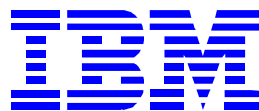

IBM Power 780 Server
Model 9179-MHB
Using
AIX Version 6.1
and
DB2 9.7

TPC BenchmarkTM C
Full Disclosure Report



First Edition

August 17, 2010

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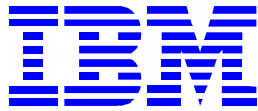
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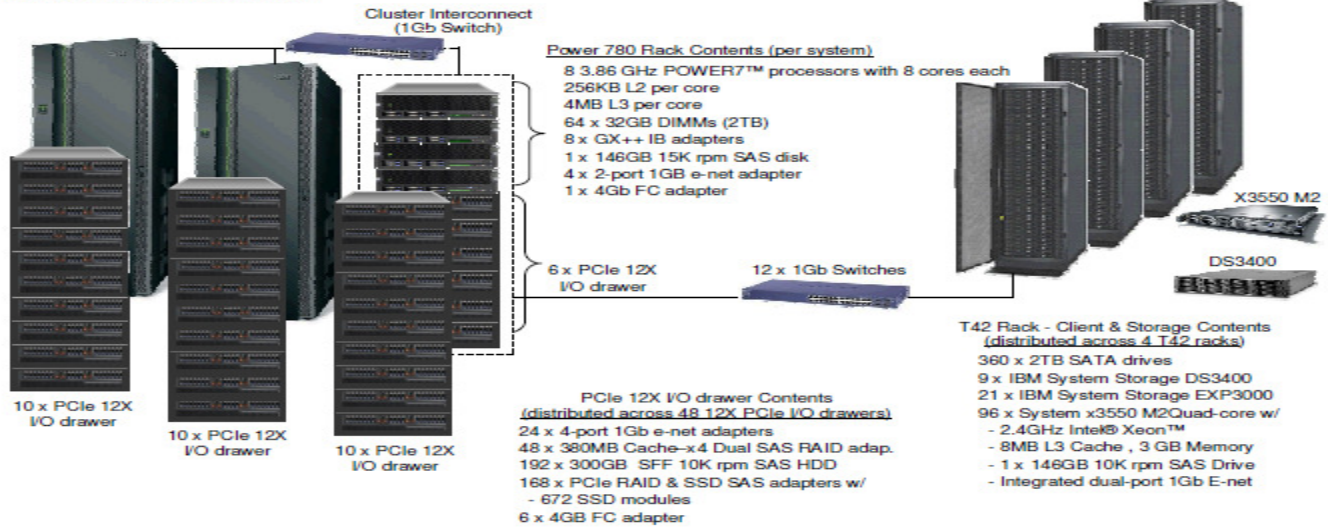
IBM Power 780 Model 9179-MHB

TPC-C Rev. 5.11
TPC Pricing Version 1.5.0

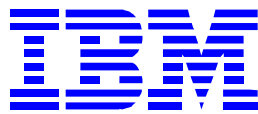
Report Date: August 17, 2010

Total System Cost	TPC-C Throughput	Price/Performance	Availability Date
\$14,276,808 USD	10,366,254 tpmC	\$1.38 USD/tpmC	October 13, 2010
Database Server Processors/Cores/Threads	Database Manager	Operating System	Other Software
24/192/768 POWER7 3.86GHz	DB2 9.7	AIX V6.1	Microsoft Visual C++ Microsoft COM+

3 x IBM Power 780 Server



System Components	Each of the 3 Servers		Each of the 96 Clients	
	Quantity	Description	Quantity	Description
Processors /Cores/Threads	8/64/256	3.86GHz POWER7	1/4/8	2.4GHz Intel Xeon
Memory	64	32GB	3	1 GB
Disk Controllers	9 56 16	4 Gb FC Adapter PCIe RAID & SSD SAS Adp PCIe 380MB Cache RAID Adp	1	SAS Controller
Disk Drives	224 64 120 1	177GB SSD Modules w/eMLC 300GB 10K rpm SAS 2TB 7.2K rpm SATA 146GB 15K rpm SFF SAS	1	146GB 10K rpm SAS
Total Storage		821,447GB		136.61GB
Terminals	1	System Console	1	System Console



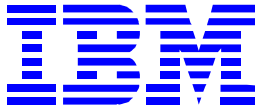
IBM Power 780 Model 9179-MHB

**TPC-C Rev. 5.11
TPC Pricing Version 1.5.0**

Report Date: August 17, 2010

Server Hardware

Server 1:9179-MHB Base MTM	9179-MHB	1	10,195	3	30,585	24,945	
IBM MMB DRWR, IBM BEZEL +CHASSIS/IBM LABELS+	5597	1	12,000	12	144,000		
SYSTEM AC POWER SUPPLY 1725 W	5632	1	1,502	24	36,048		
FSP1 FLEXIBLE SERVICE PROCESSOR CARD	5664	1	4,000	6	24,000		
SERV INTERFACE CABLE 2 3 AN	3671	1	2,000	3	6,000		
SERV INTERFACE CABLE 3 AND 4	3672	1	3,000	3	9,000		
SERV INTERFACE CABLE 4 ENCLOS	3673	1	4,000	3	12,000		
PROCESSOR CABLE TWO THREE OR	3712	1	5,000	3	15,000		
PROCESSOR CABLE THREE OR FOUR	3713	1	10,000	3	30,000		
PROCESSOR CABLE FOUR DRAWER S	3714	1	12,000	3	36,000		
FSP CLOCK PASS THROUGH CARD	5665	1	900	6	5,400		
QUAD (2X RJ45 1GB / 2X SFP+ 10GB) HEA	1803	1	699	12	8,388		
GX++ DUAL-PORT IB ADPTR	1808	1	1,499	24	35,976		
1.5 Meter 12X DDR Cable	1862	1	524	48	25,152		
SAS Cable (X) Adapter to SAS Enclosure	3661	1	197	24	4,728		
PWR CBL., DRWR TO IBM PDU, 9' 200-240V/10A	6671	1	18	120	2,160		
OPERATOR PANEL + SHIP GROUP, P7 MR	1853	1	1,000	3	3,000		
3.8 / 4.1GHZ, 0/16w Core POWER7, 16 DDR3 Memory Slots	4982	1	57,429	12	689,148	72,864	
1W PROCESSOR ACTIVATION FOR FC 4982	5469	1	8,375	192	1,608,000	552,960	
0/128GB(4X32GB) SDRAM DDR3 DIMMS, 1066MHZ	5602	1	15,440	48	741,120		
100GB DDR3 MEMORY ACTIVATION	8213	1	24,500	60	1,470,000		
1GB DDR3 MEMORY ACTIVATION	8212	1	245	144	35,280		
146GB 15K RPM SFF SAS DISK	1886	1	1,045	3	3,135		
DISK/MEDIA BACK PLANE, 6X SFF DISK BAYS, 1X SA	5652	1	4,000	3	12,000		
SATA Slimline DVD-RAM Drive	5762	1	392	3	1,176		
12X I/O DRAWER PCIE, SFF Disk	5802	1	14,277	48	685,296	374,400	
4 Gigabit PCI Express Dual Port Fibre Channel Adapter	5774	1	3,273	9	29,457		
2 PORT 10 100 1000 BASE TX PCI	5767	1	692	12	8,304		
4 PORT 10 100 1000 BASE TX PCI	5717	1	1,087	24	26,088		
Power Control Cable (SPCN) - 3 Meter	6006	1	52	75	3,900		
I/O Drawer Mounting Enclosure	7314	1	687	48	32,976		
OPT FRONT DOOR FOR 2 0M RACK	6069	1	545	6	3,270		
Side Panel (Black)	6098	1	150	12	1,800		
PDU to 14', 200-240V/24A, UTG0247, PT#12	6654	1	240	18	4,320		
Power Dist Unit-Side Mount, Universal UTG0247	7188	1	1,000	18	18,000		
HMC 1:7042-C07 Desktop Hardw.Mgmt.Console	7042-C07	1	1,830	3	5,490	4,032	
IBM T117 FLAT PANEL MONITOR	3645	1	875	3	2,625		
Power Cord (6-foot), To Wall Plug Type #4	6470	1	18	3	54		
Ethernet Cable, 6M, HMC to System Unit	7802	1	33	3	99		
Keyboard - English, #103P	5951	1	107	3	321		
USB Mouse	8845	1	39	3	117		
3.5TB SSD Package consisting of 5 PCIe RAID & SSD SAS adapters & 20 SSD modules with eMLC	4367	1	99,650	33	3,288,450	554,400	
PCIe RAID & SSD SAS adapter	2055	1	4,000	3	12,000		
177GB SSD module with eMLC	1995	1	5,763	12	69,156	13,824	
IBM 42U Enterprise Rack	7014-T42	1	3,970	6	23,820	4,608	
PCIe 380MB Cache Dual - x4 3Gb SAS RAID Adapter	5903	1	2,880	48	138,240		
SAS Cables 0.6 Meters	3688	1	118	48	5,664		
300GB SFF 10K SAS HDD	1885	1	1,376	192	264,192		
Cats cable 10M	3762	1	29	24	696		
			Subtotal		9,611,631	1,602,033	
External Storage							
DS3400	1726-42E	1	9,292	9	83,628	11,700	
EXP3000	1727-01X-2676	1	3,199	21	67,179	15,960	
2 TB 7.2K rpm SATA 2000GB	1727-01X-5423	1	1,279	360	460,440		
SAS Cables 0.6 Meters	3688	1	118	54	6,372		
Fiber Cable 1m	5601	1	79	18	1,422		
IBM 42U Enterprise Rack	7014-T42	1	3,970	4	15,880		
			Subtotal		634,921	27,660	



IBM Power 780 Model 9179-MHB

**TPC-C Rev. 5.11
TPC Pricing Version 1.5.0**

Report Date: August 17, 2010

Server Software

AIX V6 (media only)	5692-A6P	1	50	3	150	
AIX 6 for POWER V6.1	5765-G62	1	2,600	192	499,200	
AIX per processor SWMA Large Power 7 (3Y)	5773-SM3-1260	1	1,755	192		336,960
AIX per processor SWMA Large Power 7 24x7 Upgrade (3Y)	5773-SM3-1261	1	461	192		88,512
HMC Software SUB (3Y)	5773-0570	1	461	3		1,383
HMC Software Support (3Y)	5773-0569	1	675	3		2,025
C for AIX user Lic+SW maint (1Y)	D5A1DLL	1	1,140	3	3,420	
C for AIX user annual SW maint renewal	E1A1FLL	1	228	6		1,368
DB2 InfoSphere Warehouse Ent. Base Ed. 9.7 PVU Lic+Maint (1Y)		1	500	23,040	11,520,000	
DB2 InfoSphere Warehouse Ent. Base Ed. 9.7 PVU Renew (1Y)		1	100	46,080		4,608,000
			Subtotal		12,022,770	5,038,248

Client Hardware and Software

IBM System x3550 M2 (Quad-core Xeon 2.4GHz)	7946AC1	1	3,316	96	318,336	
1 GB memory	3963	1	85	288	24,480	
146GB 10K RPM SAS SFF	5537	1	269	96	25,824	
Cat5 cable 1.5M	3802	1	17	96	1,632	
Cat5 cable 10M	3762	1	29	24	696	
Optical 3-Button Mouse - USB	8913	1	19	1	19	
Preferred Pro Full Size PS/2 Keyboard	40K9584	1	29	1	29	
ServicePac for 3-Year 24x7x4 Support	6756298	1	450	96		43,200
IBM T115 15" TFT Monitor	494215U	1	209	1	209	
			Subtotal		371,225	43,200

Third Party Hardware/Software

Microsoft Visual Studio 2008 Professional	127-00166	2	799	1	799	
Windows Web Server 2008 R2	LWA-00984	2	469	96	45,024	
Microsoft Problem Resolution Services		2	259	1		259
Cisco Catalyst 3750G - 24TS switch - 24 ports	950732	3	3,136	1	3,136	
Cisco SMARTnet Premium extended service agreement-1year	983160	3	960	3		2,880
D-Link DGS 1224T Web Smart 24-port Gigabit Switch	652036	3	290	14	4,060	
APC Smart-UPS XL 3000VA (+2 spares)	SUA3000XL	4	1,375	20	27,500	
APC Smart-UPS XL 48V Battery Pack (+4 spares)	SUA48XLBP	4	609	40	24,360	
			Subtotal		104,879	3,139

Total

22,745,426 **6,714,280**

Total IBM Discounts*

-15,182,898

Three-Year Cost of Ownership

14,276,808

tpmC

10,366,254

\$/tpmC

1.38

Notes:

For pricing details and contact information please see appendix D.

Pricing Sources: 1)IBM 2)Microsoft 3)CDW 4)APC

*Discounts are based on US list prices for similar quantities & configurations including pre-payment for maintenance. The discount applies to the totality of all items with price sources of "1".

Audited by: Francois Raab, InfoSizing (www.sizing.com)

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 specifications. If you find that the stated prices are not available according to these terms, please inform the TPC at pricing@tpc.org. Thank you

Numerical Quantities Summary for the IBM Power 780 Server Model 9179-MHB

MQTH, computed Maximum Qualified Throughput: 10,366,254 tpmC

<u>Response Times (in seconds)</u>	<u>90th %</u>	<u>Average</u>	<u>Maximum</u>
New Order	2.1	1.137	24.041
Payment	2.1	1.138	21.293
Order-Status	2.06	1.095	20.169
Delivery (interactive)	1.64	0.749	17.953
Delivery (deferred)	0.95	0.42	2.48
Stock-Level	2.08	1.113	21.547
Menu	1.64	0.77	23.037

Response time delay added for emulated components was 0.1 seconds

<u>Transaction Mix, in percent of total transactions</u>	<u>Percent</u>
New Order	44.953%
Payment	43.019%
Order-Status	4.010%
Delivery	4.009%
Stock-Level	4.010%

<u>Keving/Think Times (in seconds)</u>	<u>Min.</u>	<u>Average</u>	<u>Max.</u>
New Order	18/0	18/12	18.101/120.313
Payment	3/0	3/12	3.094/120.312
Order-Status	2/0	2/10	2.065/100.313
Delivery	2/0	2/5.03	2.072/50.302
Stock-Level	2/0	2/5.03	2.085/50.313

Test Duration

Ramp-up Time	2 hour 23 minutes 44 secs
Measurement interval	2 hours 0 minutes
Transactions during measurement interval (all types)	2,767,254,834
Ramp-down time	9 minutes

Checkpoints

Number of checkpoints	N/A
Checkpoint interval	N/A

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Abstract

This report documents the full disclosure information required by the TPC Benchmark™ C Standard Specification Revision 5.11 dated February, 2010, for measurements on the IBM Power 780 Server Model 9179-MHB. The software used on the IBM Power 780 Server Model 9179-MHB includes AIX Version 6.1 operating system, DB2 9.7 database manager. Microsoft COM+ is used as transaction manager.

IBM Power 780 Server Model 9179-MHB

Company Name	System Name	Data Base Software	Operating System Software
IBM Corporation	IBM Power 780 Model 9179-MHB	DB2 9.7	AIX Version 6.1

Total System Cost	TPC-C Throughput	Price/Performance
<ul style="list-style-type: none">• Hardware• Software• 3 Years Maintenance	Sustained maximum throughput of system running TPC-C expressed in transactions per minute	Total system cost/tpmC
\$14,276,808 USD	10,366,254 tpmC	\$1.38 USD/tpmC

Preface

TPC Benchmark™ C Standard Specification was developed by the Transaction Processing Performance Council (TPC). It was released on August 13, 1992 and updated with revision 5.11 in February 2010.

This is the full disclosure report for benchmark testing of the IBM Power 780 Server Model 9179-MHB and DB2 9.7 according to the TPC Benchmark™ C Standard Specification.

TPC Benchmark™ C exercises the system components necessary to perform tasks associated with that class of on-line transaction processing (OLTP) environments emphasizing a mixture of read-only and update intensive transactions. This is a complex OLTP application environment exercising a breadth of system components associated by such environments 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
- Data bases consisting of many tables with a wide variety of sizes, attributes, and relationships
- Contention on data access and update

This benchmark defines four on-line transactions and one deferred transaction, intended to emulate functions that are common to many OLTP applications. However, this benchmark does not reflect the entire range of OLTP requirements. 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 benchmarks when critical capacity planning and/or product evaluation decisions are contemplated.

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.

0 General Items

0.1. Application Code Disclosure

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 the IBM application code for the five TPC Benchmark™ C transactions.

0.2. 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.**

0.3. Parameter Settings

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

- *Data Base tuning options*
- *Recovery/commit options*
- *Consistency/locking options*
- *Operating system and application configuration parameters.*

Appendix B contains the system, data base, and application parameters changed from their default values used in these TPC Benchmark™ C tests.

0.4. Configuration Diagrams

Diagrams of both measured and priced configurations must be provided, accompanied by a description of the differences. This includes, but is not limited to:

- *Number and type of processors*
- *Size of allocated memory, and any specific mapping/partitioning of memory unique to the test*
- *Number and type of disk units (and controllers, if applicable)*
- *Number of channels or bus connections to disk units, including the protocol type*
- *Number of LAN (e.g. Ethernet) connections, including routers, work stations, terminals, etc, that were physically used in the test or are incorporated into the pricing structure (see Clause 8.1.8)*
- *Type and run-time execution location of software components (e.g. DBMS, client processes, transaction monitors, software drivers, etc)*

The SUT consists of three IBM Power 780 Servers with internal and external storage.

Each IBM Power 780 is configured as follows:

- 8 x 3.86 GHz POWER7™ processors with 8 cores each
- 256KB L2 per core, 4MB L3 per core
- 2TB Memory
- 4 x 2-Port 10 100 1000 Base TX PCI Ethernet Adapters
- 8 x 4-Port 10 100 1000 Base TX PCI Ethernet Adapters
- 2 x 7014-T00 racks

- 8 x GX++ Dual-Port IB Adapters
- 3 x PCI Express 4Gb Dual-Port Fibre Channel Adapters
- 16 x 12X I/O drawers PCI-E
- 16 x PCIe 380MB Cache Dual -x4 3GB SAS RAID Adapters

Internal storage (per system) includes:

- 1 x 146GB 15K rpm SFF SAS Disk
- 64 x 300GB SFF 10K rpm SAS Disks
- 224 x 177GB SSD Modules which are included in:
 - 11 x 3.5TB SSD packages (each package includes 5 x PCIe RAID & SSD SAS Adapters and 20 x 177GB SSD Modules with eMLC)
 - 1 x PCIe RAID & SSD SAS Adapter with 4 x 177 GB SSD Modules with eMLC

External storage (shared across all three systems) includes:

- 9 x IBM System Storage DS3400 storage controllers (The priced configuration includes 9 DS3400 storage controllers, and the measured configuration includes 3 DS3400 controllers)
- 21 x IBM System Storage EXP3000 expansion drawers (in the priced configuration only)
- 360 x 2TB 7.2K rpm SATA Disks. (The priced configuration includes 360 2TB 7.2K rpm SATA Disks, and the measured configuration includes 12 2TB 7.2K rpm SATA Disks.)

