in MB.....17357
State.....Online

Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580478
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR769210
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Array B

Array identifier.....B
Array size in MB.....260355
Free space in MB.....15
Number of logical drives.....1
Number of physical drives.....15

Logical drives in array B

Logical drive.....2
Array letter.....B
State.....Okay
RAID level.....1E
Data space in MB.....130170
Parity space in MB.....130170
Date created.....12/15/00
Write-cache mode.....Write back
Merge group number.....207
Merge group state.....Non-shared

Physical drives in array B

Type.....Hard disk drive
Channel.....1
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594825
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594725
Firmware level.....B227

PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR695657
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR569421
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR565533
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR680266
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR700040
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR702450
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR678467
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR577997
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR759724
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR600239
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....10

Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR769370
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR569903
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR759631
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

SCSI channel 1

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR678981
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR684664
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1

SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR762032
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR701600
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR695906
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594825
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594725
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....10
Size in MB.....17357
State.....Online

Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR695657
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR569421
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR565533
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....1
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94718893
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1732
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0063
FRU serial number.....1T94718893

SCSI channel 2

Type.....Hard disk drive
Channel.....2
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG

Product or model number.....ST318203
Serial number.....LR678475
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594735
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR583115
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR690440
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR766827
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR680266
Firmware level.....B227

PFA error.....No
 Write-cache mode.....Write through

 Type.....Hard disk drive
 Channel.....2
 SCSI ID.....9
 Size in MB.....17357
 State.....Online
 Array letter.....B
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR700040
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

 Type.....Hard disk drive
 Channel.....2
 SCSI ID.....10
 Size in MB.....17357
 State.....Online
 Array letter.....B
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR702450
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

 Type.....Hard disk drive
 Channel.....2
 SCSI ID.....11
 Size in MB.....17357
 State.....Online
 Array letter.....B
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR678467
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

 Type.....Hard disk drive
 Channel.....2
 SCSI ID.....12
 Size in MB.....17357
 State.....Online
 Array letter.....B
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR577997
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

 Type.....Enclosure
 Channel.....2
 SCSI ID.....15
 Enclosure status.....Okay
 Fan 1 status.....Okay
 Fan 2 status.....Okay
 Power supply 1 status.....Okay
 Power supply 2 status.....Okay
 Temperature status.....Normal
 Vendor.....IBM
 Product or model number.....EXP200
 Serial number.....94920476
 Firmware level.....1020

Enclosure ID.....0
 FRU type.....MIDPLANE
 FRU vendor.....IBM
 FRU date of manufacture.....12/1999
 FRU part number.....37L0061
 FRU serial number.....23A1742
 FRU type.....ESM_CARD
 FRU vendor.....IBM
 FRU date of manufacture.....12/1999
 FRU part number.....37L0063
 FRU serial number.....1T94920476

 SCSI channel 3

 Type.....Hard disk drive
 Channel.....3
 SCSI ID.....0
 Size in MB.....17357
 State.....Online
 Array letter.....A
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR768736
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

 Type.....Hard disk drive
 Channel.....3
 SCSI ID.....1
 Size in MB.....17357
 State.....Online
 Array letter.....A
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR766292
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

 Type.....Hard disk drive
 Channel.....3
 SCSI ID.....2
 Size in MB.....17357
 State.....Online
 Array letter.....A
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR592503
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

 Type.....Hard disk drive
 Channel.....3
 SCSI ID.....3
 Size in MB.....17357
 State.....Online
 Array letter.....A
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR580478
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

 Type.....Hard disk drive
 Channel.....3

SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR769210
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR759724
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR600239
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR769370
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR569903
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....12
Size in MB.....17357
State.....Online

Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR759631
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....3
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94614611
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1680
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....11/1999
FRU part number.....37L0063
FRU serial number.....1T94614611

SCSI channel 4

End of the configuration information for controller 4

Information for controller 5

Controller type.....ServeRAID-4H
BIOS version.....4.70.06
Firmware version.....joe.05
Physical slot.....2
Battery-backup cache.....Installed
Read-ahead cache mode.....Adaptive
Stripe-unit size.....64K
Rebuild rate.....High
Hot-swap rebuild.....Enabled
Data scrubbing.....Enabled
Auto-synchronization.....Enabled
Clustering.....Disabled
Unattended mode.....Disabled
Number of arrays.....2
Number of logical drives.....2
Number of hot-spare drives.....0
Number of ready drives.....0

Array A

Array identifier.....A
Array size in MB.....260355
Free space in MB.....15
Number of logical drives.....1
Number of physical drives.....15

Logical drives in array A

Logical drive.....1
Array letter.....A
State.....Okay
RAID level.....1E
Data space in MB.....130170
Parity space in MB.....130170
Date created.....12/15/00
Write-cache mode.....Write back
Merge group number.....207
Merge group state.....Non-shared

Physical drives in array A

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR752492
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR735401
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR766197
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR769105
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive

Channel.....1
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593911
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595624
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594556
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR758784
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR695895
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....4
Size in MB.....17357

State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593565
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR762480
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768077
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR589133
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594818
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG

Product or model number.....ST318203
Serial number.....LR583612
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Array B

Array identifier.....B
Array size in MB.....260355
Free space in MB.....15
Number of logical drives.....1
Number of physical drives.....15

Logical drives in array B

Logical drive.....2
Array letter.....B
State.....Okay
RAID level.....1E
Data space in MB.....130170
Parity space in MB.....130170
Date created.....12/15/00
Write-cache mode.....Write back
Merge group number.....207
Merge group state.....Non-shared

Physical drives in array B

Type.....Hard disk drive
Channel.....1
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768674
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR582934
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR575390
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593918
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR766008
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR696877
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR769609
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR587676
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2

SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR589070
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR577283
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR588710
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594204
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595595
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....11
Size in MB.....17357
State.....Online

Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR599412
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR767125
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

SCSI channel 1

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR752492
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR735401
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR766197
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....17357

State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR769105
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593911
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768674
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR582934
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR575390
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG

Product or model number.....ST318203
Serial number.....LR593918
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR766008
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....1
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94007895
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1489
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....11/1999
FRU part number.....37L0063
FRU serial number.....1T94007895

SCSI channel 2

Type.....Hard disk drive
Channel.....2
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595624
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594556

Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR758784
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR695895
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593565
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR696877
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR769609
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR587676
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR589070
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR577283
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....2
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94614622
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1685
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....11/1999
FRU part number.....37L0063
FRU serial number.....1T94614622

SCSI channel 3

Type.....Hard disk drive

Channel.....3
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR762480
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768077
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR589133
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594818
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR583612
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....8
Size in MB.....17357

State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR588710
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594204
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595595
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR599412
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR767125
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....3
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay

Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94212079
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1449
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....11/1999
FRU part number.....37L0063
FRU serial number.....1T94212079

SCSI channel 4

End of the configuration information for controller 5

Information for controller 6

Controller type.....ServeRAID-4H
BIOS version.....4.70.06
Firmware version.....joe.05
Physical slot.....3
Battery-backup cache.....Installed
Read-ahead cache mode.....Adaptive
Stripe-unit size.....64K
Rebuild rate.....High
Hot-swap rebuild.....Enabled
Data scrubbing.....Disabled
Auto-synchronization.....Enabled
Clustering.....Disabled
Unattended mode.....Disabled
Number of arrays.....2
Number of logical drives.....2
Number of hot-spare drives.....0
Number of ready drives.....0

Array A

Array identifier.....A
Array size in MB.....260355
Free space in MB.....15
Number of logical drives.....1
Number of physical drives.....15

Logical drives in array A

Logical drive.....1
Array letter.....A
State.....Okay
RAID level.....1E
Data space in MB.....130170
Parity space in MB.....130170
Date created.....12/15/00
Write-cache mode.....Write back
Merge group number.....207
Merge group state.....Non-shared

Physical drives in array A

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR600262
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594703
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR506279
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR599069
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR762137
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....0

Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR744249
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR589274
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768592
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR769499
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR699015
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A

Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR759217
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594175
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR571155
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR599685
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580028
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Array B

Array identifier.....B
Array size in MB.....260355
Free space in MB.....15
Number of logical drives.....1
Number of physical drives.....15

Logical drives in array B

Logical drive.....2
Array letter.....B
State.....Okay
RAID level.....1E
Data space in MB.....130170
Parity space in MB.....130170
Date created.....12/15/00
Write-cache mode.....Write back
Merge group number.....207
Merge group state.....Non-shared

Physical drives in array B

Type.....Hard disk drive
Channel.....1
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR767323
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR766899
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768940
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR600159
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive

Channel.....1
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR744866
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594862
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR587620
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594627
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768975
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....12
Size in MB.....17357

State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR584280
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR600143
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR725164
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595709
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768623
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG

Product or model number.....ST318203
Serial number.....LR769438
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

SCSI channel 1

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR600262
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594703
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR506279
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR599069
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A

Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR762137
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR767323
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR766899
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768940
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR600159
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR744866

Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

Type.....Enclosure
 Channel.....1
 SCSI ID.....15
 Enclosure status.....Okay
 Fan 1 status.....Okay
 Fan 2 status.....Okay
 Power supply 1 status.....Okay
 Power supply 2 status.....Okay
 Temperature status.....Normal
 Vendor.....IBM
 Product or model number.....EXP200
 Serial number.....94211249
 Firmware level.....1020
 Enclosure ID.....0
 FRU type.....MIDPLANE
 FRU vendor.....IBM
 FRU date of manufacture.....12/1999
 FRU part number.....37L0061
 FRU serial number.....23A1450
 FRU type.....ESM_CARD
 FRU vendor.....IBM
 FRU date of manufacture.....11/1999
 FRU part number.....37L0063
 FRU serial number.....1T94211249

SCSI channel 2

 Type.....Hard disk drive
 Channel.....2
 SCSI ID.....0
 Size in MB.....17357
 State.....Online
 Array letter.....A
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR744249
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

Type.....Hard disk drive
 Channel.....2
 SCSI ID.....1
 Size in MB.....17357
 State.....Online
 Array letter.....A
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR589274
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

Type.....Hard disk drive
 Channel.....2
 SCSI ID.....2
 Size in MB.....17357
 State.....Online
 Array letter.....A
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR768592
 Firmware level.....B227
 PFA error.....No

Write-cache mode.....Write through

Type.....Hard disk drive
 Channel.....2
 SCSI ID.....3
 Size in MB.....17357
 State.....Online
 Array letter.....A
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR769499
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

Type.....Hard disk drive
 Channel.....2
 SCSI ID.....4
 Size in MB.....17357
 State.....Online
 Array letter.....A
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR699015
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

Type.....Hard disk drive
 Channel.....2
 SCSI ID.....8
 Size in MB.....17357
 State.....Online
 Array letter.....B
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR594862
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

Type.....Hard disk drive
 Channel.....2
 SCSI ID.....9
 Size in MB.....17357
 State.....Online
 Array letter.....B
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR587620
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

Type.....Hard disk drive
 Channel.....2
 SCSI ID.....10
 Size in MB.....17357
 State.....Online
 Array letter.....B
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR594627
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

Type.....Hard disk drive

Channel.....2
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768975
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR584280
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....2
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94212350
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1544
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....11/1999
FRU part number.....37L0063
FRU serial number.....1T94212350

SCSI channel 3

Type.....Hard disk drive
Channel.....3
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR759217
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....1

Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594175
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR571155
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR599685
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580028
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR600143
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B

Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR725164
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595709
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768623
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR769438
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....3
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94614442
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1584
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....11/1999

FRU part number.....37L0063
FRU serial number.....1T94614442

SCSI channel 4

End of the configuration information for controller 6

Information for controller 7

Controller type.....ServeRAID-4H
BIOS version.....4.70.06
Firmware version.....joe.05
Physical slot.....4
Battery-backup cache.....Installed
Read-ahead cache mode.....Adaptive
Stripe-unit size.....64K
Rebuild rate.....High
Hot-swap rebuild.....Enabled
Data scrubbing.....Enabled
Auto-synchronization.....Enabled
Clustering.....Disabled
Unattended mode.....Disabled
Number of arrays.....2
Number of logical drives.....2
Number of hot-spare drives.....0
Number of ready drives.....0

Array A

Array identifier.....A
Array size in MB.....260355
Free space in MB.....15
Number of logical drives.....1
Number of physical drives.....15

Logical drives in array A

Logical drive.....1
Array letter.....A
State.....Okay
RAID level.....1E
Data space in MB.....130170
Parity space in MB.....130170
Date created.....12/15/00
Write-cache mode.....Write back
Merge group number.....207
Merge group state.....Non-shared

Physical drives in array A

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580600
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1

SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594822
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR583952
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594908
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594648
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR766426
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....1
Size in MB.....17357
State.....Online

Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR766901
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR758476
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR759800
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR712141
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR740227
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203

Serial number.....LR737959
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR758352
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR757814
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580760
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Array B

Array identifier.....B
Array size in MB.....260355
Free space in MB.....15
Number of logical drives.....1
Number of physical drives.....15

Logical drives in array B

Logical drive.....2
Array letter.....B
State.....Okay
RAID level.....1E
Data space in MB.....130170
Parity space in MB.....130170
Date created.....12/15/00
Write-cache mode.....Write back
Merge group number.....207
Merge group state.....Non-shared

Physical drives in array B

Type.....Hard disk drive
Channel.....1
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595123
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR751181
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR589222
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR589121
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595013
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....8

Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR733219
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595279
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768887
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR697502
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768743
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B

Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR766557
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR592895
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR758670
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580392
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR762087
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

SCSI channel 1

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....17357
State.....Online

Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580600
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594822
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR583952
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594908
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594648
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203

Serial number.....LR595123
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR751181
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR589222
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR589121
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595013
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....1
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200

Serial number.....94212461
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1460
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....11/1999
FRU part number.....37L0063
FRU serial number.....1T94212461

SCSI channel 2

Type.....Hard disk drive
Channel.....2
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR766426
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR766901
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR758476
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR759800
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR712141
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR733219
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595279
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768887
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR697502
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....12

Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768743
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....2
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94614667
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1629
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....11/1999
FRU part number.....37L0063
FRU serial number.....1T94614667

SCSI channel 3

Type.....Hard disk drive
Channel.....3
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR740227
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR737959
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....2
Size in MB.....17357
State.....Online

Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR758352
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR757814
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580760
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR766557
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR592895
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203

Serial number.....LR758670
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580392
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR762087
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....3
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94614602
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1656
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....11/1999
FRU part number.....37L0063
FRU serial number.....1T94614602

SCSI channel 4

End of the configuration information for controller 7

Information for controller 8

Controller type.....ServeRAID-4H
BIOS version.....4.70.06
Firmware version.....joe.05
Physical slot.....6

Battery-backup cache.....Installed
Read-ahead cache mode.....Adaptive
Stripe-unit size.....64K
Rebuild rate.....High
Hot-swap rebuild.....Enabled
Data scrubbing.....Enabled
Auto-synchronization.....Enabled
Clustering.....Disabled
Unattended mode.....Disabled
Number of arrays.....2
Number of logical drives.....2
Number of hot-spare drives.....0
Number of ready drives.....0

Array A

Array identifier.....A
Array size in MB.....260355
Free space in MB.....15
Number of logical drives.....1
Number of physical drives.....15

Logical drives in array A

Logical drive.....1
Array letter.....A
State.....Okay
RAID level.....1E
Data space in MB.....130170
Parity space in MB.....130170
Date created.....12/15/00
Write-cache mode.....Write back
Merge group number.....207
Merge group state.....Non-shared

Physical drives in array A

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR587168
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR579779
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....2
Size in MB.....17357

State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595622
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR570897
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR746936
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR571167
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580340
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG

Product or model number.....ST318203
Serial number.....LR599315
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580491
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594712
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595608
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR716832
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580765
Firmware level.....B227

PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR578474
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595125
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Array B

Array identifier.....B
Array size in MB.....260355
Free space in MB.....15
Number of logical drives.....1
Number of physical drives.....15

Logical drives in array B

Logical drive.....2
Array letter.....B
State.....Okay
RAID level.....1E
Data space in MB.....130170
Parity space in MB.....130170
Date created.....12/15/00
Write-cache mode.....Write back
Merge group number.....207
Merge group state.....Non-shared

Physical drives in array B

Type.....Hard disk drive
Channel.....1
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593356
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1

SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR766289
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR600773
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR762502
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580538
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR569956
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....9
Size in MB.....17357
State.....Online

Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR750481
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593187
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR555947
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR732987
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768418
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203

Serial number.....LR580540
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594931
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR553744
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580342
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

SCSI channel 1

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR587168
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG

Product or model number.....ST318203
Serial number.....LR579779
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595622
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR570897
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR746936
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593356
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR766289
Firmware level.....B227

PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR600773
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR762502
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580538
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....1
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94008076
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1605
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....10/1999
FRU part number.....37L0063
FRU serial number.....1T94008076

SCSI channel 2

Type.....Hard disk drive
Channel.....2
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR571167
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580340
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR599315
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580491
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594712
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2

SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR569956
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR750481
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR593187
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR555947
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....2
SCSI ID.....12
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR732987
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....2
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay

Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....94614608
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1652
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....11/1999
FRU part number.....37L0063
FRU serial number.....1T94614608

SCSI channel 3

Type.....Hard disk drive
Channel.....3
SCSI ID.....0
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595608
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....1
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR716832
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....2
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580765
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....3
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG

Product or model number.....ST318203
Serial number.....LR578474
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....4
Size in MB.....17357
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR595125
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....8
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR768418
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....9
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR580540
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....10
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR594931
Firmware level.....B227
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....3
SCSI ID.....11
Size in MB.....17357
State.....Online
Array letter.....B
Vendor.....IBM-PSG
Product or model number.....ST318203
Serial number.....LR553744
Firmware level.....B227

PFA error.....No
 Write-cache mode.....Write through

Type.....Hard disk drive
 Channel.....3
 SCSI ID.....12
 Size in MB.....17357
 State.....Online
 Array letter.....B
 Vendor.....IBM-PSG
 Product or model number.....ST318203
 Serial number.....LR580342
 Firmware level.....B227
 PFA error.....No
 Write-cache mode.....Write through

Type.....Enclosure
 Channel.....3
 SCSI ID.....15
 Enclosure status.....Okay
 Fan 1 status.....Okay
 Fan 2 status.....Okay
 Power supply 1 status.....Okay
 Power supply 2 status.....Okay
 Temperature status.....Normal
 Vendor.....IBM
 Product or model number.....EXP200
 Serial number.....94212317
 Firmware level.....1020
 Enclosure ID.....0
 FRU type.....MIDPLANE
 FRU vendor.....IBM
 FRU date of manufacture.....12/1999
 FRU part number.....37L0061
 FRU serial number.....23A1500
 FRU type.....ESM_CARD
 FRU vendor.....IBM
 FRU date of manufacture.....11/1999
 FRU part number.....37L0063
 FRU serial number.....1T94212317

SCSI channel 4

End of the configuration information for controller 8

DTC Server Configuration

Software Configuration

This software configuration inventory was taken on 1 of 3 DTC servers. All 3 DTC servers are identically configured.

```
[boot loader]
timeout=30
default=multi(0)disk(0)rdisk(0)partition(1)\WINNT
```

```
[operating systems]
multi(0)disk(0)rdisk(0)partition(1)\WINNT="Microsoft Windows 2000 Advanced Server" /fastdetect
```

The DTC log size was set to 400MB for each DTC server. A local DTC coordinator was specified for each DTC server.

No applications were installed on the DTC servers

Hardware Configuration

This hardware configuration inventory was taken on 1 of 3 DTC servers. All 3 DTC servers are identically configured.

System Information report written at: 03/06/2001 02:47:19 PM
 [System Information]

[Following are sub-categories of this main category]

[System Summary]

Item	Value
OS Name	Microsoft Windows 2000 Advanced Server
Version	5.0.2195 Build 2195
OS Manufacturer	Microsoft Corporation
System Name	DTCSESV1
System Manufacturer	IBM
System Model	IBM Server -[8681]-
System Type	X86-based PC
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
Processor	x86 Family 6 Model 10 Stepping 4 GenuineIntel ~900 Mhz
BIOS Version	IBM BIOS Ver 6.0
Windows Directory	C:\WINNT
System Directory	C:\WINNT\System32
Boot Device	\Device\Harddisk0\Partition1
Locale	United States
User Name	DTCSESV1\tpcc
Time Zone	Eastern Standard Time
Total Physical Memory	523,816 KB
Available Physical Memory	365,840 KB
Total Virtual Memory	3,110,916 KB
Available Virtual Memory	2,815,312 KB
Page File Space	2,587,100 KB
Page File	C:\pagefile.sys

[Hardware Resources]

[Following are sub-categories of this main category]

[Conflicts/Sharing]

Resource	Device
IRQ 51	Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller
IRQ 51	Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller

[DMA]

Channel	Device	Status
2	Standard floppy disk controller	OK
4	Direct memory access controller	OK

[Forced Hardware]

Device PNP Device ID
No Forced Hardware

[I/O]

Address Range	Device	Status
0x0000-0x0CF7	PCI bus	OK
0x0000-0x0CF7	Direct memory access controller	OK
0x0D00-0x5FFF	PCI bus	OK
0x2000-0x20FF	Other PCI Bridge Device	OK
0x2180-0x218F	Other PCI Bridge Device	OK
0x03B0-0x03BB	S3 Inc. Trio3D	OK
0x03C0-0x03DF	S3 Inc. Trio3D	OK
0x2200-0x22FF	IBM ServeRAID 4H Controller	OK
0x2300-0x23FF	Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller	OK
0x2400-0x24FF	Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller	OK
0x0A79-0x0A79	ISAPNP Read Data Port	OK
0x0279-0x0279	ISAPNP Read Data Port	OK
0x02F4-0x02F7	ISAPNP Read Data Port	OK
0x002E-0x002F	Motherboard resources	OK
0x0438-0x0439	Motherboard resources	OK
0x0430-0x0437	Motherboard resources	OK
0x0060-0x0060	Standard 101/102-Key or Microsoft Natural PS/2 Keyboard	OK
0x0064-0x0064	Standard 101/102-Key or Microsoft Natural PS/2 Keyboard	OK
0x03F0-0x03F5	Standard floppy disk controller	OK
0x03F7-0x03F7	Standard floppy disk controller	OK
0x0378-0x037F	Printer Port (LPT1)	OK
0x03F8-0x03FF	Communications Port (COM1)	OK
0x02F8-0x02FF	Communications Port (COM2)	OK
0x0020-0x0021	Advanced programmable interrupt controller	OK
0x00A0-0x00A1	Advanced programmable interrupt controller	OK
0x0080-0x008F	Direct memory access controller	OK
0x00C0-0x00DF	Direct memory access controller	OK
0x0040-0x0043	System timer	OK
0x0070-0x0073	System CMOS/real time clock	OK
0x0061-0x0061	System speaker	OK
0x00F0-0x00FF	Numeric data processor	OK
0x04D0-0x04D1	Motherboard resources	OK
0x00E8-0x00EF	Motherboard resources	OK
0x5FF0-0x5FFF	Intel(r) 82371AB/EB PCI Bus Master IDE Controller	OK
0x01F0-0x01F7	Primary IDE Channel	OK
0x03F6-0x03F6	Primary IDE Channel	OK
0x5FC0-0x5FDF	Intel 82371AB/EB PCI to USB Universal Host Controller	OK
0x6000-0xAFFF	PCI bus	OK
0xB000-0xCFFF	PCI bus	OK
0xD000-0xFFFF	PCI bus	OK

[IRQs]

IRQ Number	Device
9	Microsoft ACPI-Compliant System
5	Other PCI Bridge Device
25	IBM ServeRAID 4H Controller
51	Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller
51	Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller
1	Standard 101/102-Key or Microsoft Natural PS/2 Keyboard
12	PS/2 Compatible Mouse
6	Standard floppy disk controller
4	Communications Port (COM1)

3	Communications Port (COM2)
8	System CMOS/real time clock
13	Numeric data processor
14	Primary IDE Channel
49	Intel 82371AB/EB PCI to USB Universal Host Controller
16	cLAN Host Adapter

[Memory]

Range	Device	Status
0xA0000-0xBFFFF	PCI bus	OK
0xA0000-0xBFFFF	S3 Inc. Trio3D	OK
0xC8000-0xDFFFF	PCI bus	OK
0xF000000-0xFBFFFFFF	PCI bus	OK
0xFEC00000-0xFFFFFFFF	PCI bus	OK
0xFEC00000-0xFFFFFFFF	Advanced programmable interrupt controller	OK
0xFBFFFC00-0xFBFFFCFF	Other PCI Bridge Device	OK
0xFBFE0000-0xFBFEFFFF	Other PCI Bridge Device	OK
0xF4000000-0xF7FFFFFF	S3 Inc. Trio3D	OK
0xFBEE0000-0xFBEEFFFF	IBM ServeRAID 4H Controller	OK
0xFBFFE000-0xFBFFEFFF	Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller	OK
0xFBFFD000-0xFBFFDFFF	Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller	OK
0xFC000000-0xFD7FFFFF	PCI bus	OK
0xFC000000-0xFD7FFFFF	cLAN Host Adapter	OK
0xFD7E0000-0xFD7FFFFF	cLAN Host Adapter	OK
0xFD400000-0xFD5FFFFF	cLAN Host Adapter	OK
0xFD7D0000-0xFD7DFFFF	cLAN Host Adapter	OK
0xFD800000-0xFE1FFFFF	PCI bus	OK
0xFE200000-0xFEBFFFFF	PCI bus	OK

[Components]

[Following are sub-categories of this main category]

[Multimedia]

[Following are sub-categories of this main category]

[Audio Codecs]

Codec Version	Manufacturer	Description	Status	File
c:\winnt\system32\msg711.acm	Microsoft Corporation			
OK	C:\WINNT\System32\MSG711.ACM	5.00.2134.1		
10.27 KB (10,512 bytes)		12/7/1999 6:00:00 AM		
c:\winnt\system32\tssoft32.acm	DSP GROUP, INC.		OK	
C:\WINNT\System32\TSSOFT32.ACM	1.01	9.27 KB (9,488 bytes)		
12/7/1999 6:00:00 AM				
c:\winnt\system32\msadp32.acm	Microsoft Corporation			
OK	C:\WINNT\System32\MSADP32.ACM	5.00.2134.1		
14.77 KB (15,120 bytes)		12/7/1999 6:00:00 AM		
c:\winnt\system32\msg723.acm	Microsoft Corporation			
OK	C:\WINNT\System32\MSG723.ACM	4.4.3385		
106.77 KB (109,328 bytes)		2/17/2001 12:49:02 PM		
c:\winnt\system32\iac25_32.ax	Intel Corporation	Indeo® audio software	OK	
C:\WINNT\System32\IAC25_32.AX		2.05.53		
195.00 KB (199,680 bytes)		12/7/1999 6:00:00 AM		
c:\winnt\system32\imaadp32.acm	Microsoft Corporation			
OK	C:\WINNT\System32\IMAADP32.ACM	5.00.2134.1		
16.27 KB (16,656 bytes)		12/7/1999 6:00:00 AM		
c:\winnt\system32\lhacm.acm	Microsoft Corporation			
OK	C:\WINNT\System32\LHACM.ACM	4.4.3385		
33.27 KB (34,064 bytes)		2/17/2001 12:49:03 PM		

c:\winnt\system32\msgsm32.acm Microsoft Corporation
 OK C:\WINNT\System32\MSGSM32.ACM 5.00.2134.1
 22.27 KB (22,800 bytes) 12/7/1999 6:00:00 AM

[Video Codecs]

Codec	Manufacturer	Description	Status	File
Version	Size	Creation Date		
c:\winnt\system32\ir50_32.dll	Intel Corporation	Indeo® video		
5.10	OK	C:\WINNT\System32\IR50_32.DLL		
R.5.10.15.2.55	737.50 KB (755,200 bytes)	12/7/1999		
6:00:00 AM				
c:\winnt\system32\msh261.drv	Microsoft Corporation			
OK	C:\WINNT\System32\MSH261.DRV	4.4.3385		
163.77 KB (167,696 bytes)	2/17/2001 12:49:03 PM			
c:\winnt\system32\msh263.drv	Microsoft Corporation			
OK	C:\WINNT\System32\MSH263.DRV	4.4.3385		
252.27 KB (258,320 bytes)	2/17/2001 12:48:37 PM			
c:\winnt\system32\msvidc32.dll	Microsoft Corporation			
OK	C:\WINNT\System32\MSVIDC32.DLL	5.00.2134.1		
27.27 KB (27,920 bytes)	12/7/1999 6:00:00 AM			
c:\winnt\system32\msrle32.dll	Microsoft Corporation			
OK	C:\WINNT\System32\MSRLE32.DLL	5.00.2134.1		
10.77 KB (11,024 bytes)	12/7/1999 6:00:00 AM			
c:\winnt\system32\ir32_32.dll	Intel(R) Corporation		OK	
C:\WINNT\System32\IR32_32.DLL	Not Available			
194.50 KB (199,168 bytes)	12/7/1999 6:00:00 AM			
c:\winnt\system32\iccvld.dll	Radius Inc.		OK	
C:\WINNT\System32\ICCVLD.DLL	1.10.0.6	108.00 KB		
(110,592 bytes)	12/7/1999 6:00:00 AM			

[CD-ROM]

Item	Value
Drive	D:
Description	CD-ROM Drive
Media Loaded	False
Media Type	CD-ROM
Name	LG CD-ROM CRD-8400B
Manufacturer	(Standard CD-ROM drives)
Status	OK
Transfer Rate	Not Available
SCSI Target ID	0
PNP Device ID	
IDE\CDROMLG_CD-ROM_CRD-8400B	1.
08____\4249204D393932303830202020202020202020	

[Sound Device]

Item	Value
No sound devices	

[Display]

Item	Value
Name	S3 Inc. Trio3D
PNP Device ID	
PCI\VEN_5333&DEV_8904&SUBSYS_00DB1014&REV_01\3&267A616A&0&20	
Adapter Type	S3 Trio3D, S3 compatible
Adapter Description	S3 Inc. Trio3D
Adapter RAM	4.00 MB (4,194,304 bytes)
Installed Drivers	s3mt3d.sys
Driver Version	5.01.526.0007
INF File	s3trio3d.inf (S3Inc section)
Color Planes	1
Color Table Entries	4294967296

Resolution 800 x 600 x 60 hertz
 Bits/Pixel 32

[Infrared]

Item	Value
No infrared devices	

[Input]

[Following are sub-categories of this main category]

[Keyboard]

Item	Value
Description	Standard 101/102-Key or Microsoft Natural
PS/2 Keyboard	
Name	Enhanced (101- or 102-key)
Layout	00000409
PNP Device ID	ACPI\PNP0303\4&43B47AD&0
NumberOfFunctionKeys	12

[Pointing Device]

Item	Value
Hardware Type	PS/2 Compatible Mouse
Number of Buttons	3
Status	OK
PNP Device ID	ACPI\PNP0F13\4&43B47AD&0
Power Management Supported	False
Double Click Threshold	6
Handedness	Right Handed Operation

[Modem]

Item	Value
No modems	

[Network]

[Following are sub-categories of this main category]

[Adapter]

Item	Value
Name	[00000000] RAS Async Adapter
Adapter Type	Not Available
Product Name	RAS Async Adapter
Installed	True
PNP Device ID	Not Available
Last Reset	2/28/2001 12:38:24 PM
Index	0
Service Name	AsyncMac
IP Address	Not Available
IP Subnet	Not Available
Default IP Gateway	Not Available
DHCP Enabled	False
DHCP Server	Not Available
DHCP Lease Expires	Not Available
DHCP Lease Obtained	Not Available
MAC Address	Not Available
Service Name	Not Available
Name	[00000001] WAN Miniport (L2TP)
Adapter Type	Not Available

Product Name WAN Miniport (L2TP)
 Installed True
 PNP Device ID ROOT\MS_L2TPMINIPORT\0000
 Last Reset 2/28/2001 12:38:24 PM
 Index 1
 Service Name Rasl2tp
 IP Address Not Available
 IP Subnet Not Available
 Default IP Gateway Not Available
 DHCP Enabled False
 DHCP Server Not Available
 DHCP Lease Expires Not Available
 DHCP Lease Obtained Not Available
 MAC Address Not Available
 Service Name Rasl2tp
 Driver c:\winnt\system32\drivers\rasl2tp.sys (50800, 5.00.2179.1)

Name [00000002] WAN Miniport (PPTP)
 Adapter Type Wide Area Network (WAN)
 Product Name WAN Miniport (PPTP)
 Installed True
 PNP Device ID ROOT\MS_PPTPMINIPORT\0000
 Last Reset 2/28/2001 12:38:24 PM
 Index 2
 Service Name PptpMiniport
 IP Address Not Available
 IP Subnet Not Available
 Default IP Gateway Not Available
 DHCP Enabled False
 DHCP Server Not Available
 DHCP Lease Expires Not Available
 DHCP Lease Obtained Not Available
 MAC Address 50:50:54:50:30:30
 Service Name PptpMiniport
 Driver c:\winnt\system32\drivers\raspptp.sys (47856, 5.00.2160.1)