On each system:

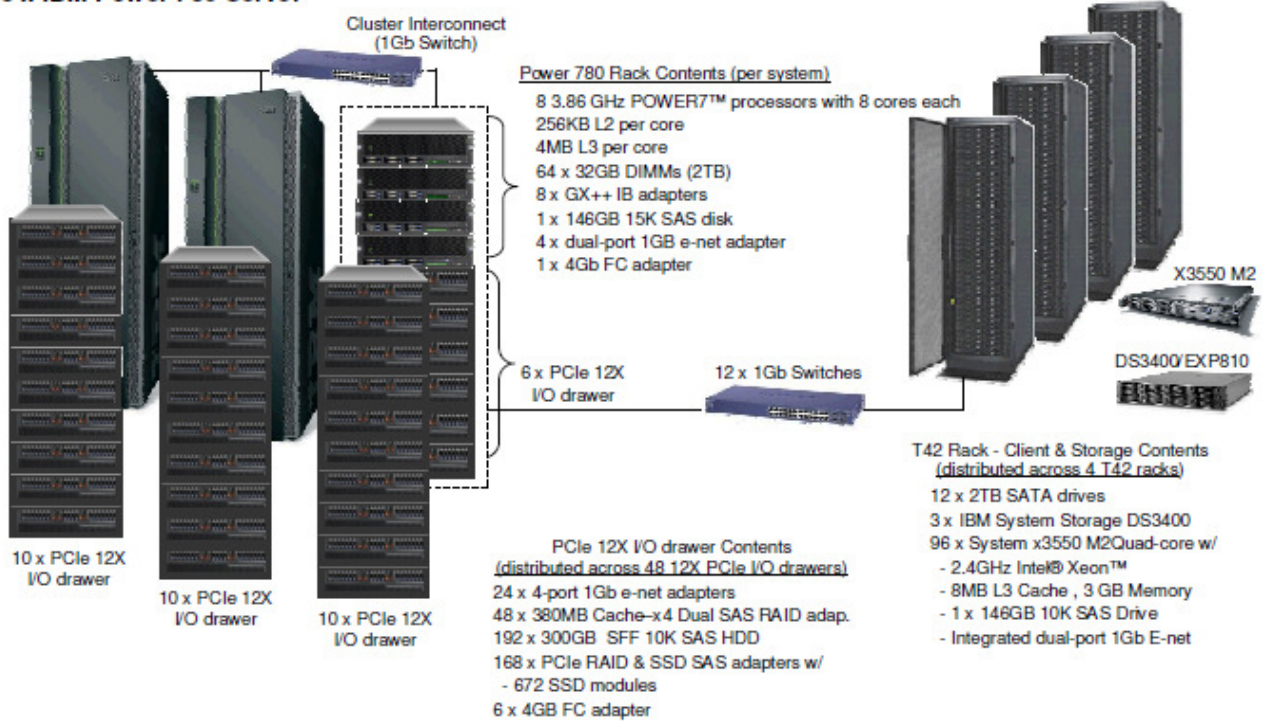
- 1 x 146GB 15K rpm SFF SAS Disk was installed in the Power 780 enclosure.
- 8 of the 12X I/O drawers were populated with 64 300GB SFF 10K rpm SAS Disks for the recovery log data. These disks were connected to the system via 16 PCIe 380MB Cache Dual -x4 3GB SAS RAID adapters.
- All 12X I/O drawers were connected to the system using redundant GX++ dual port IB adapters, and were populated with 56 PCIe RAID & SSD SAS Adapters and 224 SSD modules.

The external storage consists of nine DS3400 storage controllers and 21 EXP3000 expansions drawers. Each DS3400 and EXP3000 can accommodate 12 drives, for a total capacity of 432 drives. The DS3400s are connected to the systems via the 4GB Fiber Channel dual-port adapters.

The cluster interconnect for the systems comprised of a single Cisco Catalyst 3750G-24TS managed gigabit ethernet switch. Each system has eight 1 Gbps connections to this switch, via eight ethernet interfaces.

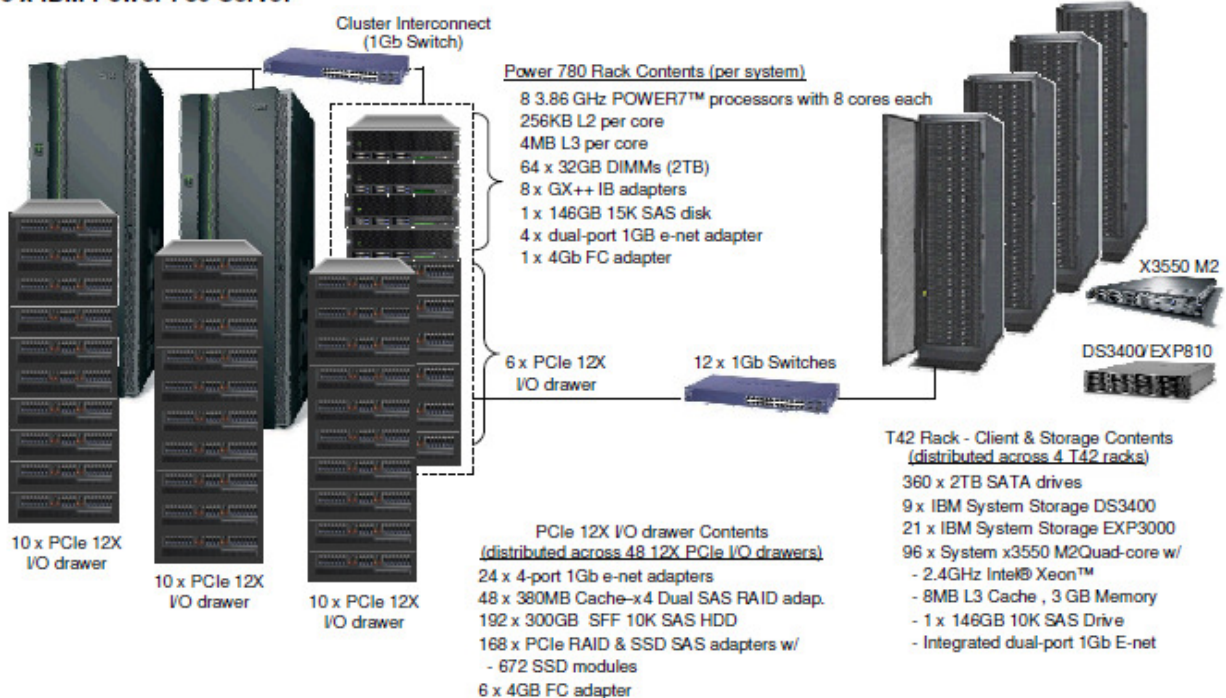
IBM Power 780 Server Model 9179-MHB Benchmark Configuration

3 x IBM Power 780 Server



IBM Power 780 Server Model 9179-MHB Priced Configuration

3 x IBM Power 780 Server



1 Clause 1: Logical Data Base Design Related Items

1.1. Table Definitions

Listings must be provided for all table definition statements and all other statements used to setup the data base.

Appendix C contains the table definitions and the database load programs used to build the data base.

1.2. Database Organization

The physical organization of tables and indices, within the data base, must be disclosed.

Physical space was allocated to DB2 9.7 on the server disks according to the details provided in Appendix C.

1.3. Insert and/or 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 data base 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.

There were no restrictions on insert and/or delete operations to any of the tables. The space required for an additional five percent of the initial table cardinality was allocated to DB2 9.7 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 outside the range of its initial partition.

1.4. Horizontal or Vertical Partitioning

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

All tables except ITEM were horizontally partitioned across 96 database partitions using a proprietary hashing algorithm, using the warehouse ID as the partitioning key. Each of the 96 database partitions contained data for 10,000 warehouses (on average).

The DBMS provides full transparency of data manipulation in this configuration.

1.5. Replication

Replication of tables, if used, must be disclosed.

The ITEM table was replicated across all 96 database partitions. The REFRESH IMMEDIATE option was used to ensure that updates made to the base table were made to all its replicas immediately. Their consistency has been verified by the auditor.

2 Clause 2: Transaction & Terminal Profiles Related Items

2.1. Verification for the Random Number Generator

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

The `srandom()`, `getpid()` and `gettimeofday()` functions are used to produce unique random seeds for each driver. The drivers use these seeds to seed the `srand()`, `random()` and `srand48()` functions. Random numbers are produced using wrappers around the standard system random number generators.

The negative exponential distribution uses the following function to generate the distribution. This function has the property of producing a negative exponential curve with a specified average and a maximum value 4 times the average.

```
const double RANDOM_4_Z = 0.89837799236185
const double RANDOM_4_K = 0.97249842407114
double neg_exp_4(double average {
    return - average * (1/RANDOM_4_Z * log (1 - RANDOM_4_K * drand48()));
})
```

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 the random number generator had affected any kind of a discernible pattern; none were found.

2.2. Input/Output Screens

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

The screen layouts are now presented in HTML 1.0 web pages. Clauses 2.4.3, 2.5.3, 2.6.3, 2.7.3, and 2.8.3 of the TPC-C specifications were used as guidelines for html character placement.

2.3. Priced Terminal Features

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 for the demonstration in 8.1.3.3 must be disclosed and commercially available (including supporting software and maintenance).

The emulated workstations, IBM x3550 systems, are commercially available and support all of the requirements in Clause 2.2.2.4.h

2.4. Presentation Managers

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

The workstations did not involve screen presentations, message bundling or local storage of TPC-C rows. All screen processing was handled by the client system. All data manipulation was handled by the server system.

2.5. Home and Remote Order-lines

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

Table 2-1 shows the percentage of home and remote transactions that occurred during the measurement period for the New-Order transactions.

2.6. New-Order Rollback Transactions

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

Table 2-1 shows the percentage of New-Order transactions that were rolled back due to an illegal item being entered.

2.7. Number of Items per Order

The number of items per order entered by New-Order transactions must be disclosed.

Table 2-1 show the average number of items ordered per New-Order transaction.

2.8. Home and Remote Payment Transactions

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

Table 2-1 shows the percentage of home and remote transactions that occurred during the measurement period for the Payment transactions.

2.9. Non-Primary Key Transactions

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

Table 2-1 shows the percentage of non-primary key accesses to the data base by the Payment and Order-Status transactions.

2.10. Skipped Delivery Transactions

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.

Table 2-1 shows the percentage of Delivery transactions missed due to a shortage of supply of rows in the NEW-ORDER table.

2.11. Mix of Transaction Types

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

Table 2-1 shows the mix percentage for each of the transaction types executed by the SUT.

New Order	IBM Power 780 Model 9179-MHB
Percentage of Home order lines	99.00%
Percentage of Remote order lines	1.00%
Percentage of Rolled Back Transactions	1.00%
Average Number of Items per order	10.00
Payment	
Percentage of Home transactions	85.00%
Percentage of Remote transactions	15.002%
Non-Primary Key Access	
Percentage of Payment using C_LAST	60.004%
Percentage of Order-Status using C_LAST	59.989%
Delivery	
Delivery transactions skipped	0
Transaction Mix	
New-Order	44.953%
Payment	43.019%
Order-Status	4.01%
Delivery	4.009%
Stock-Level	4.01%

Table 2-1: Numerical Quantities for Transaction and Terminal Profiles

2.12. Queuing Mechanism of Delivery

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

The Delivery transaction was submitted to an ISAPI queue that is separate from the COM+ queue that the other transactions used. This queue is serviced by a variable amount of threads that are separate from the worker threads inside the web server. Web server threads are able to complete the on-line part of the Delivery transaction and immediately return successful queuing responses to the drivers. The threads servicing the queue are responsible for completing the deferred part of the transaction asynchronously.

3 Clause 3: Transaction and System Properties

The results of the ACID test must be disclosed along with a description of how the ACID requirements were met.

All ACID tests were conducted according to the specification.

All Atomicity and Isolation tests were conducted using a set of Perl scripts that allowed portions of the transaction logic to be skipped, repeated or substituted with alternate actions, as required by the tests. The transaction logic implemented in the Perl script were examined and found to be equivalent to the stored procedures and embedded SQL used for the benchmark application, as described in clause 4.3.

3.1. Atomicity Requirements

The system under test must guarantee that data base 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.

3.1.1. Atomicity of Completed Transaction

Perform the Payment transaction for a randomly selected warehouse, district, and customer (by customer number) and verify that the records in the CUSTOMER, DISTRICT, and WAREHOUSE tables have been changed appropriately.

The following steps were performed to verify the Atomicity of completed transactions.

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

3.1.2. Atomicity of Aborted Transactions

Perform the Payment transaction for a randomly selected warehouse, district, and customer (by customer number) and substitute a ROLLBACK of the transaction for the COMMIT of the transaction. Verify that the records in the CUSTOMER, DISTRICT, and WAREHOUSE tables have NOT been changed.

The following steps were performed to verify the Atomicity of the aborted Payment transaction:

1. The balance, BALANCE_3, was retrieved from the Customer table for the same Customer, District, and Warehouse combination used in the completed Payment transaction Atomicity test.
2. The Payment transaction was executed for the Customer, District and Warehouse used in step 2. Rather than commit the transaction, the transaction was rolled back.
3. The balance, BALANCE_4 was retrieved again for the Customer, District, and Warehouse combination used in step 2. It was verified that BALANCE_4 was equal to BALANCE_3, demonstrating that there were no remaining effects of the rolled back Payment transaction.

3.2. Consistency Requirements

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

Verify that the data base is initially consistent by verifying that it meets the consistency conditions defined in Clauses 3.3.2.1 to 3.3.2.4. Describe the steps used to do this in sufficient detail so that the steps are independently repeatable.

The specification defines 12 consistency conditions of which the following four are required to be explicitly demonstrated:

1. The sum of balances (d_ytd) for all Districts within a specific Warehouse is equal to the balance (w_ytd) of that Warehouse.
2. For each District within a Warehouse, the next available Order ID (d_next_o_id) minus one is equal to the most recent Order ID [max(o_id)] for the Order table associated with the preceding District and Warehouse. Additionally, that same relationship exists for the most recent Order ID [max(o_id)] for the New Order table associated with the same District and Warehouse. Those relationships can be illustrated as follows:

$$d_next_o_id - 1 = \max(o_id) = \max(no_o_id)$$

where (d_w_id = o_w_id = no_w_id) and (d_id = o_d_id = no_d_id)

3. For each District within a Warehouse, the value of the most recent Order ID [max(no_o_id)] minus the first Order ID [min(no_o_id)] plus one, for the New Order table associated with the District and Warehouse equals the number of rows in that New Order table. That relationship can be illustrated as follows:

$$\max(no_o_id) - \min(no_o_id) + 1 = \text{number of rows in New Order for the Warehouse/District}$$

4. For each District within a Warehouse, the sum of Order Line counts [sum(o_ol_cnt)] for the Order table associated with the District equals the number of rows in the Order Line table associated with the same District. That relationship can be illustrated as follows:

$$\text{sum}(o_ol_cnt) = \text{number of rows in the Order Line table for the Warehouse/District}$$

Prior to the Test Run, the 4 consistency conditions were tested via scripts that issued queries to the database. All queries showed that the database was in a consistent state.

After the Test Run, the 4 consistency conditions were tested again, and results indicated that the database was still in a consistent state.

3.3. Isolation Requirements

Operations of concurrent data base transactions must yield results which are indistinguishable from the results which would be obtained by forcing each transaction to be serially executed to completion in some order.

The benchmark specification defines nine tests to demonstrate the property of transaction isolation. The tests, described in Clauses 3.4.2.1 – 3.4.2.9 were all successfully executed using a series of scripts as described in Clause 3. Case A was observed during the execution of Isolation Tests 7-9.

In addition, Test 7 was executed twice -- once reading from the ITEM table itself, and once reading from the replicated ITEM table.

3.4. Durability Requirements

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

3.4.1. Permanent Unrecoverable Failure of any Single Durable Medium

Permanent irrecoverable failure of any single durable medium containing TPC-C data base tables or recovery log data.

Failure of Log Disk and Log Cache:

The following steps were successfully performed to demonstrate durability against the failure of a durable medium containing recovery log data:

1. The current count of the total number of orders was determined by the sum of D_NEXT_O_ID of all rows in the DISTRICT table giving SUM_1.

2. A full load test was started. The test ran at a tpmC greater than 90% of the reported tpmC for 12 minutes.
3. One of the disks containing the transaction log was removed. Since the disk was a member of a RAID10 array, the SUT continued to process the transactions successfully.
4. The test ran at a tpmC greater than 90% of the reported tpmC for six minutes.
5. Since write cache mirroring was enabled for the log device, one of the SAS RAID adapters, which holds one copy of the mirrored cache, was removed. Failover to the remaining log SAS RAID adapter occurred. The remaining log SAS RAID adapter in the pair deactivated write-back cache.
6. The run continued to completion.
7. Step 1 was performed again, returning SUM_2. It was verified that SUM_2 was greater than or equal to SUM_1 plus the completed New_Order transactions recorded by the RTE..
8. Consistency condition 3 was verified

Failure of Durable Medium Containing TPC-C Database Tables:

The following steps were successfully performed to demonstrate against the failure of a durable medium containing TPC-C database tables:

1. The contents of the database were backed up in full.
2. The current count of the total number of orders was determined by the sum of D_NEXT_O_ID of all rows in the DISTRICT table giving SUM_1.
3. A scaled-down test was started with the three servers, accessing 12.5% of the warehouses built. All physical components present in the measurement run were present and active in this scaled-down test. The test ran at a tpmC greater than 10% of the reported tpmC for ten minutes.
4. A PCIe RAID & SSD SAS adapter with four solid state drives containing active data was removed from one of the servers. The run was allowed to continue until DB2 emitted error messages consistent with a media failure.
5. The PCIe RAID & SSD SAS adapter with four solid state drives was reinserted and the servers were restarted. The full database was restored from the backup copy in step 1.
6. DB2 was restarted and the transactions in the log were applied to the database.
7. Step 2 was performed again, returning SUM_2. It was verified that SUM_2 was greater than or equal to SUM_1 plus the completed New_Order transactions recorded by the RTE.
8. Consistency condition 3 was verified.

Instantaneous Interruption, Memory Failure, and Power Failure of All Servers; Loss of Interconnect:

The following steps were successfully performed to demonstrate durability against instantaneous interruption, memory failure, and power failure of all servers; and, loss of interconnect:

1. The current count of the total number of orders was determined by the sum of D_NEXT_O_ID of all rows in the DISTRICT table giving SUM_1.
2. A full load test was started. The test ran at a tpmC greater than 90% of the reported tpmC for six minutes.
3. The three servers were powered off, which removed power from all server components, including memory. The ethernet switch that connected the servers was powered off.
4. The servers and the ethernet switch were powered on.
5. DB2 was restarted and recovery was performed.
6. Step 1 was performed again, returning SUM_2. It was verified that SUM_2 was greater than or equal to SUM_1 plus the completed New_Order transactions recorded by the RTE.