Name [00000003] Direct Parallel
 Adapter Type Not Available
 Product Name Direct Parallel
 Installed True
 PNP Device ID ROOT\MS_PTIMINIPORT\0000
 Last Reset 2/28/2001 12:38:24 PM
 Index 3
 Service Name Raspti
 IP Address Not Available
 IP Subnet Not Available
 Default IP Gateway Not Available
 DHCP Enabled False
 DHCP Server Not Available
 DHCP Lease Expires Not Available
 DHCP Lease Obtained Not Available
 MAC Address Not Available
 Service Name Raspti
 Driver c:\winnt\system32\drivers\raspti.sys (16880, 5.00.2146.1)

Name [00000004] WAN Miniport (IP)
 Adapter Type Not Available
 Product Name WAN Miniport (IP)
 Installed True
 PNP Device ID ROOT\MS_NDISWANIP\0000
 Last Reset 2/28/2001 12:38:24 PM
 Index 4
 Service Name NdisWan
 IP Address Not Available
 IP Subnet Not Available
 Default IP Gateway Not Available
 DHCP Enabled False
 DHCP Server Not Available

DHCP Lease Expires Not Available
 DHCP Lease Obtained Not Available
 MAC Address Not Available
 Service Name NdisWan
 Driver c:\winnt\system32\drivers\ndiswan.sys (90768, 5.00.2184.1)

Name [00000005] cLAN Host Adapter
 Adapter Type Ethernet 802.3
 Product Name cLAN Host Adapter
 Installed True
 PNP Device ID PCI\VEN_135B&DEV_0001&SUBSYS_00000000&REV_00\3&172E68DD&0&08
 Last Reset 2/28/2001 12:38:24 PM
 Index 5
 Service Name GNINDIS
 IP Address 192.168.100.101
 IP Subnet 255.255.255.0
 Default IP Gateway Not Available
 DHCP Enabled False
 DHCP Server Not Available
 DHCP Lease Expires Not Available
 DHCP Lease Obtained Not Available
 MAC Address 00:90:FA:00:11:44
 Service Name GNINDIS
 IRQ Number 16
 Driver c:\winnt\system32\drivers\gnindis.sys (22598, 4.1.1)

[Protocol]

Item	Value
Name	MSAFD Tcpip [TCP/IP]
ConnectionlessService	False
GuaranteesDelivery	True
GuaranteesSequencing	True
MaximumAddressSize	16 bytes
MaximumMessageSize	0 bytes
MessageOriented	False
MinimumAddressSize	16 bytes
PseudoStreamOriented	False
SupportsBroadcasting	False
SupportsConnectData	False
SupportsDisconnectData	False
SupportsEncryption	False
SupportsExpeditedData	True
SupportsGracefulClosing	True
SupportsGuaranteedBandwidth	False
SupportsMulticasting	False
Name	MSAFD Tcpip [UDP/IP]
ConnectionlessService	True
GuaranteesDelivery	False
GuaranteesSequencing	False
MaximumAddressSize	16 bytes
MaximumMessageSize	65467 bytes
MessageOriented	True
MinimumAddressSize	16 bytes
PseudoStreamOriented	False
SupportsBroadcasting	True
SupportsConnectData	False
SupportsDisconnectData	False
SupportsEncryption	False
SupportsExpeditedData	False
SupportsGracefulClosing	False
SupportsGuaranteedBandwidth	False
SupportsMulticasting	True

Name	RSVP UDP Service Provider	MinimumAddressSize	20 bytes
ConnectionlessService	True	PseudoStreamOriented	False
GuaranteesDelivery	False	SupportsBroadcasting	True
GuaranteesSequencing	False	SupportsConnectData	False
MaximumAddressSize	16 bytes	SupportsDisconnectData	False
MaximumMessageSize	65467 bytes	SupportsEncryption	False
MessageOriented	True	SupportsExpeditedData	False
MinimumAddressSize	16 bytes	SupportsGracefulClosing	False
PseudoStreamOriented	False	SupportsGuaranteedBandwidth	False
SupportsBroadcasting	True	SupportsMulticasting	False
SupportsConnectData	False	Name	MSAFD NetBIOS
SupportsDisconnectData	False	[\\Device\\NetBT_Tcpip_{40DDEE24F-AB8B-48B9-8B8D-F0E347D43261}] SEQPACKET 1	
SupportsEncryption	True	ConnectionlessService	False
SupportsExpeditedData	False	GuaranteesDelivery	True
SupportsGracefulClosing	False	GuaranteesSequencing	True
SupportsGuaranteedBandwidth	False	MaximumAddressSize	20 bytes
SupportsMulticasting	True	MaximumMessageSize	64000 bytes
Name	RSVP TCP Service Provider	MessageOriented	True
ConnectionlessService	False	MinimumAddressSize	20 bytes
GuaranteesDelivery	True	PseudoStreamOriented	False
GuaranteesSequencing	True	SupportsBroadcasting	False
MaximumAddressSize	16 bytes	SupportsConnectData	False
MaximumMessageSize	0 bytes	SupportsDisconnectData	False
MessageOriented	False	SupportsEncryption	False
MinimumAddressSize	16 bytes	SupportsExpeditedData	False
PseudoStreamOriented	False	SupportsGracefulClosing	False
SupportsBroadcasting	False	SupportsGuaranteedBandwidth	False
SupportsConnectData	False	SupportsMulticasting	False
SupportsDisconnectData	False	Name	MSAFD NetBIOS
SupportsEncryption	True	[\\Device\\NetBT_Tcpip_{40DDEE24F-AB8B-48B9-8B8D-F0E347D43261}] DATAGRAM 1	
SupportsExpeditedData	True	ConnectionlessService	True
SupportsGracefulClosing	True	GuaranteesDelivery	False
SupportsGuaranteedBandwidth	False	GuaranteesSequencing	False
SupportsMulticasting	False	MaximumAddressSize	20 bytes
Name	MSAFD NetBIOS	MaximumMessageSize	64000 bytes
[\\Device\\NetBT_Tcpip_{21167DBF-AF45-4F45-AD48-D24E7D5A11C9}] SEQPACKET 0		MessageOriented	True
ConnectionlessService	False	MinimumAddressSize	20 bytes
GuaranteesDelivery	True	PseudoStreamOriented	False
GuaranteesSequencing	True	SupportsBroadcasting	True
MaximumAddressSize	20 bytes	SupportsConnectData	False
MaximumMessageSize	64000 bytes	SupportsDisconnectData	False
MessageOriented	True	SupportsEncryption	False
MinimumAddressSize	20 bytes	SupportsExpeditedData	False
PseudoStreamOriented	False	SupportsGracefulClosing	False
SupportsBroadcasting	False	SupportsGuaranteedBandwidth	False
SupportsConnectData	False	SupportsMulticasting	False
SupportsDisconnectData	False	Name	MSAFD NetBIOS
SupportsEncryption	False	[\\Device\\NetBT_Tcpip_{791936A8-C857-4151-A02A-EB495EC6F2FE}] SEQPACKET 2	
SupportsExpeditedData	False	ConnectionlessService	False
SupportsGracefulClosing	False	GuaranteesDelivery	True
SupportsGuaranteedBandwidth	False	GuaranteesSequencing	True
SupportsMulticasting	False	MaximumAddressSize	20 bytes
Name	MSAFD NetBIOS	MaximumMessageSize	64000 bytes
[\\Device\\NetBT_Tcpip_{21167DBF-AF45-4F45-AD48-D24E7D5A11C9}] DATAGRAM 0		MessageOriented	True
ConnectionlessService	True	MinimumAddressSize	20 bytes
GuaranteesDelivery	False	PseudoStreamOriented	False
GuaranteesSequencing	False	SupportsBroadcasting	False
MaximumAddressSize	20 bytes	SupportsConnectData	False
MaximumMessageSize	64000 bytes	SupportsDisconnectData	False
MessageOriented	True		

SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{791936A8-C857-4151-A02A-EB495EC6F2FE}] DATAGRAM 2

ConnectionlessService True
 GuaranteesDelivery False
 GuaranteesSequencing False
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting True
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

[WinSock]

Item Value
 File c:\\winnt\\system32\\winsock.dll
 Version 3.10
 Size 2.80 KB (2,864 bytes)

File c:\\winnt\\system32\\wsock32.dll
 Version 5.00.2152.1
 Size 21.27 KB (21,776 bytes)

[Ports]

[Following are sub-categories of this main category]

[Serial]

Item Value
 Name COM1
 Status OK
 PNP Device ID ACPI\\PNP0501\\1
 Maximum Input Buffer Size 0
 Maximum Output Buffer Size False
 Settable Baud Rate True
 Settable Data Bits True
 Settable Flow Control True
 Settable Parity True
 Settable Parity Check True
 Settable Stop Bits True
 Settable RLSD True
 Supports RLSD True
 Supports 16 Bit Mode False
 Supports Special Characters False
 Baud Rate 9600
 Bits/Byte 8
 Stop Bits 1
 Parity None
 Busy 0
 Abort Read/Write on Error 0

Binary Mode Enabled-1
 Continue XMit on XOff 0
 CTS Outflow Control 0
 Discard NULL Bytes 0
 DSR Outflow Control 0
 DSR Sensitivity 0
 DTR Flow Control Type Enable
 EOF Character 0
 Error Replace Character 0
 Error Replacement Enabled 0
 Event Character 0
 Parity Check Enabled 0
 RTS Flow Control Type Enable
 XOff Character 19
 XOffXMit Threshold 512
 XOn Character 17
 XOnXMit Threshold 2048
 XOnXOff InFlow Control 0
 XOnXOff OutFlow Control 0
 IRQ Number 4
 I/O Port 0x03F8-0x03FF
 Driver c:\\winnt\\system32\\drivers\\serial.sys (62448, 5.00.2134.1)

Name COM2
 Status OK
 PNP Device ID ACPI\\PNP0501\\2
 Maximum Input Buffer Size 0
 Maximum Output Buffer Size False
 Settable Baud Rate True
 Settable Data Bits True
 Settable Flow Control True
 Settable Parity True
 Settable Parity Check True
 Settable Stop Bits True
 Settable RLSD True
 Supports RLSD True
 Supports 16 Bit Mode False
 Supports Special Characters False
 Baud Rate 9600
 Bits/Byte 8
 Stop Bits 1
 Parity None
 Busy 0
 Abort Read/Write on Error 0
 Binary Mode Enabled-1
 Continue XMit on XOff 0
 CTS Outflow Control 0
 Discard NULL Bytes 0
 DSR Outflow Control 0
 DSR Sensitivity 0
 DTR Flow Control Type Enable
 EOF Character 0
 Error Replace Character 0
 Error Replacement Enabled 0
 Event Character 0
 Parity Check Enabled 0
 RTS Flow Control Type Enable
 XOff Character 19
 XOffXMit Threshold 512
 XOn Character 17
 XOnXMit Threshold 2048
 XOnXOff InFlow Control 0
 XOnXOff OutFlow Control 0
 IRQ Number 3
 I/O Port 0x02F8-0x02FF
 Driver c:\\winnt\\system32\\drivers\\serial.sys (62448, 5.00.2134.1)

[Parallel]

Item Value
 Name LPT1
 PNP Device ID ACPI\PNP0400\1

[Storage]

[Following are sub-categories of this main category]

[Drives]

Item Value
 Drive A:
 Description 3 1/2 Inch Floppy Drive

Drive C:
 Description Local Fixed Disk
 Compressed False
 File System NTFS
 Size 8.46 GB (9,088,901,120 bytes)
 Free Space 5.77 GB (6,195,757,056 bytes)
 Volume Name
 Volume Serial Number 38BCB48F
 Partition Disk #0, Partition #0
 Partition Size 8.46 GB (9,088,902,144 bytes)
 Starting Offset 32256 bytes
 Drive Description Disk drive
 Drive Manufacturer (Standard disk drives)
 Drive Model IBM-PSG ST39103LC !# SCSI Disk Device
 Drive BytesPerSector 512
 Drive MediaLoaded True
 Drive MediaType Fixed hard disk media
 Drive Partitions 1
 Drive SCSI Bus 0
 Drive SCSI Logical Unit 0
 Drive SCSI Port 2
 Drive SCSI Target ID 0
 Drive SectorsPerTrack 63
 Drive Size 9097159680 bytes
 Drive TotalCylinders 1106
 Drive TotalSectors 17767890
 Drive TotalTracks 282030
 Drive TracksPerCylinder 255

Drive E:
 Description Local Fixed Disk
 Compressed False
 File System NTFS
 Size 21.18 GB (22,742,863,872 bytes)
 Free Space 20.73 GB (22,255,153,152 bytes)
 Volume Name New Volume
 Volume Serial Number 087CBD58
 Partition Disk #1, Partition #0
 Partition Size 21.18 GB (22,742,866,944 bytes)
 Starting Offset 32256 bytes
 Drive Description Disk drive
 Drive Manufacturer (Standard disk drives)
 Drive Model IBM ServeRAID Failover Virtual Disk Device
 Drive BytesPerSector 512
 Drive MediaLoaded True
 Drive MediaType Fixed hard disk media
 Drive Partitions 1
 Drive SCSI Bus 0
 Drive SCSI Logical Unit 0
 Drive SCSI Port 3
 Drive SCSI Target ID 0

Drive SectorsPerTrack 63
 Drive Size 22742899200 bytes
 Drive TotalCylinders 2765
 Drive TotalSectors 44419725
 Drive TotalTracks 705075
 Drive TracksPerCylinder 255

[SCSI]

Item Value
 Name IBM ServeRAID 4H Controller
 Caption IBM ServeRAID 4H Controller
 Driver ipsraidn
 Status OK
 PNP Device ID
 PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&267
 A616A&0&50
 Device ID
 PCI\VEN_1014&DEV_002E&SUBSYS_022E1014&REV_10\3&267
 A616A&0&50
 Device Map Not Available
 Index Not Available
 Max Number Controlled Not Available
 IRQ Number 25
 I/O Port 0x2200-0x22FF
 Driver c:\winnt\system32\drivers\ipsraidn.sys (102807, 4.70.08)

Name Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller
 Caption Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller
 Driver aic78u2
 Status OK
 PNP Device ID
 PCI\VEN_9005&DEV_005F&SUBSYS_080F9005&REV_00\3&267
 A616A&0&70
 Device ID
 PCI\VEN_9005&DEV_005F&SUBSYS_080F9005&REV_00\3&267
 A616A&0&70
 Device Map Not Available
 Index Not Available
 Max Number Controlled Not Available
 IRQ Number 51
 I/O Port 0x2300-0x23FF
 Driver c:\winnt\system32\drivers\aic78u2.sys (65168, v3.00a)

Name Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller
 Caption Adaptec AIC-7896/AIC-7897 PCI Ultra2 SCSI Controller
 Driver aic78u2
 Status OK
 PNP Device ID
 PCI\VEN_9005&DEV_005F&SUBSYS_080F9005&REV_00\3&267
 A616A&0&71
 Device ID
 PCI\VEN_9005&DEV_005F&SUBSYS_080F9005&REV_00\3&267
 A616A&0&71
 Device Map Not Available
 Index Not Available
 Max Number Controlled Not Available
 IRQ Number 51
 I/O Port 0x2400-0x24FF
 Driver c:\winnt\system32\drivers\aic78u2.sys (65168, v3.00a)

Name IBM ServeRAID Failover Virtual Adapter
 Caption IBM ServeRAID Failover Virtual Adapter
 Driver twintail
 Status OK
 PNP Device ID ROOT\TWINTAIL\0000
 Device ID ROOT\TWINTAIL\0000

Device Map Not Available
Index Not Available
Max Number Controlled Not Available
Driver c:\winnt\system32\drivers\twintail.sys (26032, 4.70.06)

[Printing]

Name Port Name Server Name
No printing information

[Problem Devices]

Device	PNP Device ID	Error Code
Other PCI Bridge Device		
PCI\VEN_1014&DEV_00DC&SUBSYS_00DC1014&REV_02\3&267A616A&0&10	28	
Not Available	ACPI\IBM37D0\4&43B47AD&0	28

[USB]

Device	PNP Device ID
Intel 82371AB/EB PCI to USB Universal Host Controller	
PCI\VEN_8086&DEV_7112&SUBSYS_00000000&REV_01\3&267A616A&0&7A	
USB Root Hub	USB\ROOT_HUB\4&B5B4E1B&0

March 6, 2001 2:46:45 PM EST

Configuration summary

Server name.....dtserv1
ServeRAID Manager Version.....4.00.34
Number of controllers.....1
Operating system.....Windows NT
Device driver version.....4.70.08

Information for controller 1

Controller type.....ServeRAID-4H
BIOS version.....4.70.06
Firmware version.....joe.05
Physical slot.....10
Battery-backup cache.....Installed
Read-ahead cache mode.....Adaptive
Stripe-unit size.....64K
Rebuild rate.....High
Hot-swap rebuild.....Enabled
Data scrubbing.....Enabled
Auto-synchronization.....Enabled
Clustering.....Disabled
Unattended mode.....Disabled
Number of arrays.....1
Number of logical drives.....1
Number of hot-spare drives.....0
Number of ready drives.....0

Array A

Array identifier.....A
Array size in MB.....43390
Free space in MB.....0
Number of logical drives.....1
Number of physical drives.....5

Logical drives in array A

Logical drive.....1
Array letter.....A
State.....Okay
RAID level.....1E
Data space in MB.....21695
Parity space in MB.....21695
Date created.....2/17/01
Write-cache mode.....Write back
Merge group number.....207
Merge group state.....Non-shared

Physical drives in array A

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....8678
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST39103L
Serial number.....LS075504
Firmware level.....B222
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....1
Size in MB.....8678
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST39103L
Serial number.....LS055308
Firmware level.....B222
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....2
Size in MB.....8678
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST39103L
Serial number.....LS056771
Firmware level.....B222
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....8678
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST39103L
Serial number.....LS080038
Firmware level.....B222
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....4
Size in MB.....8678
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST39103L
Serial number.....LS066905
Firmware level.....B222
PFA error.....No
Write-cache mode.....Write through

SCSI channel 1

Type.....Hard disk drive
Channel.....1
SCSI ID.....0
Size in MB.....8678
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST39103L
Serial number.....LS075504
Firmware level.....B222
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....1
Size in MB.....8678
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST39103L
Serial number.....LS055308
Firmware level.....B222
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....2
Size in MB.....8678
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST39103L
Serial number.....LS056771
Firmware level.....B222
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....3
Size in MB.....8678
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST39103L
Serial number.....LS080038
Firmware level.....B222
PFA error.....No
Write-cache mode.....Write through

Type.....Hard disk drive
Channel.....1
SCSI ID.....4
Size in MB.....8678
State.....Online
Array letter.....A
Vendor.....IBM-PSG
Product or model number.....ST39103L
Serial number.....LS066905
Firmware level.....B222
PFA error.....No
Write-cache mode.....Write through

Type.....Enclosure
Channel.....1
SCSI ID.....15
Enclosure status.....Okay
Fan 1 status.....Okay
Fan 2 status.....Okay
Power supply 1 status.....Okay
Power supply 2 status.....Okay
Temperature status.....Normal
Vendor.....IBM
Product or model number.....EXP200
Serial number.....91961134
Firmware level.....1020
Enclosure ID.....0
FRU type.....MIDPLANE
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0061
FRU serial number.....23A1929
FRU type.....ESM_CARD
FRU vendor.....IBM
FRU date of manufacture.....12/1999
FRU part number.....37L0063
FRU serial number.....1T91961134

SCSI channel 2

SCSI channel 3

SCSI channel 4

End of the configuration information for controller 1

Client Configuration

Transaction Monitor: COM+ Settings on Clients

SYTPTUNE.TXT

Transaction Monitor: COM+ Settings on Clients

TPCC COM+ Component settings

TPCC.AllRemoteTxns.1

Activation

Enable Object pooling

Minimum pool size 7

"Last Counter"=dword:00000c70
 "Last Help"=dword:00000c71
 "First Counter"=dword:00000bcf
 "First Help"=dword:00000bcf
 "Library Validation
 Code"=hex:b0,e3,f5,d7,83,58,c0,01,10,3d,00,00,00,00,00,00
 "WbemAdapFileTime"=hex:00,20,2b,88,67,40,bf,01
 "WbemAdapFileSize"=dword:00003d10
 "WbemAdapStatus"=dword:00000000

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Security]
 "Security"=hex:01,00,14,80,a0,00,00,00,ac,00,00,00,14,00,00,00,30,0
 0,00,00,02,\

00,1c,00,01,00,00,00,02,80,14,00,ff,01,0f,00,01,01,00,00,00,00,01,
 00,00,\

00,00,02,00,70,00,04,00,00,00,00,00,18,00,fd,01,02,00,01,01,00,00,
 0,00,00,\

05,12,00,00,00,74,00,6f,00,00,00,1c,00,ff,01,0f,00,01,02,00,00,00,
 00,05,\

20,00,00,00,20,02,00,00,72,00,73,00,00,00,18,00,8d,01,02,00,01,01,
 0,00,00,\

00,00,05,0b,00,00,00,20,02,00,00,00,00,1c,00,fd,01,02,00,01,02,00,
 0,00,00,\

00,05,20,00,00,00,23,02,00,00,72,00,73,00,01,01,00,00,00,00,05,1
 2,00,00,\

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Enum]
 "0"="Root\LEGACY_W3SVC\0000"
 "Count"=dword:00000001
 "NextInstance"=dword:00000001

System Information Report for Software Configuration

This software configuration inventory was obtained from 1 of 96 clients.
 All 96 clients are identically configured.

System Information report written at: 03/05/2001 05:41:58 PM
 [System Summary]

Item	Value
OS Name	Microsoft Windows 2000 Server
Version	5.0.2195 Build 2195
OS Manufacturer	Microsoft Corporation
System Name	RTCLIENT02
System Manufacturer	IBM
System Model	Netfinity 5100 -[86582RY]-
System Type	X86-based PC
Processor	x86 Family 6 Model 8 Stepping 3 GenuineIntel ~731 Mhz
Processor	x86 Family 6 Model 8 Stepping 3 GenuineIntel ~731 Mhz
BIOS Version	IBM BIOS Ver 3.0
Windows Directory	C:\WINNT
System Directory	C:\WINNT\System32
Boot Device	\Device\Harddisk0\Partition1
Locale	United States

User Name	RTCLIENT02\tpcc
Time Zone	Eastern Standard Time
Total Physical Memory	523,796 KB
Available Physical Memory	422,772 KB
Total Virtual Memory	1,801,796 KB
Available Virtual Memory	1,619,864 KB
Page File Space	1,278,000 KB
Page File	C:\pagefile.sys

The SQL Server Client Utilities were installed on each client from Microsoft SQL Server Build 8.00.194. See the file syswfe_sql.v1.RTF for a screen capture of the client SQL code version.

System Information Report for Hardware Configuration

This hardware configuration inventory was obtained from 1 of 96 clients.
 All 96 clients are identically configured.

System Information report written at: 03/05/2001 05:32:34 PM
 [System Information]

[Following are sub-categories of this main category]

[System Summary]

Item	Value
OS Name	Microsoft Windows 2000 Server
Version	5.0.2195 Build 2195
OS Manufacturer	Microsoft Corporation
System Name	RTCLIENT02
System Manufacturer	IBM
System Model	Netfinity 5100 -[86582RY]-
System Type	X86-based PC
Processor	x86 Family 6 Model 8 Stepping 3 GenuineIntel ~731 Mhz
Processor	x86 Family 6 Model 8 Stepping 3 GenuineIntel ~731 Mhz
BIOS Version	IBM BIOS Ver 3.0
Windows Directory	C:\WINNT
System Directory	C:\WINNT\System32
Boot Device	\Device\Harddisk0\Partition1
Locale	United States
User Name	RTCLIENT02\tpcc
Time Zone	Eastern Standard Time
Total Physical Memory	523,796 KB
Available Physical Memory	427,168 KB
Total Virtual Memory	1,801,796 KB
Available Virtual Memory	1,632,624 KB
Page File Space	1,278,000 KB
Page File	C:\pagefile.sys

[Hardware Resources]

[Following are sub-categories of this main category]

[Conflicts/Sharing]

Resource	Device
No conflicted/shared resources	

[DMA]

Channel	Device	Status

```

2      Standard floppy disk controller  OK
4      Direct memory access controller OK

[Forced Hardware]

Device  PNP Device ID
No Forced Hardware

[I/O]

Address Range  Device  Status
0x0000-0x0CF7  PCI bus  OK
0x0000-0x0CF7  Direct memory access controller OK
0x0D00-0x4AEB  PCI bus  OK
0x82E8-0xFFFF  PCI bus  OK
0x03B0-0x03BB  S3 Inc. Savage4  OK
0x03C0-0x03DF  S3 Inc. Savage4  OK
0x2000-0x201F  IBM Netfinity Fault Tolerance PCI Adapter OK
0x0A79-0x0A79  ISAPNP Read Data Port  OK
0x0279-0x0279  ISAPNP Read Data Port  OK
0x02F4-0x02F7  ISAPNP Read Data Port  OK
0x0060-0x0060  Standard 101/102-Key or Microsoft Natural
PS/2 Keyboard  OK
0x0064-0x0064  Standard 101/102-Key or Microsoft Natural
PS/2 Keyboard  OK
0x03F0-0x03F5  Standard floppy disk controller  OK
0x03F7-0x03F7  Standard floppy disk controller  OK
0x0378-0x037F  Printer Port (LPT1)  OK
0x03F8-0x03FF  Communications Port (COM1)  OK
0x02F8-0x02FF  Communications Port (COM2)  OK
0x0020-0x0021  Advanced programmable interrupt controller
OK
0x00A0-0x00A1  Advanced programmable interrupt controller
OK
0x04D0-0x04D1  Advanced programmable interrupt controller
OK
0x0080-0x008F  Direct memory access controller OK
0x00C0-0x00DF  Direct memory access controller OK
0x0040-0x0043  System timer  OK
0x0070-0x0073  System CMOS/real time clock  OK
0x0061-0x0061  System speaker  OK
0x00F0-0x00FF  Numeric data processor  OK
0x0F50-0x0F58  Motherboard resources  OK
0xFD00-0xFD3F  Motherboard resources  OK
0xFE80-0xFEBF  Motherboard resources  OK
0xFEC0-0xFEDF  Motherboard resources  OK
0xEE9B-0xEE9B  Motherboard resources  OK
0x00E8-0x00E9  Not Available  OK
0x0840-0x084F  Standard Dual Channel PCI IDE Controller OK
0x01F0-0x01F7  Primary IDE Channel OK
0x03F6-0x03F6  Primary IDE Channel OK
0x0170-0x0177  Secondary IDE Channel  OK
0x0376-0x0376  Secondary IDE Channel  OK
0x4AEC-0x82E7  PCI bus  OK
0x4B00-0x4BFF  Adaptec AIC-7899 Ultra160/m PCI SCSI Card
OK
0x4C00-0x4CFF  Adaptec AIC-7899 Ultra160/m PCI SCSI Card
OK
0x7000-0x7FFF  DEC 21152 PCI to PCI bridge  OK
0x7100-0x711F  Intel(R) PRO/100+ Dual Port Server Adapter
OK
0x7120-0x713F  Intel(R) PRO/100+ Dual Port Server Adapter #2
OK
0x6000-0x6FFF  DEC 21152 PCI to PCI bridge  OK
0x6100-0x611F  Intel(R) PRO/100+ Dual Port Server Adapter #3
OK
0x6120-0x613F  Intel(R) PRO/100+ Dual Port Server Adapter #4
OK

```

```

0x5000-0x5FFF  DEC 21152 PCI to PCI bridge  OK
0x5100-0x511F  Intel(R) PRO/100+ Dual Port Server Adapter #5
OK
0x5120-0x513F  Intel(R) PRO/100+ Dual Port Server Adapter #6
OK

```

[IRQs]

```

IRQ Number  Device
30  Microsoft ACPI-Compliant System
31  S3 Inc. Savage4
27  IBM Netfinity Fault Tolerance PCI Adapter
1  Standard 101/102-Key or Microsoft Natural PS/2 Keyboard
12  PS/2 Compatible Mouse
6  Standard floppy disk controller
4  Communications Port (COM1)
3  Communications Port (COM2)
8  System CMOS/real time clock
13  Numeric data processor
5  Not Available
14  Primary IDE Channel
11  Standard OpenHCD USB Host Controller
28  Adaptec AIC-7899 Ultra160/m PCI SCSI Card
29  Adaptec AIC-7899 Ultra160/m PCI SCSI Card
20  Intel(R) PRO/100+ Dual Port Server Adapter
21  Intel(R) PRO/100+ Dual Port Server Adapter #2
22  Intel(R) PRO/100+ Dual Port Server Adapter #3
23  Intel(R) PRO/100+ Dual Port Server Adapter #4
24  Intel(R) PRO/100+ Dual Port Server Adapter #5
25  Intel(R) PRO/100+ Dual Port Server Adapter #6

```

[Memory]

```

Range  Device  Status
0xC8000-0xCFFFF  PCI bus  OK
0xC8000-0xCFFFF  System board  OK
0xF0000000-0xFEBFFFFFFF  PCI bus  OK
0xF0000000-0xFEBFFFFFFF  S3 Inc. Savage4  OK
0xFED00000-0xFEDFFFFFFF  PCI bus  OK
0xFEF00000-0xFFDFFFFFFF  PCI bus  OK
0xFEB80000-0xFEBFFFFFFF  S3 Inc. Savage4  OK
0xA0000-0xBFFFF  S3 Inc. Savage4  OK
0xFEB7FC00-0xFEB7FC1F  IBM Netfinity Fault Tolerance PCI
Adapter  OK
0xFEC00000-0xFECFFFFFFF  Advanced programmable interrupt
controller  OK
0xFEE00000-0xFEEFFFFFFF  Advanced programmable interrupt
controller  OK
0xFF700000-0xFF700FFF  Standard OpenHCD USB Host
Controller  OK
0xD0000-0xDFFFF  PCI bus  OK
0x20000000-0xEFFFFFFF  PCI bus  OK
0xEFFFF000-0xEFFFFFFF  Adaptec AIC-7899 Ultra160/m PCI
SCSI Card  OK
0xEFFFE000-0xEFFFEFFF  Adaptec AIC-7899 Ultra160/m PCI
SCSI Card  OK
0xEA000000-0xEBAFFFFFFF  DEC 21152 PCI to PCI bridge  OK
0xE8800000-0xE8FFFFFFF  DEC 21152 PCI to PCI bridge  OK
0xEBA00000-0xEBA00FFF  Intel(R) PRO/100+ Dual Port Server
Adapter  OK
0xEB800000-0xEB8FFFFFFF  Intel(R) PRO/100+ Dual Port Server
Adapter  OK
0xEBA01000-0xEBA01FFF  Intel(R) PRO/100+ Dual Port Server
Adapter #2  OK
0xEB900000-0xEB9FFFFFFF  Intel(R) PRO/100+ Dual Port Server
Adapter #2  OK
0xEC000000-0xEDAFFFFFFF  DEC 21152 PCI to PCI bridge  OK
0xE9000000-0xE97FFFFFFF  DEC 21152 PCI to PCI bridge  OK

```

0xEDA00000-0xEDA00FFF	Adapter #3	OK	Intel(R) PRO/100+ Dual Port Server
0xED800000-0xED8FFFFF	Adapter #3	OK	Intel(R) PRO/100+ Dual Port Server
0xEDA01000-0xEDA01FFF	Adapter #4	OK	Intel(R) PRO/100+ Dual Port Server
0xED900000-0xED9FFFFF	Adapter #4	OK	Intel(R) PRO/100+ Dual Port Server
0xEE000000-0xEEAFFFFF		OK	DEC 21152 PCI to PCI bridge
0xE9800000-0xE9FFFFFF		OK	DEC 21152 PCI to PCI bridge
0xEFA00000-0xEFA00FFF	Adapter #5	OK	Intel(R) PRO/100+ Dual Port Server
0xEF800000-0xEF8FFFFF	Adapter #5	OK	Intel(R) PRO/100+ Dual Port Server
0xEFA01000-0xEFA01FFF	Adapter #6	OK	Intel(R) PRO/100+ Dual Port Server
0xEF900000-0xEF9FFFFF	Adapter #6	OK	Intel(R) PRO/100+ Dual Port Server
0x0000-0x9FFFFF	System board	OK	
0x100000-0xFFFFFFFF	System board	OK	
0x1000000-0x1FFFFFFF	System board	OK	
0xE0000-0xFFFFFFFF	System board	OK	
0xFFFFE0000-0xFFFFFFFF	System board	OK	
0xCC000-0xCFFFFF	System board	OK	

[Components]

[Following are sub-categories of this main category]

[Multimedia]

[Following are sub-categories of this main category]

[Audio Codecs]

Codec Version	Manufacturer Size	Description Creation Date	Status	File
c:\winnt\system32\iac25_32.ax	Intel Corporation	Indeo® audio software	OK	C:\WINNT\System32\IAC25_32.AX
2.05.53	195.00 KB	(199,680 bytes)	12/7/1999 7:00:00 AM	
c:\winnt\system32\msg723.acm	Microsoft Corporation		OK	C:\WINNT\System32\MSG723.ACM
106.77 KB	(109,328 bytes)	8/24/2000 3:44:00 PM	4.4.3385	
c:\winnt\system32\lhacm.acm	Microsoft Corporation		OK	C:\WINNT\System32\LHACM.ACM
33.27 KB	(34,064 bytes)	8/24/2000 3:44:01 PM	4.4.3385	
c:\winnt\system32\tssoft32.acm	DSP GROUP, INC.		OK	C:\WINNT\System32\TSSOFT32.ACM
1.01	9.27 KB	(9,488 bytes)	12/7/1999 7:00:00 AM	
c:\winnt\system32\msgsm32.acm	Microsoft Corporation		OK	C:\WINNT\System32\MSGSM32.ACM
22.27 KB	(22,800 bytes)	12/7/1999 7:00:00 AM	5.00.2134.1	
c:\winnt\system32\msg711.acm	Microsoft Corporation		OK	C:\WINNT\System32\MSG711.ACM
10.27 KB	(10,512 bytes)	12/7/1999 7:00:00 AM	5.00.2134.1	
c:\winnt\system32\msadp32.acm	Microsoft Corporation		OK	C:\WINNT\System32\MSADP32.ACM
14.77 KB	(15,120 bytes)	12/7/1999 7:00:00 AM	5.00.2134.1	
c:\winnt\system32\imaadp32.acm	Microsoft Corporation		OK	C:\WINNT\System32\IMAADP32.ACM
5.00.2134.1	16.27 KB	(16,656 bytes)	12/7/1999 7:00:00 AM	

[Video Codecs]

Codec Version	Manufacturer Size	Description Creation Date	Status	File
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c:\winnt\system32\ir50_32.dll	Intel Corporation	Indeo® video	5.10	OK	C:\WINNT\System32\IR50_32.DLL
R.5.10.15.2.55	737.50 KB	(755,200 bytes)	12/7/1999 7:00:00 AM		
c:\winnt\system32\msrle32.dll	Microsoft Corporation		OK	C:\WINNT\System32\MSRLE32.DLL	5.00.2134.1
10.77 KB	(11,024 bytes)	12/7/1999 7:00:00 AM			
c:\winnt\system32\msh263.drv	Microsoft Corporation		OK	C:\WINNT\System32\MSH263.DRV	4.4.3385
252.27 KB	(258,320 bytes)	8/24/2000 3:43:29 PM			
c:\winnt\system32\msh261.drv	Microsoft Corporation		OK	C:\WINNT\System32\MSH261.DRV	4.4.3385
163.77 KB	(167,696 bytes)	8/24/2000 3:44:00 PM			
c:\winnt\system32\ir32_32.dll	Intel(R) Corporation		OK	C:\WINNT\System32\IR32_32.DLL	Not Available
194.50 KB	(199,168 bytes)	12/7/1999 7:00:00 AM			
c:\winnt\system32\msvidc32.dll	Microsoft Corporation		OK	C:\WINNT\System32\MSVIDC32.DLL	5.00.2134.1
27.27 KB	(27,920 bytes)	12/7/1999 7:00:00 AM			
c:\winnt\system32\iccvid.dll	Radius Inc.		OK	C:\WINNT\System32\ICCVID.DLL	1.10.0.6
108.00 KB	(110,592 bytes)	12/7/1999 7:00:00 AM			

[CD-ROM]

Item	Value
Drive	D:
Description	CD-ROM Drive
Media Loaded	False
Media Type	CD-ROM
Name	LITEON CD-ROM LTN403
Manufacturer	(Standard CD-ROM drives)
Status	OK
Transfer Rate	Not Available
SCSI Target ID	0
PNP Device ID	IDE\CDROMLITEON_CD-ROM_LTN403_____D
U26_____	\5&326853DD&0&0.0.0

[Sound Device]

Item	Value
No sound devices	

[Display]

Item	Value
Name	S3 Inc. Savage4
PNP Device ID	PCI\VEN_5333&DEV_8A22&SUBSYS_01C51014&REV_04\3&267A616A&0&08
Adapter Type	S3 Savage4, S3 compatible
Adapter Description	S3 Inc. Savage4
Adapter RAM	8.00 MB (8,388,608 bytes)
Installed Drivers	s3sav4.dll
Driver Version	5.01.840.0001
INF File	s3sav4.inf (S3Inc section)
Color Planes	1
Color Table Entries	4294967296
Resolution	800 x 600 x 60 hertz
Bits/Pixel	32

[Infrared]

Item	Value
No infrared devices	

[Input]

[Following are sub-categories of this main category]

[Keyboard]

Item	Value
Description	Standard 101/102-Key or Microsoft Natural PS/2 Keyboard
Name	Enhanced (101- or 102-key)
Layout	00000409
PNP Device ID	ACPI\PNP0303\4&F0B8F99&0
NumberOfFunctionKeys	12

[Pointing Device]

Item	Value
Hardware Type	PS/2 Compatible Mouse
Number of Buttons	3
Status	OK
PNP Device ID	ACPI\PNP0F13\4&F0B8F99&0
Power Management Supported	False
Double Click Threshold	6
Handedness	Right Handed Operation

[Modem]

Item	Value
Name	3Com Windows Modem PCI ADI
Description	3Com Windows Modem PCI ADI
Device ID	Modem0
Device Type	Internal Modem
Attached To	COM3
Answer Mode	Not Available
PNP Device ID	Not Available
ProviderName	3Com
ModemInfPath	mdm3cisa.inf
ModemInfSection	ADIPCI_Device
BlindOff	X4
BlindOn	X3
CompressionOff	&K0S15=128
CompressionOn	&K1
ErrorControlForced	&M5
ErrorControlOff	&M0S15=128
ErrorControlOn	&M4
FlowControlHard	&H1&R2&I0
FlowControlOff	&H0&R1&I0
FlowControlSoft	&H2&R1&I2
DCB	
Default	<
InactivityTimeout	0
ModulationBell	B1
ModulationCCITT	B0
Prefix	AT
Properties	b
Pulse	P
Reset	ATZ<cr>
ResponsesKeyName	3Com Windows Modem PCI ADI::3Com::3Com
SpeakerModeDial	M1
SpeakerModeOff	M0
SpeakerModeOn	M2
SpeakerModeSetup	M3
SpeakerVolumeHigh	L3
SpeakerVolumeLow	L0
SpeakerVolumeMed	L2

StringFormat	Not Available
Terminator	<cr>
Tone	T
Name	U.S. Robotics 56K FAX EXT PnP
Description	U.S. Robotics 56K FAX EXT PnP
Device ID	Modem1
Device Type	External Modem
Attached To	COM1
Answer Mode	Not Available
PNP Device ID	Not Available
ProviderName	3Com
ModemInfPath	mdm3com.inf
ModemInfSection	ModemPCMex
BlindOff	X4
BlindOn	X3
CompressionOff	&K0
CompressionOn	&K1
ErrorControlForced	&M5
ErrorControlOff	&M0
ErrorControlOn	&M4
FlowControlHard	&H1&R2&I0
FlowControlOff	&H0&I0&R1
FlowControlSoft	&H2&I2&R1
DCB	"
Default	<
InactivityTimeout	0
ModulationBell	B1
ModulationCCITT	B0
Prefix	AT
Properties	b
Pulse	P
Reset	AT&F1<cr>
ResponsesKeyName	U.S. Robotics 56K FAX EXT
PnP::3Com::3Com	
SpeakerModeDial	M1
SpeakerModeOff	M0
SpeakerModeOn	M2
SpeakerModeSetup	M3
SpeakerVolumeHigh	L3
SpeakerVolumeLow	L0
SpeakerVolumeMed	L2
StringFormat	Not Available
Terminator	<cr>
Tone	T

[Network]

[Following are sub-categories of this main category]

[Adapter]

Item	Value
Name	[00000000] IBM Netfinity Fault Tolerance PCI Adapter
Adapter Type	Ethernet 802.3
Product Name	IBM Netfinity Fault Tolerance PCI Adapter
Installed	True
PNP Device ID	PCI\VEN_1022&DEV_2000&SUBSYS_20001014&REV_44\3&267A616A&0&10
Last Reset	3/5/2001 12:23:09 PM
Index	0
Service Name	PCNet5
IP Address	192.6.1.18
IP Subnet	255.255.255.0
Default IP Gateway	Not Available
DHCP Enabled	False

DHCP Server Not Available
 DHCP Lease Expires Not Available
 DHCP Lease Obtained Not Available
 MAC Address 00:06:29:D5:77:83
 Service Name PCnet
 IRQ Number 27
 I/O Port 0x2000-0x201F
 Driver c:\winnt\system32\drivers\pcntn5m.sys (33811, 4.23.00)

Name [00000001] Intel(R) PRO/100+ Dual Port Server Adapter
 Adapter Type Ethernet 802.3
 Product Name Intel(R) PRO/100+ Dual Port Server Adapter
 Installed True
 PNP Device ID
 PCI\VEN_8086&DEV_1229&SUBSYS_10F08086&REV_05\4&15F5026D&0&2028
 Last Reset 3/5/2001 12:23:09 PM
 Index 1
 Service Name E100B
 IP Address 192.1.7.1
 IP Subnet 255.255.255.0
 Default IP Gateway Not Available
 DHCP Enabled False
 DHCP Server Not Available
 DHCP Lease Expires Not Available
 DHCP Lease Obtained Not Available
 MAC Address 00:90:27:EE:96:3E
 Service Name E100B
 IRQ Number 20
 I/O Port 0x7100-0x711F
 Driver c:\winnt\system32\drivers\e100bnt5.sys (80144, 4.01.67.0000)

Name [00000002] Intel(R) PRO/100+ Dual Port Server Adapter
 Adapter Type Ethernet 802.3
 Product Name Intel(R) PRO/100+ Dual Port Server Adapter
 Installed True
 PNP Device ID
 PCI\VEN_8086&DEV_1229&SUBSYS_10F08086&REV_05\4&15F5026D&0&2828
 Last Reset 3/5/2001 12:23:09 PM
 Index 2
 Service Name E100B
 IP Address 192.1.8.1
 IP Subnet 255.255.255.0
 Default IP Gateway Not Available
 DHCP Enabled False
 DHCP Server Not Available
 DHCP Lease Expires Not Available
 DHCP Lease Obtained Not Available
 MAC Address 00:90:27:EE:96:3F
 Service Name E100B
 IRQ Number 21
 I/O Port 0x7120-0x713F
 Driver c:\winnt\system32\drivers\e100bnt5.sys (80144, 4.01.67.0000)

Name [00000003] Intel(R) PRO/100+ Dual Port Server Adapter
 Adapter Type Ethernet 802.3
 Product Name Intel(R) PRO/100+ Dual Port Server Adapter
 Installed True
 PNP Device ID
 PCI\VEN_8086&DEV_1229&SUBSYS_10F08086&REV_05\4&3286C9C3&0&2030
 Last Reset 3/5/2001 12:23:09 PM
 Index 3
 Service Name E100B
 IP Address 192.1.9.1

IP Subnet 255.255.255.0
 Default IP Gateway Not Available
 DHCP Enabled False
 DHCP Server Not Available
 DHCP Lease Expires Not Available
 DHCP Lease Obtained Not Available
 MAC Address 00:90:27:EE:9B:B0
 Service Name E100B
 IRQ Number 22
 I/O Port 0x6100-0x611F
 Driver c:\winnt\system32\drivers\e100bnt5.sys (80144, 4.01.67.0000)

Name [00000004] Intel(R) PRO/100+ Dual Port Server Adapter
 Adapter Type Ethernet 802.3
 Product Name Intel(R) PRO/100+ Dual Port Server Adapter
 Installed True
 PNP Device ID
 PCI\VEN_8086&DEV_1229&SUBSYS_10F08086&REV_05\4&3286C9C3&0&2830
 Last Reset 3/5/2001 12:23:09 PM
 Index 4
 Service Name E100B
 IP Address 192.1.10.1
 IP Subnet 255.255.255.0
 Default IP Gateway Not Available
 DHCP Enabled False
 DHCP Server Not Available
 DHCP Lease Expires Not Available
 DHCP Lease Obtained Not Available
 MAC Address 00:90:27:EE:9B:B1
 Service Name E100B
 IRQ Number 23
 I/O Port 0x6120-0x613F
 Driver c:\winnt\system32\drivers\e100bnt5.sys (80144, 4.01.67.0000)

Name [00000005] Intel(R) PRO/100+ Dual Port Server Adapter
 Adapter Type Ethernet 802.3
 Product Name Intel(R) PRO/100+ Dual Port Server Adapter
 Installed True
 PNP Device ID
 PCI\VEN_8086&DEV_1229&SUBSYS_10F08086&REV_05\4&27ABF15E&0&2038
 Last Reset 3/5/2001 12:23:09 PM
 Index 5
 Service Name E100B
 IP Address 192.1.11.1
 IP Subnet 255.255.255.0
 Default IP Gateway Not Available
 DHCP Enabled False
 DHCP Server Not Available
 DHCP Lease Expires Not Available
 DHCP Lease Obtained Not Available
 MAC Address 00:90:27:FC:39:18
 Service Name E100B
 IRQ Number 24
 I/O Port 0x5100-0x511F
 Driver c:\winnt\system32\drivers\e100bnt5.sys (80144, 4.01.67.0000)

Name [00000006] Intel(R) PRO/100+ Dual Port Server Adapter
 Adapter Type Ethernet 802.3
 Product Name Intel(R) PRO/100+ Dual Port Server Adapter
 Installed True
 PNP Device ID
 PCI\VEN_8086&DEV_1229&SUBSYS_10F08086&REV_05\4&27ABF15E&0&2838

Last Reset 3/5/2001 12:23:09 PM
Index 6
Service Name E100B
IP Address 192.1.12.1
IP Subnet 255.255.255.0
Default IP Gateway Not Available
DHCP Enabled False
DHCP Server Not Available
DHCP Lease Expires Not Available
DHCP Lease Obtained Not Available
MAC Address 00:90:27:FC:39:19
Service Name E100B
IRQ Number 25
I/O Port 0x5120-0x513F
Driver c:\winnt\system32\drivers\e100bnt5.sys (80144, 4.01.67.0000)

Name [00000007] RAS Async Adapter
Adapter Type Not Available
Product Name RAS Async Adapter
Installed True
PNP Device ID Not Available
Last Reset 3/5/2001 12:23:09 PM
Index 7
Service Name AsyncMac
IP Address Not Available
IP Subnet Not Available
Default IP Gateway Not Available
DHCP Enabled False
DHCP Server Not Available
DHCP Lease Expires Not Available
DHCP Lease Obtained Not Available
MAC Address Not Available
Service Name Not Available

Name [00000008] WAN Miniport (L2TP)
Adapter Type Not Available
Product Name WAN Miniport (L2TP)
Installed True
PNP Device ID ROOT\MS_L2TPMINIPORT\0000
Last Reset 3/5/2001 12:23:09 PM
Index 8
Service Name Rasl2tp
IP Address Not Available
IP Subnet Not Available
Default IP Gateway Not Available
DHCP Enabled False
DHCP Server Not Available
DHCP Lease Expires Not Available
DHCP Lease Obtained Not Available
MAC Address Not Available
Service Name Rasl2tp
Driver c:\winnt\system32\drivers\rasl2tp.sys (50800, 5.00.2179.1)

Name [00000009] WAN Miniport (PPTP)
Adapter Type Wide Area Network (WAN)
Product Name WAN Miniport (PPTP)
Installed True
PNP Device ID ROOT\MS_PPTPMINIPORT\0000
Last Reset 3/5/2001 12:23:09 PM
Index 9
Service Name PptpMiniport
IP Address Not Available
IP Subnet Not Available
Default IP Gateway Not Available
DHCP Enabled False
DHCP Server Not Available
DHCP Lease Expires Not Available

DHCP Lease Obtained Not Available
MAC Address 50:50:54:50:30:30
Service Name PptpMiniport
Driver c:\winnt\system32\drivers\rasptp.sys (47856, 5.00.2160.1)

Name [00000010] Direct Parallel
Adapter Type Not Available
Product Name Direct Parallel
Installed True
PNP Device ID ROOT\MS_PTMINIPORT\0000
Last Reset 3/5/2001 12:23:09 PM
Index 10
Service Name Raspti
IP Address Not Available
IP Subnet Not Available
Default IP Gateway Not Available
DHCP Enabled False
DHCP Server Not Available
DHCP Lease Expires Not Available
DHCP Lease Obtained Not Available
MAC Address Not Available
Service Name Raspti
Driver c:\winnt\system32\drivers\raspti.sys (16880, 5.00.2146.1)

Name [00000011] WAN Miniport (IP)
Adapter Type Not Available
Product Name WAN Miniport (IP)
Installed True
PNP Device ID ROOT\MS_NDISWANIP\0000
Last Reset 3/5/2001 12:23:09 PM
Index 11
Service Name NdisWan
IP Address Not Available
IP Subnet Not Available
Default IP Gateway Not Available
DHCP Enabled False
DHCP Server Not Available
DHCP Lease Expires Not Available
DHCP Lease Obtained Not Available
MAC Address Not Available
Service Name NdisWan
Driver c:\winnt\system32\drivers\ndiswan.sys (90768, 5.00.2184.1)

Name [00000012] Intel(R) PRO/100+ Dual Port Server Adapter
Adapter Type Not Available
Product Name Intel(R) PRO/100+ Dual Port Server Adapter
Installed True
PNP Device ID Not Available
Last Reset 3/5/2001 12:23:09 PM
Index 12
Service Name E100B
IP Address Not Available
IP Subnet Not Available
Default IP Gateway Not Available
DHCP Enabled True
DHCP Server Not Available
DHCP Lease Expires Not Available
DHCP Lease Obtained Not Available
MAC Address Not Available
Service Name Not Available

Name [00000013] Intel(R) PRO/100+ Dual Port Server Adapter
Adapter Type Not Available
Product Name Intel(R) PRO/100+ Dual Port Server Adapter
Installed True
PNP Device ID Not Available
Last Reset 3/5/2001 12:23:09 PM

Index 13
 Service Name E100B
 IP Address 192.6.1.18
 IP Subnet 255.255.255.0
 Default IP Gateway Not Available
 DHCP Enabled True
 DHCP Server
 DHCP Lease Expires Not Available
 DHCP Lease Obtained Not Available
 MAC Address 00:06:29:D5:77:83
 Service Name Not Available

[Protocol]

Item	Value
Name	MSAFD Tcpi [TCP/IP]
ConnectionlessService	False
GuaranteesDelivery	True
GuaranteesSequencing	True
MaximumAddressSize	16 bytes
MaximumMessageSize	0 bytes
MessageOriented	False
MinimumAddressSize	16 bytes
PseudoStreamOriented	False
SupportsBroadcasting	False
SupportsConnectData	False
SupportsDisconnectData	False
SupportsEncryption	False
SupportsExpeditedData	True
SupportsGracefulClosing	True
SupportsGuaranteedBandwidth	False
SupportsMulticasting	False

Name	MSAFD Tcpi [UDP/IP]
ConnectionlessService	True
GuaranteesDelivery	False
GuaranteesSequencing	False
MaximumAddressSize	16 bytes
MaximumMessageSize	65467 bytes
MessageOriented	True
MinimumAddressSize	16 bytes
PseudoStreamOriented	False
SupportsBroadcasting	True
SupportsConnectData	False
SupportsDisconnectData	False
SupportsEncryption	False
SupportsExpeditedData	False
SupportsGracefulClosing	False
SupportsGuaranteedBandwidth	False
SupportsMulticasting	True

Name	RSVP UDP Service Provider
ConnectionlessService	True
GuaranteesDelivery	False
GuaranteesSequencing	False
MaximumAddressSize	16 bytes
MaximumMessageSize	65467 bytes
MessageOriented	True
MinimumAddressSize	16 bytes
PseudoStreamOriented	False
SupportsBroadcasting	True
SupportsConnectData	False
SupportsDisconnectData	False
SupportsEncryption	True
SupportsExpeditedData	False
SupportsGracefulClosing	False
SupportsGuaranteedBandwidth	False

SupportsMulticasting	True
Name	RSVP TCP Service Provider
ConnectionlessService	False
GuaranteesDelivery	True
GuaranteesSequencing	True
MaximumAddressSize	16 bytes
MaximumMessageSize	0 bytes
MessageOriented	False
MinimumAddressSize	16 bytes
PseudoStreamOriented	False
SupportsBroadcasting	False
SupportsConnectData	False
SupportsDisconnectData	False
SupportsEncryption	True
SupportsExpeditedData	True
SupportsGracefulClosing	True
SupportsGuaranteedBandwidth	False
SupportsMulticasting	False

Name	MSAFD NetBIOS
[\\Device\\NetBT_Tcpi_{A0002A43-3B3B-4624-9900-1BB24D86C448}] SEQUENCEPACKET 10	
ConnectionlessService	False
GuaranteesDelivery	True
GuaranteesSequencing	True
MaximumAddressSize	20 bytes
MaximumMessageSize	64000 bytes
MessageOriented	True
MinimumAddressSize	20 bytes
PseudoStreamOriented	False
SupportsBroadcasting	False
SupportsConnectData	False
SupportsDisconnectData	False
SupportsEncryption	False
SupportsExpeditedData	False
SupportsGracefulClosing	False
SupportsGuaranteedBandwidth	False
SupportsMulticasting	False

Name	MSAFD NetBIOS
[\\Device\\NetBT_Tcpi_{A0002A43-3B3B-4624-9900-1BB24D86C448}] DATAGRAM 10	
ConnectionlessService	True
GuaranteesDelivery	False
GuaranteesSequencing	False
MaximumAddressSize	20 bytes
MaximumMessageSize	64000 bytes
MessageOriented	True
MinimumAddressSize	20 bytes
PseudoStreamOriented	False
SupportsBroadcasting	True
SupportsConnectData	False
SupportsDisconnectData	False
SupportsEncryption	False
SupportsExpeditedData	False
SupportsGracefulClosing	False
SupportsGuaranteedBandwidth	False
SupportsMulticasting	False

Name	MSAFD NetBIOS
[\\Device\\NetBT_Tcpi_{71E47429-1922-473C-BAD4-293446B8330D}] SEQUENCEPACKET 9	
ConnectionlessService	False
GuaranteesDelivery	True

GuaranteesSequencing True
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting False
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{71E47429-1922-473C-BAD4-293446B8330D}] DATAGRAM 9
 ConnectionlessService True
 GuaranteesDelivery False
 GuaranteesSequencing False
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting True
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{E27E7E51-7F48-467C-AE8A-CE4BD42A72CA}] SEQUENCE 0
 ConnectionlessService False
 GuaranteesDelivery True
 GuaranteesSequencing True
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting False
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{E27E7E51-7F48-467C-AE8A-CE4BD42A72CA}] DATAGRAM 0
 ConnectionlessService True
 GuaranteesDelivery False
 GuaranteesSequencing False
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes

PseudoStreamOriented False
 SupportsBroadcasting True
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{382205FA-9666-48B6-8057-8BE0D9A10729}] SEQUENCE 1
 ConnectionlessService False
 GuaranteesDelivery True
 GuaranteesSequencing True
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting False
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{382205FA-9666-48B6-8057-8BE0D9A10729}] DATAGRAM 1
 ConnectionlessService True
 GuaranteesDelivery False
 GuaranteesSequencing False
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting True
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{51B7711C-5716-4D5D-B91B-89A576C82962}] SEQUENCE 2
 ConnectionlessService False
 GuaranteesDelivery True
 GuaranteesSequencing True
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting False
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False

SupportsExpeditedData False
SupportsGracefulClosing False
SupportsGuaranteedBandwidth False
SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{51B7711C-5716-4D5D-B91B-89A576C82962}] DATAGRAM 2
ConnectionlessService True
GuaranteesDelivery False
GuaranteesSequencing False
MaximumAddressSize 20 bytes
MaximumMessageSize 64000 bytes
MessageOriented True
MinimumAddressSize 20 bytes
PseudoStreamOriented False
SupportsBroadcasting True
SupportsConnectData False
SupportsDisconnectData False
SupportsEncryption False
SupportsExpeditedData False
SupportsGracefulClosing False
SupportsGuaranteedBandwidth False
SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{43CB931E-C90D-475C-9CAA-FF9812C70086}] SEQPACKET 3
ConnectionlessService False
GuaranteesDelivery True
GuaranteesSequencing True
MaximumAddressSize 20 bytes
MaximumMessageSize 64000 bytes
MessageOriented True
MinimumAddressSize 20 bytes
PseudoStreamOriented False
SupportsBroadcasting False
SupportsConnectData False
SupportsDisconnectData False
SupportsEncryption False
SupportsExpeditedData False
SupportsGracefulClosing False
SupportsGuaranteedBandwidth False
SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{43CB931E-C90D-475C-9CAA-FF9812C70086}] DATAGRAM 3
ConnectionlessService True
GuaranteesDelivery False
GuaranteesSequencing False
MaximumAddressSize 20 bytes
MaximumMessageSize 64000 bytes
MessageOriented True
MinimumAddressSize 20 bytes
PseudoStreamOriented False
SupportsBroadcasting True
SupportsConnectData False
SupportsDisconnectData False
SupportsEncryption False
SupportsExpeditedData False
SupportsGracefulClosing False
SupportsGuaranteedBandwidth False
SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{DEE0939D-006C-4A4D-8562-1F194D19A758}] SEQPACKET 4
ConnectionlessService False
GuaranteesDelivery True
GuaranteesSequencing True
MaximumAddressSize 20 bytes
MaximumMessageSize 64000 bytes
MessageOriented True
MinimumAddressSize 20 bytes
PseudoStreamOriented False
SupportsBroadcasting False
SupportsConnectData False
SupportsDisconnectData False
SupportsEncryption False
SupportsExpeditedData False
SupportsGracefulClosing False
SupportsGuaranteedBandwidth False
SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{DEE0939D-006C-4A4D-8562-1F194D19A758}] DATAGRAM 4
ConnectionlessService True
GuaranteesDelivery False
GuaranteesSequencing False
MaximumAddressSize 20 bytes
MaximumMessageSize 64000 bytes
MessageOriented True
MinimumAddressSize 20 bytes
PseudoStreamOriented False
SupportsBroadcasting True
SupportsConnectData False
SupportsDisconnectData False
SupportsEncryption False
SupportsExpeditedData False
SupportsGracefulClosing False
SupportsGuaranteedBandwidth False
SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{B844D407-10F6-48EC-A318-2F0684C97622}] SEQPACKET 5
ConnectionlessService False
GuaranteesDelivery True
GuaranteesSequencing True
MaximumAddressSize 20 bytes
MaximumMessageSize 64000 bytes
MessageOriented True
MinimumAddressSize 20 bytes
PseudoStreamOriented False
SupportsBroadcasting False
SupportsConnectData False
SupportsDisconnectData False
SupportsEncryption False
SupportsExpeditedData False
SupportsGracefulClosing False
SupportsGuaranteedBandwidth False
SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{B844D407-10F6-48EC-A318-2F0684C97622}] DATAGRAM 5
ConnectionlessService True

GuaranteesDelivery False
 GuaranteesSequencing False
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting True
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{3D4874F5-B3F5-46CC-971E-8417C74F722}]] SEQPACKET 6
 ConnectionlessService False
 GuaranteesDelivery True
 GuaranteesSequencing True
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting False
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{3D4874F5-B3F5-46CC-971E-8417C74F722}]] DATAGRAM 6
 ConnectionlessService True
 GuaranteesDelivery False
 GuaranteesSequencing False
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting True
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{97BE54C2-5CD7-41B5-92D2-5E2A10F376D7}]] SEQPACKET 7
 ConnectionlessService False
 GuaranteesDelivery True
 GuaranteesSequencing True
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True

MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting False
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{97BE54C2-5CD7-41B5-92D2-5E2A10F376D7}]] DATAGRAM 7
 ConnectionlessService True
 GuaranteesDelivery False
 GuaranteesSequencing False
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting True
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{B71D38CE-D026-4A75-A265-AF35F16F7BDC}]] SEQPACKET 8
 ConnectionlessService False
 GuaranteesDelivery True
 GuaranteesSequencing True
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting False
 SupportsConnectData False
 SupportsDisconnectData False
 SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

Name MSAFD NetBIOS

[\\Device\\NetBT_Tcpip_{B71D38CE-D026-4A75-A265-AF35F16F7BDC}]] DATAGRAM 8
 ConnectionlessService True
 GuaranteesDelivery False
 GuaranteesSequencing False
 MaximumAddressSize 20 bytes
 MaximumMessageSize 64000 bytes
 MessageOriented True
 MinimumAddressSize 20 bytes
 PseudoStreamOriented False
 SupportsBroadcasting True
 SupportsConnectData False
 SupportsDisconnectData False

SupportsEncryption False
 SupportsExpeditedData False
 SupportsGracefulClosing False
 SupportsGuaranteedBandwidth False
 SupportsMulticasting False

[WinSock]

Item	Value
File	c:\winnt\system32\winsock.dll
Version	3.10
Size	2.80 KB (2,864 bytes)
File	c:\winnt\system32\wsock32.dll
Version	5.00.2152.1
Size	21.27 KB (21,776 bytes)

[Ports]

[Following are sub-categories of this main category]

[Serial]

Item	Value
Name	COM1
Status	OK
PNP Device ID	ACPI\PNP0501\1
Maximum Input Buffer Size	0
Maximum Output Buffer Size	False
Settable Baud Rate	True
Settable Data Bits	True
Settable Flow Control	True
Settable Parity	True
Settable Parity Check	True
Settable Stop Bits	True
Settable RLSD	True
Supports RLSD	True
Supports 16 Bit Mode	False
Supports Special Characters	False
Baud Rate	9600
Bits/Byte	8
Stop Bits	1
Parity	None
Busy	0
Abort Read/Write on Error	0
Binary Mode Enabled -1	0
Continue XMit on XOff	0
CTS Outflow Control	0
Discard NULL Bytes	0
DSR Outflow Control	0
DSR Sensitivity	0
DTR Flow Control Type	Enable
EOF Character	0
Error Replace Character	0
Error Replacement Enabled	0
Event Character	0
Parity Check Enabled	0
RTS Flow Control Type	Enable
XOff Character	19
XOffXMit Threshold	512
XOn Character	17
XOnXMit Threshold	2048
XOnXOff InFlow Control	0
XOnXOff OutFlow Control	0
IRQ Number	4
I/O Port	0x03F8-0x03FF

Driver c:\winnt\system32\drivers\serial.sys (62448, 5.00.2134.1)

Name	COM2
Status	OK
PNP Device ID	ACPI\PNP0501\2
Maximum Input Buffer Size	0
Maximum Output Buffer Size	False
Settable Baud Rate	True
Settable Data Bits	True
Settable Flow Control	True
Settable Parity	True
Settable Parity Check	True
Settable Stop Bits	True
Settable RLSD	True
Supports RLSD	True
Supports 16 Bit Mode	False
Supports Special Characters	False
Baud Rate	9600
Bits/Byte	8
Stop Bits	1
Parity	None
Busy	0
Abort Read/Write on Error	0
Binary Mode Enabled -1	0
Continue XMit on XOff	0
CTS Outflow Control	0
Discard NULL Bytes	0
DSR Outflow Control	0
DSR Sensitivity	0
DTR Flow Control Type	Enable
EOF Character	0
Error Replace Character	0
Error Replacement Enabled	0
Event Character	0
Parity Check Enabled	0
RTS Flow Control Type	Enable
XOff Character	19
XOffXMit Threshold	512
XOn Character	17
XOnXMit Threshold	2048
XOnXOff InFlow Control	0
XOnXOff OutFlow Control	0
IRQ Number	3
I/O Port	0x02F8-0x02FF
Driver	c:\winnt\system32\drivers\serial.sys (62448, 5.00.2134.1)

[Parallel]

Item	Value
Name	LPT1
PNP Device ID	ACPI\PNP0400\1

[Storage]

[Following are sub-categories of this main category]

[Drives]