7. Consistency condition 3 was verified.

Instantaneous Interruption, Memory Failure, and Power Failure of One Server:

The following steps were successfully performed to demonstrate durability against instantaneous interruption, memory failure, and power failure of one server:

1. The current count of the total number of orders was determined by the sum of D_NEXT_O_ID of all rows in the DISTRICT table giving SUM_1.
2. A full load test was started. The test ran at a tpmC greater than 90% of the reported tpmC for six minutes.
3. One of the servers was powered off, which removed power from all of that server's components, including memory.
4. The server was powered back on.
5. DB2 was restarted and recovery was performed.
6. Step 1 was performed again, returning SUM_2. It was verified that SUM_2 was greater than or equal to SUM_1 plus the completed New_Order transactions recorded by the RTE.
7. Consistency condition 3 was verified.

4 Clause 4: Scaling and Data Base Population Related Items

4.1. Cardinality of Tables

The cardinality (e.g., the number of rows) of each table, as it existed at the start of the benchmark run, must be disclosed.

Table 4-1 portrays the TPC Benchmark™ C defined tables and the number of rows for each table as they were built initially.

All tables are based on 960,000 warehouses, the number of active warehouses during the benchmark was 880,320.

Table Name	Number of Rows
Warehouse	960,000
District	9,600,000
Customer	28,800,000,000
History	28,800,000,000
Order	28,800,000,000
New Order	8,640,000,000
Order Line	287,999,910,916
Stock	96,000,000,000
Item	100,000

Table 4-1: Initial Cardinality of Tables

4.2. Distribution of Tables and Logs

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

Forty eight PCIe SAS RAID Adapters connected to 192 300GB 10K rpm SAS disks were used for the log. Each adapter pair was connected to 8 disks and exposed 4 RAID10 LUNs, for a total of 96 RAID10 LUNs. Each of the disks used for the log had 300GB of storage capacity and each RAID10 LUN was 264GB in size. The log device for each of the 96 database partitions was configured on a separate RAID10 LUN.

All database data was distributed across 672 SSDs, with seven SSDs used per database partition. Each SSD was configured as JBOD.

4.3. Data Base Model Implemented

A statement must be provided that describes the data base model implemented by the DBMS used.

The database manager used for this testing was DB2 9.7. DB2 9.7 is a relational DBMS. DB2 stored procedures and embedded SQL statements were used. The DB2 stored procedures were invoked via SQL CALL statements. Both the client application and stored procedures were written in embedded C code.

4.4. Partitions/Replications Mapping

The mapping of data base partitions/replications must be explicitly described.

All tables except ITEM were horizontally partitioned across 96 database partitions.

The ITEM table was replicated across all 96 database partitions.

The data from each partitioned and/or replicated table was distributed over the 7 SSDs assigned to each database partition.

The ITEM table (the source for the replicas) was stored on the first database partition only.

The specifics of the distribution can be found in the following table.

SYSTEM	DISK	LOGICAL DATABASE PARTITION	CONTAINER
1	hdisk6	0	D1F01V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR,ITM}
1	hdisk7		D1F01V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR,ITM}
1	hdisk8		D1F01V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR,ITM}
1	hdisk9		D1F01V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR,ITM}
1	hdisk10		D1F01V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR,ITM}
1	hdisk11		D1F01V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR,ITM}
1	hdisk12		D1F01V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR,ITM}
1	hdisk13	1	D1F01V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk14		D1F01V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk15		D1F01V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk16		D1F01V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk17		D1F01V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk18		D1F01V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk19		D1F01V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk20	2	D1F01V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk21		D1F01V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk22		D1F01V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk23		D1F01V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk24		D1F01V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk25		D1F01V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk26		D1F01V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk27	3	D1F01V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk28		D1F01V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk29		D1F01V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk30		D1F01V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk31		D1F01V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk32		D1F01V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk33		D1F01V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk34	4	D1F02V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk35		D1F02V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk36		D1F02V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk37		D1F02V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk38		D1F02V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk39		D1F02V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk40		D1F02V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk41	5	D1F02V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk42		D1F02V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk43		D1F02V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}

1	hdisk44		D1F02V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk45		D1F02V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk46		D1F02V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk47		D1F02V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk48	6	D1F02V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk49		D1F02V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk50		D1F02V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk51		D1F02V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk52		D1F02V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk53		D1F02V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk54		D1F02V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk55	7	D1F02V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk56		D1F02V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk57		D1F02V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk58		D1F02V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk59		D1F02V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk60		D1F02V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk61		D1F02V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk62	8	D1F03V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk63		D1F03V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk64		D1F03V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk65		D1F03V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk66		D1F03V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk67		D1F03V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk68		D1F03V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk69	9	D1F03V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk70		D1F03V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk71		D1F03V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk72		D1F03V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk73		D1F03V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk74		D1F03V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk75		D1F03V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk76	10	D1F03V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk77		D1F03V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk78		D1F03V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk79		D1F03V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk80		D1F03V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk81		D1F03V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk82		D1F03V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk83	11	D1F03V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk84		D1F03V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk85		D1F03V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk86		D1F03V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk87		D1F03V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk88		D1F03V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk89		D1F03V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk90	12	D1F04V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk91		D1F04V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk92		D1F04V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk93		D1F04V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}

1	hdisk94		D1F04V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk95		D1F04V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk96		D1F04V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk97	13	D1F04V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk98		D1F04V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk99		D1F04V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk100		D1F04V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk101		D1F04V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk102		D1F04V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk103		D1F04V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk104	14	D1F04V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk105		D1F04V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk106		D1F04V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk107		D1F04V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk108		D1F04V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk109		D1F04V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk110		D1F04V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk111	15	D1F04V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk112		D1F04V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk113		D1F04V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk114		D1F04V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk115		D1F04V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk116		D1F04V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk117		D1F04V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk118	16	D1F05V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk119		D1F05V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk120		D1F05V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk121		D1F05V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk122		D1F05V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk123		D1F05V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk124		D1F05V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk125	17	D1F05V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk126		D1F05V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk127		D1F05V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk128		D1F05V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk129		D1F05V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk130		D1F05V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk131		D1F05V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk132	18	D1F05V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk133		D1F05V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk134		D1F05V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk135		D1F05V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk136		D1F05V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk137		D1F05V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk138		D1F05V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk139	19	D1F05V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk140		D1F05V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk141		D1F05V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk142		D1F05V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk143		D1F05V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}

1	hdisk144		D1F05V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk145		D1F05V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk146	20	D1F06V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk147		D1F06V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk148		D1F06V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk149		D1F06V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk150		D1F06V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk151		D1F06V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk152		D1F06V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk153	21	D1F06V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk154		D1F06V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk155		D1F06V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk156		D1F06V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk157		D1F06V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk158		D1F06V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk159		D1F06V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk160	22	D1F06V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk161		D1F06V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk162		D1F06V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk163		D1F06V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk164		D1F06V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk165		D1F06V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk166		D1F06V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk167	23	D1F06V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk168		D1F06V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk169		D1F06V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk170		D1F06V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk171		D1F06V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk172		D1F06V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk173		D1F06V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk174	24	D1F07V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk175		D1F07V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk176		D1F07V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk177		D1F07V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk178		D1F07V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk179		D1F07V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk180		D1F07V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk181	25	D1F07V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk182		D1F07V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk183		D1F07V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk184		D1F07V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk185		D1F07V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk186		D1F07V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk187		D1F07V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk188	26	D1F07V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk189		D1F07V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk190		D1F07V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk191		D1F07V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk192		D1F07V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk193		D1F07V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}

1	hdisk194		D1F07V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk195	27	D1F07V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk196		D1F07V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk197		D1F07V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk198		D1F07V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk199		D1F07V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk200		D1F07V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk201		D1F07V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk202	28	D1F08V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk203		D1F08V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk204		D1F08V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk205		D1F08V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk206		D1F08V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk207		D1F08V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk208		D1F08V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk209	29	D1F08V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk210		D1F08V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk211		D1F08V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk212		D1F08V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk213		D1F08V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk214		D1F08V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk215		D1F08V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk216	30	D1F08V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk217		D1F08V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk218		D1F08V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk219		D1F08V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk220		D1F08V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk221		D1F08V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk222		D1F08V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk223	31	D1F08V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk224		D1F08V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk225		D1F08V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk226		D1F08V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk227		D1F08V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk228		D1F08V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
1	hdisk229		D1F08V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk6	32	D1F09V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk7		D1F09V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk8		D1F09V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk9		D1F09V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk10		D1F09V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk11		D1F09V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk12		D1F09V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk13	33	D1F09V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk14		D1F09V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk15		D1F09V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk16		D1F09V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk17		D1F09V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk18		D1F09V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk19		D1F09V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}

2	hdisk20	34	D1F09V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk21		D1F09V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk22		D1F09V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk23		D1F09V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk24		D1F09V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk25		D1F09V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk26		D1F09V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk27	35	D1F09V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk28		D1F09V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk29		D1F09V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk30		D1F09V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk31		D1F09V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk32		D1F09V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk33		D1F09V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk34	36	D1F10V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk35		D1F10V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk36		D1F10V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk37		D1F10V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk38		D1F10V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk39		D1F10V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk40		D1F10V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk41	37	D1F10V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk42		D1F10V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk43		D1F10V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk44		D1F10V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk45		D1F10V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk46		D1F10V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk47		D1F10V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk48	38	D1F10V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk49		D1F10V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk50		D1F10V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk51		D1F10V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk52		D1F10V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk53		D1F10V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk54		D1F10V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk55	39	D1F10V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk56		D1F10V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk57		D1F10V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk58		D1F10V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk59		D1F10V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk60		D1F10V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk61		D1F10V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk62	40	D1F11V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk63		D1F11V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk64		D1F11V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk65		D1F11V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk66		D1F11V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk67		D1F11V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk68		D1F11V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk69	41	D1F11V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}

2	hdisk70		D1F11V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk71		D1F11V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk72		D1F11V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk73		D1F11V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk74		D1F11V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk75		D1F11V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk76	42	D1F11V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk77		D1F11V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk78		D1F11V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk79		D1F11V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk80		D1F11V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk81		D1F11V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk82		D1F11V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk83	43	D1F11V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk84		D1F11V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk85		D1F11V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk86		D1F11V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk87		D1F11V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk88		D1F11V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk89		D1F11V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk90	44	D1F12V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk91		D1F12V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk92		D1F12V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk93		D1F12V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk94		D1F12V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk95		D1F12V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk96		D1F12V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk97	45	D1F12V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk98		D1F12V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk99		D1F12V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk100		D1F12V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk101		D1F12V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk102		D1F12V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk103		D1F12V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk104	46	D1F12V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk105		D1F12V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk106		D1F12V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk107		D1F12V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk108		D1F12V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk109		D1F12V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk110		D1F12V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk111	47	D1F12V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk112		D1F12V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk113		D1F12V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk114		D1F12V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk115		D1F12V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk116		D1F12V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk117		D1F12V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk118	48	D1F13V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk119		D1F13V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}

2	hdisk120		D1F13V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk121		D1F13V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk122		D1F13V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk123		D1F13V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk124		D1F13V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk125	49	D1F13V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk126		D1F13V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk127		D1F13V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk128		D1F13V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk129		D1F13V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk130		D1F13V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk131		D1F13V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk132	50	D1F13V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk133		D1F13V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk134		D1F13V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk135		D1F13V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk136		D1F13V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk137		D1F13V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk138		D1F13V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk139	51	D1F13V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk140		D1F13V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk141		D1F13V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk142		D1F13V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk143		D1F13V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk144		D1F13V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk145		D1F13V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk146	52	D1F14V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk147		D1F14V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk148		D1F14V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk149		D1F14V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk150		D1F14V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk151		D1F14V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk152		D1F14V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk153	53	D1F14V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk154		D1F14V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk155		D1F14V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk156		D1F14V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk157		D1F14V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk158		D1F14V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk159		D1F14V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk160	54	D1F14V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk161		D1F14V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk162		D1F14V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk163		D1F14V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk164		D1F14V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk165		D1F14V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk166		D1F14V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk167	55	D1F14V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk168		D1F14V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk169		D1F14V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}

2	hdisk170		D1F14V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk171		D1F14V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk172		D1F14V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk173		D1F14V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk174	56	D1F15V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk175		D1F15V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk176		D1F15V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk177		D1F15V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk178		D1F15V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk179		D1F15V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk180		D1F15V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk181	57	D1F15V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk182		D1F15V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk183		D1F15V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk184		D1F15V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk185		D1F15V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk186		D1F15V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk187		D1F15V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk188	58	D1F15V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk189		D1F15V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk190		D1F15V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk191		D1F15V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk192		D1F15V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk193		D1F15V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk194		D1F15V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk195	59	D1F15V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk196		D1F15V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk197		D1F15V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk198		D1F15V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk199		D1F15V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk200		D1F15V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk201		D1F15V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk202	60	D1F16V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk203		D1F16V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk204		D1F16V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk205		D1F16V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk206		D1F16V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk207		D1F16V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk208		D1F16V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk209	61	D1F16V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk210		D1F16V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk211		D1F16V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk212		D1F16V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk213		D1F16V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk214		D1F16V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk215		D1F16V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk216	62	D1F16V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk217		D1F16V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk218		D1F16V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk219		D1F16V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}

2	hdisk220		D1F16V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk221		D1F16V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk222		D1F16V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk223	63	D1F16V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk224		D1F16V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk225		D1F16V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk226		D1F16V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk227		D1F16V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk228		D1F16V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
2	hdisk229		D1F16V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk6	64	D1F17V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk7		D1F17V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk8		D1F17V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk9		D1F17V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk10		D1F17V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk11		D1F17V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk12		D1F17V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk13	65	D1F17V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk14		D1F17V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk15		D1F17V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk16		D1F17V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk17		D1F17V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk18		D1F17V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk19		D1F17V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk20	66	D1F17V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk21		D1F17V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk22		D1F17V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk23		D1F17V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk24		D1F17V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk25		D1F17V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk26		D1F17V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk27	67	D1F17V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk28		D1F17V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk29		D1F17V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk30		D1F17V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk31		D1F17V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk32		D1F17V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk33		D1F17V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk34	68	D1F18V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk35		D1F18V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk36		D1F18V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk37		D1F18V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk38		D1F18V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk39		D1F18V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk40		D1F18V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk41	69	D1F18V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk42		D1F18V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk43		D1F18V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk44		D1F18V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk45		D1F18V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}

3	hdisk46		D1F18V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk47		D1F18V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk48	70	D1F18V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk49		D1F18V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk50		D1F18V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk51		D1F18V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk52		D1F18V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk53		D1F18V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk54		D1F18V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk55	71	D1F18V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk56		D1F18V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk57		D1F18V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk58		D1F18V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk59		D1F18V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk60		D1F18V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk61		D1F18V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk62	72	D1F19V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk63		D1F19V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk64		D1F19V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk65		D1F19V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk66		D1F19V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk67		D1F19V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk68		D1F19V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk69	73	D1F19V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk70		D1F19V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk71		D1F19V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk72		D1F19V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk73		D1F19V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk74		D1F19V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk75		D1F19V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk76	74	D1F19V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk77		D1F19V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk78		D1F19V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk79		D1F19V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk80		D1F19V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk81		D1F19V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk82		D1F19V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk83	75	D1F19V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk84		D1F19V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk85		D1F19V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk86		D1F19V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk87		D1F19V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk88		D1F19V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk89		D1F19V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk90	76	D1F20V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk91		D1F20V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk92		D1F20V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk93		D1F20V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk94		D1F20V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk95		D1F20V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}

3	hdisk96		D1F20V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk97	77	D1F20V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk98		D1F20V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk99		D1F20V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk100		D1F20V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk101		D1F20V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk102		D1F20V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk103		D1F20V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk104	78	D1F20V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk105		D1F20V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk106		D1F20V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk107		D1F20V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk108		D1F20V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk109		D1F20V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk110		D1F20V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk111	79	D1F20V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk112		D1F20V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk113		D1F20V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk114		D1F20V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk115		D1F20V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk116		D1F20V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk117		D1F20V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk118	80	D1F21V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk119		D1F21V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk120		D1F21V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk121		D1F21V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk122		D1F21V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk123		D1F21V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk124		D1F21V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk125	81	D1F21V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk126		D1F21V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk127		D1F21V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk128		D1F21V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk129		D1F21V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk130		D1F21V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk131		D1F21V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk132	82	D1F21V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk133		D1F21V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk134		D1F21V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk135		D1F21V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk136		D1F21V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk137		D1F21V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk138		D1F21V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk139	83	D1F21V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk140		D1F21V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk141		D1F21V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk142		D1F21V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk143		D1F21V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk144		D1F21V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk145		D1F21V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}

3	hdisk146	84	D1F22V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk147		D1F22V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk148		D1F22V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk149		D1F22V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk150		D1F22V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk151		D1F22V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk152		D1F22V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk153	85	D1F22V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk154		D1F22V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk155		D1F22V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk156		D1F22V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk157		D1F22V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk158		D1F22V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk159		D1F22V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk160	86	D1F22V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk161		D1F22V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk162		D1F22V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk163		D1F22V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk164		D1F22V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk165		D1F22V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk166		D1F22V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk167	87	D1F22V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk168		D1F22V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk169		D1F22V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk170		D1F22V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk171		D1F22V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk172		D1F22V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk173		D1F22V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk174	88	D1F23V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk175		D1F23V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk176		D1F23V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk177		D1F23V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk178		D1F23V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk179		D1F23V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk180		D1F23V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk181	89	D1F23V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk182		D1F23V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk183		D1F23V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk184		D1F23V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk185		D1F23V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk186		D1F23V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk187		D1F23V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk188	90	D1F23V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk189		D1F23V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk190		D1F23V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk191		D1F23V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk192		D1F23V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk193		D1F23V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk194		D1F23V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk195	91	D1F23V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}

3	hdisk196		D1F23V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk197		D1F23V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk198		D1F23V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk199		D1F23V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk200		D1F23V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk201		D1F23V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk202	92	D1F24V1C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk203		D1F24V1C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk204		D1F24V1C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk205		D1F24V1C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk206		D1F24V1C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk207		D1F24V1C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk208		D1F24V1C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk209	93	D1F24V2C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk210		D1F24V2C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk211		D1F24V2C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk212		D1F24V2C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk213		D1F24V2C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk214		D1F24V2C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk215		D1F24V2C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk216	94	D1F24V3C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk217		D1F24V3C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk218		D1F24V3C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk219		D1F24V3C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk220		D1F24V3C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk221		D1F24V3C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk222		D1F24V3C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk223	95	D1F24V4C1{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk224		D1F24V4C2{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk225		D1F24V4C3{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk226		D1F24V4C4{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk227		D1F24V4C5{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk228		D1F24V4C6{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}
3	hdisk229		D1F24V4C7{CST,CSTI,DIS,HST,ITMR,NEW,OLN,ORD,ORDI,STK,WAR}

Table 4-2: IBM Power 780 Server Model 9179-MHB Data Distribution Benchmark Configuration

4.5. 60-Day Space Calculations

Details of the 60 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.

Warehouses	960,000
Measured TpmC	10,366,254

Table	Rows	Table	Index	5% Space	Total Space
Warehouse	960,000	156	0	8	164
District	9,600,000	1,181	0	59	1,240
Item	100,000	11	0	1	11
Stock	96,000,000,000	31,250,531	0	1,562,527	32,813,058
Customer	28,800,000,000	22,500,438	1,436,486	1,196,846	25,133,770
New-Order	8,640,000,000	353,980	0	17,699	371,679
Orders	28,800,000,000	1,003,741	873,518	0	1,877,259
Order-Line	288,000,000,000	17,554,986	0	0	17,554,986
History	28,800,000,000	1,773,605	0	0	1,773,605
Additional Overhead		19,639,995			19,639,995

Free Space	13,515,970		
Dynamic Space	20,332,332		
Static Space	78,833,436		
Daily Growth	3,512,835		
Daily Spread	8,246,717		
		<u>30 Minute log Computations</u>	
		Log Written (KB)	931,140,667
		New-Order Txns	310,987,620
		Log Written per New-Order (KB)	2.99

Data Storage Requirement

60 Days (MB)	784,406,577
60 Days (GB)	766,022

Log Storage Requirement

8 Hours (GB)	14,208.08
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Disk Sizing

Disk Type	Formatted	SUT		Priced	
	Capacity (GB)	# of Disks	Capacity (GB)	# of Disks	Capacity (GB)
DB SSD 177GB	186.30	672	125,194	672	125,194
LOG 10K SAS 2x300GB RAID10	264.00	96	25,344	96	25,344
OS SAS 146GB	136.50	3	410	3	410
DB SATA 2TB	1,862.50	12	22,350	360	670,500

Total Capacity					821,447
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5 Clause 5: Performance Metrics and Response Time Related Items

5.1. Response Times

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

Table 5-1 lists the response times and the ninetieth percentiles for each of the transaction types for the measured system.

5.2. Keying and Think Times

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

Table 5-1 lists the TPC-C keying and think times for the measured system.

Response Times	New Order	Payment	Order Status	Delivery (int./def.)	Stock Level	Menus
90 %	2.1	2.1	2.06	1.64/0.95	2.08	1.654
Average	1.137	1.138	1.095	0.749/0.42	1.113	0.77
Maximum	24.041	21.293	20.169	17.953/2.48	21.547	23.037
Think Times						
Minimum	0	0	0	0	0	N/A
Average	12.029	12.029	10.029	5.028	5.029	N/A
Maximum	120.313	120.312	100.313	50.302	50.313	N/A
Keying Times						
Minimum	18	3	2	2	2	N/A
Average	18	3	2	2	2	N/A
Maximum	18.101	3.094	2.065	2.072	2.085	N/A

Table 5-1: Think and Keying Times

5.3. Response Time Frequency Distribution

Response time frequency distribution curves must be reported for each transaction type.

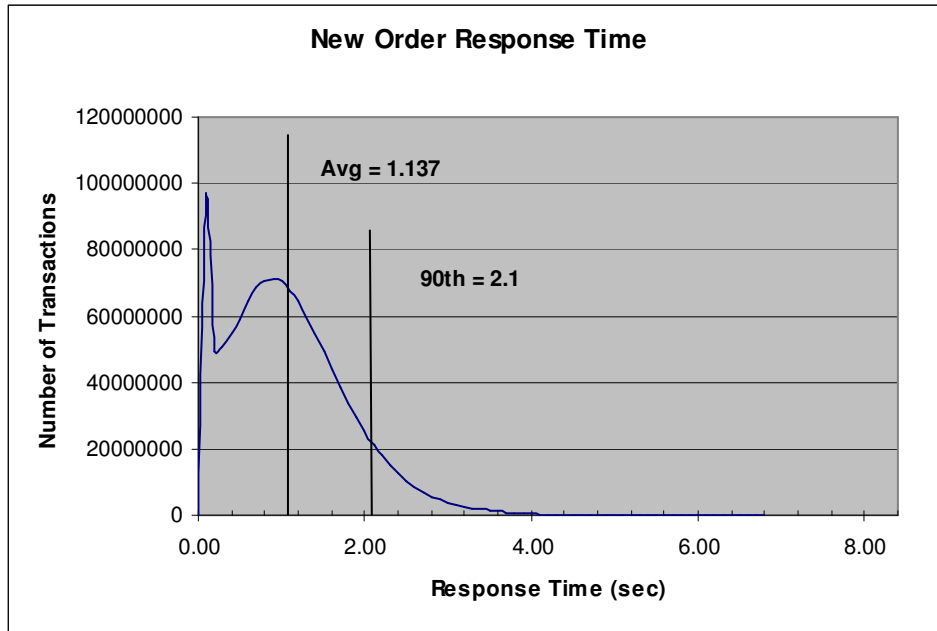


Figure 5-1: New-Order Response Time Distribution

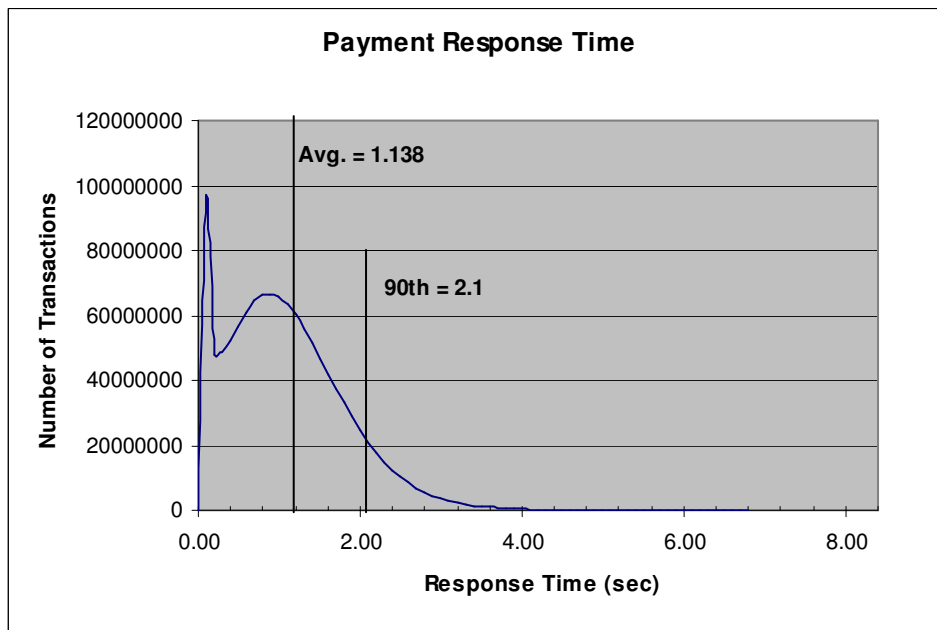


Figure 5-2: Payment Response Time Distribution

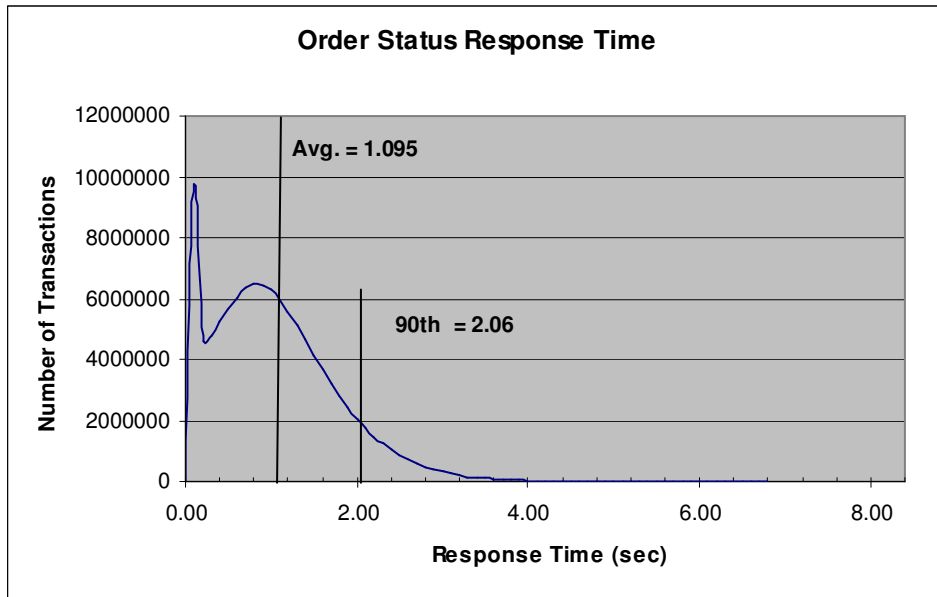


Figure 5-3: Order-Status Response Time Distribution

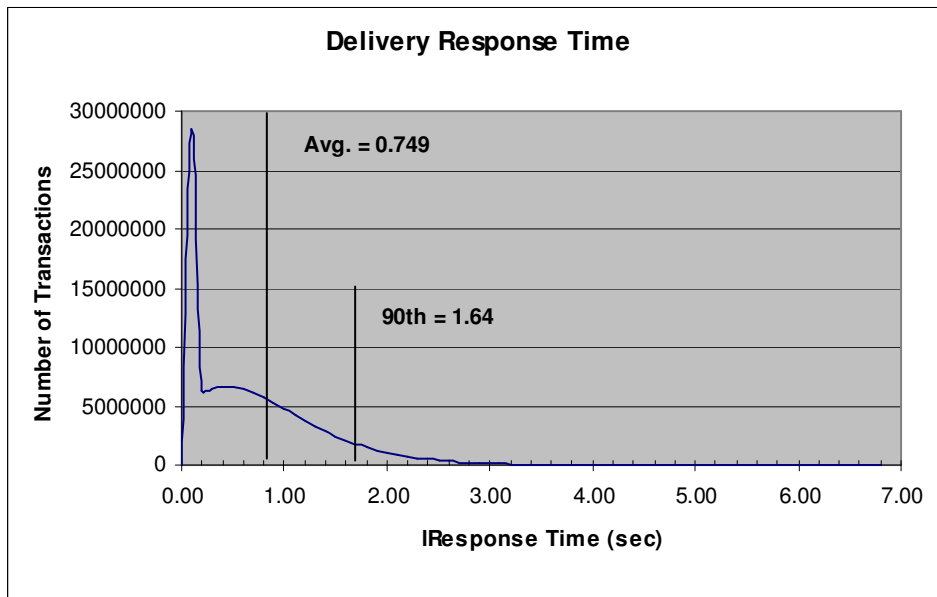


Figure 5-4: Delivery (Interactive) Response Time Distribution

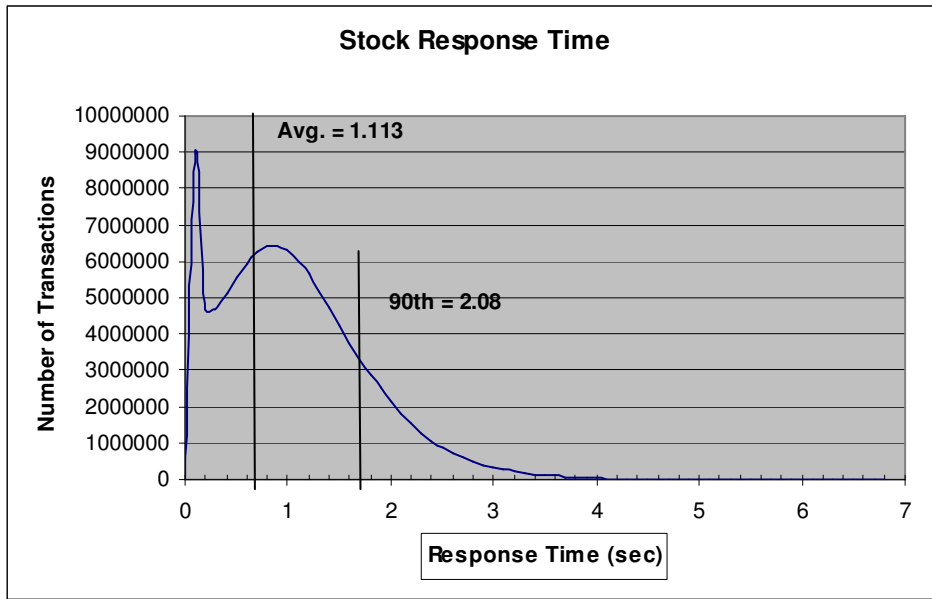


Figure 5-5: Stock Level Response Time Distribution

5.4. Performance Curve for Response Time versus Throughput

The performance curve for response times versus throughput must be reported for the New-Order transaction.

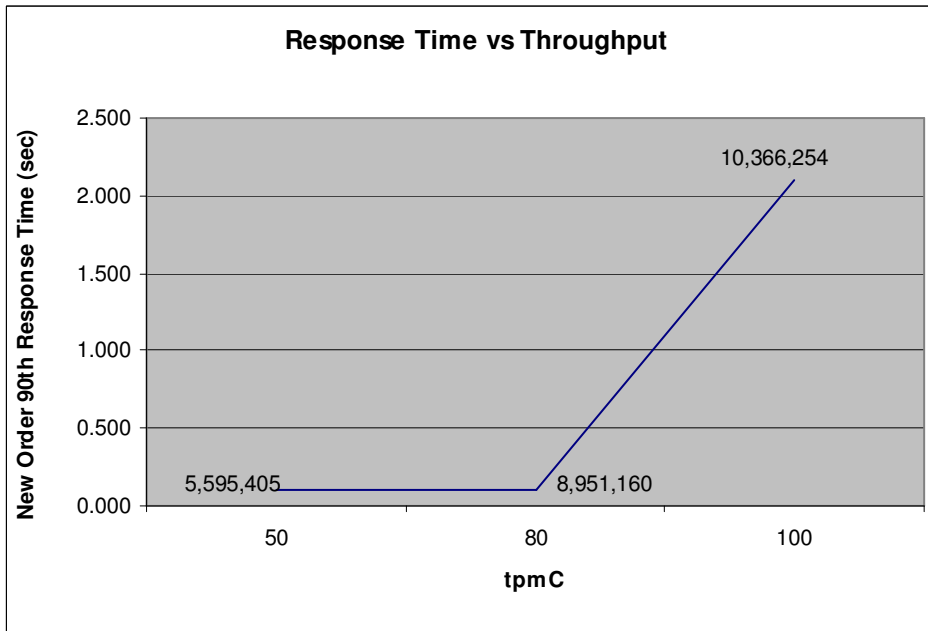


Figure 5-6: New-Order Response Time vs. Throughput

5.5. Think Time Frequency Distribution

A graph of the think time frequency distribution must be reported for the New-Order transaction.

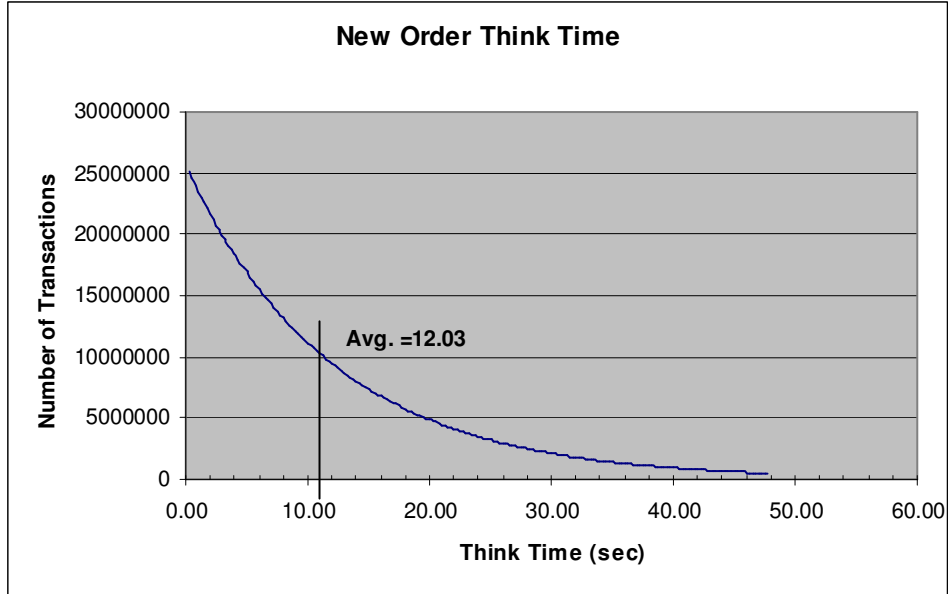


Figure 5-7: New-Order Think Time Distribution

5.6. Throughput versus Elapsed Time

A graph of throughput versus elapsed time must be reported for the New-Order transaction.

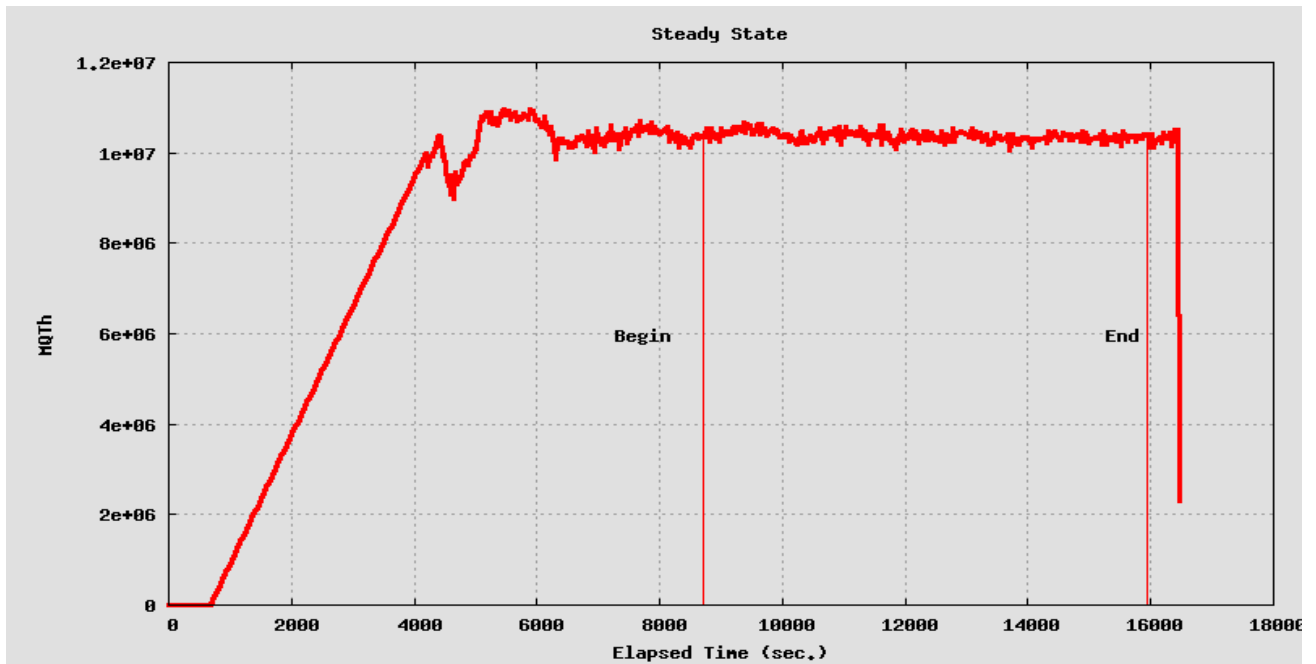


Figure 5-8: New-Order Throughput vs. Elapsed Time

5.7. Steady State Determination

The method used to determine that the SUT had reached a steady state prior to commencing the measurement interval must be described.