Item	Value
Drive	A:
Description	3 1/2 Inch Floppy Drive
Drive	C:
Description	Local Fixed Disk
Compressed	False
File System	NTFS

Size 8.47 GB (9,097,125,888 bytes)
 Free Space 6.82 GB (7,327,989,760 bytes)
 Volume Name
 Volume Serial Number 08F069E2
 Partition Disk #0, Partition #0
 Partition Size 8.47 GB (9,097,127,424 bytes)
 Starting Offset 32256 bytes
 Drive Description Disk drive
 Drive Manufacturer (Standard disk drives)
 Drive Model IBM-PSG DMVS09D !# SCSI Disk Device
 Drive BytesPerSector 512
 Drive MediaLoaded True
 Drive MediaType Fixed hard disk media
 Drive Partitions 1
 Drive SCSI Bus 0
 Drive SCSI LogicalUnit 0
 Drive SCSI Port 2
 Drive SCSI TargetId 0
 Drive SectorsPerTrack 63
 Drive Size 9097159680 bytes
 Drive TotalCylinders 1106
 Drive TotalSectors 17767890
 Drive TotalTracks 282030
 Drive TracksPerCylinder 255

[SCSI]

Item Value
 Name Adaptec AIC-7899 Ultra160/m PCI SCSI Card
 Caption Adaptec AIC-7899 Ultra160/m PCI SCSI Card
 Driver adpu160m
 Status OK
 PNP Device ID
 PCI\VEN_9005&DEV_00CF&SUBSYS_019D1014&REV_01\3&13
 C0B0C5&0&18
 Device ID
 PCI\VEN_9005&DEV_00CF&SUBSYS_019D1014&REV_01\3&13
 C0B0C5&0&18
 Device Map Not Available
 Index Not Available
 Max Number Controlled Not Available
 IRQ Number 28
 I/O Port 0x4B00-0x4BFF
 Driver c:\winnt\system32\drivers\adpu160m.sys (64432, v3.10a)

Name Adaptec AIC-7899 Ultra160/m PCI SCSI Card
 Caption Adaptec AIC-7899 Ultra160/m PCI SCSI Card
 Driver adpu160m
 Status OK
 PNP Device ID
 PCI\VEN_9005&DEV_00CF&SUBSYS_019D1014&REV_01\3&13
 C0B0C5&0&19
 Device ID
 PCI\VEN_9005&DEV_00CF&SUBSYS_019D1014&REV_01\3&13
 C0B0C5&0&19
 Device Map Not Available
 Index Not Available
 Max Number Controlled Not Available
 IRQ Number 29
 I/O Port 0x4C00-0x4CFF
 Driver c:\winnt\system32\drivers\adpu160m.sys (64432, v3.10a)

[Printing]

Name Port Name Server Name
 Fax MSFAX: Not Available

[Problem Devices]

Device	PNP Device ID	Error Code
Not Available	ACPI\IBM37C0\4&F0B8F99&0 28	

[USB]

Device	PNP Device ID
Standard OpenHCD USB Host Controller	PCI\VEN_1166&DEV_0220&SUBSYS_02201166&REV_04\3&267 A616A&0&7A
USB Root Hub	USB\ROOT_HUB\4&372644EA&0

RTE Input Parameters

Profile: 57600wh
File Path: C:\BenchCraft\57600wh.pro
Version: 3

Number of Engines: 576

Name: RTRTE01A
Description: 01A
Directory: c:\rtelogs\log01A.log
Machine: RTRTE01
Parameter Set: PARAM2
Index: 0
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE01A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE01B
Description: 01B
Directory: c:\rtelogs\log01B.log
Machine: RTRTE01
Parameter Set: PARAM2
Index: 3000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE01B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE01C
Description: 01C
Directory: c:\rtelogs\log01C.log
Machine: RTRTE01
Parameter Set: PARAM2
Index: 6000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE01C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE01D
Description: 01D
Directory: c:\rtelogs\log01D.log
Machine: RTRTE01
Parameter Set: PARAM2
Index: 9000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE01D322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE01E
Description: 01E
Directory: c:\rtelogs\log01E.log
Machine: RTRTE01
Parameter Set: PARAM2
Index: 12000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE01E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE01F
Description: 01F
Directory: c:\rtelogs\log01F.log
Machine: RTRTE01
Parameter Set: PARAM2
Index: 15000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE01F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE02A
Description: 02A
Directory: c:\rtelogs\log02A.log
Machine: RTRTE02
Parameter Set: PARAM2
Index: 18000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE02A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE02B
Description: 02B
Directory: c:\rtelogs\log02B.log
Machine: RTRTE02
Parameter Set: PARAM2
Index: 21000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE02B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 1

Name: RTRTE02C
Description: 02C
Directory: c:\rtelogs\log02C.log
Machine: RTRTE02
Parameter Set: PARAM2
Index: 24000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE02C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE02D
Description: 02D
Directory: c:\rtelogs\log02D.log
Machine: RTRTE02
Parameter Set: PARAM2
Index: 27000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE02D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE02E
Description: 02E
Directory: c:\rtelogs\log02E.log
Machine: RTRTE02
Parameter Set: PARAM2
Index: 30000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE02E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE02F
Description: 02F
Directory: c:\rtelogs\log02F.log
Machine: RTRTE02
Parameter Set: PARAM2
Index: 33000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE02F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE03A
Description: 03A

Directory: c:\rtelogs\log03A.log
Machine: RTRTE03
Parameter Set: PARAM2
Index: 36000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE03A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE03B
Description: 03B
Directory: c:\rtelogs\log03B.log
Machine: RTRTE03
Parameter Set: PARAM2
Index: 39000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE03B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE03C
Description: 03C
Directory: c:\rtelogs\log03C.log
Machine: RTRTE03
Parameter Set: PARAM2
Index: 42000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE03C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE03D
Description: 03D
Directory: c:\rtelogs\log03D.log
Machine: RTRTE03
Parameter Set: PARAM2
Index: 45000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE03D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE03E
Description: 03E
Directory: c:\rtelogs\log03E.log
Machine: RTRTE03
Parameter Set: PARAM2
Index: 48000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE03E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE03F
Description: 03F
Directory: c:\rtelogs\log03F.log
Machine: RTRTE03
Parameter Set: PARAM2
Index: 51000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE03F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE04A
Description: 04A
Directory: c:\rtelogs\log04A.log
Machine: RTRTE04
Parameter Set: PARAM2
Index: 54000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE04A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE04B
Description: 04B
Directory: c:\rtelogs\log04B.log
Machine: RTRTE04
Parameter Set: PARAM2
Index: 57000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE04B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE04C
Description: 04C
Directory: c:\rtelogs\log04C.log
Machine: RTRTE04
Parameter Set: PARAM2
Index: 60000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE04C322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE04D
Description: 04D
Directory: c:\rtelogs\log04D.log
Machine: RTRTE04
Parameter Set: PARAM2
Index: 63000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE04D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE04E
Description: 04E
Directory: c:\rtelogs\log04E.log
Machine: RTRTE04
Parameter Set: PARAM2
Index: 66000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE04E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE04F
Description: 04F
Directory: c:\rtelogs\log04F.log
Machine: RTRTE04
Parameter Set: PARAM2
Index: 69000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE04F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE05A
Description: 05A
Directory: c:\rtelogs\log05A.log
Machine: RTRTE05
Parameter Set: PARAM2
Index: 72000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE05A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 0

Name: RTRTE05B
Description: 05B
Directory: c:\rtelogs\log05B.log
Machine: RTRTE05
Parameter Set: PARAM2
Index: 75000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE05B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE05C
Description: 05C
Directory: c:\rtelogs\log05C.log
Machine: RTRTE05
Parameter Set: PARAM2
Index: 78000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE05C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE05D
Description: 05D
Directory: c:\rtelogs\log05D.log
Machine: RTRTE05
Parameter Set: PARAM2
Index: 81000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE05D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE05E
Description: 05E
Directory: c:\rtelogs\log05E.log
Machine: RTRTE05
Parameter Set: PARAM2
Index: 84000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE05E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE05F
Description: 05F

Directory: c:\rtelogs\log05F.log
Machine: RTRTE05
Parameter Set: PARAM2
Index: 87000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE05F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE06A
Description: 06A
Directory: c:\rtelogs\log06A.log
Machine: RTRTE06
Parameter Set: PARAM2
Index: 90000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE06A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE06B
Description: 06B
Directory: c:\rtelogs\log06B.log
Machine: RTRTE06
Parameter Set: PARAM2
Index: 93000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE06B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE06C
Description: 06C
Directory: c:\rtelogs\log06C.log
Machine: RTRTE06
Parameter Set: PARAM2
Index: 96000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE06C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE06D
Description: 06D
Directory: c:\rtelogs\log06D.log
Machine: RTRTE06
Parameter Set: PARAM2
Index: 99000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE06D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE06E
Description: 06E
Directory: c:\rtelogs\log06E.log
Machine: RTRTE06
Parameter Set: PARAM2
Index: 102000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE06E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE06F
Description: 06F
Directory: c:\rtelogs\log06F.log
Machine: RTRTE06
Parameter Set: PARAM2
Index: 105000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE06F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE07A
Description: 07A
Directory: c:\rtelogs\log07A.log
Machine: RTRTE07
Parameter Set: PARAM2
Index: 108000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE07A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE07B
Description: 07B
Directory: c:\rtelogs\log07B.log
Machine: RTRTE07
Parameter Set: PARAM2
Index: 111000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE07B322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE07C
Description: 07C
Directory: c:\rtelogs\log07C.log
Machine: RTRTE07
Parameter Set: PARAM2
Index: 114000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE07C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE07D
Description: 07D
Directory: c:\rtelogs\log07D.log
Machine: RTRTE07
Parameter Set: PARAM2
Index: 117000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE07D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE07E
Description: 07E
Directory: c:\rtelogs\log07E.log
Machine: RTRTE07
Parameter Set: PARAM2
Index: 120000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE07E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE07F
Description: 07F
Directory: c:\rtelogs\log07F.log
Machine: RTRTE07
Parameter Set: PARAM2
Index: 123000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE07F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 1

Name: RTRTE08A
Description: 08A
Directory: c:\rtelogs\log08A.log
Machine: RTRTE08
Parameter Set: PARAM2
Index: 126000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE08A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE08B
Description: 08B
Directory: c:\rtelogs\log08B.log
Machine: RTRTE08
Parameter Set: PARAM2
Index: 129000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE08B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE08C
Description: 08C
Directory: c:\rtelogs\log08C.log
Machine: RTRTE08
Parameter Set: PARAM2
Index: 132000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE08C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE08D
Description: 08D
Directory: c:\rtelogs\log08D.log
Machine: RTRTE08
Parameter Set: PARAM2
Index: 135000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE08D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE08E
Description: 08E

Directory: c:\rtelogs\log08E.log
Machine: RTRTE08
Parameter Set: PARAM2
Index: 138000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE08E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE08F
Description: 08F
Directory: c:\rtelogs\log08F.log
Machine: RTRTE08
Parameter Set: PARAM2
Index: 141000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE08F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE09A
Description: 09A
Directory: c:\rtelogs\log09A.log
Machine: RTRTE09
Parameter Set: PARAM2
Index: 144000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE09A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE09B
Description: 09B
Directory: c:\rtelogs\log09B.log
Machine: RTRTE09
Parameter Set: PARAM2
Index: 147000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE09B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE09C
Description: 09C
Directory: c:\rtelogs\log09C.log
Machine: RTRTE09
Parameter Set: PARAM2
Index: 150000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE09C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE09D
Description: 09D
Directory: c:\rtelogs\log09D.log
Machine: RTRTE09
Parameter Set: PARAM2
Index: 153000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE09D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE09E
Description: 09E
Directory: c:\rtelogs\log09E.log
Machine: RTRTE09
Parameter Set: PARAM2
Index: 156000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE09E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE09F
Description: 09F
Directory: c:\rtelogs\log09F.log
Machine: RTRTE09
Parameter Set: PARAM2
Index: 159000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE09F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE10A
Description: 10A
Directory: c:\rtelogs\log10A.log
Machine: RTRTE10
Parameter Set: PARAM2
Index: 162000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE10A322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE10B
Description: 10B
Directory: c:\rtelogs\log10B.log
Machine: RTRTE10
Parameter Set: PARAM2
Index: 165000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE10B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE10C
Description: 10C
Directory: c:\rtelogs\log10C.log
Machine: RTRTE10
Parameter Set: PARAM2
Index: 168000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE10C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE10D
Description: 10D
Directory: c:\rtelogs\log10D.log
Machine: RTRTE10
Parameter Set: PARAM2
Index: 171000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE10D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE10E
Description: 10E
Directory: c:\rtelogs\log10E.log
Machine: RTRTE10
Parameter Set: PARAM2
Index: 174000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE10E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 0

Name: RTRTE10F
Description: 10F
Directory: c:\rtelogs\log10F.log
Machine: RTRTE10
Parameter Set: PARAM2
Index: 177000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE10F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE11A
Description: 11A
Directory: c:\rtelogs\log11A.log
Machine: RTRTE11
Parameter Set: PARAM2
Index: 180000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE11A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE11B
Description: 11B
Directory: c:\rtelogs\log11B.log
Machine: RTRTE11
Parameter Set: PARAM2
Index: 183000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE11B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE11C
Description: 11C
Directory: c:\rtelogs\log11C.log
Machine: RTRTE11
Parameter Set: PARAM2
Index: 186000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE11C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE11D
Description: 11D

Directory: c:\rtelogs\log11D.log
Machine: RTRTE11
Parameter Set: PARAM2
Index: 189000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE11D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE11E
Description: 11E
Directory: c:\rtelogs\log11E.log
Machine: RTRTE11
Parameter Set: PARAM2
Index: 192000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE11E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE11F
Description: 11F
Directory: c:\rtelogs\log11F.log
Machine: RTRTE11
Parameter Set: PARAM2
Index: 195000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE11F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE12A
Description: 12A
Directory: c:\rtelogs\log12A.log
Machine: RTRTE12
Parameter Set: PARAM2
Index: 198000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE12A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE12B
Description: 12B
Directory: c:\rtelogs\log12B.log
Machine: RTRTE12
Parameter Set: PARAM2
Index: 201000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE12B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE12C
Description: 12C
Directory: c:\rtelogs\log12C.log
Machine: RTRTE12
Parameter Set: PARAM2
Index: 204000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE12C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE12D
Description: 12D
Directory: c:\rtelogs\log12D.log
Machine: RTRTE12
Parameter Set: PARAM2
Index: 207000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE12D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE12E
Description: 12E
Directory: c:\rtelogs\log12E.log
Machine: RTRTE12
Parameter Set: PARAM2
Index: 210000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE12E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE12F
Description: 12F
Directory: c:\rtelogs\log12F.log
Machine: RTRTE12
Parameter Set: PARAM2
Index: 213000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE12F322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE13A
Description: 13A
Directory: c:\rtelogs\log13A.log
Machine: RTRTE13
Parameter Set: PARAM2
Index: 216000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE13A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE13B
Description: 13B
Directory: c:\rtelogs\log13B.log
Machine: RTRTE13
Parameter Set: PARAM2
Index: 219000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE13B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE13C
Description: 13C
Directory: c:\rtelogs\log13C.log
Machine: RTRTE13
Parameter Set: PARAM2
Index: 222000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE13C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE13D
Description: 13D
Directory: c:\rtelogs\log13D.log
Machine: RTRTE13
Parameter Set: PARAM2
Index: 225000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE13D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 1

Name: RTRTE13E
Description: 13E
Directory: c:\rtelogs\log13E.log
Machine: RTRTE13
Parameter Set: PARAM2
Index: 228000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE13E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE13F
Description: 13F
Directory: c:\rtelogs\log13F.log
Machine: RTRTE13
Parameter Set: PARAM2
Index: 231000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE13F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE14A
Description: 14A
Directory: c:\rtelogs\log14A.log
Machine: RTRTE14
Parameter Set: PARAM2
Index: 234000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE14A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE14B
Description: 14B
Directory: c:\rtelogs\log14B.log
Machine: RTRTE14
Parameter Set: PARAM2
Index: 237000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE14B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE14C
Description: 14C

Directory: c:\rtelogs\log14C.log
Machine: RTRTE14
Parameter Set: PARAM2
Index: 240000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE14C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE14D
Description: 14D
Directory: c:\rtelogs\log14D.log
Machine: RTRTE14
Parameter Set: PARAM2
Index: 243000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE14D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE14E
Description: 14E
Directory: c:\rtelogs\log14E.log
Machine: RTRTE14
Parameter Set: PARAM2
Index: 246000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE14E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE14F
Description: 14F
Directory: c:\rtelogs\log14F.log
Machine: RTRTE14
Parameter Set: PARAM2
Index: 249000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE14F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE15A
Description: 15A
Directory: c:\rtelogs\log15A.log
Machine: RTRTE15
Parameter Set: PARAM2
Index: 252000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE15A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE15B
Description: 15B
Directory: c:\rtelogs\log15B.log
Machine: RTRTE15
Parameter Set: PARAM2
Index: 255000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE15B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE15C
Description: 15C
Directory: c:\rtelogs\log15C.log
Machine: RTRTE15
Parameter Set: PARAM2
Index: 258000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE15C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE15D
Description: 15D
Directory: c:\rtelogs\log15D.log
Machine: RTRTE15
Parameter Set: PARAM2
Index: 261000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE15D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE15E
Description: 15E
Directory: c:\rtelogs\log15E.log
Machine: RTRTE15
Parameter Set: PARAM2
Index: 264000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE15E322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE15F
Description: 15F
Directory: c:\rtelogs\log15F.log
Machine: RTRTE15
Parameter Set: PARAM2
Index: 267000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE15F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE16A
Description: 16A
Directory: c:\rtelogs\log16A.log
Machine: RTRTE16
Parameter Set: PARAM2
Index: 270000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE16A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE16B
Description: 16B
Directory: c:\rtelogs\log16B.log
Machine: RTRTE16
Parameter Set: PARAM2
Index: 273000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE16B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE16C
Description: 16C
Directory: c:\rtelogs\log16C.log
Machine: RTRTE16
Parameter Set: PARAM2
Index: 276000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE16C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 0

Name: RTRTE16D
Description: 16D
Directory: c:\rtelogs\log16D.log
Machine: RTRTE16
Parameter Set: PARAM2
Index: 279000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE16D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE16E
Description: 16E
Directory: c:\rtelogs\log16E.log
Machine: RTRTE16
Parameter Set: PARAM2
Index: 282000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE16E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE16F
Description: 16F
Directory: c:\rtelogs\log16F.log
Machine: RTRTE16
Parameter Set: PARAM2
Index: 285000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE16F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE17A
Description: 17A
Directory: c:\rtelogs\log17A.log
Machine: RTRTE17
Parameter Set: PARAM2
Index: 288000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE17A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE17B
Description: 17B

Directory: c:\rtelogs\log17B.log
Machine: RTRTE17
Parameter Set: PARAM2
Index: 291000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE17B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE17C
Description: 17C
Directory: c:\rtelogs\log17C.log
Machine: RTRTE17
Parameter Set: PARAM2
Index: 294000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE17C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE17D
Description: 17D
Directory: c:\rtelogs\log17D.log
Machine: RTRTE17
Parameter Set: PARAM2
Index: 297000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE17D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE17E
Description: 17E
Directory: c:\rtelogs\log17E.log
Machine: RTRTE17
Parameter Set: PARAM2
Index: 300000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE17E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE17F
Description: 17F
Directory: c:\rtelogs\log17F.log
Machine: RTRTE17
Parameter Set: PARAM2
Index: 303000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE17F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE18A
Description: 18A
Directory: c:\rtelogs\log18A.log
Machine: RTRTE18
Parameter Set: PARAM2
Index: 306000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE18A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE18B
Description: 18B
Directory: c:\rtelogs\log18B.log
Machine: RTRTE18
Parameter Set: PARAM2
Index: 309000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE18B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE18C
Description: 18C
Directory: c:\rtelogs\log18C.log
Machine: RTRTE18
Parameter Set: PARAM2
Index: 312000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE18C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE18D
Description: 18D
Directory: c:\rtelogs\log18D.log
Machine: RTRTE18
Parameter Set: PARAM2
Index: 315000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE18D322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE18E
Description: 18E
Directory: c:\rtelogs\log18E.log
Machine: RTRTE18
Parameter Set: PARAM2
Index: 318000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE18E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE18F
Description: 18F
Directory: c:\rtelogs\log18F.log
Machine: RTRTE18
Parameter Set: PARAM2
Index: 321000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE18F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE19A
Description: 19A
Directory: c:\rtelogs\log19A.log
Machine: RTRTE19
Parameter Set: PARAM2
Index: 324000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE19A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE19B
Description: 19B
Directory: c:\rtelogs\log19B.log
Machine: RTRTE19
Parameter Set: PARAM2
Index: 327000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE19B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 1

Name: RTRTE19C
Description: 19C
Directory: c:\rtelogs\log19C.log
Machine: RTRTE19
Parameter Set: PARAM2
Index: 330000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE19C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE19D
Description: 19D
Directory: c:\rtelogs\log19D.log
Machine: RTRTE19
Parameter Set: PARAM2
Index: 333000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE19D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE19E
Description: 19E
Directory: c:\rtelogs\log19E.log
Machine: RTRTE19
Parameter Set: PARAM2
Index: 336000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE19E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE19F
Description: 19F
Directory: c:\rtelogs\log19F.log
Machine: RTRTE19
Parameter Set: PARAM2
Index: 339000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE19F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE20A
Description: 20A

Directory: c:\rtelogs\log20A.log
Machine: RTRTE20
Parameter Set: PARAM2
Index: 342000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE20A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE20B
Description: 20B
Directory: c:\rtelogs\log20B.log
Machine: RTRTE20
Parameter Set: PARAM2
Index: 345000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE20B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE20C
Description: 20C
Directory: c:\rtelogs\log20C.log
Machine: RTRTE20
Parameter Set: PARAM2
Index: 348000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE20C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE20D
Description: 20D
Directory: c:\rtelogs\log20D.log
Machine: RTRTE20
Parameter Set: PARAM2
Index: 351000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE20D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE20E
Description: 20E
Directory: c:\rtelogs\log20E.log
Machine: RTRTE20
Parameter Set: PARAM2
Index: 354000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE20E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE20F
Description: 20F
Directory: c:\rtelogs\log20F.log
Machine: RTRTE20
Parameter Set: PARAM2
Index: 357000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE20F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE21A
Description: 21A
Directory: c:\rtelogs\log21A.log
Machine: RTRTE21
Parameter Set: PARAM2
Index: 360000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE21A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE21B
Description: 21B
Directory: c:\rtelogs\log21B.log
Machine: RTRTE21
Parameter Set: PARAM2
Index: 363000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE21B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE21C
Description: 21C
Directory: c:\rtelogs\log21C.log
Machine: RTRTE21
Parameter Set: PARAM2
Index: 366000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE21C322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE21D
Description: 21D
Directory: c:\rtelogs\log21D.log
Machine: RTRTE21
Parameter Set: PARAM2
Index: 369000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE21D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE21E
Description: 21E
Directory: c:\rtelogs\log21E.log
Machine: RTRTE21
Parameter Set: PARAM2
Index: 372000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE21E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE21F
Description: 21F
Directory: c:\rtelogs\log21F.log
Machine: RTRTE21
Parameter Set: PARAM2
Index: 375000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE21F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE22A
Description: 22A
Directory: c:\rtelogs\log22A.log
Machine: RTRTE22
Parameter Set: PARAM2
Index: 378000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE22A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 0

Name: RTRTE22B
Description: 22B
Directory: c:\rtelogs\log22B.log
Machine: RTRTE22
Parameter Set: PARAM2
Index: 381000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE22B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE22C
Description: 22C
Directory: c:\rtelogs\log22C.log
Machine: RTRTE22
Parameter Set: PARAM2
Index: 384000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE22C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE22D
Description: 22D
Directory: c:\rtelogs\log22D.log
Machine: RTRTE22
Parameter Set: PARAM2
Index: 387000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE22D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE22E
Description: 22E
Directory: c:\rtelogs\log22E.log
Machine: RTRTE22
Parameter Set: PARAM2
Index: 390000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE22E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE22F
Description: 22F

Directory: c:\rtelogs\log22F.log
Machine: RTRTE22
Parameter Set: PARAM2
Index: 393000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE22F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE23A
Description: 23A
Directory: c:\rtelogs\log23A.log
Machine: RTRTE23
Parameter Set: PARAM2
Index: 396000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE23A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE23B
Description: 23B
Directory: c:\rtelogs\log23B.log
Machine: RTRTE23
Parameter Set: PARAM2
Index: 399000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE23B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE23C
Description: 23C
Directory: c:\rtelogs\log23C.log
Machine: RTRTE23
Parameter Set: PARAM2
Index: 402000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE23C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE23D
Description: 23D
Directory: c:\rtelogs\log23D.log
Machine: RTRTE23
Parameter Set: PARAM2
Index: 405000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE23D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE23E
Description: 23E
Directory: c:\rtelogs\log23E.log
Machine: RTRTE23
Parameter Set: PARAM2
Index: 408000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE23E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE23F
Description: 23F
Directory: c:\rtelogs\log23F.log
Machine: RTRTE23
Parameter Set: PARAM2
Index: 411000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE23F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE24A
Description: 24A
Directory: c:\rtelogs\log24A.log
Machine: RTRTE24
Parameter Set: PARAM2
Index: 414000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE24A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE24B
Description: 24B
Directory: c:\rtelogs\log24B.log
Machine: RTRTE24
Parameter Set: PARAM2
Index: 417000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE24B322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE24C
Description: 24C
Directory: c:\rtelogs\log24C.log
Machine: RTRTE24
Parameter Set: PARAM2
Index: 420000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE24C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE24D
Description: 24D
Directory: c:\rtelogs\log24D.log
Machine: RTRTE24
Parameter Set: PARAM2
Index: 423000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE24D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE24E
Description: 24E
Directory: c:\rtelogs\log24E.log
Machine: RTRTE24
Parameter Set: PARAM2
Index: 426000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE24E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE24F
Description: 24F
Directory: c:\rtelogs\log24F.log
Machine: RTRTE24
Parameter Set: PARAM2
Index: 429000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE24F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 1

Name: RTRTE25A
Description: 25A
Directory: c:\rtelogs\log25A.log
Machine: RTRTE25
Parameter Set: PARAM2
Index: 432000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE25A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE25B
Description: 25B
Directory: c:\rtelogs\log25B.log
Machine: RTRTE25
Parameter Set: PARAM2
Index: 435000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE25B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE25C
Description: 25C
Directory: c:\rtelogs\log25C.log
Machine: RTRTE25
Parameter Set: PARAM2
Index: 438000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE25C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE25D
Description: 25D
Directory: c:\rtelogs\log25D.log
Machine: RTRTE25
Parameter Set: PARAM2
Index: 441000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE25D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE25E
Description: 25E

Directory: c:\rtelogs\log25E.log
Machine: RTRTE25
Parameter Set: PARAM2
Index: 444000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE25E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE25F
Description: 25F
Directory: c:\rtelogs\log25F.log
Machine: RTRTE25
Parameter Set: PARAM2
Index: 447000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE25F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE26A
Description: 26A
Directory: c:\rtelogs\log26A.log
Machine: RTRTE26
Parameter Set: PARAM2
Index: 450000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE26A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE26B
Description: 26B
Directory: c:\rtelogs\log26B.log
Machine: RTRTE26
Parameter Set: PARAM2
Index: 453000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE26B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE26C
Description: 26C
Directory: c:\rtelogs\log26C.log
Machine: RTRTE26
Parameter Set: PARAM2
Index: 456000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE26C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE26D
Description: 26D
Directory: c:\rtelogs\log26D.log
Machine: RTRTE26
Parameter Set: PARAM2
Index: 459000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE26D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE26E
Description: 26E
Directory: c:\rtelogs\log26E.log
Machine: RTRTE26
Parameter Set: PARAM2
Index: 462000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE26E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE26F
Description: 26F
Directory: c:\rtelogs\log26F.log
Machine: RTRTE26
Parameter Set: PARAM2
Index: 465000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE26F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE27A
Description: 27A
Directory: c:\rtelogs\log27A.log
Machine: RTRTE27
Parameter Set: PARAM2
Index: 468000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE27A322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE27B
Description: 27B
Directory: c:\rtelogs\log27B.log
Machine: RTRTE27
Parameter Set: PARAM2
Index: 471000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE27B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE27C
Description: 27C
Directory: c:\rtelogs\log27C.log
Machine: RTRTE27
Parameter Set: PARAM2
Index: 474000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE27C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE27D
Description: 27D
Directory: c:\rtelogs\log27D.log
Machine: RTRTE27
Parameter Set: PARAM2
Index: 477000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE27D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE27E
Description: 27E
Directory: c:\rtelogs\log27E.log
Machine: RTRTE27
Parameter Set: PARAM2
Index: 480000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE27E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 0

Name: RTRTE27F
Description: 27F
Directory: c:\rtelogs\log27F.log
Machine: RTRTE27
Parameter Set: PARAM2
Index: 483000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE27F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE28A
Description: 28A
Directory: c:\rtelogs\log28A.log
Machine: RTRTE28
Parameter Set: PARAM2
Index: 486000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE28A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE28B
Description: 28B
Directory: c:\rtelogs\log28B.log
Machine: RTRTE28
Parameter Set: PARAM2
Index: 489000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE28B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE28C
Description: 28C
Directory: c:\rtelogs\log28C.log
Machine: RTRTE28
Parameter Set: PARAM2
Index: 492000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE28C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE28D
Description: 28D

Directory: c:\rtelogs\log28D.log
Machine: RTRTE28
Parameter Set: PARAM2
Index: 495000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE28D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE28E
Description: 28E
Directory: c:\rtelogs\log28E.log
Machine: RTRTE28
Parameter Set: PARAM2
Index: 498000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE28E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE28F
Description: 28F
Directory: c:\rtelogs\log28F.log
Machine: RTRTE28
Parameter Set: PARAM2
Index: 501000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE28F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE29A
Description: 29A
Directory: c:\rtelogs\log29A.log
Machine: RTRTE29
Parameter Set: PARAM2
Index: 504000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE29A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE29B
Description: 29B
Directory: c:\rtelogs\log29B.log
Machine: RTRTE29
Parameter Set: PARAM2
Index: 507000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE29B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE29C
Description: 29C
Directory: c:\rtelogs\log29C.log
Machine: RTRTE29
Parameter Set: PARAM2
Index: 510000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE29C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE29D
Description: 29D
Directory: c:\rtelogs\log29D.log
Machine: RTRTE29
Parameter Set: PARAM2
Index: 513000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE29D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE29E
Description: 29E
Directory: c:\rtelogs\log29E.log
Machine: RTRTE29
Parameter Set: PARAM2
Index: 516000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE29E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE29F
Description: 29F
Directory: c:\rtelogs\log29F.log
Machine: RTRTE29
Parameter Set: PARAM2
Index: 519000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE29F322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE30A
Description: 30A
Directory: c:\rtelogs\log30A.log
Machine: RTRTE30
Parameter Set: PARAM2
Index: 522000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE30A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE30B
Description: 30B
Directory: c:\rtelogs\log30B.log
Machine: RTRTE30
Parameter Set: PARAM2
Index: 525000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE30B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE30C
Description: 30C
Directory: c:\rtelogs\log30C.log
Machine: RTRTE30
Parameter Set: PARAM2
Index: 528000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE30C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE30D
Description: 30D
Directory: c:\rtelogs\log30D.log
Machine: RTRTE30
Parameter Set: PARAM2
Index: 531000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE30D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 1

Name: RTRTE30E
Description: 30E
Directory: c:\rtelogs\log30E.log
Machine: RTRTE30
Parameter Set: PARAM2
Index: 534000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE30E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE30F
Description: 30F
Directory: c:\rtelogs\log30F.log
Machine: RTRTE30
Parameter Set: PARAM2
Index: 537000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE30F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE31A
Description: 31A
Directory: c:\rtelogs\log31A.log
Machine: RTRTE31
Parameter Set: PARAM2
Index: 540000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE31A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE31B
Description: 31B
Directory: c:\rtelogs\log31B.log
Machine: RTRTE31
Parameter Set: PARAM2
Index: 543000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE31B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE31C
Description: 31C

Directory: c:\rtelogs\log31C.log
Machine: RTRTE31
Parameter Set: PARAM2
Index: 546000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE31C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE31D
Description: 31D
Directory: c:\rtelogs\log31D.log
Machine: RTRTE31
Parameter Set: PARAM2
Index: 549000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE31D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE31E
Description: 31E
Directory: c:\rtelogs\log31E.log
Machine: RTRTE31
Parameter Set: PARAM2
Index: 552000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE31E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE31F
Description: 31F
Directory: c:\rtelogs\log31F.log
Machine: RTRTE31
Parameter Set: PARAM2
Index: 555000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE31F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE32A
Description: 32A
Directory: c:\rtelogs\log32A.log
Machine: RTRTE32
Parameter Set: PARAM2
Index: 558000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE32A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE32B
Description: 32B
Directory: c:\rtelogs\log32B.log
Machine: RTRTE32
Parameter Set: PARAM2
Index: 561000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE32B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE32C
Description: 32C
Directory: c:\rtelogs\log32C.log
Machine: RTRTE32
Parameter Set: PARAM2
Index: 564000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE32C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE32D
Description: 32D
Directory: c:\rtelogs\log32D.log
Machine: RTRTE32
Parameter Set: PARAM2
Index: 567000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE32D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE32E
Description: 32E
Directory: c:\rtelogs\log32E.log
Machine: RTRTE32
Parameter Set: PARAM2
Index: 570000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE32E322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE32F
Description: 32F
Directory: c:\rtelogs\log32F.log
Machine: RTRTE32
Parameter Set: PARAM2
Index: 573000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE32F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE33A
Description: 33A
Directory: c:\rtelogs\log33A.log
Machine: RTRTE33
Parameter Set: PARAM2
Index: 576000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE33A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE33B
Description: 33B
Directory: c:\rtelogs\log33B.log
Machine: RTRTE33
Parameter Set: PARAM2
Index: 579000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE33B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE33C
Description: 33C
Directory: c:\rtelogs\log33C.log
Machine: RTRTE33
Parameter Set: PARAM2
Index: 582000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE33C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 0

Name: RTRTE33D
Description: 33D
Directory: c:\rtelogs\log33D.log
Machine: RTRTE33
Parameter Set: PARAM2
Index: 585000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE33D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE33E
Description: 33E
Directory: c:\rtelogs\log33E.log
Machine: RTRTE33
Parameter Set: PARAM2
Index: 588000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE33E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE33F
Description: 33F
Directory: c:\rtelogs\log33F.log
Machine: RTRTE33
Parameter Set: PARAM2
Index: 591000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE33F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE34A
Description: 34A
Directory: c:\rtelogs\log34A.log
Machine: RTRTE34
Parameter Set: PARAM2
Index: 594000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE34A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE34B
Description: 34B

Directory: c:\rtelogs\log34B.log
Machine: RTRTE34
Parameter Set: PARAM2
Index: 597000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE34B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE34C
Description: 34C
Directory: c:\rtelogs\log34C.log
Machine: RTRTE34
Parameter Set: PARAM2
Index: 600000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE34C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE34D
Description: 34D
Directory: c:\rtelogs\log34D.log
Machine: RTRTE34
Parameter Set: PARAM2
Index: 603000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE34D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE34E
Description: 34E
Directory: c:\rtelogs\log34E.log
Machine: RTRTE34
Parameter Set: PARAM2
Index: 606000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE34E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE34F
Description: 34F
Directory: c:\rtelogs\log34F.log
Machine: RTRTE34
Parameter Set: PARAM2
Index: 609000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE34F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE35A
Description: 35A
Directory: c:\rtelogs\log35A.log
Machine: RTRTE35
Parameter Set: PARAM2
Index: 612000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE35A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE35B
Description: 35B
Directory: c:\rtelogs\log35B.log
Machine: RTRTE35
Parameter Set: PARAM2
Index: 615000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE35B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE35C
Description: 35C
Directory: c:\rtelogs\log35C.log
Machine: RTRTE35
Parameter Set: PARAM2
Index: 618000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE35C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE35D
Description: 35D
Directory: c:\rtelogs\log35D.log
Machine: RTRTE35
Parameter Set: PARAM2
Index: 621000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE35D322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE35E
Description: 35E
Directory: c:\rtelogs\log35E.log
Machine: RTRTE35
Parameter Set: PARAM2
Index: 624000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE35E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE35F
Description: 35F
Directory: c:\rtelogs\log35F.log
Machine: RTRTE35
Parameter Set: PARAM2
Index: 627000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE35F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE36A
Description: 36A
Directory: c:\rtelogs\log36A.log
Machine: RTRTE36
Parameter Set: PARAM2
Index: 630000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE36A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE36B
Description: 36B
Directory: c:\rtelogs\log36B.log
Machine: RTRTE36
Parameter Set: PARAM2
Index: 633000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE36B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 1

Name: RTRTE36C
Description: 36C
Directory: c:\rtelogs\log36C.log
Machine: RTRTE36
Parameter Set: PARAM2
Index: 636000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE36C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE36D
Description: 36D
Directory: c:\rtelogs\log36D.log
Machine: RTRTE36
Parameter Set: PARAM2
Index: 639000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE36D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE36E
Description: 36E
Directory: c:\rtelogs\log36E.log
Machine: RTRTE36
Parameter Set: PARAM2
Index: 642000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE36E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE36F
Description: 36F
Directory: c:\rtelogs\log36F.log
Machine: RTRTE36
Parameter Set: PARAM2
Index: 645000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE36F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE37A
Description: 37A

Directory: c:\rtelogs\log37A.log
Machine: RTRTE37
Parameter Set: PARAM2
Index: 648000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE37A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE37B
Description: 37B
Directory: c:\rtelogs\log37B.log
Machine: RTRTE37
Parameter Set: PARAM2
Index: 651000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE37B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE37C
Description: 37C
Directory: c:\rtelogs\log37C.log
Machine: RTRTE37
Parameter Set: PARAM2
Index: 654000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE37C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE37D
Description: 37D
Directory: c:\rtelogs\log37D.log
Machine: RTRTE37
Parameter Set: PARAM2
Index: 657000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE37D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE37E
Description: 37E
Directory: c:\rtelogs\log37E.log
Machine: RTRTE37
Parameter Set: PARAM2
Index: 660000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE37E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE37F
Description: 37F
Directory: c:\rtelogs\log37F.log
Machine: RTRTE37
Parameter Set: PARAM2
Index: 663000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE37F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE38A
Description: 38A
Directory: c:\rtelogs\log38A.log
Machine: RTRTE38
Parameter Set: PARAM2
Index: 666000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE38A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE38B
Description: 38B
Directory: c:\rtelogs\log38B.log
Machine: RTRTE38
Parameter Set: PARAM2
Index: 669000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE38B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE38C
Description: 38C
Directory: c:\rtelogs\log38C.log
Machine: RTRTE38
Parameter Set: PARAM2
Index: 672000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE38C322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE38D
Description: 38D
Directory: c:\rtelogs\log38D.log
Machine: RTRTE38
Parameter Set: PARAM2
Index: 675000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE38D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE38E
Description: 38E
Directory: c:\rtelogs\log38E.log
Machine: RTRTE38
Parameter Set: PARAM2
Index: 678000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE38E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE38F
Description: 38F
Directory: c:\rtelogs\log38F.log
Machine: RTRTE38
Parameter Set: PARAM2
Index: 681000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE38F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE39A
Description: 39A
Directory: c:\rtelogs\log39A.log
Machine: RTRTE39
Parameter Set: PARAM2
Index: 684000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE39A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 0

Name: RTRTE39B
Description: 39B
Directory: c:\rtelogs\log39B.log
Machine: RTRTE39
Parameter Set: PARAM2
Index: 687000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE39B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE39C
Description: 39C
Directory: c:\rtelogs\log39C.log
Machine: RTRTE39
Parameter Set: PARAM2
Index: 690000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE39C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE39D
Description: 39D
Directory: c:\rtelogs\log39D.log
Machine: RTRTE39
Parameter Set: PARAM2
Index: 693000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE39D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE39E
Description: 39E
Directory: c:\rtelogs\log39E.log
Machine: RTRTE39
Parameter Set: PARAM2
Index: 696000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE39E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE39F
Description: 39F

Directory: c:\rtelogs\log39F.log
Machine: RTRTE39
Parameter Set: PARAM2
Index: 699000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE39F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE40A
Description: 40A
Directory: c:\rtelogs\log40A.log
Machine: RTRTE40
Parameter Set: PARAM2
Index: 702000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE40A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE40B
Description: 40B
Directory: c:\rtelogs\log40B.log
Machine: RTRTE40
Parameter Set: PARAM2
Index: 705000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE40B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE40C
Description: 40C
Directory: c:\rtelogs\log40C.log
Machine: RTRTE40
Parameter Set: PARAM2
Index: 708000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE40C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE40D
Description: 40D
Directory: c:\rtelogs\log40D.log
Machine: RTRTE40
Parameter Set: PARAM2
Index: 711000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE40D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE40E
Description: 40E
Directory: c:\rtelogs\log40E.log
Machine: RTRTE40
Parameter Set: PARAM2
Index: 714000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE40E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE40F
Description: 40F
Directory: c:\rtelogs\log40F.log
Machine: RTRTE40
Parameter Set: PARAM2
Index: 717000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE40F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE41A
Description: 41A
Directory: c:\rtelogs\log41A.log
Machine: RTRTE41
Parameter Set: PARAM2
Index: 720000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE41A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE41B
Description: 41B
Directory: c:\rtelogs\log41B.log
Machine: RTRTE41
Parameter Set: PARAM2
Index: 723000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE41B322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE41C
Description: 41C
Directory: c:\rtelogs\log41C.log
Machine: RTRTE41
Parameter Set: PARAM2
Index: 726000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE41C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE41D
Description: 41D
Directory: c:\rtelogs\log41D.log
Machine: RTRTE41
Parameter Set: PARAM2
Index: 729000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE41D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE41E
Description: 41E
Directory: c:\rtelogs\log41E.log
Machine: RTRTE41
Parameter Set: PARAM2
Index: 732000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE41E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE41F
Description: 41F
Directory: c:\rtelogs\log41F.log
Machine: RTRTE41
Parameter Set: PARAM2
Index: 735000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE41F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 1

Name: RTRTE42A
Description: 42A
Directory: c:\rtelogs\log42A.log
Machine: RTRTE42
Parameter Set: PARAM2
Index: 738000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE42A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE42B
Description: 42B
Directory: c:\rtelogs\log42B.log
Machine: RTRTE42
Parameter Set: PARAM2
Index: 741000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE42B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE42C
Description: 42C
Directory: c:\rtelogs\log42C.log
Machine: RTRTE42
Parameter Set: PARAM2
Index: 744000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE42C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE42D
Description: 42D
Directory: c:\rtelogs\log42D.log
Machine: RTRTE42
Parameter Set: PARAM2
Index: 747000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE42D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE42E
Description: 42E

Directory: c:\rtelogs\log42E.log
Machine: RTRTE42
Parameter Set: PARAM2
Index: 750000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE42E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE42F
Description: 42F
Directory: c:\rtelogs\log42F.log
Machine: RTRTE42
Parameter Set: PARAM2
Index: 753000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE42F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE43A
Description: 43A
Directory: c:\rtelogs\log43A.log
Machine: RTRTE43
Parameter Set: PARAM2
Index: 756000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE43A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE43B
Description: 43B
Directory: c:\rtelogs\log43B.log
Machine: RTRTE43
Parameter Set: PARAM2
Index: 759000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE43B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE43C
Description: 43C
Directory: c:\rtelogs\log43C.log
Machine: RTRTE43
Parameter Set: PARAM2
Index: 762000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE43C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE43D
Description: 43D
Directory: c:\rtelogs\log43D.log
Machine: RTRTE43
Parameter Set: PARAM2
Index: 765000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE43D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE43E
Description: 43E
Directory: c:\rtelogs\log43E.log
Machine: RTRTE43
Parameter Set: PARAM2
Index: 768000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE43E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE43F
Description: 43F
Directory: c:\rtelogs\log43F.log
Machine: RTRTE43
Parameter Set: PARAM2
Index: 771000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE43F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE44A
Description: 44A
Directory: c:\rtelogs\log44A.log
Machine: RTRTE44
Parameter Set: PARAM2
Index: 774000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE44A322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE44B
Description: 44B
Directory: c:\rtelogs\log44B.log
Machine: RTRTE44
Parameter Set: PARAM2
Index: 777000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE44B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE44C
Description: 44C
Directory: c:\rtelogs\log44C.log
Machine: RTRTE44
Parameter Set: PARAM2
Index: 780000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE44C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE44D
Description: 44D
Directory: c:\rtelogs\log44D.log
Machine: RTRTE44
Parameter Set: PARAM2
Index: 783000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE44D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE44E
Description: 44E
Directory: c:\rtelogs\log44E.log
Machine: RTRTE44
Parameter Set: PARAM2
Index: 786000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE44E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 0

Name: RTRTE44F
Description: 44F
Directory: c:\rtelogs\log44F.log
Machine: RTRTE44
Parameter Set: PARAM2
Index: 789000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE44F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE45A
Description: 45A
Directory: c:\rtelogs\log45A.log
Machine: RTRTE45
Parameter Set: PARAM2
Index: 792000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE45A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE45B
Description: 45B
Directory: c:\rtelogs\log45B.log
Machine: RTRTE45
Parameter Set: PARAM2
Index: 795000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE45B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE45C
Description: 45C
Directory: c:\rtelogs\log45C.log
Machine: RTRTE45
Parameter Set: PARAM2
Index: 798000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE45C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE45D
Description: 45D

Directory: c:\rtelogs\log45D.log
Machine: RTRTE45
Parameter Set: PARAM2
Index: 801000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE45D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE45E
Description: 45E
Directory: c:\rtelogs\log45E.log
Machine: RTRTE45
Parameter Set: PARAM2
Index: 804000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE45E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE45F
Description: 45F
Directory: c:\rtelogs\log45F.log
Machine: RTRTE45
Parameter Set: PARAM2
Index: 807000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE45F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE46A
Description: 46A
Directory: c:\rtelogs\log46A.log
Machine: RTRTE46
Parameter Set: PARAM2
Index: 810000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE46A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE46B
Description: 46B
Directory: c:\rtelogs\log46B.log
Machine: RTRTE46
Parameter Set: PARAM2
Index: 813000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE46B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE46C
Description: 46C
Directory: c:\rtelogs\log46C.log
Machine: RTRTE46
Parameter Set: PARAM2
Index: 816000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE46C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE46D
Description: 46D
Directory: c:\rtelogs\log46D.log
Machine: RTRTE46
Parameter Set: PARAM2
Index: 819000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE46D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE46E
Description: 46E
Directory: c:\rtelogs\log46E.log
Machine: RTRTE46
Parameter Set: PARAM2
Index: 822000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE46E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE46F
Description: 46F
Directory: c:\rtelogs\log46F.log
Machine: RTRTE46
Parameter Set: PARAM2
Index: 825000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE46F322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE47A
Description: 47A
Directory: c:\rtelogs\log47A.log
Machine: RTRTE47
Parameter Set: PARAM2
Index: 828000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE47A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE47B
Description: 47B
Directory: c:\rtelogs\log47B.log
Machine: RTRTE47
Parameter Set: PARAM2
Index: 831000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE47B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE47C
Description: 47C
Directory: c:\rtelogs\log47C.log
Machine: RTRTE47
Parameter Set: PARAM2
Index: 834000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE47C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE47D
Description: 47D
Directory: c:\rtelogs\log47D.log
Machine: RTRTE47
Parameter Set: PARAM2
Index: 837000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE47D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 1

Name: RTRTE47E
Description: 47E
Directory: c:\rtelogs\log47E.log
Machine: RTRTE47
Parameter Set: PARAM2
Index: 840000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE47E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE47F
Description: 47F
Directory: c:\rtelogs\log47F.log
Machine: RTRTE47
Parameter Set: PARAM2
Index: 843000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE47F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE48A
Description: 48A
Directory: c:\rtelogs\log48A.log
Machine: RTRTE48
Parameter Set: PARAM2
Index: 846000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE48A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE48B
Description: 48B
Directory: c:\rtelogs\log48B.log
Machine: RTRTE48
Parameter Set: PARAM2
Index: 849000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE48B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE48C
Description: 48C

Directory: c:\rtelogs\log48C.log
Machine: RTRTE48
Parameter Set: PARAM2
Index: 852000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE48C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE48D
Description: 48D
Directory: c:\rtelogs\log48D.log
Machine: RTRTE48
Parameter Set: PARAM2
Index: 855000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE48D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE48E
Description: 48E
Directory: c:\rtelogs\log48E.log
Machine: RTRTE48
Parameter Set: PARAM2
Index: 858000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE48E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE48F
Description: 48F
Directory: c:\rtelogs\log48F.log
Machine: RTRTE48
Parameter Set: PARAM2
Index: 861000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE48F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE49A
Description: 49A
Directory: c:\rtelogs\log49A.log
Machine: RTRTE49
Parameter Set: PARAM2
Index: 864000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE49A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE49B
Description: 49B
Directory: c:\rtelogs\log49B.log
Machine: RTRTE49
Parameter Set: PARAM2
Index: 867000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE49B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE49C
Description: 49C
Directory: c:\rtelogs\log49C.log
Machine: RTRTE49
Parameter Set: PARAM2
Index: 870000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE49C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE49D
Description: 49D
Directory: c:\rtelogs\log49D.log
Machine: RTRTE49
Parameter Set: PARAM2
Index: 873000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE49D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE49E
Description: 49E
Directory: c:\rtelogs\log49E.log
Machine: RTRTE49
Parameter Set: PARAM2
Index: 876000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE49E322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE49F
Description: 49F
Directory: c:\rtelogs\log49F.log
Machine: RTRTE49
Parameter Set: PARAM2
Index: 879000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE49F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE50A
Description: 50A
Directory: c:\rtelogs\log50A.log
Machine: RTRTE50
Parameter Set: PARAM2
Index: 882000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE50A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE50B
Description: 50B
Directory: c:\rtelogs\log50B.log
Machine: RTRTE50
Parameter Set: PARAM2
Index: 885000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE50B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE50C
Description: 50C
Directory: c:\rtelogs\log50C.log
Machine: RTRTE50
Parameter Set: PARAM2
Index: 888000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE50C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 0

Name: RTRTE50D
Description: 50D
Directory: c:\rtelogs\log50D.log
Machine: RTRTE50
Parameter Set: PARAM2
Index: 891000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE50D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE50E
Description: 50E
Directory: c:\rtelogs\log50E.log
Machine: RTRTE50
Parameter Set: PARAM2
Index: 894000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE50E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE50F
Description: 50F
Directory: c:\rtelogs\log50F.log
Machine: RTRTE50
Parameter Set: PARAM2
Index: 897000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE50F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE51A
Description: 51A
Directory: c:\rtelogs\log51A.log
Machine: RTRTE51
Parameter Set: PARAM2
Index: 900000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE51A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE51B
Description: 51B

Directory: c:\rtelogs\log51B.log
Machine: RTRTE51
Parameter Set: PARAM2
Index: 903000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE51B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE51C
Description: 51C
Directory: c:\rtelogs\log51C.log
Machine: RTRTE51
Parameter Set: PARAM2
Index: 906000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE51C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE51D
Description: 51D
Directory: c:\rtelogs\log51D.log
Machine: RTRTE51
Parameter Set: PARAM2
Index: 909000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE51D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE51E
Description: 51E
Directory: c:\rtelogs\log51E.log
Machine: RTRTE51
Parameter Set: PARAM2
Index: 912000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE51E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE51F
Description: 51F
Directory: c:\rtelogs\log51F.log
Machine: RTRTE51
Parameter Set: PARAM2
Index: 915000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE51F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE52A
Description: 52A
Directory: c:\rtelogs\log52A.log
Machine: RTRTE52
Parameter Set: PARAM2
Index: 918000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE52A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE52B
Description: 52B
Directory: c:\rtelogs\log52B.log
Machine: RTRTE52
Parameter Set: PARAM2
Index: 921000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE52B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE52C
Description: 52C
Directory: c:\rtelogs\log52C.log
Machine: RTRTE52
Parameter Set: PARAM2
Index: 924000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE52C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE52D
Description: 52D
Directory: c:\rtelogs\log52D.log
Machine: RTRTE52
Parameter Set: PARAM2
Index: 927000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE52D322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE52E
Description: 52E
Directory: c:\rtelogs\log52E.log
Machine: RTRTE52
Parameter Set: PARAM2
Index: 930000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE52E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE52F
Description: 52F
Directory: c:\rtelogs\log52F.log
Machine: RTRTE52
Parameter Set: PARAM2
Index: 933000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE52F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE53A
Description: 53A
Directory: c:\rtelogs\log53A.log
Machine: RTRTE53
Parameter Set: PARAM2
Index: 936000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE53A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE53B
Description: 53B
Directory: c:\rtelogs\log53B.log
Machine: RTRTE53
Parameter Set: PARAM2
Index: 939000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE53B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 1

Name: RTRTE53C
Description: 53C
Directory: c:\rtelogs\log53C.log
Machine: RTRTE53
Parameter Set: PARAM2
Index: 942000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE53C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE53D
Description: 53D
Directory: c:\rtelogs\log53D.log
Machine: RTRTE53
Parameter Set: PARAM2
Index: 945000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE53D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE53E
Description: 53E
Directory: c:\rtelogs\log53E.log
Machine: RTRTE53
Parameter Set: PARAM2
Index: 948000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE53E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE53F
Description: 53F
Directory: c:\rtelogs\log53F.log
Machine: RTRTE53
Parameter Set: PARAM2
Index: 951000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE53F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE54A
Description: 54A

Directory: c:\rtelogs\log54A.log
Machine: RTRTE54
Parameter Set: PARAM2
Index: 954000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE54A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE54B
Description: 54B
Directory: c:\rtelogs\log54B.log
Machine: RTRTE54
Parameter Set: PARAM2
Index: 957000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE54B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE54C
Description: 54C
Directory: c:\rtelogs\log54C.log
Machine: RTRTE54
Parameter Set: PARAM2
Index: 960000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE54C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE54D
Description: 54D
Directory: c:\rtelogs\log54D.log
Machine: RTRTE54
Parameter Set: PARAM2
Index: 963000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE54D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE54E
Description: 54E
Directory: c:\rtelogs\log54E.log
Machine: RTRTE54
Parameter Set: PARAM2
Index: 966000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE54E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE54F
Description: 54F
Directory: c:\rtelogs\log54F.log
Machine: RTRTE54
Parameter Set: PARAM2
Index: 969000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE54F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE55A
Description: 55A
Directory: c:\rtelogs\log55A.log
Machine: RTRTE55
Parameter Set: PARAM2
Index: 972000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE55A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE55B
Description: 55B
Directory: c:\rtelogs\log55B.log
Machine: RTRTE55
Parameter Set: PARAM2
Index: 975000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE55B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE55C
Description: 55C
Directory: c:\rtelogs\log55C.log
Machine: RTRTE55
Parameter Set: PARAM2
Index: 978000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE55C322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE55D
Description: 55D
Directory: c:\rtelogs\log55D.log
Machine: RTRTE55
Parameter Set: PARAM2
Index: 981000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE55D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE55E
Description: 55E
Directory: c:\rtelogs\log55E.log
Machine: RTRTE55
Parameter Set: PARAM2
Index: 984000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE55E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE55F
Description: 55F
Directory: c:\rtelogs\log55F.log
Machine: RTRTE55
Parameter Set: PARAM2
Index: 987000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE55F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE56A
Description: 56A
Directory: c:\rtelogs\log56A.log
Machine: RTRTE56
Parameter Set: PARAM2
Index: 990000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE56A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 0

Name: RTRTE56B
Description: 56B
Directory: c:\rtelogs\log56B.log
Machine: RTRTE56
Parameter Set: PARAM2
Index: 993000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE56B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE56C
Description: 56C
Directory: c:\rtelogs\log56C.log
Machine: RTRTE56
Parameter Set: PARAM2
Index: 996000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE56C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE56D
Description: 56D
Directory: c:\rtelogs\log56D.log
Machine: RTRTE56
Parameter Set: PARAM2
Index: 999000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE56D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE56E
Description: 56E
Directory: c:\rtelogs\log56E.log
Machine: RTRTE56
Parameter Set: PARAM2
Index: 1002000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE56E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE56F
Description: 56F

Directory: c:\rtelogs\log56F.log
Machine: RTRTE56
Parameter Set: PARAM2
Index: 1005000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE56F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE57A
Description: 57A
Directory: c:\rtelogs\log57A.log
Machine: RTRTE57
Parameter Set: PARAM2
Index: 1008000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE57A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE57B
Description: 57B
Directory: c:\rtelogs\log57B.log
Machine: RTRTE57
Parameter Set: PARAM2
Index: 1011000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE57B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE57C
Description: 57C
Directory: c:\rtelogs\log57C.log
Machine: RTRTE57
Parameter Set: PARAM2
Index: 1014000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE57C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE57D
Description: 57D
Directory: c:\rtelogs\log57D.log
Machine: RTRTE57
Parameter Set: PARAM2
Index: 1017000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE57D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE57E
Description: 57E
Directory: c:\rtelogs\log57E.log
Machine: RTRTE57
Parameter Set: PARAM2
Index: 1020000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE57E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE57F
Description: 57F
Directory: c:\rtelogs\log57F.log
Machine: RTRTE57
Parameter Set: PARAM2
Index: 1023000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE57F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE58A
Description: 58A
Directory: c:\rtelogs\log58A.log
Machine: RTRTE58
Parameter Set: PARAM2
Index: 1026000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE58A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE58B
Description: 58B
Directory: c:\rtelogs\log58B.log
Machine: RTRTE58
Parameter Set: PARAM2
Index: 1029000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE58B322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE58C
Description: 58C
Directory: c:\rtelogs\log58C.log
Machine: RTRTE58
Parameter Set: PARAM2
Index: 1032000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE58C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE58D
Description: 58D
Directory: c:\rtelogs\log58D.log
Machine: RTRTE58
Parameter Set: PARAM2
Index: 1035000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE58D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE58E
Description: 58E
Directory: c:\rtelogs\log58E.log
Machine: RTRTE58
Parameter Set: PARAM2
Index: 1038000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE58E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE58F
Description: 58F
Directory: c:\rtelogs\log58F.log
Machine: RTRTE58
Parameter Set: PARAM2
Index: 1041000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE58F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 1

Name: RTRTE59A
Description: 59A
Directory: c:\rtelogs\log59A.log
Machine: RTRTE59
Parameter Set: PARAM2
Index: 1044000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE59A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE59B
Description: 59B
Directory: c:\rtelogs\log59B.log
Machine: RTRTE59
Parameter Set: PARAM2
Index: 1047000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE59B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE59C
Description: 59C
Directory: c:\rtelogs\log59C.log
Machine: RTRTE59
Parameter Set: PARAM2
Index: 1050000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE59C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE59D
Description: 59D
Directory: c:\rtelogs\log59D.log
Machine: RTRTE59
Parameter Set: PARAM2
Index: 1053000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE59D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE59E
Description: 59E

Directory: c:\rtelogs\log59E.log
Machine: RTRTE59
Parameter Set: PARAM2
Index: 1056000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE59E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE59F
Description: 59F
Directory: c:\rtelogs\log59F.log
Machine: RTRTE59
Parameter Set: PARAM2
Index: 1059000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE59F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE60A
Description: 60A
Directory: c:\rtelogs\log60A.log
Machine: RTRTE60
Parameter Set: PARAM2
Index: 1062000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE60A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE60B
Description: 60B
Directory: c:\rtelogs\log60B.log
Machine: RTRTE60
Parameter Set: PARAM2
Index: 1065000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE60B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE60C
Description: 60C
Directory: c:\rtelogs\log60C.log
Machine: RTRTE60
Parameter Set: PARAM2
Index: 1068000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE60C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE60D
Description: 60D
Directory: c:\rtelogs\log60D.log
Machine: RTRTE60
Parameter Set: PARAM2
Index: 1071000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE60D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE60E
Description: 60E
Directory: c:\rtelogs\log60E.log
Machine: RTRTE60
Parameter Set: PARAM2
Index: 1074000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE60E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE60F
Description: 60F
Directory: c:\rtelogs\log60F.log
Machine: RTRTE60
Parameter Set: PARAM2
Index: 1077000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE60F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE61A
Description: 61A
Directory: c:\rtelogs\log61A.log
Machine: RTRTE61
Parameter Set: PARAM2
Index: 1080000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE61A322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE61B
Description: 61B
Directory: c:\rtelogs\log61B.log
Machine: RTRTE61
Parameter Set: PARAM2
Index: 1083000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE61B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE61C
Description: 61C
Directory: c:\rtelogs\log61C.log
Machine: RTRTE61
Parameter Set: PARAM2
Index: 1086000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE61C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE61D
Description: 61D
Directory: c:\rtelogs\log61D.log
Machine: RTRTE61
Parameter Set: PARAM2
Index: 1089000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE61D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE61E
Description: 61E
Directory: c:\rtelogs\log61E.log
Machine: RTRTE61
Parameter Set: PARAM2
Index: 1092000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE61E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 0

Name: RTRTE61F
Description: 61F
Directory: c:\rtelogs\log61F.log
Machine: RTRTE61
Parameter Set: PARAM2
Index: 1095000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE61F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE62A
Description: 62A
Directory: c:\rtelogs\log62A.log
Machine: RTRTE62
Parameter Set: PARAM2
Index: 1098000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE62A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE62B
Description: 62B
Directory: c:\rtelogs\log62B.log
Machine: RTRTE62
Parameter Set: PARAM2
Index: 1101000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE62B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE62C
Description: 62C
Directory: c:\rtelogs\log62C.log
Machine: RTRTE62
Parameter Set: PARAM2
Index: 1104000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE62C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE62D
Description: 62D

Directory: c:\rtelogs\log62D.log
Machine: RTRTE62
Parameter Set: PARAM2
Index: 1107000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE62D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE62E
Description: 62E
Directory: c:\rtelogs\log62E.log
Machine: RTRTE62
Parameter Set: PARAM2
Index: 1110000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE62E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE62F
Description: 62F
Directory: c:\rtelogs\log62F.log
Machine: RTRTE62
Parameter Set: PARAM2
Index: 1113000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE62F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE63A
Description: 63A
Directory: c:\rtelogs\log63A.log
Machine: RTRTE63
Parameter Set: PARAM2
Index: 1116000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE63A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE63B
Description: 63B
Directory: c:\rtelogs\log63B.log
Machine: RTRTE63
Parameter Set: PARAM2
Index: 1119000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE63B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE63C
Description: 63C
Directory: c:\rtelogs\log63C.log
Machine: RTRTE63
Parameter Set: PARAM2
Index: 1122000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE63C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE63D
Description: 63D
Directory: c:\rtelogs\log63D.log
Machine: RTRTE63
Parameter Set: PARAM2
Index: 1125000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE63D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE63E
Description: 63E
Directory: c:\rtelogs\log63E.log
Machine: RTRTE63
Parameter Set: PARAM2
Index: 1128000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE63E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE63F
Description: 63F
Directory: c:\rtelogs\log63F.log
Machine: RTRTE63
Parameter Set: PARAM2
Index: 1131000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE63F322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE64A
Description: 64A
Directory: c:\rtelogs\log64A.log
Machine: RTRTE64
Parameter Set: PARAM2
Index: 1134000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE64A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE64B
Description: 64B
Directory: c:\rtelogs\log64B.log
Machine: RTRTE64
Parameter Set: PARAM2
Index: 1137000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE64B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE64C
Description: 64C
Directory: c:\rtelogs\log64C.log
Machine: RTRTE64
Parameter Set: PARAM2
Index: 1140000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE64C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE64D
Description: 64D
Directory: c:\rtelogs\log64D.log
Machine: RTRTE64
Parameter Set: PARAM2
Index: 1143000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE64D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 1

Name: RTRTE64E
Description: 64E
Directory: c:\rtelogs\log64E.log
Machine: RTRTE64
Parameter Set: PARAM2
Index: 1146000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE64E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE64F
Description: 64F
Directory: c:\rtelogs\log64F.log
Machine: RTRTE64
Parameter Set: PARAM2
Index: 1149000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE64F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE65A
Description: 65A
Directory: c:\rtelogs\log65A.log
Machine: RTRTE65
Parameter Set: PARAM2
Index: 1152000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE65A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE65B
Description: 65B
Directory: c:\rtelogs\log65B.log
Machine: RTRTE65
Parameter Set: PARAM2
Index: 1155000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE65B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE65C
Description: 65C