All the emulated users were allowed to logon and do transactions. The user ramp-up phase is clearly visible on the graph above. Refer to the Numerical Quantities Summary pages for the rampup time. Figure 5-8 New-Order throughput versus Elapsed Time graph shows that the system maintained a steady state during the measurement interval

5.8. Work Performed During Steady State

A description of how the work normally performed during a sustained test (for example check pointing, writing redo/undo log records, etc), actually occurred during the measurement interval must be reported.

A 2-hour 0-minute measurement interval was used to guarantee that all work normally performed during an 8-hour sustained test are included in the reported throughput.

5.8.1. Transaction Flow

Each of the 4 (non-delivery) transactions is serviced by 2 individual programs, Internet Information System 5.1 (IIS) and a Microsoft COM+ 1.0 Queued Component Server, used as the transaction manager (COM+). Both programs are running on the client system:

- The initial HTML 1.0 request is serviced by an ISAPI custom-written handler running on Internet Information System 5.1(IIS). IIS is responsible for handling all HTML requests. The web server communicates to the COM+ server through a Microsoft COM+ api interface.
- COM+ communicates with the Server system over Ethernet and handles all database operations, using DB2 embedded SQL calls.

When the COM+ server boots up, it creates a configurable amount of connections to the Server (listed in application settings).

COM+ routes the transaction and balances the load according to the options defined in the Component Services GUI for the COM+ server application and settings in the Windows 2008 Registry. The configuration file and registry variables are listed in Appendix B.2.

At the beginning, each TPC-C user sends a pair of HTML 1.0 requests submitting its unique warehouse and district to the IIS ISAPI handler. Upon successful validation of user's login, IIS displays an HTML form which encapsulates the TPC-C transaction menu.

The transaction flow is described below:

- The TPC-C user requests the transaction type's HTML form and proceeds to generate (fill in) a GET request with the required files for the transaction.
- IIS accepts the filled in GET request, parses, and validates all values entered by the user.
- It then proceeds to transmit those values to the COM+ server through an transaction type specific COM+ api interface.
- The COM+ Pool Manager receives the request and first decides if there is a connection object in the pool available to service it.
 - If so, the connection is used to send the transaction request to the Server.
 - If no connection is available, the request will enter a COM+ internal queue and will be serviced by the next available connection.
- Once the connection is available to be used, a COM+ pool thread receives the transaction and calls a TPC-C back end DB2 client api to execute all database operations related to the transaction type. (All the transaction information entered on the HTML form is available in a data structure provided by the ISAPI caller).
- The transaction is committed and the DB2 back end client returns control back to the COM pool thread.
- COM pool thread returns control to the ISAPI caller.
(All transaction results are inside the data structure that the ISAPI caller provided to the COM+ api in the parameter list).
- ISAPI caller returns control to the "screen application" by doing a PUT request.

5.8.2. Database Transaction

All database operations are performed by the TPC-C back-end programs. The process is described below:

Using embedded SQL calls, the TPC-C back-end program interacts with DB2 9.7 to perform SQL data manipulations such as update, select, delete and insert, as required by the transaction. After all database operations are performed for a transaction, the transaction is committed.

DB2 9.7 proceeds to update the database as follows:

When DB2 9.7 changes a database table with an update, insert, or delete operation, the change is initially made in memory, not on disk. When there is not enough space in the memory buffer to read in or write additional data pages, DB2 9.7 will make space by flushing some modified pages to disk. Modified pages are also written to disk as part of the “Soft” checkpoint to ensure that no updates remain unflushed for longer than the allowed time. Before a change is made to the database, it is first recorded in the transaction log. This ensures that the database can be recovered completely in the event of a failure. Using the transaction log, transactions that started but did not complete prior to a failure can be undone, and transactions recorded as complete in the transaction log but not yet written to disk can be redone.

5.8.3. Checkpoints

DB2 9.7 uses a write-ahead-logging protocol to guarantee recovery. This protocol uses “Soft” checkpoint to write least-recently-used database pages to disk independent of transaction commit. However, enough log information to redo/undo the change to a database pages is committed to disk before the database page itself is written. This protocol therefore renders checkpoint unnecessary for DB2 9.7. For a more detailed description of the general principles of the write-ahead-logging protocol, see the IBM research paper, “ARIES: A Transaction Recovery Method Supporting Fine Granularity Locking and Partial Rollbacks Using Write-Ahead Logging,” by C. Mohan, Database Technology Institute, IBM Almaden Research Center.

([http:// portal.acm.org/citation.cfm?id=128770&coll=portal&dl=ACM&CFID=10343790&CFTOKEN=42047146](http://portal.acm.org/citation.cfm?id=128770&coll=portal&dl=ACM&CFID=10343790&CFTOKEN=42047146))

5.9. Measurement Interval

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

A 2-hour 0-minute measurement interval was used. No connections were lost during the run.

6 Clause 6: SUT, Driver, and Communication Definition Related Items

6.1. RTE Availability

If the RTE is commercially available, then its inputs must be specified. Otherwise, a description must be supplied of what inputs to the RTE had been used.

IBM used an internally developed RTE for these tests. Appendix D contains the scripts used in the testing.

6.2. Functionality and Performance of 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.

No components were emulated.

6.3. Network Bandwidth

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

The database system was connected to 14 Ethernet Gigabit switches with a rate of 1000Mbps full duplex. The Cisco Catalyst 3750G-24TS managed gigabit Ethernet switch was used for the cluster interconnect and the other 13 switches were used to connect the 96 clients to the 3 servers. All network connections in tested/priced configuration utilized a bandwidth of 1 Gbps full-duplex.

6.4. Operator Intervention

If the configuration requires operator intervention, the mechanism and the frequency of this intervention must be disclosed.

No operator intervention is required to sustain the reported throughput during the eight-hour period.

7 Clause 7: Pricing Related Items

7.1. Hardware and Programs Used

A detailed list of the hardware and software used in the priced system must be reported. Each item must have vendor part number, description, and release/revision level, and either general availability status or committed delivery date. If package-pricing is used, contents of the package must be disclosed. Pricing source(s) and effective date(s) must also be reported.

The detailed list of all hardware and software for the priced configuration is listed in the pricing sheets as part of the executive summary. Third Party Pricing Information is provided in Appendix - D:

7.2. Three Year Cost of System Configuration

The total 3-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.

The pricing details for this disclosure is contained in the executive summary pages. All 3rd party quotations are included at the end of this report in Appendix - D:. All prices are based on IBM US list prices.

A 51.68% discount was based on the overall value of the specific components from IBM in the quotation provided in Appendix - D:. Discounts for similarly sized configurations with similar quantities and configurations will be similar to those quoted here.

7.3. Availability Dates

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 date for the priced system must be the date at which all components are committed to be available.

All components of the SUT will be available on or before: October 13, 2010

7.4. Statement of tpmC and Price/Performance

A statement of the measured tpmC, as well as the respective calculations for 3-year pricing, price/performance (price/tpmC), and the availability date must be disclosed.

.System	tpmC	3-year System Cost	\$/tpmC	Availability Date
IBM Power 780 Model 9179-MHB	10,366,254	\$14,276,808 USD	\$1.38 USD/tpmC	October 13, 2010

Please refer to the price list on the Executive Summary page for details.

7.5. 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

This system is being priced for the United States of America. All prices are based on IBM US list prices.

7.6. Orderability Date

For each of the components that are not orderable on the report date of the FDR, the following information must be included in the FDR:

- *Name and part number of the item that is not orderable*
- *The date when the component can be ordered (on or before the Availability Date)*

- *The method to be used to order the component (at or below the quoted price) when that date arrives*
- *The method for verifying the price*

- 0/128GB(4X32GB) SDRAM DDR3 DIMMS, 1066MHZ , part number 5602, availability date October 13, 2010. This item can be ordered through IBM see Appendix D.
- 3.5TB SSD Package, part number FC4367, availability date October 13, 2010. This item can be ordered through IBM see Appendix D.
- PCEe RAID & SSD SAS adapter FC 2055, availability date October 13, 2010. This item can be ordered through IBM see Appendix D.
- 177GB SSD module with eMLC FC 1995, availability date October 13, 2010. This item can be ordered through IBM see Appendix D.
- DB2 InfoSphere Warehouse Ent. Base Ed. 9.7 availability date September 30, 2010. This item can be ordered through IBM see Appendix D.
- AIX 6100-06 Technology Level availability date September 10, 2010. This item can be ordered through IBM see Appendix D.

Prices for all items used in this benchmark can be verified through the contact information provided in the pricing quote for the appropriate vendor. Price quotes are included in Appendix - D:

8 Clause 9: Audit Related Items

If the benchmark has been independently audited, then the auditor's name, address, phone number, and a brief audit summary report indicating compliance must be included in the Full Disclosure Report. A statement should be included, specifying when the complete audit report will become available and who to contact in order to obtain a copy.

The auditor's attestation letter is included in this section of this report:



William Bostic
IBM Power System Performance
11501 Burnet Road
Austin, TX 78758

Berni Schiefer
IBM Information Management Performance
8200 Warden Avenue
Markham, Ontario L6G1C7

August 16, 2010

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

Platform: IBM Power 780 Model 9179-MHB 3-node Cluster
Operating system: AIX V6.1
Database Manager: DB2 9.7
Transaction Manager: Microsoft COM+

The results were:

CPU's Speed	Memory	Disks	New Order 90% Response Time	tpmC
3 Server Nodes: IBM Power 780 Model 9179-MHB (each with)				
8 x POWER7 8-core processors (3.86GHz)	2 TB (64 x 4MB L3)	1 x 146GB 15Krpm SAS (int.) 64 x 300GB 10Krpm SSF SAS 4 x 2TB 7.2Krpm SATA 224 x 177GB SSD Module	2.1 Seconds	10,366,254.33
96 Clients: IBM System x3550 M2 (each with)				
1 x Intel Xeon Quad-core (2.4 GHz)	3 GB (8 MB L3)	1 x 146GB 15Krpm SAS	n/a	n/a

In my opinion, these performance results were produced in compliance with the TPC requirements for the benchmark.

The following verification items were given special attention:

- The transactions were correctly implemented
- The database records were the proper size
- The database was properly scaled and populated
- The ACID properties were met
- 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.
- At least 90% of all delivery transactions met the 80 second completion time limit
- All 90% response times were under the specified maximums
- The measurement interval was representative of steady state conditions
- The reported measurement interval was 120 minutes
- Write-ahead-logging was active during the measurement interval
- The 60 day storage requirement was correctly computed
- The system pricing was verified for major components and maintenance

Additional Audit Notes:

None.

Respectfully Yours,

A handwritten signature in black ink, appearing to read 'François Raab', written in a cursive style.

François Raab, President

Appendix - A: Client Server Code

A.1 Client/Terminal Handler Code

Makefile.config

```
#####
#####
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## License Agreement for Non-Warranted Sample Code.
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## 2010
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## disclosure restricted by GSA ADP Schedule Contract with IBM
## Corp.
#####
#####
#
# Makefile.config - NT/Win2000 Makefile Configuration
#
#
# Make Configuration (MSVC)
MAKE=nmake.exe
#
# Compiler Configuration (MSVC).
# CFLAGS_DEBUG may be set to "-zi -Od", "-DDEBUGIT" "-zi -Od -
DDEBUGIT" or left blank
CC=cl.exe
CFLAGS_OS=-DSQLWINT -MT -DWIN32 -J -Zp8 -DREG_KIT_METHOD -
DSWAP_ENDIAN
CFLAGS_OUT=/Fo
CFLAGS_DEBUG=
#
# Linker Configuration (MSVC)
LD_EXEC=link.exe
LD_STORP=link.exe
LD_FLAGS_EXEC=
LD_FLAGS_SHLIB=DLL
LD_FLAGS_STORP=$(LD_FLAGS_SHLIB) /DEF:rpctpc.def
LD_FLAGS_LIB=/LIBPATH:$(TPCC_SQLLIB)\lib /LIBPATH:"C:\Program
Files\Microsoft Visual Studio\VC98\lib" db2api.lib winmm.lib
LD_FLAGS_OUT=/OUT:
#
# Library Configuration
AR=lib.exe
ARFLAGS=
ARFLAGS_LIB=
ARFLAGS_OUT=/OUT:
#
# OS Commands
ERASE=del /F
ERASEDIR=rmdir /S
MOVE=MOVE
COPY=COPY
#
# OS File Extensions & Path Separator
OBJEXT=.obj
LIBEXT=.lib
SHLIBEXT=.dll
BINEXT=.exe
SLASH=\
CMDSEP=&
```

Src.Cli/Makefile

```
#####
#####
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## 2010
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## disclosure restricted by GSA ADP Schedule Contract with IBM
## Corp.
#####
#####
#
# Makefile - Makefile for Src.Cli (RTE/Driver Interface)
#
!include $(TPCC_ROOT)/Makefile.config
#
#####
#####
#
# Preprocessor, Compiler and Linker Flags
#
#####
#####
PRP_OPTS = PACKAGE \
          ISOLATION RR \
          QUERYOPT 7 \
          EXPLAIN ALL \
          MESSAGES $*.prep.msg \
          LEVEL $(TPCC_VERSION) \
          NOLINEMACRO
INCLUDES = -I$(TPCC_SQLLIB)/include -I$(TPCC_ROOT)/include
CFLAGS = $(CFLAGS_OS) $(INCLUDES) $(CFLAGS_DEBUG) \
         $(UOPTS) -D$(DB2EDITION) -
D$(TPCC_SPTYPE)
OBJS = $(TPCC_ROOT)/Src.Common/tpccdbg$(OBJEXT) \
       $(TPCC_ROOT)/Src.Common/tpccctx$(OBJEXT) \
       tpcccli$(OBJEXT)
LIBS = tpcccli$(LIBEXT)
#
#####
#####
# User Targets
#
#####
#####
all: connect $(OBJS) $(LIBS) disconnect
      $(AR) $(ARFLAGS) $(ARFLAGS_OUT)tpcccli$(LIBEXT)
      $(OBJS) $(ARFLAGS_LIB)
      @echo "-----"
      @echo "Please copy lval.h, db2tpcc.h, and
tpcccli$(LIBEXT) to"
      @echo "a place where they can be #included and
linked with the"
```

```
@echo "RTE/driver code."
@echo "-----"
clean:
- $(ERASE) *.msg *.bnd *$(OBJEXT) *$(LIBEXT)
tpcccli.c
#
#####
#####
# Helper Targets
#
#####
#####
connect:
- db2 connect to $(TPCC_DBNAME)
disconnect:
- db2 connect reset
- db2 terminate
#
#####
#####
# Build Rules
#
#####
#####
.SUFFIXES:
.SUFFIXES: $(OBJEXT) .c .sqc
tpcccli.c:
@echo "Prepping $*.sqc"
db2 prep $*.sqc $(PRP_OPTS)
db2 grant execute on package TPCCCLI to public
#
#####
#####
# Dependencies
#
#####
#####
# Client Library:
tpcccli$(LIBEXT): $(OBJS)
# Source
tpcccli$(OBJEXT): tpcccli.c
# Headers
tpcccli.c: $(TPCC_ROOT)/include/db2tpcc.h
$(TPCC_ROOT)/include/lval.h
```

Src.Cli/tpcccli.sqc

```
/*
*****
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2010
```

```

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** US Government Users Restricted Rights - Use, duplication or
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** Corp.
*****
*****/

/*
 * tpcccli.sqc - Client/Server code for TPCC
 */

#include <stdlib.h>
#include <errno.h>
#include "db2tpcc.h"
#include "tpccapp.h"
#include "tpccdbg.h"

#include "sqlca.h"
#include "sql.h"

// -----
// New Order CLIENT
// -----

static int itemComparison ( const void * a , const void * b )
{
    struct in_items_struct * one = (struct in_items_struct *) a ;
    struct in_items_struct * two = (struct in_items_struct *) b ;

    // Primary comparison key:  I_ID
    // Secondary comparison key: W_ID

    if ( one->s_OL_I_ID != two->s_OL_I_ID )
    {
        return ( one->s_OL_I_ID - two->s_OL_I_ID ) ;
    }
    else
    {
        return ( one->s_OL_SUPPLY_W_ID - two->s_OL_SUPPLY_W_ID ) ;
    }
}

int neword_sql (  struct in_neword_struct * in_neword
                , struct out_neword_struct * neword )
{
    struct sqlca sqlca ;

    EXEC SQL BEGIN DECLARE SECTION;

        struct vc_new_in
        {
            short len;
            char data[ 262 ] ;
        } * pHostvarInput ;

        struct vc_new_out
        {
            short len;
            char data[ 682 ] ;
        } * pHostvarOutput ;

    EXEC SQL END DECLARE SECTION;

    int clientRc = TRAN_OK ;

    int itemIndex = 0 ;

    // Determine if order is "all-local" or not
    // NOTE: This loop will exit on the iteration *after* finding
    the last

```

```

// item; this effectively takes care of the 0-based/1-based
conversion
// and we don't have to add one when assigning to s_O_OL_CNT
below.
in_neword->s_all_local = 1 ;
for ( itemIndex = 0 ;
      itemIndex < 15 && in_neword->in_item[ itemIndex
].s_OL_I_ID != UNUSED_ITEM_ID ;
      itemIndex++
    )
    {
        if ( in_neword->in_item[ itemIndex ].s_OL_SUPPLY_W_ID !=
in_neword->s_W_ID )
        {
            in_neword->s_all_local = 0 ;
        }
    }

    in_neword->s_O_OL_CNT = itemIndex ;

    // Sort the item list.  Since invalid item IDs = 100001, we
will remain
    // compliant with the spec (Section 2.4.2.3 Comment 1.

    qsort( in_neword->in_item, in_neword->s_O_OL_CNT
          , sizeof ( in_neword->in_item[ 0 ] )
          , itemComparison
          ) ;

    pHostvarInput      = (struct vc_new_in *) in_neword ;
    pHostvarInput->len = sizeof(struct in_neword_struct) -
SPGENERAL_ADJUST ;

    pHostvarOutput     = (struct vc_new_out *) neword;
    pHostvarOutput->len = sizeof(struct out_neword_struct) -
SPGENERAL_ADJUST ;

#ifdef DEBUGIT
    new_debug(neword, in_neword, "Client before SP call");
#endif /* DEBUGIT */

#ifdef SWAP_ENDIAN
    for (itemIndex=0; itemIndex<in_neword->s_O_OL_CNT;
itemIndex++)
    {
        SWAP_BYTE(in_neword->in_item[ itemIndex ].s_OL_I_ID);
        SWAP_BYTE(in_neword->in_item[ itemIndex
].s_OL_SUPPLY_W_ID);
        SWAP_BYTE(in_neword->in_item[ itemIndex ].s_OL_QUANTITY);
    }
    SWAP_BYTE(in_neword->s_C_ID);
    SWAP_BYTE(in_neword->s_W_ID);
    SWAP_BYTE(in_neword->s_D_ID);
    SWAP_BYTE(in_neword->s_O_OL_CNT);
    SWAP_BYTE(in_neword->s_all_local);
    SWAP_BYTE(in_neword->duplicate_items);
#endif //SWAP_ENDIAN

    EXEC SQL CALL news ( :pHostvarInput, :pHostvarOutput );

#ifdef SWAP_ENDIAN
    SWAP_BYTE(in_neword->s_C_ID);
    SWAP_BYTE(in_neword->s_W_ID);
    SWAP_BYTE(in_neword->s_D_ID);
    SWAP_BYTE(in_neword->s_O_OL_CNT);
    SWAP_BYTE(in_neword->s_all_local);
    SWAP_BYTE(in_neword->duplicate_items);
    for (itemIndex=0; itemIndex<in_neword->s_O_OL_CNT;
itemIndex++)
    {
        SWAP_BYTE(in_neword->in_item[ itemIndex ].s_OL_I_ID);
        SWAP_BYTE(in_neword->in_item[ itemIndex
].s_OL_SUPPLY_W_ID);
        SWAP_BYTE(in_neword->in_item[ itemIndex ].s_OL_QUANTITY);
    }

```

```

}

    SWAP_BYTE(neword->s_W_TAX);
    SWAP_BYTE(neword->s_D_TAX);
    SWAP_BYTE(neword->s_C_DISCOUNT);
    SWAP_BYTE(neword->s_total_amount);
    SWAP_BYTE(neword->s_O_ID);
    SWAP_BYTE(neword->s_O_OL_CNT);
    SWAP_BYTE(neword->s_transtatus);
    SWAP_BYTE(neword->deadlocks);
    for (itemIndex=0; itemIndex<in_neword->s_O_OL_CNT;
itemIndex++)
    {
        SWAP_BYTE(neword->item[ itemIndex ].s_I_PRICE);
        SWAP_BYTE(neword->item[ itemIndex ].s_OL_AMOUNT);
        SWAP_BYTE(neword->item[ itemIndex ].s_S_QUANTITY);
    }
#endif //SWAP_ENDIAN

    if ( sqlca.sqlcode == 0 )
    {
        float wtax = neword->s_W_TAX ;
        float dtax = neword->s_D_TAX ;
        float cdisc = neword->s_C_DISCOUNT ;
        float factor = (1.0 - cdisc) * (1.0 + wtax + dtax) ;

        // Compute order total

        neword->s_total_amount = 0 ;

        for ( itemIndex = 0 ;
              itemIndex < in_neword->s_O_OL_CNT ; // from input ,
              not output
              itemIndex++
            )
            {
                if ( neword->item[ itemIndex ].s_I_PRICE > 0 ) // A
zero price signifies a bad item
                {
                    neword->item[ itemIndex ].s_OL_AMOUNT = neword-
>item[ itemIndex ].s_I_PRICE *
                                                                in_neword-
>in_item[ itemIndex ].s_OL_QUANTITY ; // reference input value

                    neword->s_total_amount += neword->item[ itemIndex
].s_OL_AMOUNT ;
                }
            }

        neword->s_total_amount *= factor;
    }
    else
    {
        sqlerror( NEWORD_SQL, "NEW", __FILE__, __LINE__, &sqlca) ;
        neword->s_transtatus = FATAL_SQLERROR ;
        clientRc = FATAL_SQLERROR ;
    }

#ifdef DEBUGIT
    new_debug(neword, in_neword, "Client after SP call");
#endif /* DEBUGIT */

    if (neword->s_transtatus <= FATAL_SQLERROR)
    {
        new_debug(neword, in_neword, "NEW failed");
        clientRc = FATAL_SQLERROR ;
    }

    if (neword->s_transtatus == INVALID_ITEM)
    {
        clientRc = INVALID_ITEM ;
    }
}

```

```

return ( clientRc );
}
// -----
// Payment CLIENT
// -----
int payment_sql ( struct in_payment_struct * in_payment
, struct out_payment_struct * payment )
{
struct sqlca sqlca ;
int clientRc = TRAN_OK ;

EXEC SQL BEGIN DECLARE SECTION;

// Inputs
float h_amount ;
sqlint32 in_c_id ;

struct s_data_type { short len ; char data[ 16 ] ; }
c_last_input ;

sqlint32 w_id ;
sqlint32 c_w_id ;
short d_id ;
short c_d_id ;

// Outputs
sqlint32 c_id ;

double c_credit_lim ;
float c_discount ;
double c_balance ;

char w_street_1 [ 20 ] , w_street_2 [ 20 ] ;
char w_city [ 20 ] , w_state [ 2 ] , w_zip [ 9
] ;

char d_street_1 [ 20 ] , d_street_2 [ 20 ] , d_city [
20 ] ;
char d_state [ 2 ] , d_zip [ 9 ] , c_first [
16 ] ;

char c_last [ 16 ] ;

char c_middle [ 2 ] , c_street_1 [ 20 ] ;
char c_street_2 [ 20 ] , c_city [ 20 ] , c_state [
2 ] ;
char c_zip [ 9 ] , c_phone [ 16 ] ;

char c_credit [ 2 ] ;
char c_since [27];

char c_data [ 200 ] ;
short c_data_indicator = 0 ;

char h_date [27];

struct c_data_prefix_c_last_type { short len ; char data[
28 ] ; } c_data_prefix_c_last ;
struct c_data_prefix_c_id_type { short len ; char data[
34 ] ; } c_data_prefix_c_id ;

EXEC SQL END DECLARE SECTION;

// Input redirects

```

```

#define h_amount in_payment->s_H_AMOUNT
#define in_c_id in_payment->s_C_ID

#define w_id in_payment->s_W_ID
#define d_id in_payment->s_D_ID

#define c_d_id in_payment->s_C_D_ID
#define c_w_id in_payment->s_C_W_ID

// Output redirects

#define c_credit_lim payment->s_C_CREDIT_LIM
#define c_discount payment->s_C_DISCOUNT
#define c_balance payment->s_C_BALANCE

#define c_id payment->s_C_ID
#define c_last payment->s_C_LAST

#define c_first payment->s_C_FIRST
#define c_middle payment->s_C_MIDDLE
#define c_street_1 payment->s_C_STREET_1
#define c_street_2 payment->s_C_STREET_2
#define c_city payment->s_C_CITY
#define c_state payment->s_C_STATE
#define c_zip payment->s_C_ZIP
#define c_phone payment->s_C_PHONE
#define c_credit payment->s_C_CREDIT
#define c_since payment->s_C_SINCE_time
#define c_data payment->s_C_DATA

#define w_street_1 payment->s_W_STREET_1
#define w_street_2 payment->s_W_STREET_2
#define w_city payment->s_W_CITY
#define w_state payment->s_W_STATE
#define w_zip payment->s_W_ZIP

#define d_street_1 payment->s_D_STREET_1
#define d_street_2 payment->s_D_STREET_2
#define d_city payment->s_D_CITY
#define d_state payment->s_D_STATE
#define d_zip payment->s_D_ZIP

#define h_date payment->s_H_DATE_time

payment->deadlocks = -1 ;
payment->s_transtatus = TRAN_OK ;

// Austin RTE Integration Fix
// Austin's Screen application doesn't fill in C_W_ID and
C_D_ID unless
// it's a remote payment transaction. Since we expect these
to be filled
// in for all cases, we need to fill them in if they are not
already.
if (c_w_id == 0) { c_w_id = w_id; }
if (c_d_id == 0) { c_d_id = d_id; }

#ifdef DEBUGIT
pay_debug(payment, in_payment, "Client before SQL call");
#endif /* DEBUGIT */

// Create c_data_prefix strings and copy some elements from
// in -> out struct outside of retry_tran loop

if ( in_c_id == 0 )
{
c_data_prefix_c_last.len = sprintf(
c_data_prefix_c_last.data, "%2.2d %6.6d %2.2d %6.6d %06.2f",
c_d_id , c_w_id , d_id , w_id , h_amount ) ;

// Setup the input c_last varchar
c_last_input.len = strlen( in_payment->s_C_LAST ) ;

```

```

memcpy( c_last_input.data , in_payment->s_C_LAST ,
c_last_input.len ) ;

// Copy to the output structure
memcpy( payment->s_C_LAST , in_payment->s_C_LAST, sizeof(
payment->s_C_LAST ) ) ;
}
else
{
// Copy c_id to the output structure
c_id = in_c_id ;

c_data_prefix_c_id.len = sprintf( c_data_prefix_c_id.data,
"%5.5d %2.2d %6.6d %2.2d %6.6d %06.2f", c_id , c_d_id , c_w_id
, d_id , w_id , h_amount) ;
}

retry_tran:

payment->deadlocks ++ ;

if ( in_c_id == 0 )
{
if ( w_id == c_w_id )
{
EXEC SQL BEGIN COMPOUND NOT ATOMIC STATIC

W_ZIP SELECT W_STREET_1, W_STREET_2, W_CITY, W_STATE,
, D_STREET_1, D_STREET_2, D_CITY, D_STATE,
C_ID, 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, C_DATA, H_DATE

INTO :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_id , :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 , :c_data
:c_data_indicator, :h_date
FROM TABLE ( PAY_C_LAST_LOCAL( :w_id
, :d_id
, :c_last_input
, CAST(:h_amount AS
DECIMAL(6,2))
, :c_data_prefix_c_last
)
) AS T ( W_STREET_1, W_STREET_2,
, D_STREET_1, D_STREET_2,
D_CITY, D_STATE, D_ZIP
, C_ID, 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,
C_DATA, H_DATE
;

COMMIT ;

END COMPOUND ;
}
else

```

```

{
EXEC SQL BEGIN COMPOUND NOT ATOMIC STATIC
SELECT  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_ID, 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, C_DATA, H_DATE
        INTO :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_id , :c_first , :c_middle ,
:c_street_1 , :c_street_2 , :c_city , :c_state ,
:c_credit_lim
        , :c_discount , :c_balance, :c_data
:c_data_indicator, :h_date
FROM TABLE ( PAY_C_LAST_REMOTE( :w_id
                                , :d_id
                                , :c_w_id
                                , :c_d_id
                                , :c_last_input
                                , CAST(:h_amount
AS DECIMAL(6,2))
                                ,
:c_data_prefix_c_last
                                )
        ) AS T( 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_ID, 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,
C_DATA, H_DATE
        )
;
COMMIT ;
}
END COMPOUND ;
}
else
{
if ( w_id == c_w_id )
{
EXEC SQL BEGIN COMPOUND NOT ATOMIC STATIC
SELECT  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_LAST, 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, C_DATA, H_DATE
        INTO :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_last, :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, :c_data
:c_data_indicator, :h_date
FROM TABLE ( PAY_C_ID_REMOTE( :w_id
                                , :d_id
                                , :c_w_id
                                , :c_d_id
                                , :in_c_id
                                , CAST(:h_amount AS
DECIMAL(6,2))
                                ,
:c_data_prefix_c_id
                                )
        ) AS T( 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_LAST, 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,
C_DATA, H_DATE

```

```

, :c_zip , :c_phone , :c_since , :c_credit ,
:c_credit_lim
        , :c_discount , :c_balance, :c_data
:c_data_indicator, :h_date
FROM TABLE ( PAY_C_ID_LOCAL( :w_id
                                , :d_id
                                , :in_c_id
                                , CAST(:h_amount AS
DECIMAL(6,2))
                                ,
:c_data_prefix_c_id
                                )
        ) AS T( 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_LAST, 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,
C_DATA, H_DATE
        )
;
COMMIT ;
}
END COMPOUND ;
}
else
{
EXEC SQL BEGIN COMPOUND NOT ATOMIC STATIC
SELECT  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_LAST, 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, C_DATA, H_DATE
        INTO :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_last, :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, :c_data
:c_data_indicator, :h_date
FROM TABLE ( PAY_C_ID_REMOTE( :w_id
                                , :d_id
                                , :c_w_id
                                , :c_d_id
                                , :in_c_id
                                , CAST(:h_amount AS
DECIMAL(6,2))
                                ,
:c_data_prefix_c_id
                                )
        ) AS T( 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_LAST, 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,
C_DATA, H_DATE

```

```

        )
;
COMMIT ;
}
END COMPOUND ;
}
}
#endif
pay_debug(payment, in_payment, "Client after SQL call");
#endif /* DEBUGIT */
if ( sqlca.sqlcode != 0 )
{
DLCHK( retry_tran );
sqlerror( PAYMENT_SQL , "PAY" , __FILE__ , __LINE__ ,
&sqlca );
payment->s_transtatus = FATAL_SQLERROR ;
clientRc = FATAL_SQLERROR ;
pay_debug( payment, in_payment, "PAY failed" ) ;
EXEC SQL ROLLBACK WORK ;
if ( sqlca.sqlcode != 0 )
{
sqlerror( PAYMENT_SQL , "ROLLBACK FAILED", __FILE__ ,
__LINE__ , &sqlca ) ;
}
}
return ( clientRc ) ;
}
// -----
// Order Status CLIENT
// -----
int ordstat_sql ( struct in_ordstat_struct * in_ordstat
                , struct out_ordstat_struct * ordstat)
{
struct sqlca sqlca ;
EXEC SQL BEGIN DECLARE SECTION;
struct vc_ord_in
{
short len ;
char data[ 42 ] ;
} * in_ord ;
struct vc_ord_out
{
short len ;
char data[ 822 ] ;
} * out_ord ;
EXEC SQL END DECLARE SECTION;
int clientRc = TRAN_OK ;
int itemIndex = 0 ;
in_ord      = (struct vc_ord_in *) in_ordstat ;
in_ord->len = sizeof(struct in_ordstat_struct) -
SPGENERAL_ADJUST ;
out_ord     = (struct vc_ord_out *) ordstat ;
out_ord->len = sizeof(struct out_ordstat_struct) -
SPGENERAL_ADJUST ;

```

```

#ifdef DEBUGIT
    ord_debug(ordstat, in_ordstat, "Client before SP call");
#endif /* DEBUGIT */

#ifdef SWAP_ENDIAN
    SWAP_BYTE(in_ordstat->s_C_ID);
    SWAP_BYTE(in_ordstat->s_W_ID);
    SWAP_BYTE(in_ordstat->s_D_ID);
#endif //SWAP_ENDIAN

    EXEC SQL CALL ords ( :*in_ord, :*out_ord );

#ifdef SWAP_ENDIAN
    SWAP_BYTE(in_ordstat->s_C_ID);
    SWAP_BYTE(in_ordstat->s_W_ID);
    SWAP_BYTE(in_ordstat->s_D_ID);

    SWAP_BYTE(ordstat->s_C_BALANCE);
    SWAP_BYTE(ordstat->s_C_ID);
    SWAP_BYTE(ordstat->s_O_ID);
    SWAP_BYTE(ordstat->s_O_CARRIER_ID);
    SWAP_BYTE(ordstat->s_ol_cnt);
    SWAP_BYTE(ordstat->s_transtatus);
    SWAP_BYTE(ordstat->deadlocks);
    for (itemIndex=0; itemIndex<ordstat->s_ol_cnt; itemIndex++)
    {
        SWAP_BYTE(ordstat->item[ itemIndex ].s_OL_AMOUNT);
        SWAP_BYTE(ordstat->item[ itemIndex ].s_OL_T_ID);
        SWAP_BYTE(ordstat->item[ itemIndex ].s_OL_SUPPLY_W_ID);
        SWAP_BYTE(ordstat->item[ itemIndex ].s_OL_QUANTITY);
    }
#endif //SWAP_ENDIAN

    if ( sqlca.sqlcode == 0 )
    {
        // Propagate the field we already knew into the output
        structure
        // 60% of the time, we already knew c_last (input c_id is
        0)

        if ( in_ordstat->s_C_ID == 0 )
        {
            memcpy( ordstat->s_C_LAST , in_ordstat->s_C_LAST,
            sizeof( ordstat->s_C_LAST ) );
        }
        else
        {
            ordstat->s_C_ID = in_ordstat->s_C_ID ;
        }
    }
    else
    {
        sqlerror( ORDSTAT_SQL, "ORD", __FILE__, __LINE__, &sqlca)
    ;
        ordstat->s_transtatus = FATAL_SQLERROR ;
        clientRc = FATAL_SQLERROR ;
    }

#ifdef DEBUGIT
    ord_debug(ordstat, in_ordstat, "Client after SP call");
#endif /* DEBUGIT */

    if ( ordstat->s_transtatus <= FATAL_SQLERROR )
    {
        ord_debug(ordstat, in_ordstat, "ORD failed");
        clientRc = FATAL_SQLERROR ;
    }

    return ( clientRc );

// -----
// Delivery CLIENT

```

```

// -----
// Delivery CLIENT
int delivery_sql ( struct in_delivery_struct * in_delivery
, struct out_delivery_struct * delivery )
{
    struct sqlca sqlca ;

    EXEC SQL BEGIN DECLARE SECTION;

    struct vc_del_in
    {
        short len ;
        char data[ 14 ] ;
    } * in_del ;

    struct vc_del_out
    {
        short len;
        char data[ 50 ] ;
    } * out_del ;

    EXEC SQL END DECLARE SECTION;

    int clientRc = TRAN_OK ;
    int orderIndex = 0 ;

    in_del = (struct vc_del_in *) in_delivery ;
    in_del->len = sizeof(struct in_delivery_struct) -
    SPGENERAL_ADJUST;

    out_del = (struct vc_del_out *) delivery ;
    out_del->len = sizeof(struct out_delivery_struct) -
    SPGENERAL_ADJUST;

#ifdef DEBUGIT
    del_debug(delivery, in_delivery, "Client before SP call");
#endif /* DEBUGIT */

#ifdef SWAP_ENDIAN
    SWAP_BYTE(in_delivery->s_W_ID);
    SWAP_BYTE(in_delivery->s_O_CARRIER_ID);
#endif //SWAP_ENDIAN

    EXEC SQL CALL dels ( :*in_del, :*out_del );

#ifdef SWAP_ENDIAN
    SWAP_BYTE(in_delivery->s_W_ID);
    SWAP_BYTE(in_delivery->s_O_CARRIER_ID);
#endif //SWAP_ENDIAN

    for (orderIndex=0; orderIndex<10; orderIndex++) {
        SWAP_BYTE(delivery->s_O_ID[ orderIndex ]);
    }
    SWAP_BYTE(delivery->s_transtatus);
    SWAP_BYTE(delivery->deadlocks);
#endif //SWAP_ENDIAN

#ifdef DEBUGIT
    del_debug(delivery, in_delivery, "Client after SP call");
#endif /* DEBUGIT */

    if ( sqlca.sqlcode != 0 )
    {
        sqlerror( DELIVERY_SQL, "DEL", __FILE__, __LINE__, &sqlca)
    ;
        delivery->s_transtatus = FATAL_SQLERROR ;
        clientRc = FATAL_SQLERROR ;
    }

    if ( delivery->s_transtatus <= FATAL_SQLERROR )
    {
        del_debug(delivery, in_delivery, "DEL failed");
        clientRc = FATAL_SQLERROR ;
    }
}