Directory: c:\rtelogs\log65C.log
Machine: RTRTE65
Parameter Set: PARAM2
Index: 1158000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE65C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE65D
Description: 65D
Directory: c:\rtelogs\log65D.log
Machine: RTRTE65
Parameter Set: PARAM2
Index: 1161000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE65D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE65E
Description: 65E
Directory: c:\rtelogs\log65E.log
Machine: RTRTE65
Parameter Set: PARAM2
Index: 1164000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE65E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE65F
Description: 65F
Directory: c:\rtelogs\log65F.log
Machine: RTRTE65
Parameter Set: PARAM2
Index: 1167000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE65F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE66A
Description: 66A
Directory: c:\rtelogs\log66A.log
Machine: RTRTE66
Parameter Set: PARAM2
Index: 1170000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE66A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE66B
Description: 66B
Directory: c:\rtelogs\log66B.log
Machine: RTRTE66
Parameter Set: PARAM2
Index: 1173000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE66B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE66C
Description: 66C
Directory: c:\rtelogs\log66C.log
Machine: RTRTE66
Parameter Set: PARAM2
Index: 1176000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE66C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE66D
Description: 66D
Directory: c:\rtelogs\log66D.log
Machine: RTRTE66
Parameter Set: PARAM2
Index: 1179000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE66D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE66E
Description: 66E
Directory: c:\rtelogs\log66E.log
Machine: RTRTE66
Parameter Set: PARAM2
Index: 1182000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE66E322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE66F
Description: 66F
Directory: c:\rtelogs\log66F.log
Machine: RTRTE66
Parameter Set: PARAM2
Index: 1185000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE66F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE67A
Description: 67A
Directory: c:\rtelogs\log67A.log
Machine: RTRTE67
Parameter Set: PARAM2
Index: 1188000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE67A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE67B
Description: 67B
Directory: c:\rtelogs\log67B.log
Machine: RTRTE67
Parameter Set: PARAM2
Index: 1191000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE67B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE67C
Description: 67C
Directory: c:\rtelogs\log67C.log
Machine: RTRTE67
Parameter Set: PARAM2
Index: 1194000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE67C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 0

Name: RTRTE67D
Description: 67D
Directory: c:\rtelogs\log67D.log
Machine: RTRTE67
Parameter Set: PARAM2
Index: 1197000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE67D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE67E
Description: 67E
Directory: c:\rtelogs\log67E.log
Machine: RTRTE67
Parameter Set: PARAM2
Index: 1200000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE67E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE67F
Description: 67F
Directory: c:\rtelogs\log67F.log
Machine: RTRTE67
Parameter Set: PARAM2
Index: 1203000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE67F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE68A
Description: 68A
Directory: c:\rtelogs\log68A.log
Machine: RTRTE68
Parameter Set: PARAM2
Index: 1206000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE68A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE68B
Description: 68B

Directory: c:\rtelogs\log68B.log
Machine: RTRTE68
Parameter Set: PARAM2
Index: 1209000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE68B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE68C
Description: 68C
Directory: c:\rtelogs\log68C.log
Machine: RTRTE68
Parameter Set: PARAM2
Index: 1212000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE68C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE68D
Description: 68D
Directory: c:\rtelogs\log68D.log
Machine: RTRTE68
Parameter Set: PARAM2
Index: 1215000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE68D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE68E
Description: 68E
Directory: c:\rtelogs\log68E.log
Machine: RTRTE68
Parameter Set: PARAM2
Index: 1218000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE68E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE68F
Description: 68F
Directory: c:\rtelogs\log68F.log
Machine: RTRTE68
Parameter Set: PARAM2
Index: 1221000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE68F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE69A
Description: 69A
Directory: c:\rtelogs\log69A.log
Machine: RTRTE69
Parameter Set: PARAM2
Index: 1224000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE69A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE69B
Description: 69B
Directory: c:\rtelogs\log69B.log
Machine: RTRTE69
Parameter Set: PARAM2
Index: 1227000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE69B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE69C
Description: 69C
Directory: c:\rtelogs\log69C.log
Machine: RTRTE69
Parameter Set: PARAM2
Index: 1230000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE69C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE69D
Description: 69D
Directory: c:\rtelogs\log69D.log
Machine: RTRTE69
Parameter Set: PARAM2
Index: 1233000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE69D322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE69E
Description: 69E
Directory: c:\rtelogs\log69E.log
Machine: RTRTE69
Parameter Set: PARAM2
Index: 1236000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE69E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE69F
Description: 69F
Directory: c:\rtelogs\log69F.log
Machine: RTRTE69
Parameter Set: PARAM2
Index: 1239000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE69F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE70A
Description: 70A
Directory: c:\rtelogs\log70A.log
Machine: RTRTE70
Parameter Set: PARAM2
Index: 1242000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE70A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE70B
Description: 70B
Directory: c:\rtelogs\log70B.log
Machine: RTRTE70
Parameter Set: PARAM2
Index: 1245000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE70B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 1

Name: RTRTE70C
Description: 70C
Directory: c:\rtelogs\log70C.log
Machine: RTRTE70
Parameter Set: PARAM2
Index: 1248000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE70C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE70D
Description: 70D
Directory: c:\rtelogs\log70D.log
Machine: RTRTE70
Parameter Set: PARAM2
Index: 1251000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE70D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE70E
Description: 70E
Directory: c:\rtelogs\log70E.log
Machine: RTRTE70
Parameter Set: PARAM2
Index: 1254000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE70E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE70F
Description: 70F
Directory: c:\rtelogs\log70F.log
Machine: RTRTE70
Parameter Set: PARAM2
Index: 1257000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE70F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE71A
Description: 71A

Directory: c:\rtelogs\log71A.log
Machine: RTRTE71
Parameter Set: PARAM2
Index: 1260000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE71A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE71B
Description: 71B
Directory: c:\rtelogs\log71B.log
Machine: RTRTE71
Parameter Set: PARAM2
Index: 1263000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE71B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE71C
Description: 71C
Directory: c:\rtelogs\log71C.log
Machine: RTRTE71
Parameter Set: PARAM2
Index: 1266000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE71C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE71D
Description: 71D
Directory: c:\rtelogs\log71D.log
Machine: RTRTE71
Parameter Set: PARAM2
Index: 1269000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE71D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE71E
Description: 71E
Directory: c:\rtelogs\log71E.log
Machine: RTRTE71
Parameter Set: PARAM2
Index: 1272000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE71E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE71F
Description: 71F
Directory: c:\rtelogs\log71F.log
Machine: RTRTE71
Parameter Set: PARAM2
Index: 1275000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE71F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE72A
Description: 72A
Directory: c:\rtelogs\log72A.log
Machine: RTRTE72
Parameter Set: PARAM2
Index: 1278000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE72A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE72B
Description: 72B
Directory: c:\rtelogs\log72B.log
Machine: RTRTE72
Parameter Set: PARAM2
Index: 1281000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE72B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE72C
Description: 72C
Directory: c:\rtelogs\log72C.log
Machine: RTRTE72
Parameter Set: PARAM2
Index: 1284000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE72C322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE72D
Description: 72D
Directory: c:\rtelogs\log72D.log
Machine: RTRTE72
Parameter Set: PARAM2
Index: 1287000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE72D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE72E
Description: 72E
Directory: c:\rtelogs\log72E.log
Machine: RTRTE72
Parameter Set: PARAM2
Index: 1290000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE72E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE72F
Description: 72F
Directory: c:\rtelogs\log72F.log
Machine: RTRTE72
Parameter Set: PARAM2
Index: 1293000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE72F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE73A
Description: 73A
Directory: c:\rtelogs\log73A.log
Machine: RTRTE73
Parameter Set: PARAM2
Index: 1296000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE73A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 0

Name: RTRTE73B
Description: 73B
Directory: c:\rtelogs\log73B.log
Machine: RTRTE73
Parameter Set: PARAM2
Index: 1299000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE73B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE73C
Description: 73C
Directory: c:\rtelogs\log73C.log
Machine: RTRTE73
Parameter Set: PARAM2
Index: 1302000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE73C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE73D
Description: 73D
Directory: c:\rtelogs\log73D.log
Machine: RTRTE73
Parameter Set: PARAM2
Index: 1305000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE73D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE73E
Description: 73E
Directory: c:\rtelogs\log73E.log
Machine: RTRTE73
Parameter Set: PARAM2
Index: 1308000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE73E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE73F
Description: 73F

Directory: c:\rtelogs\log73F.log
Machine: RTRTE73
Parameter Set: PARAM2
Index: 1311000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE73F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE74A
Description: 74A
Directory: c:\rtelogs\log74A.log
Machine: RTRTE74
Parameter Set: PARAM2
Index: 1314000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE74A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE74B
Description: 74B
Directory: c:\rtelogs\log74B.log
Machine: RTRTE74
Parameter Set: PARAM2
Index: 1317000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE74B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE74C
Description: 74C
Directory: c:\rtelogs\log74C.log
Machine: RTRTE74
Parameter Set: PARAM2
Index: 1320000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE74C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE74D
Description: 74D
Directory: c:\rtelogs\log74D.log
Machine: RTRTE74
Parameter Set: PARAM2
Index: 1323000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE74D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE74E
Description: 74E
Directory: c:\rtelogs\log74E.log
Machine: RTRTE74
Parameter Set: PARAM2
Index: 1326000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE74E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE74F
Description: 74F
Directory: c:\rtelogs\log74F.log
Machine: RTRTE74
Parameter Set: PARAM2
Index: 1329000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE74F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE75A
Description: 75A
Directory: c:\rtelogs\log75A.log
Machine: RTRTE75
Parameter Set: PARAM2
Index: 1332000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE75A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE75B
Description: 75B
Directory: c:\rtelogs\log75B.log
Machine: RTRTE75
Parameter Set: PARAM2
Index: 1335000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE75B322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE75C
Description: 75C
Directory: c:\rtelogs\log75C.log
Machine: RTRTE75
Parameter Set: PARAM2
Index: 1338000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE75C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE75D
Description: 75D
Directory: c:\rtelogs\log75D.log
Machine: RTRTE75
Parameter Set: PARAM2
Index: 1341000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE75D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE75E
Description: 75E
Directory: c:\rtelogs\log75E.log
Machine: RTRTE75
Parameter Set: PARAM2
Index: 1344000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE75E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE75F
Description: 75F
Directory: c:\rtelogs\log75F.log
Machine: RTRTE75
Parameter Set: PARAM2
Index: 1347000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE75F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 1

Name: RTRTE76A
Description: 76A
Directory: c:\rtelogs\log76A.log
Machine: RTRTE76
Parameter Set: PARAM2
Index: 1350000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE76A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE76B
Description: 76B
Directory: c:\rtelogs\log76B.log
Machine: RTRTE76
Parameter Set: PARAM2
Index: 1353000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE76B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE76C
Description: 76C
Directory: c:\rtelogs\log76C.log
Machine: RTRTE76
Parameter Set: PARAM2
Index: 1356000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE76C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE76D
Description: 76D
Directory: c:\rtelogs\log76D.log
Machine: RTRTE76
Parameter Set: PARAM2
Index: 1359000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE76D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE76E
Description: 76E

Directory: c:\rtelogs\log76E.log
Machine: RTRTE76
Parameter Set: PARAM2
Index: 1362000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE76E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE76F
Description: 76F
Directory: c:\rtelogs\log76F.log
Machine: RTRTE76
Parameter Set: PARAM2
Index: 1365000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE76F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE77A
Description: 77A
Directory: c:\rtelogs\log77A.log
Machine: RTRTE77
Parameter Set: PARAM2
Index: 1368000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE77A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE77B
Description: 77B
Directory: c:\rtelogs\log77B.log
Machine: RTRTE77
Parameter Set: PARAM2
Index: 1371000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE77B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE77C
Description: 77C
Directory: c:\rtelogs\log77C.log
Machine: RTRTE77
Parameter Set: PARAM2
Index: 1374000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE77C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE77D
Description: 77D
Directory: c:\rtelogs\log77D.log
Machine: RTRTE77
Parameter Set: PARAM2
Index: 1377000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE77D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE77E
Description: 77E
Directory: c:\rtelogs\log77E.log
Machine: RTRTE77
Parameter Set: PARAM2
Index: 1380000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE77E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE77F
Description: 77F
Directory: c:\rtelogs\log77F.log
Machine: RTRTE77
Parameter Set: PARAM2
Index: 1383000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE77F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE78A
Description: 78A
Directory: c:\rtelogs\log78A.log
Machine: RTRTE78
Parameter Set: PARAM2
Index: 1386000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE78A322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE78B
Description: 78B
Directory: c:\rtelogs\log78B.log
Machine: RTRTE78
Parameter Set: PARAM2
Index: 1389000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE78B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE78C
Description: 78C
Directory: c:\rtelogs\log78C.log
Machine: RTRTE78
Parameter Set: PARAM2
Index: 1392000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE78C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE78D
Description: 78D
Directory: c:\rtelogs\log78D.log
Machine: RTRTE78
Parameter Set: PARAM2
Index: 1395000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE78D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE78E
Description: 78E
Directory: c:\rtelogs\log78E.log
Machine: RTRTE78
Parameter Set: PARAM2
Index: 1398000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE78E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 0

Name: RTRTE78F
Description: 78F
Directory: c:\rtelogs\log78F.log
Machine: RTRTE78
Parameter Set: PARAM2
Index: 1401000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE78F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE79A
Description: 79A
Directory: c:\rtelogs\log79A.log
Machine: RTRTE79
Parameter Set: PARAM2
Index: 1404000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE79A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE79B
Description: 79B
Directory: c:\rtelogs\log79B.log
Machine: RTRTE79
Parameter Set: PARAM2
Index: 1407000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE79B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE79C
Description: 79C
Directory: c:\rtelogs\log79C.log
Machine: RTRTE79
Parameter Set: PARAM2
Index: 1410000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE79C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE79D
Description: 79D

Directory: c:\rtelogs\log79D.log
Machine: RTRTE79
Parameter Set: PARAM2
Index: 1413000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE79D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE79E
Description: 79E
Directory: c:\rtelogs\log79E.log
Machine: RTRTE79
Parameter Set: PARAM2
Index: 1416000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE79E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE79F
Description: 79F
Directory: c:\rtelogs\log79F.log
Machine: RTRTE79
Parameter Set: PARAM2
Index: 1419000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE79F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE80A
Description: 80A
Directory: c:\rtelogs\log80A.log
Machine: RTRTE80
Parameter Set: PARAM2
Index: 1422000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE80A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE80B
Description: 80B
Directory: c:\rtelogs\log80B.log
Machine: RTRTE80
Parameter Set: PARAM2
Index: 1425000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE80B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE80C
Description: 80C
Directory: c:\rtelogs\log80C.log
Machine: RTRTE80
Parameter Set: PARAM2
Index: 1428000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE80C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE80D
Description: 80D
Directory: c:\rtelogs\log80D.log
Machine: RTRTE80
Parameter Set: PARAM2
Index: 1431000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE80D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE80E
Description: 80E
Directory: c:\rtelogs\log80E.log
Machine: RTRTE80
Parameter Set: PARAM2
Index: 1434000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE80E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE80F
Description: 80F
Directory: c:\rtelogs\log80F.log
Machine: RTRTE80
Parameter Set: PARAM2
Index: 1437000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE80F322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE81A
Description: 81A
Directory: c:\rtelogs\log81A.log
Machine: RTRTE81
Parameter Set: PARAM2
Index: 1440000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE81A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE81B
Description: 81B
Directory: c:\rtelogs\log81B.log
Machine: RTRTE81
Parameter Set: PARAM2
Index: 1443000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE81B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE81C
Description: 81C
Directory: c:\rtelogs\log81C.log
Machine: RTRTE81
Parameter Set: PARAM2
Index: 1446000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE81C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE81D
Description: 81D
Directory: c:\rtelogs\log81D.log
Machine: RTRTE81
Parameter Set: PARAM2
Index: 1449000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE81D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 1

Name: RTRTE81E
Description: 81E
Directory: c:\rtelogs\log81E.log
Machine: RTRTE81
Parameter Set: PARAM2
Index: 1452000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE81E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE81F
Description: 81F
Directory: c:\rtelogs\log81F.log
Machine: RTRTE81
Parameter Set: PARAM2
Index: 1455000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE81F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE82A
Description: 82A
Directory: c:\rtelogs\log82A.log
Machine: RTRTE82
Parameter Set: PARAM2
Index: 1458000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE82A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE82B
Description: 82B
Directory: c:\rtelogs\log82B.log
Machine: RTRTE82
Parameter Set: PARAM2
Index: 1461000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE82B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE82C
Description: 82C

Directory: c:\rtelogs\log82C.log
Machine: RTRTE82
Parameter Set: PARAM2
Index: 1464000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE82C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE82D
Description: 82D
Directory: c:\rtelogs\log82D.log
Machine: RTRTE82
Parameter Set: PARAM2
Index: 1467000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE82D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE82E
Description: 82E
Directory: c:\rtelogs\log82E.log
Machine: RTRTE82
Parameter Set: PARAM2
Index: 1470000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE82E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE82F
Description: 82F
Directory: c:\rtelogs\log82F.log
Machine: RTRTE82
Parameter Set: PARAM2
Index: 1473000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE82F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE83A
Description: 83A
Directory: c:\rtelogs\log83A.log
Machine: RTRTE83
Parameter Set: PARAM2
Index: 1476000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE83A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE83B
Description: 83B
Directory: c:\rtelogs\log83B.log
Machine: RTRTE83
Parameter Set: PARAM2
Index: 1479000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE83B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE83C
Description: 83C
Directory: c:\rtelogs\log83C.log
Machine: RTRTE83
Parameter Set: PARAM2
Index: 1482000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE83C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE83D
Description: 83D
Directory: c:\rtelogs\log83D.log
Machine: RTRTE83
Parameter Set: PARAM2
Index: 1485000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE83D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE83E
Description: 83E
Directory: c:\rtelogs\log83E.log
Machine: RTRTE83
Parameter Set: PARAM2
Index: 1488000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE83E322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE83F
Description: 83F
Directory: c:\rtelogs\log83F.log
Machine: RTRTE83
Parameter Set: PARAM2
Index: 1491000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE83F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE84A
Description: 84A
Directory: c:\rtelogs\log84A.log
Machine: RTRTE84
Parameter Set: PARAM2
Index: 1494000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE84A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE84B
Description: 84B
Directory: c:\rtelogs\log84B.log
Machine: RTRTE84
Parameter Set: PARAM2
Index: 1497000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE84B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE84C
Description: 84C
Directory: c:\rtelogs\log84C.log
Machine: RTRTE84
Parameter Set: PARAM2
Index: 1500000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE84C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 0

Name: RTRTE84D
Description: 84D
Directory: c:\rtelogs\log84D.log
Machine: RTRTE84
Parameter Set: PARAM2
Index: 1503000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE84D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE84E
Description: 84E
Directory: c:\rtelogs\log84E.log
Machine: RTRTE84
Parameter Set: PARAM2
Index: 1506000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE84E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE84F
Description: 84F
Directory: c:\rtelogs\log84F.log
Machine: RTRTE84
Parameter Set: PARAM2
Index: 1509000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE84F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE85A
Description: 85A
Directory: c:\rtelogs\log85A.log
Machine: RTRTE85
Parameter Set: PARAM2
Index: 1512000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE85A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE85B
Description: 85B

Directory: c:\rtelogs\log85B.log
Machine: RTRTE85
Parameter Set: PARAM2
Index: 1515000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE85B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE85C
Description: 85C
Directory: c:\rtelogs\log85C.log
Machine: RTRTE85
Parameter Set: PARAM2
Index: 1518000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE85C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE85D
Description: 85D
Directory: c:\rtelogs\log85D.log
Machine: RTRTE85
Parameter Set: PARAM2
Index: 1521000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE85D322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE85E
Description: 85E
Directory: c:\rtelogs\log85E.log
Machine: RTRTE85
Parameter Set: PARAM2
Index: 1524000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE85E322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE85F
Description: 85F
Directory: c:\rtelogs\log85F.log
Machine: RTRTE85
Parameter Set: PARAM2
Index: 1527000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE85F322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE86A
Description: 86A
Directory: c:\rtelogs\log86A.log
Machine: RTRTE86
Parameter Set: PARAM2
Index: 1530000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE86A322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE86B
Description: 86B
Directory: c:\rtelogs\log86B.log
Machine: RTRTE86
Parameter Set: PARAM2
Index: 1533000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE86B322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE86C
Description: 86C
Directory: c:\rtelogs\log86C.log
Machine: RTRTE86
Parameter Set: PARAM2
Index: 1536000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE86C322968015
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE86D
Description: 86D
Directory: c:\rtelogs\log86D.log
Machine: RTRTE86
Parameter Set: PARAM2
Index: 1539000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE86D322968015
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE86E
Description: 86E
Directory: c:\rtelogs\log86E.log
Machine: RTRTE86
Parameter Set: PARAM2
Index: 1542000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE86E322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE86F
Description: 86F
Directory: c:\rtelogs\log86F.log
Machine: RTRTE86
Parameter Set: PARAM2
Index: 1545000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE86F322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE87A
Description: 87A
Directory: c:\rtelogs\log87A.log
Machine: RTRTE87
Parameter Set: PARAM2
Index: 1548000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE87A322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE87B
Description: 87B
Directory: c:\rtelogs\log87B.log
Machine: RTRTE87
Parameter Set: PARAM2
Index: 1551000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE87B322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 1

Name: RTRTE87C
Description: 87C
Directory: c:\rtelogs\log87C.log
Machine: RTRTE87
Parameter Set: PARAM2
Index: 1554000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE87C322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE87D
Description: 87D
Directory: c:\rtelogs\log87D.log
Machine: RTRTE87
Parameter Set: PARAM2
Index: 1557000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE87D322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE87E
Description: 87E
Directory: c:\rtelogs\log87E.log
Machine: RTRTE87
Parameter Set: PARAM2
Index: 1560000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE87E322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE87F
Description: 87F
Directory: c:\rtelogs\log87F.log
Machine: RTRTE87
Parameter Set: PARAM2
Index: 1563000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE87F322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE88A
Description: 88A

Directory: c:\rtelogs\log88A.log
Machine: RTRTE88
Parameter Set: PARAM2
Index: 1566000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE88A322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE88B
Description: 88B
Directory: c:\rtelogs\log88B.log
Machine: RTRTE88
Parameter Set: PARAM2
Index: 1569000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE88B322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE88C
Description: 88C
Directory: c:\rtelogs\log88C.log
Machine: RTRTE88
Parameter Set: PARAM2
Index: 1572000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE88C322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE88D
Description: 88D
Directory: c:\rtelogs\log88D.log
Machine: RTRTE88
Parameter Set: PARAM2
Index: 1575000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE88D322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE88E
Description: 88E
Directory: c:\rtelogs\log88E.log
Machine: RTRTE88
Parameter Set: PARAM2
Index: 1578000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE88E322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE88F
Description: 88F
Directory: c:\rtelogs\log88F.log
Machine: RTRTE88
Parameter Set: PARAM2
Index: 1581000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE88F322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE89A
Description: 89A
Directory: c:\rtelogs\log89A.log
Machine: RTRTE89
Parameter Set: PARAM2
Index: 1584000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE89A322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE89B
Description: 89B
Directory: c:\rtelogs\log89B.log
Machine: RTRTE89
Parameter Set: PARAM2
Index: 1587000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE89B322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE89C
Description: 89C
Directory: c:\rtelogs\log89C.log
Machine: RTRTE89
Parameter Set: PARAM2
Index: 1590000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE89C322968031
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE89D
Description: 89D
Directory: c:\rtelogs\log89D.log
Machine: RTRTE89
Parameter Set: PARAM2
Index: 1593000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE89D322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE89E
Description: 89E
Directory: c:\rtelogs\log89E.log
Machine: RTRTE89
Parameter Set: PARAM2
Index: 1596000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE89E322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE89F
Description: 89F
Directory: c:\rtelogs\log89F.log
Machine: RTRTE89
Parameter Set: PARAM2
Index: 1599000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE89F322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE90A
Description: 90A
Directory: c:\rtelogs\log90A.log
Machine: RTRTE90
Parameter Set: PARAM2
Index: 1602000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE90A322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 0

Name: RTRTE90B
Description: 90B
Directory: c:\rtelogs\log90B.log
Machine: RTRTE90
Parameter Set: PARAM2
Index: 1605000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE90B322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE90C
Description: 90C
Directory: c:\rtelogs\log90C.log
Machine: RTRTE90
Parameter Set: PARAM2
Index: 1608000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE90C322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE90D
Description: 90D
Directory: c:\rtelogs\log90D.log
Machine: RTRTE90
Parameter Set: PARAM2
Index: 1611000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE90D322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE90E
Description: 90E
Directory: c:\rtelogs\log90E.log
Machine: RTRTE90
Parameter Set: PARAM2
Index: 1614000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE90E322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE90F
Description: 90F

Directory: c:\rtelogs\log90F.log
Machine: RTRTE90
Parameter Set: PARAM2
Index: 1617000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE90F322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE91A
Description: 91A
Directory: c:\rtelogs\log91A.log
Machine: RTRTE91
Parameter Set: PARAM2
Index: 1620000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE91A322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE91B
Description: 91B
Directory: c:\rtelogs\log91B.log
Machine: RTRTE91
Parameter Set: PARAM2
Index: 1623000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE91B322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE91C
Description: 91C
Directory: c:\rtelogs\log91C.log
Machine: RTRTE91
Parameter Set: PARAM2
Index: 1626000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE91C322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE91D
Description: 91D
Directory: c:\rtelogs\log91D.log
Machine: RTRTE91
Parameter Set: PARAM2
Index: 1629000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE91D322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE91E
Description: 91E
Directory: c:\rtelogs\log91E.log
Machine: RTRTE91
Parameter Set: PARAM2
Index: 1632000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE91E322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE91F
Description: 91F
Directory: c:\rtelogs\log91F.log
Machine: RTRTE91
Parameter Set: PARAM2
Index: 1635000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE91F322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE92A
Description: 92A
Directory: c:\rtelogs\log92A.log
Machine: RTRTE92
Parameter Set: PARAM2
Index: 1638000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE92A322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE92B
Description: 92B
Directory: c:\rtelogs\log92B.log
Machine: RTRTE92
Parameter Set: PARAM2
Index: 1641000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE92B322968031
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE92C
Description: 92C
Directory: c:\rtelogs\log92C.log
Machine: RTRTE92
Parameter Set: PARAM2
Index: 1644000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE92C322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE92D
Description: 92D
Directory: c:\rtelogs\log92D.log
Machine: RTRTE92
Parameter Set: PARAM2
Index: 1647000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE92D322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE92E
Description: 92E
Directory: c:\rtelogs\log92E.log
Machine: RTRTE92
Parameter Set: PARAM2
Index: 1650000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE92E322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE92F
Description: 92F
Directory: c:\rtelogs\log92F.log
Machine: RTRTE92
Parameter Set: PARAM2
Index: 1653000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE92F322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 1

Name: RTRTE93A
Description: 93A
Directory: c:\rtelogs\log93A.log
Machine: RTRTE93
Parameter Set: PARAM2
Index: 1656000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE93A322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE93B
Description: 93B
Directory: c:\rtelogs\log93B.log
Machine: RTRTE93
Parameter Set: PARAM2
Index: 1659000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE93B322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE93C
Description: 93C
Directory: c:\rtelogs\log93C.log
Machine: RTRTE93
Parameter Set: PARAM2
Index: 1662000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE93C322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE93D
Description: 93D
Directory: c:\rtelogs\log93D.log
Machine: RTRTE93
Parameter Set: PARAM2
Index: 1665000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE93D322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE93E
Description: 93E

Directory: c:\rtelogs\log93E.log
Machine: RTRTE93
Parameter Set: PARAM2
Index: 1668000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE93E322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE93F
Description: 93F
Directory: c:\rtelogs\log93F.log
Machine: RTRTE93
Parameter Set: PARAM2
Index: 1671000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE93F322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE94A
Description: 94A
Directory: c:\rtelogs\log94A.log
Machine: RTRTE94
Parameter Set: PARAM2
Index: 1674000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE94A322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE94B
Description: 94B
Directory: c:\rtelogs\log94B.log
Machine: RTRTE94
Parameter Set: PARAM2
Index: 1677000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE94B322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE94C
Description: 94C
Directory: c:\rtelogs\log94C.log
Machine: RTRTE94
Parameter Set: PARAM2
Index: 1680000000

Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE94C322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE94D
Description: 94D
Directory: c:\rtelogs\log94D.log
Machine: RTRTE94
Parameter Set: PARAM2
Index: 1683000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE94D322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE94E
Description: 94E
Directory: c:\rtelogs\log94E.log
Machine: RTRTE94
Parameter Set: PARAM2
Index: 1686000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE94E322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE94F
Description: 94F
Directory: c:\rtelogs\log94F.log
Machine: RTRTE94
Parameter Set: PARAM2
Index: 1689000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE94F322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE95A
Description: 95A
Directory: c:\rtelogs\log95A.log
Machine: RTRTE95
Parameter Set: PARAM2
Index: 1692000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE95A322968031
Connect Rate: 140

Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE95B
Description: 95B
Directory: c:\rtelogs\log95B.log
Machine: RTRTE95
Parameter Set: PARAM2
Index: 1695000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE95B322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE95C
Description: 95C
Directory: c:\rtelogs\log95C.log
Machine: RTRTE95
Parameter Set: PARAM2
Index: 1698000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE95C322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE95D
Description: 95D
Directory: c:\rtelogs\log95D.log
Machine: RTRTE95
Parameter Set: PARAM2
Index: 1701000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE95D322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE95E
Description: 95E
Directory: c:\rtelogs\log95E.log
Machine: RTRTE95
Parameter Set: PARAM2
Index: 1704000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE95E322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233

CPU: 0

Name: RTRTE95F
Description: 95F
Directory: c:\rtelogs\log95F.log
Machine: RTRTE95
Parameter Set: PARAM2
Index: 1707000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE95F322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE96A
Description: 96A
Directory: c:\rtelogs\log96A.log
Machine: RTRTE96
Parameter Set: PARAM2
Index: 1710000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE96A322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE96B
Description: 96B
Directory: c:\rtelogs\log96B.log
Machine: RTRTE96
Parameter Set: PARAM2
Index: 1713000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE96B322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE96C
Description: 96C
Directory: c:\rtelogs\log96C.log
Machine: RTRTE96
Parameter Set: PARAM2
Index: 1716000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE96C322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE96D
Description: 96D

Directory: c:\rtelogs\log96D.log
Machine: RTRTE96
Parameter Set: PARAM2
Index: 1719000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE96D322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Name: RTRTE96E
Description: 96E
Directory: c:\rtelogs\log96E.log
Machine: RTRTE96
Parameter Set: PARAM2
Index: 1722000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE96E322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 0

Name: RTRTE96F
Description: 96F
Directory: c:\rtelogs\log96F.log
Machine: RTRTE96
Parameter Set: PARAM2
Index: 1725000000
Seed: 46329
Configured Users: 1000
Pipe Name: RTRTE96F322968031
Connect Rate: 140
Start Rate: 0
Max. Concurrency: 1000
Concurrency Rate: 10
CLIENT_NURAND: 233
CPU: 1

Number of User groups: 576

Driver Engine: RTRTE01A
IIS Server: RTCLIENT01A
SQL Server: RTNODE01CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 1 - 100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE01B
IIS Server: RTCLIENT01B
SQL Server: RTNODE01CL
Database: tpcc
User: sa
Protocol: HTML

w_id Range: 101 - 200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE01C
IIS Server: RTCLIENT01C
SQL Server: RTNODE01CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 201 - 300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE01D
IIS Server: RTCLIENT01D
SQL Server: RTNODE01CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 301 - 400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE01E
IIS Server: RTCLIENT01E
SQL Server: RTNODE01CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 401 - 500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE01F
IIS Server: RTCLIENT01F
SQL Server: RTNODE01CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 501 - 600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE02A
IIS Server: RTCLIENT02A
SQL Server: RTNODE01CL
Database: tpcc

User: sa
Protocol: HTML
w_id Range: 601 - 700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE02B
IIS Server: RTCLIENT02B
SQL Server: RTNODE01CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 701 - 800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE02C
IIS Server: RTCLIENT02C
SQL Server: RTNODE01CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 801 - 900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE02D
IIS Server: RTCLIENT02D
SQL Server: RTNODE01CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 901 - 1000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE02E
IIS Server: RTCLIENT02E
SQL Server: RTNODE01CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 1001 - 1100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE02F
IIS Server: RTCLIENT02F

SQL Server: RTNODE01CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 1101 - 1200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE03A
IIS Server: RTCLIENT03A
SQL Server: RTNODE01CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 1201 - 1300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE03B
IIS Server: RTCLIENT03B
SQL Server: RTNODE01CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 1301 - 1400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE03C
IIS Server: RTCLIENT03C
SQL Server: RTNODE01CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 1401 - 1500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE03D
IIS Server: RTCLIENT03D
SQL Server: RTNODE01CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 1501 - 1600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE03E
IIS Server: RTCLIENT03E
SQL Server: RTNODE01CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 1601 - 1700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE03F
IIS Server: RTCLIENT03F
SQL Server: RTNODE01CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 1701 - 1800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE04A
IIS Server: RTCLIENT04A
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 1801 - 1900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE04B
IIS Server: RTCLIENT04B
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 1901 - 2000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE04C
IIS Server: RTCLIENT04C
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 2001 - 2100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1

Scale Down: No

Driver Engine: RTRTE04D
IIS Server: RTCLIENT04D
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 2101 - 2200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE04E
IIS Server: RTCLIENT04E
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 2201 - 2300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE04F
IIS Server: RTCLIENT04F
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 2301 - 2400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE05A
IIS Server: RTCLIENT05A
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 2401 - 2500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE05B
IIS Server: RTCLIENT05B
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 2501 - 2600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal

User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE05C
IIS Server: RTCLIENT05C
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 2601 - 2700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE05D
IIS Server: RTCLIENT05D
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 2701 - 2800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE05E
IIS Server: RTCLIENT05E
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 2801 - 2900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE05F
IIS Server: RTCLIENT05F
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 2901 - 3000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE06A
IIS Server: RTCLIENT06A
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 3001 - 3100
w_id Min Warehouse: 1

w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE06B
IIS Server: RTCLIENT06B
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 3101 - 3200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE06C
IIS Server: RTCLIENT06C
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 3201 - 3300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE06D
IIS Server: RTCLIENT06D
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 3301 - 3400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE06E
IIS Server: RTCLIENT06E
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 3401 - 3500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE06F
IIS Server: RTCLIENT06F
SQL Server: RTNODE02CL
Database: tpcc
User: sa
Protocol: HTML

w_id Range: 3501 - 3600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE07A
IIS Server: RTCLIENT07A
SQL Server: RTNODE03CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 3601 - 3700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE07B
IIS Server: RTCLIENT07B
SQL Server: RTNODE03CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 3701 - 3800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE07C
IIS Server: RTCLIENT07C
SQL Server: RTNODE03CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 3801 - 3900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE07D
IIS Server: RTCLIENT07D
SQL Server: RTNODE03CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 3901 - 4000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE07E
IIS Server: RTCLIENT07E
SQL Server: RTNODE03CL
Database: tpcc

User: sa
Protocol: HTML
w_id Range: 4001 - 4100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE07F
IIS Server: RTCLIENT07F
SQL Server: RTNODE03CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 4101 - 4200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE08A
IIS Server: RTCLIENT08A
SQL Server: RTNODE03CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 4201 - 4300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE08B
IIS Server: RTCLIENT08B
SQL Server: RTNODE03CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 4301 - 4400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE08C
IIS Server: RTCLIENT08C
SQL Server: RTNODE03CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 4401 - 4500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE08D
IIS Server: RTCLIENT08D

SQL Server: RTNODE03CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 4501 - 4600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE08E
IIS Server: RTCLIENT08E
SQL Server: RTNODE03CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 4601 - 4700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE08F
IIS Server: RTCLIENT08F
SQL Server: RTNODE03CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 4701 - 4800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE09A
IIS Server: RTCLIENT09A
SQL Server: RTNODE03CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 4801 - 4900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE09B
IIS Server: RTCLIENT09B
SQL Server: RTNODE03CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 4901 - 5000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE09C
IIS Server: RTCLIENT09C
SQL Server: RTNODE03CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 5001 - 5100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE09D
IIS Server: RTCLIENT09D
SQL Server: RTNODE03CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 5101 - 5200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE09E
IIS Server: RTCLIENT09E
SQL Server: RTNODE03CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 5201 - 5300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE09F
IIS Server: RTCLIENT09F
SQL Server: RTNODE03CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 5301 - 5400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE10A
IIS Server: RTCLIENT10A
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 5401 - 5500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1

Scale Down: No

Driver Engine: RTRTE10B
IIS Server: RTCLIENT10B
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 5501 - 5600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE10C
IIS Server: RTCLIENT10C
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 5601 - 5700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE10D
IIS Server: RTCLIENT10D
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 5701 - 5800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE10E
IIS Server: RTCLIENT10E
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 5801 - 5900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE10F
IIS Server: RTCLIENT10F
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 5901 - 6000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal

User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE11A
IIS Server: RTCLIENT11A
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 6001 - 6100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE11B
IIS Server: RTCLIENT11B
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 6101 - 6200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE11C
IIS Server: RTCLIENT11C
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 6201 - 6300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE11D
IIS Server: RTCLIENT11D
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 6301 - 6400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE11E
IIS Server: RTCLIENT11E
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 6401 - 6500
w_id Min Warehouse: 1

w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE11F
IIS Server: RTCLIENT11F
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 6501 - 6600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE12A
IIS Server: RTCLIENT12A
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 6601 - 6700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE12B
IIS Server: RTCLIENT12B
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 6701 - 6800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE12C
IIS Server: RTCLIENT12C
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 6801 - 6900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE12D
IIS Server: RTCLIENT12D
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML

w_id Range: 6901 - 7000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE12E
IIS Server: RTCLIENT12E
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 7001 - 7100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE12F
IIS Server: RTCLIENT12F
SQL Server: RTNODE04CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 7101 - 7200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE13A
IIS Server: RTCLIENT13A
SQL Server: RTNODE05CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 7201 - 7300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE13B
IIS Server: RTCLIENT13B
SQL Server: RTNODE05CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 7301 - 7400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE13C
IIS Server: RTCLIENT13C
SQL Server: RTNODE05CL
Database: tpcc

User: sa
Protocol: HTML
w_id Range: 7401 - 7500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE13D
IIS Server: RTCLIENT13D
SQL Server: RTNODE05CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 7501 - 7600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE13E
IIS Server: RTCLIENT13E
SQL Server: RTNODE05CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 7601 - 7700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE13F
IIS Server: RTCLIENT13F
SQL Server: RTNODE05CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 7701 - 7800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE14A
IIS Server: RTCLIENT14A
SQL Server: RTNODE05CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 7801 - 7900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE14B
IIS Server: RTCLIENT14B

SQL Server: RTNODE05CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 7901 - 8000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE14C
IIS Server: RTCLIENT14C
SQL Server: RTNODE05CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 8001 - 8100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE14D
IIS Server: RTCLIENT14D
SQL Server: RTNODE05CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 8101 - 8200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE14E
IIS Server: RTCLIENT14E
SQL Server: RTNODE05CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 8201 - 8300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE14F
IIS Server: RTCLIENT14F
SQL Server: RTNODE05CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 8301 - 8400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE15A
IIS Server: RTCLIENT15A
SQL Server: RTNODE05CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 8401 - 8500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE15B
IIS Server: RTCLIENT15B
SQL Server: RTNODE05CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 8501 - 8600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE15C
IIS Server: RTCLIENT15C
SQL Server: RTNODE05CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 8601 - 8700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE15D
IIS Server: RTCLIENT15D
SQL Server: RTNODE05CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 8701 - 8800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE15E
IIS Server: RTCLIENT15E
SQL Server: RTNODE05CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 8801 - 8900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1

Scale Down: No

Driver Engine: RTRTE15F
IIS Server: RTCLIENT15F
SQL Server: RTNODE05CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 8901 - 9000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE16A
IIS Server: RTCLIENT16A
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 9001 - 9100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE16B
IIS Server: RTCLIENT16B
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 9101 - 9200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE16C
IIS Server: RTCLIENT16C
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 9201 - 9300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE16D
IIS Server: RTCLIENT16D
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 9301 - 9400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal

User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE16E
IIS Server: RTCLIENT16E
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 9401 - 9500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE16F
IIS Server: RTCLIENT16F
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 9501 - 9600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE17A
IIS Server: RTCLIENT17A
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 9601 - 9700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE17B
IIS Server: RTCLIENT17B
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 9701 - 9800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE17C
IIS Server: RTCLIENT17C
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 9801 - 9900
w_id Min Warehouse: 1

w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE17D
IIS Server: RTCLIENT17D
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 9901 - 10000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE17E
IIS Server: RTCLIENT17E
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 10001 - 10100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE17F
IIS Server: RTCLIENT17F
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 10101 - 10200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE18A
IIS Server: RTCLIENT18A
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 10201 - 10300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE18B
IIS Server: RTCLIENT18B
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML

w_id Range: 10301 - 10400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE18C
IIS Server: RTCLIENT18C
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 10401 - 10500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE18D
IIS Server: RTCLIENT18D
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 10501 - 10600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE18E
IIS Server: RTCLIENT18E
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 10601 - 10700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE18F
IIS Server: RTCLIENT18F
SQL Server: RTNODE06CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 10701 - 10800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE19A
IIS Server: RTCLIENT19A
SQL Server: RTNODE07CL
Database: tpcc

User: sa
Protocol: HTML
w_id Range: 10801 - 10900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE19B
IIS Server: RTCLIENT19B
SQL Server: RTNODE07CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 10901 - 11000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE19C
IIS Server: RTCLIENT19C
SQL Server: RTNODE07CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 11001 - 11100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE19D
IIS Server: RTCLIENT19D
SQL Server: RTNODE07CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 11101 - 11200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE19E
IIS Server: RTCLIENT19E
SQL Server: RTNODE07CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 11201 - 11300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE19F
IIS Server: RTCLIENT19F

SQL Server: RTNODE07CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 11301 - 11400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE20A
IIS Server: RTCLIENT20A
SQL Server: RTNODE07CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 11401 - 11500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE20B
IIS Server: RTCLIENT20B
SQL Server: RTNODE07CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 11501 - 11600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE20C
IIS Server: RTCLIENT20C
SQL Server: RTNODE07CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 11601 - 11700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE20D
IIS Server: RTCLIENT20D
SQL Server: RTNODE07CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 11701 - 11800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE20E
IIS Server: RTCLIENT20E
SQL Server: RTNODE07CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 11801 - 11900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE20F
IIS Server: RTCLIENT20F
SQL Server: RTNODE07CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 11901 - 12000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE21A
IIS Server: RTCLIENT21A
SQL Server: RTNODE07CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 12001 - 12100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE21B
IIS Server: RTCLIENT21B
SQL Server: RTNODE07CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 12101 - 12200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE21C
IIS Server: RTCLIENT21C
SQL Server: RTNODE07CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 12201 - 12300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1

Scale Down: No

Driver Engine: RTRTE21D
IIS Server: RTCLIENT21D
SQL Server: RTNODE07CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 12301 - 12400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE21E
IIS Server: RTCLIENT21E
SQL Server: RTNODE07CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 12401 - 12500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE21F
IIS Server: RTCLIENT21F
SQL Server: RTNODE07CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 12501 - 12600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE22A
IIS Server: RTCLIENT22A
SQL Server: RTNODE08CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 12601 - 12700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE22B
IIS Server: RTCLIENT22B
SQL Server: RTNODE08CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 12701 - 12800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal

User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE22C
IIS Server: RTCLIENT22C
SQL Server: RTNODE08CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 12801 - 12900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE22D
IIS Server: RTCLIENT22D
SQL Server: RTNODE08CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 12901 - 13000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE22E
IIS Server: RTCLIENT22E
SQL Server: RTNODE08CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 13001 - 13100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE22F
IIS Server: RTCLIENT22F
SQL Server: RTNODE08CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 13101 - 13200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE23A
IIS Server: RTCLIENT23A
SQL Server: RTNODE08CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 13201 - 13300
w_id Min Warehouse: 1

w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE23B
IIS Server: RTCLIENT23B
SQL Server: RTNODE08CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 13301 - 13400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE23C
IIS Server: RTCLIENT23C
SQL Server: RTNODE08CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 13401 - 13500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE23D
IIS Server: RTCLIENT23D
SQL Server: RTNODE08CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 13501 - 13600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE23E
IIS Server: RTCLIENT23E
SQL Server: RTNODE08CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 13601 - 13700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE23F
IIS Server: RTCLIENT23F
SQL Server: RTNODE08CL
Database: tpcc
User: sa
Protocol: HTML

w_id Range: 13701 - 13800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE24A
IIS Server: RTCLIENT24A
SQL Server: RTNODE08CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 13801 - 13900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE24B
IIS Server: RTCLIENT24B
SQL Server: RTNODE08CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 13901 - 14000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE24C
IIS Server: RTCLIENT24C
SQL Server: RTNODE08CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 14001 - 14100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE24D
IIS Server: RTCLIENT24D
SQL Server: RTNODE08CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 14101 - 14200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE24E
IIS Server: RTCLIENT24E
SQL Server: RTNODE08CL
Database: tpcc

User: sa
Protocol: HTML
w_id Range: 14201 - 14300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE24F
IIS Server: RTCLIENT24F
SQL Server: RTNODE08CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 14301 - 14400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE25A
IIS Server: RTCLIENT25A
SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 14401 - 14500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE25B
IIS Server: RTCLIENT25B
SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 14501 - 14600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE25C
IIS Server: RTCLIENT25C
SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 14601 - 14700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE25D
IIS Server: RTCLIENT25D

SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 14701 - 14800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE25E
IIS Server: RTCLIENT25E
SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 14801 - 14900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE25F
IIS Server: RTCLIENT25F
SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 14901 - 15000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE26A
IIS Server: RTCLIENT26A
SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 15001 - 15100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE26B
IIS Server: RTCLIENT26B
SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 15101 - 15200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE26C
IIS Server: RTCLIENT26C
SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 15201 - 15300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE26D
IIS Server: RTCLIENT26D
SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 15301 - 15400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE26E
IIS Server: RTCLIENT26E
SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 15401 - 15500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE26F
IIS Server: RTCLIENT26F
SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 15501 - 15600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE27A
IIS Server: RTCLIENT27A
SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 15601 - 15700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1

Scale Down: No

Driver Engine: RTRTE27B
IIS Server: RTCLIENT27B
SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 15701 - 15800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE27C
IIS Server: RTCLIENT27C
SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 15801 - 15900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE27D
IIS Server: RTCLIENT27D
SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 15901 - 16000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE27E
IIS Server: RTCLIENT27E
SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 16001 - 16100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE27F
IIS Server: RTCLIENT27F
SQL Server: RTNODE09CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 16101 - 16200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal

User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE28A
IIS Server: RTCLIENT28A
SQL Server: RTNODE10CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 16201 - 16300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE28B
IIS Server: RTCLIENT28B
SQL Server: RTNODE10CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 16301 - 16400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE28C
IIS Server: RTCLIENT28C
SQL Server: RTNODE10CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 16401 - 16500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE28D
IIS Server: RTCLIENT28D
SQL Server: RTNODE10CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 16501 - 16600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE28E
IIS Server: RTCLIENT28E
SQL Server: RTNODE10CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 16601 - 16700
w_id Min Warehouse: 1

w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE28F
IIS Server: RTCLIENT28F
SQL Server: RTNODE10CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 16701 - 16800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE29A
IIS Server: RTCLIENT29A
SQL Server: RTNODE10CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 16801 - 16900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE29B
IIS Server: RTCLIENT29B
SQL Server: RTNODE10CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 16901 - 17000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE29C
IIS Server: RTCLIENT29C
SQL Server: RTNODE10CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 17001 - 17100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE29D
IIS Server: RTCLIENT29D
SQL Server: RTNODE10CL
Database: tpcc
User: sa
Protocol: HTML

w_id Range: 17101 - 17200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE29E
IIS Server: RTCLIENT29E
SQL Server: RTNODE10CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 17201 - 17300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE29F
IIS Server: RTCLIENT29F
SQL Server: RTNODE10CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 17301 - 17400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE30A
IIS Server: RTCLIENT30A
SQL Server: RTNODE10CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 17401 - 17500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE30B
IIS Server: RTCLIENT30B
SQL Server: RTNODE10CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 17501 - 17600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE30C
IIS Server: RTCLIENT30C
SQL Server: RTNODE10CL
Database: tpcc

User: sa
Protocol: HTML
w_id Range: 17601 - 17700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE30D
IIS Server: RTCLIENT30D
SQL Server: RTNODE10CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 17701 - 17800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE30E
IIS Server: RTCLIENT30E
SQL Server: RTNODE10CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 17801 - 17900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE30F
IIS Server: RTCLIENT30F
SQL Server: RTNODE10CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 17901 - 18000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE31A
IIS Server: RTCLIENT31A
SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 18001 - 18100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE31B
IIS Server: RTCLIENT31B

SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 18101 - 18200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE31C
IIS Server: RTCLIENT31C
SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 18201 - 18300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE31D
IIS Server: RTCLIENT31D
SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 18301 - 18400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE31E
IIS Server: RTCLIENT31E
SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 18401 - 18500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE31F
IIS Server: RTCLIENT31F
SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 18501 - 18600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE32A
IIS Server: RTCLIENT32A
SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 18601 - 18700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE32B
IIS Server: RTCLIENT32B
SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 18701 - 18800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE32C
IIS Server: RTCLIENT32C
SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 18801 - 18900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE32D
IIS Server: RTCLIENT32D
SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 18901 - 19000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE32E
IIS Server: RTCLIENT32E
SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 19001 - 19100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1

Scale Down: No

Driver Engine: RTRTE32F
IIS Server: RTCLIENT32F
SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 19101 - 19200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE33A
IIS Server: RTCLIENT33A
SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 19201 - 19300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE33B
IIS Server: RTCLIENT33B
SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 19301 - 19400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE33C
IIS Server: RTCLIENT33C
SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 19401 - 19500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE33D
IIS Server: RTCLIENT33D
SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 19501 - 19600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal

User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE33E
IIS Server: RTCLIENT33E
SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 19601 - 19700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE33F
IIS Server: RTCLIENT33F
SQL Server: RTNODE11CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 19701 - 19800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE34A
IIS Server: RTCLIENT34A
SQL Server: RTNODE12CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 19801 - 19900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE34B
IIS Server: RTCLIENT34B
SQL Server: RTNODE12CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 19901 - 20000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE34C
IIS Server: RTCLIENT34C
SQL Server: RTNODE12CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 20001 - 20100
w_id Min Warehouse: 1

w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE34D
IIS Server: RTCLIENT34D
SQL Server: RTNODE12CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 20101 - 20200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE34E
IIS Server: RTCLIENT34E
SQL Server: RTNODE12CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 20201 - 20300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE34F
IIS Server: RTCLIENT34F
SQL Server: RTNODE12CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 20301 - 20400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE35A
IIS Server: RTCLIENT35A
SQL Server: RTNODE12CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 20401 - 20500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE35B
IIS Server: RTCLIENT35B
SQL Server: RTNODE12CL
Database: tpcc
User: sa
Protocol: HTML

w_id Range: 20501 - 20600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE35C
IIS Server: RTCLIENT35C
SQL Server: RTNODE12CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 20601 - 20700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE35D
IIS Server: RTCLIENT35D
SQL Server: RTNODE12CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 20701 - 20800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE35E
IIS Server: RTCLIENT35E
SQL Server: RTNODE12CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 20801 - 20900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE35F
IIS Server: RTCLIENT35F
SQL Server: RTNODE12CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 20901 - 21000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE36A
IIS Server: RTCLIENT36A
SQL Server: RTNODE12CL
Database: tpcc

User: sa
Protocol: HTML
w_id Range: 21001 - 21100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE36B
IIS Server: RTCLIENT36B
SQL Server: RTNODE12CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 21101 - 21200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE36C
IIS Server: RTCLIENT36C
SQL Server: RTNODE12CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 21201 - 21300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE36D
IIS Server: RTCLIENT36D
SQL Server: RTNODE12CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 21301 - 21400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE36E
IIS Server: RTCLIENT36E
SQL Server: RTNODE12CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 21401 - 21500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE36F
IIS Server: RTCLIENT36F

SQL Server: RTNODE12CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 21501 - 21600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE37A
IIS Server: RTCLIENT37A
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 21601 - 21700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE37B
IIS Server: RTCLIENT37B
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 21701 - 21800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE37C
IIS Server: RTCLIENT37C
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 21801 - 21900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE37D
IIS Server: RTCLIENT37D
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 21901 - 22000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE37E
IIS Server: RTCLIENT37E
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 22001 - 22100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE37F
IIS Server: RTCLIENT37F
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 22101 - 22200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE38A
IIS Server: RTCLIENT38A
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 22201 - 22300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE38B
IIS Server: RTCLIENT38B
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 22301 - 22400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE38C
IIS Server: RTCLIENT38C
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 22401 - 22500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1

Scale Down: No

Driver Engine: RTRTE38D
IIS Server: RTCLIENT38D
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 22501 - 22600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE38E
IIS Server: RTCLIENT38E
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 22601 - 22700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE38F
IIS Server: RTCLIENT38F
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 22701 - 22800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE39A
IIS Server: RTCLIENT39A
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 22801 - 22900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE39B
IIS Server: RTCLIENT39B
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 22901 - 23000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal

User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE39C
IIS Server: RTCLIENT39C
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 23001 - 23100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE39D
IIS Server: RTCLIENT39D
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 23101 - 23200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE39E
IIS Server: RTCLIENT39E
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 23201 - 23300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE39F
IIS Server: RTCLIENT39F
SQL Server: RTNODE13CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 23301 - 23400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE40A
IIS Server: RTCLIENT40A
SQL Server: RTNODE14CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 23401 - 23500
w_id Min Warehouse: 1

w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE40B
IIS Server: RTCLIENT40B
SQL Server: RTNODE14CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 23501 - 23600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE40C
IIS Server: RTCLIENT40C
SQL Server: RTNODE14CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 23601 - 23700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE40D
IIS Server: RTCLIENT40D
SQL Server: RTNODE14CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 23701 - 23800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE40E
IIS Server: RTCLIENT40E
SQL Server: RTNODE14CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 23801 - 23900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE40F
IIS Server: RTCLIENT40F
SQL Server: RTNODE14CL
Database: tpcc
User: sa
Protocol: HTML

w_id Range: 23901 - 24000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE41A
IIS Server: RTCLIENT41A
SQL Server: RTNODE14CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 24001 - 24100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE41B
IIS Server: RTCLIENT41B
SQL Server: RTNODE14CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 24101 - 24200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE41C
IIS Server: RTCLIENT41C
SQL Server: RTNODE14CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 24201 - 24300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE41D
IIS Server: RTCLIENT41D
SQL Server: RTNODE14CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 24301 - 24400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE41E
IIS Server: RTCLIENT41E
SQL Server: RTNODE14CL
Database: tpcc

User: sa
Protocol: HTML
w_id Range: 24401 - 24500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE41F
IIS Server: RTCLIENT41F
SQL Server: RTNODE14CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 24501 - 24600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE42A
IIS Server: RTCLIENT42A
SQL Server: RTNODE14CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 24601 - 24700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE42B
IIS Server: RTCLIENT42B
SQL Server: RTNODE14CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 24701 - 24800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE42C
IIS Server: RTCLIENT42C
SQL Server: RTNODE14CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 24801 - 24900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE42D
IIS Server: RTCLIENT42D

SQL Server: RTNODE14CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 24901 - 25000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE42E
IIS Server: RTCLIENT42E
SQL Server: RTNODE14CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 25001 - 25100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE42F
IIS Server: RTCLIENT42F
SQL Server: RTNODE14CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 25101 - 25200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE43A
IIS Server: RTCLIENT43A
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 25201 - 25300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE43B
IIS Server: RTCLIENT43B
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 25301 - 25400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE43C
IIS Server: RTCLIENT43C
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 25401 - 25500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE43D
IIS Server: RTCLIENT43D
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 25501 - 25600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE43E
IIS Server: RTCLIENT43E
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 25601 - 25700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE43F
IIS Server: RTCLIENT43F
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 25701 - 25800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE44A
IIS Server: RTCLIENT44A
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 25801 - 25900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1

Scale Down: No

Driver Engine: RTRTE44B
IIS Server: RTCLIENT44B
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 25901 - 26000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE44C
IIS Server: RTCLIENT44C
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 26001 - 26100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE44D
IIS Server: RTCLIENT44D
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 26101 - 26200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE44E
IIS Server: RTCLIENT44E
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 26201 - 26300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE44F
IIS Server: RTCLIENT44F
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 26301 - 26400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal

User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE45A
IIS Server: RTCLIENT45A
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 26401 - 26500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE45B
IIS Server: RTCLIENT45B
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 26501 - 26600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE45C
IIS Server: RTCLIENT45C
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 26601 - 26700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE45D
IIS Server: RTCLIENT45D
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 26701 - 26800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE45E
IIS Server: RTCLIENT45E
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 26801 - 26900
w_id Min Warehouse: 1

w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE45F
IIS Server: RTCLIENT45F
SQL Server: RTNODE15CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 26901 - 27000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE46A
IIS Server: RTCLIENT46A
SQL Server: RTNODE16CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 27001 - 27100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE46B
IIS Server: RTCLIENT46B
SQL Server: RTNODE16CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 27101 - 27200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE46C
IIS Server: RTCLIENT46C
SQL Server: RTNODE16CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 27201 - 27300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE46D
IIS Server: RTCLIENT46D
SQL Server: RTNODE16CL
Database: tpcc
User: sa
Protocol: HTML

w_id Range: 27301 - 27400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE46E
IIS Server: RTCLIENT46E
SQL Server: RTNODE16CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 27401 - 27500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE46F
IIS Server: RTCLIENT46F
SQL Server: RTNODE16CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 27501 - 27600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE47A
IIS Server: RTCLIENT47A
SQL Server: RTNODE16CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 27601 - 27700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE47B
IIS Server: RTCLIENT47B
SQL Server: RTNODE16CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 27701 - 27800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE47C
IIS Server: RTCLIENT47C
SQL Server: RTNODE16CL
Database: tpcc

User: sa
Protocol: HTML
w_id Range: 27801 - 27900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE47D
IIS Server: RTCLIENT47D
SQL Server: RTNODE16CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 27901 - 28000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE47E
IIS Server: RTCLIENT47E
SQL Server: RTNODE16CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 28001 - 28100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE47F
IIS Server: RTCLIENT47F
SQL Server: RTNODE16CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 28101 - 28200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE48A
IIS Server: RTCLIENT48A
SQL Server: RTNODE16CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 28201 - 28300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE48B
IIS Server: RTCLIENT48B

SQL Server: RTNODE16CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 28301 - 28400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE48C
IIS Server: RTCLIENT48C
SQL Server: RTNODE16CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 28401 - 28500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE48D
IIS Server: RTCLIENT48D
SQL Server: RTNODE16CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 28501 - 28600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE48E
IIS Server: RTCLIENT48E
SQL Server: RTNODE16CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 28601 - 28700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE48F
IIS Server: RTCLIENT48F
SQL Server: RTNODE16CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 28701 - 28800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE49A
IIS Server: RTCLIENT49A
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 28801 - 28900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE49B
IIS Server: RTCLIENT49B
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 28901 - 29000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE49C
IIS Server: RTCLIENT49C
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 29001 - 29100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE49D
IIS Server: RTCLIENT49D
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 29101 - 29200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE49E
IIS Server: RTCLIENT49E
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 29201 - 29300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1

Scale Down: No

Driver Engine: RTRTE49F
IIS Server: RTCLIENT49F
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 29301 - 29400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE50A
IIS Server: RTCLIENT50A
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 29401 - 29500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE50B
IIS Server: RTCLIENT50B
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 29501 - 29600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE50C
IIS Server: RTCLIENT50C
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 29601 - 29700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE50D
IIS Server: RTCLIENT50D
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 29701 - 29800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal

User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE50E
IIS Server: RTCLIENT50E
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 29801 - 29900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE50F
IIS Server: RTCLIENT50F
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 29901 - 30000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE51A
IIS Server: RTCLIENT51A
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 30001 - 30100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE51B
IIS Server: RTCLIENT51B
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 30101 - 30200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE51C
IIS Server: RTCLIENT51C
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 30201 - 30300
w_id Min Warehouse: 1

w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE51D
IIS Server: RTCLIENT51D
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 30301 - 30400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE51E
IIS Server: RTCLIENT51E
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 30401 - 30500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE51F
IIS Server: RTCLIENT51F
SQL Server: RTNODE17CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 30501 - 30600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE52A
IIS Server: RTCLIENT52A
SQL Server: RTNODE18CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 30601 - 30700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE52B
IIS Server: RTCLIENT52B
SQL Server: RTNODE18CL
Database: tpcc
User: sa
Protocol: HTML

w_id Range: 30701 - 30800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE52C
IIS Server: RTCLIENT52C
SQL Server: RTNODE18CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 30801 - 30900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE52D
IIS Server: RTCLIENT52D
SQL Server: RTNODE18CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 30901 - 31000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE52E
IIS Server: RTCLIENT52E
SQL Server: RTNODE18CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 31001 - 31100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE52F
IIS Server: RTCLIENT52F
SQL Server: RTNODE18CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 31101 - 31200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE53A
IIS Server: RTCLIENT53A
SQL Server: RTNODE18CL
Database: tpcc

User: sa
Protocol: HTML
w_id Range: 31201 - 31300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE53B
IIS Server: RTCLIENT53B
SQL Server: RTNODE18CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 31301 - 31400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE53C
IIS Server: RTCLIENT53C
SQL Server: RTNODE18CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 31401 - 31500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE53D
IIS Server: RTCLIENT53D
SQL Server: RTNODE18CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 31501 - 31600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE53E
IIS Server: RTCLIENT53E
SQL Server: RTNODE18CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 31601 - 31700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE53F
IIS Server: RTCLIENT53F

SQL Server: RTNODE18CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 31701 - 31800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE54A
IIS Server: RTCLIENT54A
SQL Server: RTNODE18CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 31801 - 31900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE54B
IIS Server: RTCLIENT54B
SQL Server: RTNODE18CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 31901 - 32000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE54C
IIS Server: RTCLIENT54C
SQL Server: RTNODE18CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 32001 - 32100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE54D
IIS Server: RTCLIENT54D
SQL Server: RTNODE18CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 32101 - 32200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE54E
IIS Server: RTCLIENT54E
SQL Server: RTNODE18CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 32201 - 32300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE54F
IIS Server: RTCLIENT54F
SQL Server: RTNODE18CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 32301 - 32400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE55A
IIS Server: RTCLIENT55A
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 32401 - 32500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE55B
IIS Server: RTCLIENT55B
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 32501 - 32600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE55C
IIS Server: RTCLIENT55C
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 32601 - 32700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1

Scale Down: No

Driver Engine: RTRTE55D
IIS Server: RTCLIENT55D
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 32701 - 32800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE55E
IIS Server: RTCLIENT55E
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 32801 - 32900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE55F
IIS Server: RTCLIENT55F
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 32901 - 33000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE56A
IIS Server: RTCLIENT56A
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 33001 - 33100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE56B
IIS Server: RTCLIENT56B
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 33101 - 33200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal

User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE56C
IIS Server: RTCLIENT56C
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 33201 - 33300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE56D
IIS Server: RTCLIENT56D
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 33301 - 33400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE56E
IIS Server: RTCLIENT56E
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 33401 - 33500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE56F
IIS Server: RTCLIENT56F
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 33501 - 33600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE57A
IIS Server: RTCLIENT57A
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 33601 - 33700
w_id Min Warehouse: 1

w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE57B
IIS Server: RTCLIENT57B
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 33701 - 33800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE57C
IIS Server: RTCLIENT57C
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 33801 - 33900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE57D
IIS Server: RTCLIENT57D
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 33901 - 34000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE57E
IIS Server: RTCLIENT57E
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 34001 - 34100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE57F
IIS Server: RTCLIENT57F
SQL Server: RTNODE19CL
Database: tpcc
User: sa
Protocol: HTML

w_id Range: 34101 - 34200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE58A
IIS Server: RTCLIENT58A
SQL Server: RTNODE20CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 34201 - 34300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE58B
IIS Server: RTCLIENT58B
SQL Server: RTNODE20CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 34301 - 34400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE58C
IIS Server: RTCLIENT58C
SQL Server: RTNODE20CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 34401 - 34500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE58D
IIS Server: RTCLIENT58D
SQL Server: RTNODE20CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 34501 - 34600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE58E
IIS Server: RTCLIENT58E
SQL Server: RTNODE20CL
Database: tpcc

User: sa
Protocol: HTML
w_id Range: 34601 - 34700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE58F
IIS Server: RTCLIENT58F
SQL Server: RTNODE20CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 34701 - 34800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE59A
IIS Server: RTCLIENT59A
SQL Server: RTNODE20CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 34801 - 34900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE59B
IIS Server: RTCLIENT59B
SQL Server: RTNODE20CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 34901 - 35000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE59C
IIS Server: RTCLIENT59C
SQL Server: RTNODE20CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 35001 - 35100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE59D
IIS Server: RTCLIENT59D

SQL Server: RTNODE20CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 35101 - 35200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE59E
IIS Server: RTCLIENT59E
SQL Server: RTNODE20CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 35201 - 35300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE59F
IIS Server: RTCLIENT59F
SQL Server: RTNODE20CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 35301 - 35400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE60A
IIS Server: RTCLIENT60A
SQL Server: RTNODE20CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 35401 - 35500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE60B
IIS Server: RTCLIENT60B
SQL Server: RTNODE20CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 35501 - 35600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE60C
IIS Server: RTCLIENT60C
SQL Server: RTNODE20CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 35601 - 35700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE60D
IIS Server: RTCLIENT60D
SQL Server: RTNODE20CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 35701 - 35800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE60E
IIS Server: RTCLIENT60E
SQL Server: RTNODE20CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 35801 - 35900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE60F
IIS Server: RTCLIENT60F
SQL Server: RTNODE20CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 35901 - 36000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE61A
IIS Server: RTCLIENT61A
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 36001 - 36100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1