```

```

    return ( clientRc );
}

// -----
// Stock CLIENT
// -----

#ifdef w_id
#ifdef d_id

int stocklev_sql ( struct in_stocklev_struct * in_stocklev
, struct out_stocklev_struct * stocklev )
{
    struct sqlca sqlca ;

    int clientRc = TRAN_OK ;

    EXEC SQL BEGIN DECLARE SECTION;

    // input
    sqlint32 threshold ;

    // output
    sqlint32 low_stock ;

    EXEC SQL END DECLARE SECTION;

#define w_id in_stocklev->s_W_ID
#define d_id in_stocklev->s_D_ID
#define threshold in_stocklev->s_threshold
#define low_stock stocklev->s_low_stock

    stocklev->deadlocks = -1 ;
    stocklev->s_transtatus = TRAN_OK ;

#ifdef DEBUGIT
    stk_debug(stocklev, in_stocklev, "Client before SQL call");
#endif /* DEBUGIT */

    retry_tran:

    stocklev->deadlocks ++ ;

    EXEC SQL BEGIN COMPOUND NOT ATOMIC STATIC

        SELECT COUNT( S_I_ID ) INTO :low_stock

        FROM ( SELECT DISTINCT S_I_ID

            WHERE D_W_ID = :w_id
            AND D_ID = :d_id
            AND OL_O_ID < d_next_o_id
            AND OL_O_ID >= ( d_next_o_id - 20 )
            AND OL_W_ID = D_W_ID
            AND OL_D_ID = D_ID
            AND S_I_ID = OL_I_ID
            AND S_W_ID = OL_W_ID
            AND S_QUANTITY < :threshold

        ) OLS

        WITH CS
    ;

    COMMIT ;

    END COMPOUND ;
}

```

```

#ifdef DEBUGIT
    stk_debug(stocklev, in_stocklev, "Client after SQL call");
#endif /* DEBUGIT */

    if ( sqlca.sqlcode != 0 )
    {
        DLCHK( retry_tran );

        sqlerror( STOCKLEV_SQL , "STK" , __FILE__ , __LINE__ ,
        &sqlca);
        stocklev->s_transtatus = FATAL_SQLERROR ;
        clientRc = FATAL_SQLERROR ;

        stk_debug( stocklev, in_stocklev, "STK failed" ) ;

        EXEC SQL ROLLBACK WORK ;

        if ( sqlca.sqlcode != 0 )
        {
            sqlerror( STOCKLEV_SQL, "ROLLBACK FAILED", __FILE__,
            __LINE__, &sqlca ) ;
        }
    }

    return ( clientRc ) ;
}

```

Src.Common/Makefile

```

#####
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#####
#####
#
# Makefile - Makefile for Src.Common
#
!include $(TPCC_ROOT)/Makefile.config

```

```

#
#####
#####
# Preprocessor, Compiler and Linker Flags
#
#####
PRP_OPTS = PACKAGE \
          OPTLEVEL 1 \
          ISOLATION RR \
          MESSAGES $*.prep.msg \
          LEVEL $(TPCC_VERSION) \
          NOLINEMACRO
INCLUDES = -I$(TPCC_SQLLIB)/include -I$(TPCC_ROOT)/include
CFLAGS = $(CFLAGS_OS) $(CFLAGS_DEBUG) $(INCLUDES) \
          -DSQLA_NOLINES -D$(DB2EDITION) -
D$(TPCC_SPTYPE)
UTIL_OBJ_DBG = tpccdbg$(OBJEXT)
UTIL_OBJ_GEN = tpccmisc$(OBJEXT)
UTIL_OBJ_DB2 = tpccctx$(OBJEXT)
#UTIL_OBJ_DPF = tpcc1wh$(OBJEXT)
#
#####
#####
# User Targets
#
#####
all: $(UTIL_OBJ_DBG) $(UTIL_OBJ_GEN) $(UTIL_OBJ_DPF)
connect $(UTIL_OBJ_DB2) disconnect
dbgen: $(UTIL_OBJ_DBG) $(UTIL_OBJ_GEN) $(UTIL_OBJ_DPF) connect
$(UTIL_OBJ_DB2) disconnect
clean:
- $(ERASE) *$(OBJEXT) *.bnd *.msg tpccctx.c

```

```

#
#####
#####
# Helper Targets
#
#####
connect:
- db2 connect to $(TPCC_DBNAME)
disconnect:
- db2 connect reset
- db2 terminate
#
#####
#####
# Build Rules
#
#####
.SUFFIXES:
.SUFFIXES: $(OBJEXT) .c .sqc
.sqc.c:
@echo "Prepping $*.sqc"
db2 prep $*.sqc $(PRP_OPTS) bindfile
db2 grant execute on package TPCCCTX to public
#
#####
#####
# Dependencies
#
#####
# Source
tpccdbg$(OBJEXT): tpccdbg.c
tpccctx$(OBJEXT): tpccctx.c

```

```

tpccmisc$(OBJEXT):      tpccmisc.c

# Headers

tpccdbg.c:  $(TPCC_ROOT)/include/db2tpcc.h

Src.Common/tpccctx.sqc

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*****/

/*
 * tpccctx.sqc - TPCC context code
 */

#include <string.h>
#include <sqlutil.h>
#include "db2tpcc.h"
#include "tpccdbg.h"

int connect_to_TM(char *in_dbname);

int connect_to_TM_auth(char *in_dbname, char *in_username, char
*in_password);

int disconnect_from_TM(void);

int create_context();

int destroy_context();

int attach_context(void*);

```

```

int detach_context(void*);

int get_context(void**);

int connect_to_TM(char *in_dbname)
{
    return connect_to_TM_auth(in_dbname, "", "");
}

int connect_to_TM_auth(char *in_dbname, char *in_username, char
*in_password)
{
    SQL_STRUCTURE sqlca  sqlca;

    int ConnectSQLCODE = 0;

    EXEC SQL BEGIN DECLARE SECTION;
    char dbname[9];
    char username[129];
    char password[15];
    EXEC SQL END DECLARE SECTION;

    SQLCODE = create_context();
    if (SQLCODE != 0) { return SQLCODE; }

    /* Copy 9 characters - 8 for dbname, 1 for NULL */
    strncpy(dbname,in_dbname,9);
    if (strcmp(in_username,"") == 0)
    {
        EXEC SQL CONNECT TO :dbname IN SHARE MODE;
    } else {
        strncpy(username,in_username,128);
        strncpy(password,in_password,14);
        EXEC SQL CONNECT TO :dbname IN SHARE MODE USER :username
USING :password;
    }

    ConnectSQLCODE = SQLCODE;
    if (ConnectSQLCODE != 0)
    {

```

```

        sqlerror( CLIENT_SQL, "CONNECT", __FILE__, __LINE__,
&sqlca);

        SQLCODE = destroy_context();
        if (SQLCODE != 0) { return SQLCODE; }

        return ConnectSQLCODE;
    }

    return 0;
}

int disconnect_from_TM(void)
{
    SQL_STRUCTURE sqlca  sqlca;
    int DisconnectSQLCODE = 0;

    EXEC SQL CONNECT RESET;

    DisconnectSQLCODE = SQLCODE;
    if (DisconnectSQLCODE != 0) {
        sqlerror( CLIENT_SQL, "DISCONNECT", __FILE__, __LINE__,
&sqlca);
    }

    SQLCODE = destroy_context();
    if (SQLCODE != 0) { return SQLCODE; }

    if (DisconnectSQLCODE) {
        return DisconnectSQLCODE;
    }

    return 0;
}

int create_context(void)
{
    SQL_STRUCTURE sqlca sqlca;
    void *ctx;

```



```

    sqleSetTypeCtx(SQL_CTX_MULTI_MANUAL);
    sqleBeginCtx(&ctx, SQL_CTX_BEGIN_ALL, NULL, &sqlca);

    if (SQLCODE != 0) {
        sqlerror( CLIENT_SQL, "CREATE", __FILE__, __LINE__,
        &sqlca);
        return SQLCODE;
    }

    return 0;
}

int attach_context(void *ctx)
{
    SQL_STRUCTURE sqlca sqlca;

    sqleAttachToCtx(ctx, NULL, &sqlca);

    if (SQLCODE != 0) {
        sqlerror( CLIENT_SQL, "ATTACH", __FILE__, __LINE__,
        &sqlca);
        return SQLCODE;
    }

    return 0;
}

int detach_context(void *ctx)
{
    SQL_STRUCTURE sqlca sqlca;

    sqleDetachFromCtx(ctx, NULL, &sqlca);

    if (SQLCODE != 0) {
        sqlerror( CLIENT_SQL, "DETACH", __FILE__, __LINE__,
        &sqlca);
        return SQLCODE;
    }
}

```

```

    }

    return 0;
}

int destroy_context(void)
{
    SQL_STRUCTURE sqlca sqlca;
    void *ctx;

    SQLCODE = get_context(&ctx);
    if (SQLCODE) { return SQLCODE; }

    sqleEndCtx(&ctx, SQL_CTX_END_ALL, NULL, &sqlca);

    if (SQLCODE != 0) {
        sqlerror( CLIENT_SQL, "DESTROY", __FILE__, __LINE__,
        &sqlca);
        return SQLCODE;
    }

    return 0;
}

int get_context(void **ctx)
{
    SQL_STRUCTURE sqlca sqlca;

    sqleGetCurrentCtx(ctx, NULL, &sqlca);

    if (SQLCODE != 0) {
        sqlerror( CLIENT_SQL, "GETCTX", __FILE__, __LINE__,
        &sqlca);
        return SQLCODE;
    }

    return 0;
}

```

Src.Common/tpccdbg.c

```

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*****/

/*
 * tccdbg.c - Debugging Routines
 */

#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <ctype.h>
#include <time.h>

#include "sqlca.h"
#include "sql.h"
#include "db2tpcc.h"
#include "tpccdbg.h"

#define DEBUG_FILENAME_SZ 128
#define DEBUG_PATH_SIZE 128

```

```

void del_print();
void new_print();
void ord_print();
void pay_print();
void stk_print();

void current_tmstamp(char *buf);

static int debugInit = 0;
static char debugPath[DEBUG_PATH_SIZE] = "";

/*-----
*/
/* InitializeDebug
*/
/*-----
*/
void InitializeDebug(void) {
    if (debugInit == 0) {
        char *p = getenv("TPCC_DEBUGDIR");
        if (p) {
            strncpy(debugPath, p, DEBUG_PATH_SIZE);
        } else {
            strcpy(debugPath, "C:\\temp");
        }
        strcat(debugPath, "\\");
    }
    debugInit = 1;
}

/*-----
*/
/* sqlerror
*/
/*-----
*/
void sqlerror(int tranType, char *msg, char *file, int line,
SQL_STRUCTURE sqlca *psqlca)
{
    FILE *err_fn = NULL;
    char err_fn[DEBUG_PATH_SIZE + DEBUG_FILENAME_SZ];

```

```

char tranName[16];
int j,k;
char timeStamp[27];
char errStr[512] = "";

InitializeDebug();
strncpy(err_fn, debugPath, DEBUG_PATH_SIZE);
current_tmstamp(&timeStamp[0]);
timeStamp[19] = (char)NULL;

switch(tranType)
{
    case NEWORD_SQL:
        // sprintf(err_fn, "%d.err.out", getpid());
        strcat(err_fn, "new.err.out");
        strcpy(tranName, "NEW_ORDER");
        break;

    case DELIVERY_SQL:
        // sprintf(err_fn, "%d.err.out", getpid());
        strcat(err_fn, "del.err.out");
        strcpy(tranName, "DELIVERY");
        break;

    case PAYMENT_SQL:
        // sprintf(err_fn, "%d.err.out", getpid());
        strcat(err_fn, "pay.err.out");
        strcpy(tranName, "PAYMENT");
        break;

    case ORDSTAT_SQL:
        // sprintf(err_fn, "%d.err.out", getpid());
        strcat(err_fn, "ord.err.out");
        strcpy(tranName, "ORDER_STAT");
        break;

    case STOCKLEV_SQL:

```

```

//sprintf(err_fn, "%d.err.out", getpid());
strcat(err_fn, "stk.err.out");
strcpy(tranName, "STOCK_LVL");
break;

case 0:
    strcat(err_fn, "cli.err.out");
    strcpy(tranName, "CLIENT");
    break;

default:
    return;
}

/* Generate Formatted Error Message */
sqlaintp(errStr, 512, 78, psqlca);

if ((err_fn = fopen(err_fn, "a+")) == NULL)
{
    return;
}

fprintf(err_fn, "-----
\n");
fprintf(err_fn, "Transaction: %s (%s)\n", tranName, msg);
fprintf(err_fn, "FILE %s (%u)\n", file, line);
fprintf(err_fn, "SQLCODE %d ", psqlca->sqlcode);
fprintf(err_fn, "TIME %s\n", timeStamp);
fprintf(err_fn, "-----
\n");
fprintf(err_fn, "%s", errStr);
fprintf(err_fn, "-----
\n");

if (psqlca->sqlerrmc[0] != ' ' || psqlca->sqlerrmc[1] != ' ')
{
    fprintf(err_fn, "slerrmc: ");

```

```

for(j = 0; j < 5; j++)
{
    for(k = 0; k < 16; k++) {
        int pos = j * 16 + k;
        if (pos < 70) fprintf(err_fp, "%02x ", psqlda->sqlerrmc[pos]);
        else fprintf(err_fp, " ");
    }
    fprintf(err_fp, "  |");
    for(k = 0; k < 16; k++) {
        int pos = j * 16 + k;
        char c = ' ';
        if (pos < 70) {
            c = psqlda->sqlerrmc[pos];
            if (!isprint(c)) c = ' ';
        }
        fprintf(err_fp,"%c", c);
    }
    fprintf(err_fp,"|\n");
    if (j < 4) fprintf(err_fp,"      ");
}

fprintf(err_fp, "sqlerrp: ");
for(j = 0; j < 8; j++)
    fprintf(err_fp, "%c", psqlda->sqlerrp[j]);
fprintf(err_fp,"\n");

fprintf(err_fp, "sqlerrd: ");
for(j = 0; j < 6; j++)
    fprintf(err_fp, " %d", psqlda->sqlerrd[j]);
fprintf(err_fp,"\n");

if (psqlda->sqlwarn[0] != ' ')
{
    fprintf(err_fp, "sqlwarn: ");
    for(j = 0; j < 8; j++)

```

```

        fprintf(err_fp, "%c ", psqlda->sqlwarn[j]);
        fprintf(err_fp,"\n");
    }

    fprintf(err_fp, "\n");

    fclose(err_fp);
}

/*-----
*/
/* del_debug
*/
/*-----
*/
void del_debug (struct out_delivery_struct *delivery_ptr,
                struct in_delivery_struct *in_delivery,
                char *msg)
{
    char debug_fn[DEBUG_PATH_SIZE + DEBUG_FILENAME_SZ];

    InitializeDebug();
    strncpy(debug_fn, debugPath, DEBUG_PATH_SIZE);
    strcat(debug_fn, "del.debug.out");
    del_print(delivery_ptr, in_delivery, debug_fn, msg);
}

/*-----
*/
/* del_print
*/
/*-----
*/
void del_print (struct out_delivery_struct *delivery_ptr,
                struct in_delivery_struct *in_delivery,
                char *filename,
                char *msg)
{
    FILE *debug_fp;

```

```

    char timeStamp[27];
    int j;

    current_tmstamp(&timeStamp[0]);
    timeStamp[19] = (char)NULL;

    if ((debug_fp = fopen(filename, "a+") == NULL)
    {
        return;
    }

    fprintf(debug_fp,"Delivery debug information follows %s
(%s)\n", timeStamp, msg);

    fprintf(debug_fp,"
=====
=====\n");

    fprintf(debug_fp,"in_delivery_struct {
\n");
    fprintf(debug_fp,"\tts_W_ID           = %d (%X)\n",
              in_delivery->s_W_ID, in_delivery->s_W_ID);
    fprintf(debug_fp,"\tts_O_CARRIER_ID = %d (%X)\n",
              in_delivery->s_O_CARRIER_ID, in_delivery->
s_O_CARRIER_ID);
    fprintf(debug_fp,"}
\n\n");

    fprintf(debug_fp,"out_delivery_struct {
\n");
    fprintf(debug_fp,"\tts_transtatus    = %d (%X)\n",
              delivery_ptr->s_transtatus,delivery_ptr->
s_transtatus);
    fprintf(debug_fp,"\tdeadlocks       = %d (%X)\n",
              delivery_ptr->deadlocks,delivery_ptr->deadlocks);

    for (j = 0; j < 10; j++) {
        fprintf(debug_fp,"\t\tts_O_ID[%d]           = %d\n",
                j, delivery_ptr->s_O_ID[j]);
    }

    fprintf(debug_fp,"
\t}
\n\n");
    fclose(debug_fp);
}

```

```

/*-----
*/
/* new_debug
*/
/*-----
*/
void new_debug (struct out_neword_struct *neword_ptr,
                struct in_neword_struct *in_neword,
                char *msg)
{
    char debug_fn[DEBUG_PATH_SIZE + DEBUG_FILENAME_SZ];

    InitializeDebug();
    strncpy(debug_fn, debugPath, DEBUG_PATH_SIZE);
    strcat(debug_fn, "new.debug.out");
    new_print(neword_ptr, in_neword, debug_fn, msg);
}

/*-----
*/
/* new_print
*/
/*-----
*/
void new_print (struct out_neword_struct *neword_ptr,
                struct in_neword_struct *in_neword,
                char *filename,
                char *msg)
{
    FILE *debug_fp;
    char timeStamp[27];
    int j, items;

    current_tmstamp(&timeStamp[0]);
    timeStamp[19] = (char)NULL;

    if ((debug_fp = fopen(filename, "a+")) == NULL)
    {

```

```

        return;
    }

    fprintf(debug_fp, "New order debug information follows %s
(%s)\n", timeStamp, msg);

    fprintf(debug_fp, "\n=====
=====\\n");

    fprintf(debug_fp, "in_neword_struct {\\n");

    fprintf(debug_fp, "\\ts_C_ID        = %d (%X)\\n",
                in_neword->s_C_ID, in_neword->s_C_ID);
    fprintf(debug_fp, "\\ts_W_ID        = %d (%X)\\n",
                in_neword->s_W_ID, in_neword->s_W_ID);
    fprintf(debug_fp, "\\ts_D_ID        = %d (%X)\\n",
                in_neword->s_D_ID, in_neword->s_D_ID);
    fprintf(debug_fp, "\\ts_O_OL_CNT    = %d (%X)\\n",
                in_neword->s_O_OL_CNT, in_neword->s_O_OL_CNT);
    fprintf(debug_fp, "\\ts_all_local    = %d (%X)\\n",
                in_neword->s_all_local, in_neword->s_all_local);
    // fprintf(debug_fp, "\\ts_transtatus = %d (%X)\\n",
    //          in_neword->s_transtatus, in_neword->s_transtatus);
    // fprintf(debug_fp, "\\tduplicate_items= %d (%X)\\n",
    //          in_neword->duplicate_items, in_neword-
    >duplicate_items);

    fprintf(debug_fp, "\\titems {\\n");
    items = in_neword->s_O_OL_CNT;
    for (j=0; j<items; j++) {
        if (j != 0)
            fprintf(debug_fp, "\\n");
        fprintf(debug_fp, "\\t\\ts_OL_I_ID[%d]    = %d (%X)\\n",
                j, in_neword->in_item[j].s_OL_I_ID, in_neword-
                >in_item[j].s_OL_I_ID);
        fprintf(debug_fp, "\\t\\ts_OL_SUPPLY_W_ID[%d] = %d (%X)\\n",
                j, in_neword->in_item[j].s_OL_SUPPLY_W_ID,
                in_neword->in_item[j].s_OL_SUPPLY_W_ID);
        fprintf(debug_fp, "\\t\\ts_OL_QUANTITY[%d]   = %d (%X)\\n",
                j, in_neword->in_item[j].s_OL_QUANTITY, in_neword-
                >in_item[j].s_OL_QUANTITY);