Scale Down: No

Driver Engine: RTRTE61B
IIS Server: RTCLIENT61B
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 36101 - 36200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE61C
IIS Server: RTCLIENT61C
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 36201 - 36300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE61D
IIS Server: RTCLIENT61D
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 36301 - 36400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE61E
IIS Server: RTCLIENT61E
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 36401 - 36500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE61F
IIS Server: RTCLIENT61F
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 36501 - 36600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal

User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE62A
IIS Server: RTCLIENT62A
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 36601 - 36700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE62B
IIS Server: RTCLIENT62B
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 36701 - 36800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE62C
IIS Server: RTCLIENT62C
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 36801 - 36900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE62D
IIS Server: RTCLIENT62D
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 36901 - 37000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE62E
IIS Server: RTCLIENT62E
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 37001 - 37100
w_id Min Warehouse: 1

w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE62F
IIS Server: RTCLIENT62F
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 37101 - 37200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE63A
IIS Server: RTCLIENT63A
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 37201 - 37300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE63B
IIS Server: RTCLIENT63B
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 37301 - 37400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE63C
IIS Server: RTCLIENT63C
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 37401 - 37500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE63D
IIS Server: RTCLIENT63D
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML

w_id Range: 37501 - 37600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE63E
IIS Server: RTCLIENT63E
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 37601 - 37700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE63F
IIS Server: RTCLIENT63F
SQL Server: RTNODE21CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 37701 - 37800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE64A
IIS Server: RTCLIENT64A
SQL Server: RTNODE22CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 37801 - 37900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE64B
IIS Server: RTCLIENT64B
SQL Server: RTNODE22CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 37901 - 38000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE64C
IIS Server: RTCLIENT64C
SQL Server: RTNODE22CL
Database: tpcc

User: sa
Protocol: HTML
w_id Range: 38001 - 38100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE64D
IIS Server: RTCLIENT64D
SQL Server: RTNODE22CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 38101 - 38200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE64E
IIS Server: RTCLIENT64E
SQL Server: RTNODE22CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 38201 - 38300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE64F
IIS Server: RTCLIENT64F
SQL Server: RTNODE22CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 38301 - 38400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE65A
IIS Server: RTCLIENT65A
SQL Server: RTNODE22CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 38401 - 38500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE65B
IIS Server: RTCLIENT65B

SQL Server: RTNODE22CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 38501 - 38600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE65C
IIS Server: RTCLIENT65C
SQL Server: RTNODE22CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 38601 - 38700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE65D
IIS Server: RTCLIENT65D
SQL Server: RTNODE22CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 38701 - 38800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE65E
IIS Server: RTCLIENT65E
SQL Server: RTNODE22CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 38801 - 38900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE65F
IIS Server: RTCLIENT65F
SQL Server: RTNODE22CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 38901 - 39000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE66A
IIS Server: RTCLIENT66A
SQL Server: RTNODE22CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 39001 - 39100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE66B
IIS Server: RTCLIENT66B
SQL Server: RTNODE22CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 39101 - 39200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE66C
IIS Server: RTCLIENT66C
SQL Server: RTNODE22CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 39201 - 39300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE66D
IIS Server: RTCLIENT66D
SQL Server: RTNODE22CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 39301 - 39400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE66E
IIS Server: RTCLIENT66E
SQL Server: RTNODE22CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 39401 - 39500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1

Scale Down: No

Driver Engine: RTRTE66F
IIS Server: RTCLIENT66F
SQL Server: RTNODE22CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 39501 - 39600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE67A
IIS Server: RTCLIENT67A
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 39601 - 39700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE67B
IIS Server: RTCLIENT67B
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 39701 - 39800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE67C
IIS Server: RTCLIENT67C
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 39801 - 39900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE67D
IIS Server: RTCLIENT67D
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 39901 - 40000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal

User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE67E
IIS Server: RTCLIENT67E
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 40001 - 40100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE67F
IIS Server: RTCLIENT67F
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 40101 - 40200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE68A
IIS Server: RTCLIENT68A
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 40201 - 40300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE68B
IIS Server: RTCLIENT68B
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 40301 - 40400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE68C
IIS Server: RTCLIENT68C
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 40401 - 40500
w_id Min Warehouse: 1

w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE68D
IIS Server: RTCLIENT68D
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 40501 - 40600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE68E
IIS Server: RTCLIENT68E
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 40601 - 40700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE68F
IIS Server: RTCLIENT68F
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 40701 - 40800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE69A
IIS Server: RTCLIENT69A
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 40801 - 40900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE69B
IIS Server: RTCLIENT69B
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML

w_id Range: 40901 - 41000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE69C
IIS Server: RTCLIENT69C
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 41001 - 41100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE69D
IIS Server: RTCLIENT69D
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 41101 - 41200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE69E
IIS Server: RTCLIENT69E
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 41201 - 41300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE69F
IIS Server: RTCLIENT69F
SQL Server: RTNODE23CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 41301 - 41400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE70A
IIS Server: RTCLIENT70A
SQL Server: RTNODE24CL
Database: tpcc

User: sa
Protocol: HTML
w_id Range: 41401 - 41500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE70B
IIS Server: RTCLIENT70B
SQL Server: RTNODE24CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 41501 - 41600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE70C
IIS Server: RTCLIENT70C
SQL Server: RTNODE24CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 41601 - 41700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE70D
IIS Server: RTCLIENT70D
SQL Server: RTNODE24CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 41701 - 41800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE70E
IIS Server: RTCLIENT70E
SQL Server: RTNODE24CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 41801 - 41900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE70F
IIS Server: RTCLIENT70F

SQL Server: RTNODE24CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 41901 - 42000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE71A
IIS Server: RTCLIENT71A
SQL Server: RTNODE24CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 42001 - 42100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE71B
IIS Server: RTCLIENT71B
SQL Server: RTNODE24CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 42101 - 42200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE71C
IIS Server: RTCLIENT71C
SQL Server: RTNODE24CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 42201 - 42300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE71D
IIS Server: RTCLIENT71D
SQL Server: RTNODE24CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 42301 - 42400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE71E
IIS Server: RTCLIENT71E
SQL Server: RTNODE24CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 42401 - 42500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE71F
IIS Server: RTCLIENT71F
SQL Server: RTNODE24CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 42501 - 42600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE72A
IIS Server: RTCLIENT72A
SQL Server: RTNODE24CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 42601 - 42700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE72B
IIS Server: RTCLIENT72B
SQL Server: RTNODE24CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 42701 - 42800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE72C
IIS Server: RTCLIENT72C
SQL Server: RTNODE24CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 42801 - 42900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1

Scale Down: No

Driver Engine: RTRTE72D
IIS Server: RTCLIENT72D
SQL Server: RTNODE24CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 42901 - 43000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE72E
IIS Server: RTCLIENT72E
SQL Server: RTNODE24CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 43001 - 43100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE72F
IIS Server: RTCLIENT72F
SQL Server: RTNODE24CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 43101 - 43200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE73A
IIS Server: RTCLIENT73A
SQL Server: RTNODE25CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 43201 - 43300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE73B
IIS Server: RTCLIENT73B
SQL Server: RTNODE25CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 43301 - 43400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal

User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE73C
IIS Server: RTCLIENT73C
SQL Server: RTNODE25CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 43401 - 43500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE73D
IIS Server: RTCLIENT73D
SQL Server: RTNODE25CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 43501 - 43600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE73E
IIS Server: RTCLIENT73E
SQL Server: RTNODE25CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 43601 - 43700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE73F
IIS Server: RTCLIENT73F
SQL Server: RTNODE25CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 43701 - 43800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE74A
IIS Server: RTCLIENT74A
SQL Server: RTNODE25CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 43801 - 43900
w_id Min Warehouse: 1

w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE74B
IIS Server: RTCLIENT74B
SQL Server: RTNODE25CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 43901 - 44000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE74C
IIS Server: RTCLIENT74C
SQL Server: RTNODE25CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 44001 - 44100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE74D
IIS Server: RTCLIENT74D
SQL Server: RTNODE25CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 44101 - 44200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE74E
IIS Server: RTCLIENT74E
SQL Server: RTNODE25CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 44201 - 44300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE74F
IIS Server: RTCLIENT74F
SQL Server: RTNODE25CL
Database: tpcc
User: sa
Protocol: HTML

w_id Range: 44301 - 44400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE75A
IIS Server: RTCLIENT75A
SQL Server: RTNODE25CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 44401 - 44500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE75B
IIS Server: RTCLIENT75B
SQL Server: RTNODE25CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 44501 - 44600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE75C
IIS Server: RTCLIENT75C
SQL Server: RTNODE25CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 44601 - 44700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE75D
IIS Server: RTCLIENT75D
SQL Server: RTNODE25CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 44701 - 44800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE75E
IIS Server: RTCLIENT75E
SQL Server: RTNODE25CL
Database: tpcc

User: sa
Protocol: HTML
w_id Range: 44801 - 44900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE75F
IIS Server: RTCLIENT75F
SQL Server: RTNODE25CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 44901 - 45000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE76A
IIS Server: RTCLIENT76A
SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 45001 - 45100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE76B
IIS Server: RTCLIENT76B
SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 45101 - 45200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE76C
IIS Server: RTCLIENT76C
SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 45201 - 45300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE76D
IIS Server: RTCLIENT76D

SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 45301 - 45400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE76E
IIS Server: RTCLIENT76E
SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 45401 - 45500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE76F
IIS Server: RTCLIENT76F
SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 45501 - 45600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE77A
IIS Server: RTCLIENT77A
SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 45601 - 45700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE77B
IIS Server: RTCLIENT77B
SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 45701 - 45800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE77C
IIS Server: RTCLIENT77C
SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 45801 - 45900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE77D
IIS Server: RTCLIENT77D
SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 45901 - 46000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE77E
IIS Server: RTCLIENT77E
SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 46001 - 46100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE77F
IIS Server: RTCLIENT77F
SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 46101 - 46200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE78A
IIS Server: RTCLIENT78A
SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 46201 - 46300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1

Scale Down: No

Driver Engine: RTRTE78B
IIS Server: RTCLIENT78B
SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 46301 - 46400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE78C
IIS Server: RTCLIENT78C
SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 46401 - 46500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE78D
IIS Server: RTCLIENT78D
SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 46501 - 46600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE78E
IIS Server: RTCLIENT78E
SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 46601 - 46700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE78F
IIS Server: RTCLIENT78F
SQL Server: RTNODE26CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 46701 - 46800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal

User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE79A
IIS Server: RTCLIENT79A
SQL Server: RTNODE27CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 46801 - 46900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE79B
IIS Server: RTCLIENT79B
SQL Server: RTNODE27CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 46901 - 47000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE79C
IIS Server: RTCLIENT79C
SQL Server: RTNODE27CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 47001 - 47100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE79D
IIS Server: RTCLIENT79D
SQL Server: RTNODE27CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 47101 - 47200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE79E
IIS Server: RTCLIENT79E
SQL Server: RTNODE27CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 47201 - 47300
w_id Min Warehouse: 1

w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE79F
IIS Server: RTCLIENT79F
SQL Server: RTNODE27CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 47301 - 47400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE80A
IIS Server: RTCLIENT80A
SQL Server: RTNODE27CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 47401 - 47500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE80B
IIS Server: RTCLIENT80B
SQL Server: RTNODE27CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 47501 - 47600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE80C
IIS Server: RTCLIENT80C
SQL Server: RTNODE27CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 47601 - 47700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE80D
IIS Server: RTCLIENT80D
SQL Server: RTNODE27CL
Database: tpcc
User: sa
Protocol: HTML

w_id Range: 47701 - 47800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE80E
IIS Server: RTCLIENT80E
SQL Server: RTNODE27CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 47801 - 47900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE80F
IIS Server: RTCLIENT80F
SQL Server: RTNODE27CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 47901 - 48000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE81A
IIS Server: RTCLIENT81A
SQL Server: RTNODE27CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 48001 - 48100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE81B
IIS Server: RTCLIENT81B
SQL Server: RTNODE27CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 48101 - 48200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE81C
IIS Server: RTCLIENT81C
SQL Server: RTNODE27CL
Database: tpcc

User: sa
Protocol: HTML
w_id Range: 48201 - 48300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE81D
IIS Server: RTCLIENT81D
SQL Server: RTNODE27CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 48301 - 48400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE81E
IIS Server: RTCLIENT81E
SQL Server: RTNODE27CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 48401 - 48500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE81F
IIS Server: RTCLIENT81F
SQL Server: RTNODE27CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 48501 - 48600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE82A
IIS Server: RTCLIENT82A
SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 48601 - 48700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE82B
IIS Server: RTCLIENT82B

SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 48701 - 48800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE82C
IIS Server: RTCLIENT82C
SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 48801 - 48900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE82D
IIS Server: RTCLIENT82D
SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 48901 - 49000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE82E
IIS Server: RTCLIENT82E
SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 49001 - 49100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE82F
IIS Server: RTCLIENT82F
SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 49101 - 49200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE83A
IIS Server: RTCLIENT83A
SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 49201 - 49300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE83B
IIS Server: RTCLIENT83B
SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 49301 - 49400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE83C
IIS Server: RTCLIENT83C
SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 49401 - 49500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE83D
IIS Server: RTCLIENT83D
SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 49501 - 49600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE83E
IIS Server: RTCLIENT83E
SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 49601 - 49700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1

Scale Down: No

Driver Engine: RTRTE83F
IIS Server: RTCLIENT83F
SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 49701 - 49800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE84A
IIS Server: RTCLIENT84A
SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 49801 - 49900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE84B
IIS Server: RTCLIENT84B
SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 49901 - 50000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE84C
IIS Server: RTCLIENT84C
SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 50001 - 50100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE84D
IIS Server: RTCLIENT84D
SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 50101 - 50200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal

User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE84E
IIS Server: RTCLIENT84E
SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 50201 - 50300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE84F
IIS Server: RTCLIENT84F
SQL Server: RTNODE28CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 50301 - 50400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE85A
IIS Server: RTCLIENT85A
SQL Server: RTNODE29CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 50401 - 50500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE85B
IIS Server: RTCLIENT85B
SQL Server: RTNODE29CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 50501 - 50600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE85C
IIS Server: RTCLIENT85C
SQL Server: RTNODE29CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 50601 - 50700
w_id Min Warehouse: 1

w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE85D
IIS Server: RTCLIENT85D
SQL Server: RTNODE29CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 50701 - 50800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE85E
IIS Server: RTCLIENT85E
SQL Server: RTNODE29CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 50801 - 50900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE85F
IIS Server: RTCLIENT85F
SQL Server: RTNODE29CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 50901 - 51000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE86A
IIS Server: RTCLIENT86A
SQL Server: RTNODE29CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 51001 - 51100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE86B
IIS Server: RTCLIENT86B
SQL Server: RTNODE29CL
Database: tpcc
User: sa
Protocol: HTML

w_id Range: 51101 - 51200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE86C
IIS Server: RTCLIENT86C
SQL Server: RTNODE29CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 51201 - 51300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE86D
IIS Server: RTCLIENT86D
SQL Server: RTNODE29CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 51301 - 51400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE86E
IIS Server: RTCLIENT86E
SQL Server: RTNODE29CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 51401 - 51500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE86F
IIS Server: RTCLIENT86F
SQL Server: RTNODE29CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 51501 - 51600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE87A
IIS Server: RTCLIENT87A
SQL Server: RTNODE29CL
Database: tpcc

User: sa
Protocol: HTML
w_id Range: 51601 - 51700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE87B
IIS Server: RTCLIENT87B
SQL Server: RTNODE29CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 51701 - 51800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE87C
IIS Server: RTCLIENT87C
SQL Server: RTNODE29CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 51801 - 51900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE87D
IIS Server: RTCLIENT87D
SQL Server: RTNODE29CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 51901 - 52000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE87E
IIS Server: RTCLIENT87E
SQL Server: RTNODE29CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 52001 - 52100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE87F
IIS Server: RTCLIENT87F

SQL Server: RTNODE29CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 52101 - 52200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE88A
IIS Server: RTCLIENT88A
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 52201 - 52300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE88B
IIS Server: RTCLIENT88B
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 52301 - 52400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE88C
IIS Server: RTCLIENT88C
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 52401 - 52500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE88D
IIS Server: RTCLIENT88D
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 52501 - 52600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE88E
IIS Server: RTCLIENT88E
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 52601 - 52700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE88F
IIS Server: RTCLIENT88F
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 52701 - 52800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE89A
IIS Server: RTCLIENT89A
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 52801 - 52900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE89B
IIS Server: RTCLIENT89B
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 52901 - 53000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE89C
IIS Server: RTCLIENT89C
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 53001 - 53100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1

Scale Down: No

Driver Engine: RTRTE89D
IIS Server: RTCLIENT89D
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 53101 - 53200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE89E
IIS Server: RTCLIENT89E
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 53201 - 53300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE89F
IIS Server: RTCLIENT89F
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 53301 - 53400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE90A
IIS Server: RTCLIENT90A
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 53401 - 53500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE90B
IIS Server: RTCLIENT90B
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 53501 - 53600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal

User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE90C
IIS Server: RTCLIENT90C
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 53601 - 53700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE90D
IIS Server: RTCLIENT90D
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 53701 - 53800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE90E
IIS Server: RTCLIENT90E
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 53801 - 53900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE90F
IIS Server: RTCLIENT90F
SQL Server: RTNODE30CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 53901 - 54000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE91A
IIS Server: RTCLIENT91A
SQL Server: RTNODE31CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 54001 - 54100
w_id Min Warehouse: 1

w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE91B
IIS Server: RTCLIENT91B
SQL Server: RTNODE31CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 54101 - 54200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE91C
IIS Server: RTCLIENT91C
SQL Server: RTNODE31CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 54201 - 54300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE91D
IIS Server: RTCLIENT91D
SQL Server: RTNODE31CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 54301 - 54400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE91E
IIS Server: RTCLIENT91E
SQL Server: RTNODE31CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 54401 - 54500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE91F
IIS Server: RTCLIENT91F
SQL Server: RTNODE31CL
Database: tpcc
User: sa
Protocol: HTML

w_id Range: 54501 - 54600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE92A
IIS Server: RTCLIENT92A
SQL Server: RTNODE31CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 54601 - 54700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE92B
IIS Server: RTCLIENT92B
SQL Server: RTNODE31CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 54701 - 54800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE92C
IIS Server: RTCLIENT92C
SQL Server: RTNODE31CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 54801 - 54900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE92D
IIS Server: RTCLIENT92D
SQL Server: RTNODE31CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 54901 - 55000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE92E
IIS Server: RTCLIENT92E
SQL Server: RTNODE31CL
Database: tpcc

User: sa
Protocol: HTML
w_id Range: 55001 - 55100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE92F
IIS Server: RTCLIENT92F
SQL Server: RTNODE31CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 55101 - 55200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE93A
IIS Server: RTCLIENT93A
SQL Server: RTNODE31CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 55201 - 55300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE93B
IIS Server: RTCLIENT93B
SQL Server: RTNODE31CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 55301 - 55400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE93C
IIS Server: RTCLIENT93C
SQL Server: RTNODE31CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 55401 - 55500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE93D
IIS Server: RTCLIENT93D

SQL Server: RTNODE31CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 55501 - 55600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE93E
IIS Server: RTCLIENT93E
SQL Server: RTNODE31CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 55601 - 55700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE93F
IIS Server: RTCLIENT93F
SQL Server: RTNODE31CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 55701 - 55800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE94A
IIS Server: RTCLIENT94A
SQL Server: RTNODE32CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 55801 - 55900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE94B
IIS Server: RTCLIENT94B
SQL Server: RTNODE32CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 55901 - 56000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE94C
IIS Server: RTCLIENT94C
SQL Server: RTNODE32CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 56001 - 56100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE94D
IIS Server: RTCLIENT94D
SQL Server: RTNODE32CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 56101 - 56200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE94E
IIS Server: RTCLIENT94E
SQL Server: RTNODE32CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 56201 - 56300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE94F
IIS Server: RTCLIENT94F
SQL Server: RTNODE32CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 56301 - 56400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE95A
IIS Server: RTCLIENT95A
SQL Server: RTNODE32CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 56401 - 56500
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1

Scale Down: No

Driver Engine: RTRTE95B
IIS Server: RTCLIENT95B
SQL Server: RTNODE32CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 56501 - 56600
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE95C
IIS Server: RTCLIENT95C
SQL Server: RTNODE32CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 56601 - 56700
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE95D
IIS Server: RTCLIENT95D
SQL Server: RTNODE32CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 56701 - 56800
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE95E
IIS Server: RTCLIENT95E
SQL Server: RTNODE32CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 56801 - 56900
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE95F
IIS Server: RTCLIENT95F
SQL Server: RTNODE32CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 56901 - 57000
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal

User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE96A
IIS Server: RTCLIENT96A
SQL Server: RTNODE32CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 57001 - 57100
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE96B
IIS Server: RTCLIENT96B
SQL Server: RTNODE32CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 57101 - 57200
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE96C
IIS Server: RTCLIENT96C
SQL Server: RTNODE32CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 57201 - 57300
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE96D
IIS Server: RTCLIENT96D
SQL Server: RTNODE32CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 57301 - 57400
w_id Min Warehouse: 1
w_id Max Warehouse: 57600
Scale: Normal
User Count: 1000
District id: 1
Scale Down: No

Driver Engine: RTRTE96E
IIS Server: RTCLIENT96E
SQL Server: RTNODE32CL
Database: tpcc
User: sa
Protocol: HTML
w_id Range: 57401 - 57500
w_id Min Warehouse: 1

w_id Max Warehouse: 57600
 Scale: Normal
 User Count: 1000
 District id: 1
 Scale Down: No

Driver Engine: RTRTE96F
 IIS Server: RTCLIENT96F
 SQL Server: RTNODE32CL
 Database: tpcc
 User: sa
 Protocol: HTML
 w_id Range: 57501 - 57600
 w_id Min Warehouse: 1
 w_id Max Warehouse: 57600
 Scale: Normal
 User Count: 1000
 District id: 1
 Scale Down: No

Number of Parameter Sets: 2

		~Default				
		Default Parameter Set				
		Txn	Think	Key	RT	RT
Menu	Delay	Weight	Time	Time	Delay	Fence
		New Order	10.00		12.05	
18.01	0.10	5.00	0.10			
		Payment	10.00	12.05	3.01	
0.10	5.00	0.10				
		Delivery	1.00	5.05	2.01	
0.10	5.00	0.10				
		Stock Level	1.00	5.05	2.01	
0.10	20.00	0.10				
		Order Status	1.00	10.05	2.01	
0.10	5.00	0.10				
		PARAM2				
		Editable Default Parameter Set				
		Txn	Think	Key	RT	RT
Menu	Delay	Weight	Time	Time	Delay	Fence
		New Order	10.00		12.05	
18.01	0.10	5.00	0.10			
		Payment	9.61	12.05	3.01	
0.10	5.00	0.10				
		Delivery	0.90	5.05	2.01	
0.10	5.00	0.10				
		Stock Level	0.90	5.05	2.01	
0.10	20.00	0.10				
		Order Status	0.90	10.05	2.01	
0.10	5.00	0.10				

Appendix D: 180-Day Space

TPC-C 180-Day Space Requirements						
Warehouses	57,600	tpmC	688,220.9	tpmC/W	11.95	
Numbers are shown in Kbytes unless otherwise specified.						
Table	Rows	Data	Index	5% Space	8H Space	Total Space
Warehouse	57,600	6,400	3,368	488		10,256
District	576,000	65,024	3,816	3,442		72,282
Item	100,000	304,896	4,352	15,462		324,710
New-Order	518,400,000	9,236,736	24,576		4,608,000	13,869,312
History	1,728,000,000	103,164,416	339,200		19,787,042	123,290,658
Orders	1,728,000,000	56,424,704	27,530,848		16,049,990	100,005,542
Customer	1,728,000,000	1,256,727,296	78,435,336	66,758,132		1,401,920,764
Order-Line	17,279,759,341	1,151,984,072	2,727,608		220,749,087	1,375,460,767
Stock	5,760,000,000	1,843,200,000	3,904,512	92,355,226		1,939,459,738
Totals		4,421,113,544	112,973,616	159,132,750	261,194,119	4,954,414,029
Segment	LogDev Cnt.	Segment Size	Needed	Overhead		Not Needed
misc	448	1,835,008,000	1,613,033,528	16,130,335		205,844,137
big	448	3,899,392,000	3,341,380,501	33,413,805		524,597,694
master, msdb,model	32	425,984	425,984			0
tpcc_root	32	262,144	262,144			0
tempdb	32	278,528	278,528			0
Totals		5,735,366,656	4,955,380,685	49,544,140		730,441,831
Dynamic Space	1,311,573,192.00	Sum of Data for Order, Order-Line and History				
Static Space	3,431,190,858.29	Data + Index + 5% Space + Overhead - Dynamic Space				
Free Space	262,160,775.16	Total Segment Size - Dynamic Space - Static Space - Not needed				
Daily Growth	250,736,689.62	(Dynamic Space/Wc * 62.5)* tpmC				
Daily Spread	(113,944,259.27)	Free Space - 1.5 * Daily Growth (Zero If Negative)				
180-Day Space (KB)	48,563,794,989.00	Static Space + 180 (Daily Growth + Daily Spread)				
180-Day Space (GB)	46,314.04	180-Day Space in GB (Excludes OS,Paging and RDBMS Logs)				
Available (GB)	56,949.36	Total storage configured and available for database, minus logs, in a RAID-1E configuration				
Log File Storage Requirements						
Log Used (KB)	162,500,308.30	Total				
% Log Used	8.1297	% Log File Storage Used During Entire Run				
Total N-O Txn	30,977,434.00	Total Count of New-Order Transactions Completed during Entire Run				
Log per N-O Txn	5.25	KB of Log Storage Used per New-Order Transaction				
8 Hour Log (GB)	1,652.64	8-Hours of Log in GB (excluding space for redundancy)				
Log Configured (GB)	1,906.25	59.57GB per Node (RAID-10)				
Disk Capacity						
	MB	GB				
9.1GB 10K rpm	8,678	8.47				
18.2GB 10K rpm	17,356	16.95				
Space Usage						
	GB Needed	Disks Priced		GB Priced	GB Usable	TB Usable
180-Day (RAID-1)	46,314.04	0	9.1GB 10K rpm	0.00	0.00	
		6,720	18.2GB 10K rpm	113,898.75	56,949.375	
Total DB		6,720		113,898.75	56,949.38	
8hr Log (RAID-1)	1,652.64	256	9.1GB 10K rpm	4,339.00	2,169.50	
OS, SQL (RAID-1)	256.00	64	18.2GB 10K rpm	542.38	271.19	
Total Space	48,222.68	7,040		118,780.13	59,390.06	57.99

Appendix E: Third-Party Quotations

Microsoft Corporation
One Microsoft Way
Redmond, WA 98052-6399

Tel 425 882 8080
Fax 425 936 7329
<http://www.microsoft.com/>

Microsoft

March 15, 2001

IBM

Tricia Thomas
D23U/B060/Office E127
3039 Cornwallis Road
Research Triangle Park, NC
27709

Tricia:

Here is the information you requested regarding pricing for several Microsoft products to be used in conjunction with your TPC-C V3.5 benchmark testing.

All pricing shown is in US Dollars (\$).

Part Number	Description	Unit Price	Quantity	Price
810-00945	SQL Server 2000 Enterprise Edition <i>Per processor licensing</i> <i>Discount schedule: Select B discount plan</i>	\$ 15,802	256	\$ 4,045,312
C11-00821	Windows 2000 Server <i>Server license only - No CALs</i> <i>Discount schedule: Open Program - No Level</i>	\$ 738	1	\$ 738
C10-00475	Windows 2000 Advanced Server <i>Server license only - No CALs</i> <i>Discount schedule: Open Program - No Level</i>	\$ 2,399	1	\$ 2,399
048-00317	Visual C++ Professional 6.0 Win32	\$ 549	1	\$ 549
	5-year maintenance for above software	\$ 2,095	1	\$ 335,200

All products are currently orderable through Microsoft's normal distribution channels.

This quote is valid for the next 90 days.

If we can be of any further assistance, please contact Jamie Reding at (425) 703-0510 or jamiere@microsoft.com.

Quote

Giganet, Inc.
580 Main Street
Bolton, MA 01740
(978) 779-7200
(978) 7797-203 Fax

Quote No.: 000000-00
Date: March 1, 2001

Ship to: IBM Corp.
Bill to: Chris King
3039 Corwallis Road
Dept. 23UA Bldg. 060/D133
Research Triangle Park, NC 27709

F.O.B.	Terms
Bolton, MA	Net 30

Qty	Part Number/ Description	Unit Price	Ext. Price
39	cLAN-1000 Giganet Host Adapter Card	\$795.00	\$31,005.00
39	cLAN-A1011 10 Meter Copper Cable	\$135.00	\$5,265.00
4	cLAN5300 30 port Cluster Switch	\$15,995.00	\$63,980.00
	5-Year Maintenance Price (7x24x4)	\$15,000.00	\$75,000.00
	3-Year Maintenance Price (7x24x4)	\$15,000.00	\$45,000.00
	Hardware TOTAL		\$100,250.00
	Actual shipping charges will be billed		

Prices are valid for 90 days from the date of this quote.

If you have any questions regarding this quote, please contact the GigaNet Sales Department at (978) 779-7400.



Cisco Systems, Inc.
 2300 Rexwoods Drive
 Suite 300
 Raleigh, NC 27607 USA
 Ph: Ph: 919-788-1208
 Fax: Fax: 919-788-1299

Price Quotation

Date: 3/19/01
To: Joe Jakubowski
 IBM

Quote Number: 4Z2-RPT
Total Price: \$65,898.75

Ph: (919) 543-6693
 Fax: (919) 486-2327

Product Number	Product Description	Qty	Unit List Price	Disc Price	Disc %	Extended Price
	Catalyst 6500 Test Lab Switch					
WS-C6506	Catalyst 6506 Chassis	1	\$7,995.00		25.000%	\$5,996.25
WS-CAC-1300W	Catalyst 6000 1300W AC Power Supply	1	\$3,995.00		25.000%	\$2,996.25
WS-CAC-1300W/2	Catalyst 6000 Second 1300W AC Power Supply	1	\$3,995.00		25.000%	\$2,996.25
CAB-7513AC	AC POWER CORD NORTH AMERICA	2	\$0.00		25.000%	\$0.00
SFC6K-SUP-5.3.5	Catalyst 6000 Supervisor Flash Image, Release 5.3(5)	1	\$0.00		25.000%	\$0.00
WS-X6K-SUP1A-PFC	Catalyst 6000 Supervisor Engine1-A, 2GE, plus PFC	1	\$17,495.00		25.000%	\$13,121.25
MEM-C6K-FLC16M	Catalyst 6000 Supervisor PCMCIA Flash Mem Card, 16MB Option	1	\$400.00		25.000%	\$300.00
WS-X6348-RJ-45	Catalyst 6000 48-port 10/100, Upgradable to Voice, Enh QoS	3	\$12,995.00		25.000%	\$29,238.75
WS-G5484	1000BASE-SX "Short Wavelength" GBIC (Multimode only)	2	\$500.00		25.000%	\$750.00
	Maintenance and support extended price is calculated for 5 years.					
CON-OSP-WS-C6506	24x7x4 OS Service,Catalyst 6506	1	\$10,500.00		0.000%	\$10,500.00

FOB Point: Origin
Ship Date:
Quote Valid Until: 06/19/2001

Payment Terms: Net 30
Installation: Available on Request and Billable
Warranty: 90 days

Signed:

Bob Blum

Notes:

Netfinity Lab Equipment

This price quotation does not constitute an offer by Cisco to sell products, but is instead an invitation to issue a purchase order to Cisco until the Quotation Valid date specified on this Price Quotation. Such a purchase order will be subject to Cisco's standard procedures, terms, and conditions for the acceptance of purchase orders. This order may be subject to sales tax, VAT, duty and freight charges even if not noted on this quote.

Software House International
2880 Zanker Blvd. #103
San Jose, CA 95134
Matthew Martin
National Account Executive
1-800-766-6357

Description	Part Number	Unit Price	Qty	Extended Price
8-Port 10/100Mbps Hub	DEH2924	79,200	23	\$1,821,600

Prices are valid for 90 days from March 16, 2001.