```

```

    }
    fprintf(debug_fp, "\\t} \\n \\n \\n");

    fprintf(debug_fp, "out_neword_struct {\\n");
    fprintf(debug_fp, "\\ts_C_LAST      = %s\\n",
                neword_ptr->s_C_LAST);
    fprintf(debug_fp, "\\ts_C_CREDIT   = %s\\n",
                neword_ptr->s_C_CREDIT);
    fprintf(debug_fp, "\\ts_W_TAX      = %04.4f \\n",
                neword_ptr->s_W_TAX);
    fprintf(debug_fp, "\\ts_D_TAX      = %04.4f \\n",
                neword_ptr->s_D_TAX);
    fprintf(debug_fp, "\\ts_C_DISCOUNT = %04.4f \\n",
                neword_ptr->s_C_DISCOUNT);
    fprintf(debug_fp, "\\ts_O_ID        = %d (%X)\\n",
                neword_ptr->s_O_ID, neword_ptr->s_O_ID);
    fprintf(debug_fp, "\\ts_O_OL_CNT    = %d (%X)\\n",
                neword_ptr->s_O_OL_CNT, neword_ptr->s_O_OL_CNT);
    fprintf(debug_fp, "\\ts_O_ENTRY_D    = %s \\n",
                neword_ptr->s_O_ENTRY_D_time);
    fprintf(debug_fp, "\\ts_total_amount = %02.2f \\n",
                neword_ptr->s_total_amount);
    fprintf(debug_fp, "\\ts_transtatus = %d (%X)\\n",
                neword_ptr->s_transtatus, neword_ptr->s_transtatus);
    fprintf(debug_fp, "\\tdeadlocks    = %d (%X)\\n",
                neword_ptr->deadlocks, neword_ptr->deadlocks);

    // fprintf(debug_fp, "\\ts_W_ID        = %d (%X)\\n",
    //          neword_ptr->s_W_ID, neword_ptr->s_W_ID);
    // fprintf(debug_fp, "\\ts_D_ID        = %d (%X)\\n",
    //          neword_ptr->s_D_ID, neword_ptr->s_D_ID);
    // fprintf(debug_fp, "\\ts_all_local    = %d (%X)\\n",
    //          neword_ptr->s_all_local, neword_ptr->s_all_local);
    // fprintf(debug_fp, "\\tduplicate_items= %d (%X)\\n",
    //          neword_ptr->duplicate_items, neword_ptr-
    >duplicate_items);

```



```

fprintf(debug_fp, "\ts_C_CITY      = %s\n",
        payment_ptr->s_C_CITY);
fprintf(debug_fp, "\ts_C_STATE     = %s\n",
        payment_ptr->s_C_STATE);
fprintf(debug_fp, "\ts_C_ZIP      = %s\n",
        payment_ptr->s_C_ZIP);
fprintf(debug_fp, "\ts_C_PHONE    = %s\n",
        payment_ptr->s_C_PHONE);
fprintf(debug_fp, "\ts_C_SINCE     = %s\n",
        payment_ptr->s_C_SINCE_time);
fprintf(debug_fp, "\ts_C_CREDIT    = %s\n",
        payment_ptr->s_C_CREDIT);
fprintf(debug_fp, "\ts_C_DATA      = %s\n",
        payment_ptr->s_C_DATA);
fprintf(debug_fp, "\ts_transtatus  = %d (%X)\n",
        payment_ptr->s_transtatus, payment_ptr->s_transtatus);
fprintf(debug_fp, "\tdeadlocks    = %d (%X)\n",
        payment_ptr->deadlocks, payment_ptr->deadlocks);

fprintf(debug_fp, "\n\n\n");
fclose(debug_fp);
}

/*-----
*/
/* stk_debug
*/
/*-----
*/

void stk_debug (struct out_stocklev_struct *stocklev,
               struct in_stocklev_struct *in_stocklev,
               char *msg)
{
    char debug_fn[DEBUG_PATH_SIZE + DEBUG_FILENAME_SZ];

    InitializeDebug();
    strncpy(debug_fn, debugPath, DEBUG_PATH_SIZE);
    strcat(debug_fn, "stk.debug.out");
}

```

```

stk_print(stocklev, in_stocklev, debug_fn, msg);
}

/*-----
*/
/* stk_print
*/
/*-----
*/

void stk_print (struct out_stocklev_struct *stocklev,
               struct in_stocklev_struct *in_stocklev,
               char *filename,
               char *msg)
{
    FILE *debug_fp;
    char timeStamp[27];

    current_tmstamp(&timeStamp[0]);
    timeStamp[19] = (char)NULL;

    if ((debug_fp = fopen(filename, "a+")) == NULL)
    {
        return;
    }

    fprintf(debug_fp, "Stock level debug information follows %s
(%s)\n", timeStamp, msg);

    fprintf(debug_fp, "\n=====
=====\n");

    fprintf(debug_fp, "in_stocklev_struct {\n");
    fprintf(debug_fp, "\ts_W_ID      = %d (%X)\n",
            in_stocklev->s_W_ID, in_stocklev->s_W_ID);
    fprintf(debug_fp, "\ts_D_ID      = %d (%X)\n",
            in_stocklev->s_D_ID, in_stocklev->s_D_ID);
    fprintf(debug_fp, "\ts_threshold = %d (%X)\n",
            in_stocklev->s_threshold, in_stocklev->s_threshold);
    fprintf(debug_fp, "}\n\n");
}

```

```

fprintf(debug_fp, "out_stocklev_struct {\n");
fprintf(debug_fp, "\ts_transtatus  = %d (%X)\n",
        stocklev->s_transtatus, stocklev->s_transtatus);
fprintf(debug_fp, "\tdeadlocks    = %d (%X)\n",
        stocklev->deadlocks, stocklev->deadlocks);
fprintf(debug_fp, "\ts_low_stock   = %d (%X)\n",
        stocklev->s_low_stock, stocklev->s_low_stock);
fprintf(debug_fp, "}\n\n");
fclose(debug_fp);
}

void current_tmstamp(char *buf)
{
    time_t t = time(NULL);
    strncpy(buf, ctime(&t), 19);
}

Src.Common/tpcc1wh.c

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*****/

/*
* tpcc1wh.sqc - TPCC warehouse mapping code
*

```

```

*/

#include <sqlutil.h>
#include <stdlib.h>
#include "lval.h"
#include "db2tpcc.h"
#include "db2ApiDf.h"

int computeLocalWarehouses(sqlint32 node_number,sqlint32
wh_start,sqlint32 wh_end);

void printLocalWarehouses(sqlint32 node_number,sqlint32
wh_start,sqlint32 wh_end);

sqlint32 warehouseMap[WAREHOUSES];
sqlint32 numLocalWarehouses;

int computeLocalWarehouses(sqlint32 node_number,sqlint32
wh_start,sqlint32 wh_end)
{
    struct sqlca sqlca;

    char *dbschema;
    char *dbname;

    unsigned char table_name[2*SQL_MAX_IDENT+2];    // schema +
dot + table + null

    int connected = 0;

    struct db2DistMapStruct myDistMapStruct;
    struct db2PartitioningInfo myPartitioningInfo;
    struct db2RowPartNumStruct myRowPartNumStruct;

    unsigned char *key_value[1];
    unsigned short key_len[1];
    unsigned char key_value_data[10+1]; // length(integer) + null
SQL_PDB_NODE_TYPE node_num;
    short part_num;
    int wh;

    // Get and Validate Schema/Database Name
    dbname = getenv("TPCC_DBNAME");
    if (dbname == NULL)

```

```

{
    sqlca.sqlcode = -1013; // database not found
    sqlerror( CLIENT_SQL, "GETENV", __FILE__, __LINE__, &sqlca);
    goto exit;
}

dbschema = getenv("SERVER_TPCC_SCHEMA");
if (dbschema == NULL)
{
    sqlca.sqlcode = -204; // object not found
    sqlerror( CLIENT_SQL, "GETENV", __FILE__, __LINE__, &sqlca);
    goto exit;
}

// Establish Database Connection
sqlca.sqlcode = connect_to_TM(dbname);
if (sqlca.sqlcode != 0)
{
    goto exit;
}

connected = 1;

// Setup for Get Table Partition Map API
strcpy(table_name, dbschema);
strcat(table_name, ".WAREHOUSE");
myDistMapStruct.tname = table_name;
myDistMapStruct.partinfo = &myPartitioningInfo;

// Allocate Table Partition Map
myDistMapStruct.partinfo->pmap = (SQL_PDB_NODE_TYPE*)
(malloc((SQL_PDB_MAP_SIZE_32K) * sizeof(SQL_PDB_NODE_TYPE)));
if (myDistMapStruct.partinfo->pmap == NULL)
{
    sqlca.sqlcode = -999;
    sqlerror( CLIENT_SQL, "MALLOC", __FILE__, __LINE__, &sqlca);
    goto exit;
}

// Get Table Partition Map

```

```

db2GetDistMap(db2Version970, (void*)&myDistMapStruct, &sqlca);
if (sqlca.sqlcode != 0)
{
    sqlerror( CLIENT_SQL, "GETDISTMAP", __FILE__, __LINE__,
&sqlca);
    goto exit;
}

// Setup for Row Partitioning API
myRowPartNumStruct.num_ptrs = myDistMapStruct.partinfo-
>sqlid;
myRowPartNumStruct.ptr_array = key_value;
myRowPartNumStruct.ptr_lens = key_len;
myRowPartNumStruct.countrycode = 1;
myRowPartNumStruct.codepage = 850;
myRowPartNumStruct.partinfo = myDistMapStruct.partinfo;
myRowPartNumStruct.part_num = &part_num;
myRowPartNumStruct.node_num = &node_num;
myRowPartNumStruct.chklvl = 0;
myRowPartNumStruct.dataFormat = 0;
key_value[0] = &key_value_data[0];
numLocalWarehouses = 0;

// Iterate over given Warehouse range
for (wh=wh_start; wh<=wh_end; wh++)
{
    // Put Warehouse into Data Buffer
    key_len[0] = sprintf(key_value[0],"&d", wh);

    // Get Row Partitioning Information
    db2GetRowPartNum(db2Version970, &myRowPartNumStruct,
&sqlca);

    if(sqlca.sqlcode != 0)
    {
        sqlerror( CLIENT_SQL, "GETROWPARTNUM", __FILE__, __LINE__,
&sqlca);
        goto exit;
    }
}

```



```

// If Local, Add to Local Warehouse Map
if (node_num == node_number)
{
    warehouseMap[numLocalWarehouses] = wh;
    numLocalWarehouses++;
}
}

exit:
if (connected)
{
    disconnect_from_TM();
}

if (myDistMapStruct.partinfo->pmap)
{
    free(myDistMapStruct.partinfo->pmap);
}

if (key_value[0])
{
    free(key_value[0]);
}

return sqlca.sqlcode;
}

void printLocalWarehouses(sqlint32 node_number,sqlint32
wh_start,sqlint32 wh_end)
{
    int wh;

    printf("Local Warehouse Map\n");
    printf("-----\n");
    printf("For Node: %d\n",node_number);
    printf("Warehouse Range: %d to %d\n", wh_start, wh_end);
    printf("Num Local Warehouses: %d (out of %d)\n",
numLocalWarehouses, WAREHOUSES);
}

```

```

for (wh=0; wh<numLocalWarehouses; wh++)
{
    if (wh % 10 == 0)
    {
        printf("\n");
    }
    printf("%4d ", warehouseMap[wh]);
}
}
}

```

Src.Common/tpccmisc.c

```

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/*
 * tpccmisc.c - Miscellaneous routines
 */

#include <windows.h>

#define RAND_A 16807
#define RAND_M 2147483647
#define RAND_M1 2147483646

```

```

#define RAND_MD 2147483647.0
#define RAND_Q 127773
#define RAND_R 2836

static int seed = 1;
static int seedflag = 0;

void srandom(int);
int random(void);
double current_time_ms(void);
double current_time(void);

void srandom (int initial_seed)
{
    seed = initial_seed;
    if ((seed < 1) || (seed > RAND_M1)) seed = 1;
}

int random (void)
{
    int lo;
    int hi;
    int test;

    hi = seed / RAND_Q;
    lo = seed % RAND_Q;
    test = RAND_A * lo - RAND_R * hi;
    if (test > 0) seed = test;
    else seed = test + RAND_M;

    return (seed);
}

/* Current time in SECONDS, precision SECONDS */
double current_time(void)
{
    /* truncate fractional seconds -> seconds */
}

```

```

return (double)((int)(current_time_ms()));
}

/* Current time in SECONDS, precision MILLISECONDS */
double current_time_ms(void)
{
    /* GetCurrentTime() returns ms */
    /* convert to fractional seconds */
    return (GetCurrentTime() / 1000);
}

```

include/db2tpcc.h

```

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*****/

/*
 * db2tpcc.h - Macros and Miscellany
 */

#ifndef __DB2TPCC_H
#define __DB2TPCC_H

#include <sys/types.h>

```

```

typedef __int16 int16_t;
typedef __int32 int32_t;
typedef __int64 int64_t;

#include "ival.h"

/*
***** */

/* Transaction Return Codes (s_transtatus)
*/

/*
***** */

#define INVALID_ITEM          100
#define TRAN_OK              0
#define FATAL_SQLERROR      -1

/*
***** */

/* Definition of Unused and Bad Items
*/

/*
***** */

/* Define unused item ID to be 0. This allows the SUT to
determine the */

/* number of items in the order as required by 2.4.1.3 and
2.4.2.2 since */

/* the assumption that any item with OL_I_ID = 0 is unused will
be true. */

/* This in turn requires that the value used for an invalid item
is */

/* equal to ITEMS + 1.
*/

/*
***** */

#define INVALID_ITEM_ID (2 * ITEMS) + 1
#define UNUSED_ITEM_ID 0

#define MIN_WAREHOUSE 1

```

```

#define MAX_WAREHOUSE WAREHOUSES

/*****
*****/

/* NURand Constants
*/

/* C_C_LAST_RUN and C_C_LAST_LOAD must adhere to clause 2.1.6.
*/

/* Analysis indicates that a C_LAST delta of 85 is optimal.
*/

/*****
*****/

#define C_C_LAST_RUN          88
#define C_C_LAST_LOAD        173
#define C_C_ID                319
#define C_OL_I_ID            3849
#define A_C_LAST              255
#define A_C_ID                1023
#define A_OL_I_ID            8191

/*****
*****/

/* Transaction Type Identifiers
*/

/*****
*****/

#define CLIENT_SQL           0
#define NEWORD_SQL          1
#define PAYMENT_SQL         2
#define ORDSTAT_SQL         3
#define DELIVERY_SQL        4
#define STOCKLEV_SQL        5
#define SPGENERAL_PAD       3
#define SPGENERAL_ADJUST sizeof(int16_t)

struct in_neword_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    struct in_items_struct {
        int32_t s_OL_I_ID;

```

```

    int32_t s_OL_SUPPLY_W_ID;
    int16_t s_OL_QUANTITY;
    int16_t pad1[3];
} in_item[15];
int32_t s_C_ID;
int32_t s_W_ID;
int16_t s_D_ID;
int16_t s_O_OL_CNT;          /* init by SUI */
int16_t s_all_local;
int16_t duplicate_items;
};

```

```

struct out_neword_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    struct items_struct {
        float s_I_PRICE;
        float s_OL_AMOUNT;
        int16_t s_S_QUANTITY;
        int16_t pad2;
        char s_I_NAME[25];
        char s_brand_generic;
    } item[15];
    float s_W_TAX;
    float s_D_TAX;
    float s_C_DISCOUNT;
    float s_total_amount;
    int32_t s_O_ID;
    int16_t s_O_OL_CNT;
    int16_t s_transtatus;
    int16_t deadlocks;
    char s_C_LAST[17];
    char s_C_CREDIT[3];
    char s_O_ENTRY_D_time[27];
};

```

```

struct in_payment_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    float s_H_AMOUNT;
    int32_t s_W_ID;
    int32_t s_C_W_ID;
    int32_t s_C_ID;
    int16_t s_C_D_ID;
    int16_t s_D_ID;
    char s_C_LAST[17];
};

```

```

struct out_payment_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    double s_C_CREDIT_LIM;
    double s_C_BALANCE;
    float s_C_DISCOUNT;
    int32_t s_C_ID;
    int16_t s_transtatus;
    int16_t deadlocks;
    char s_W_STREET_1[21];
    char s_W_STREET_2[21];
    char s_W_CITY[21];
    char s_W_STATE[3];
    char s_W_ZIP[10];
    char s_D_STREET_1[21];
    char s_D_STREET_2[21];
    char s_D_CITY[21];
    char s_D_STATE[3];
    char s_D_ZIP[10];
    char s_C_FIRST[17];
    char s_C_MIDDLE[3];
    char s_C_LAST[17];
    char s_C_STREET_1[21];
    char s_C_STREET_2[21];
    char s_C_CITY[21];
};

```

```

    char s_C_STATE[3];
    char s_C_ZIP[10];
    char s_C_PHONE[17];
    char s_C_CREDIT[3];
    char s_C_DATA[201];
    char s_H_DATE_time[27];
    char s_C_SINCE_time[27];
};

```

```

struct in_ordstat_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    int32_t s_C_ID;
    int32_t s_W_ID;
    int16_t s_D_ID;
    int16_t pad1[3];
    char s_C_LAST[17];
};

```

```

struct out_ordstat_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    double s_C_BALANCE;
    int32_t s_C_ID;
    int32_t s_O_ID;
    int16_t s_O_CARRIER_ID;
    int16_t s_ol_cnt;
    int16_t pad1[2];
    struct oitems_struct {
        double s_OL_AMOUNT;
        int32_t s_OL_I_ID;
        int32_t s_OL_SUPPLY_W_ID;
        int16_t s_OL_QUANTITY;
        int16_t pad2;
        char s_OL_DELIVERY_D_time[27];
    } item[15];
    int16_t s_transtatus;
};

```

```

int16_t  deadlocks;
char     s_C_FIRST[17];
char     s_C_MIDDLE[3];
char     s_C_LAST[17];
char     s_O_ENTRY_D_time[27];
int16_t  pad3[2];
};

```

```

struct in_delivery_struct {
    int16_t  len;
    int16_t  pad[SPGENERAL_PAD];
    int32_t  s_W_ID;
    int16_t  s_O_CARRIER_ID;
};

```

```

struct out_delivery_struct {
    int16_t  len;
    int16_t  pad[SPGENERAL_PAD];
    int32_t  s_O_ID[10];
    int16_t  s_transtatus;
    int16_t  deadlocks;
};

```

```

struct in_stocklev_struct {
    int16_t  len;
    int16_t  pad[SPGENERAL_PAD];
    int32_t  s_threshold;
    int32_t  s_W_ID;
    int16_t  s_D_ID;
};

```

```

struct out_stocklev_struct {
    int16_t  len;
    int16_t  pad[SPGENERAL_PAD];
    int32_t  s_low_stock;
    int16_t  s_transtatus;
    int16_t  deadlocks;
};

```

```

};
/*
***** */
/* Transaction Prototypes
*/
/*
***** */

#ifdef __cplusplus
extern "C" {
#endif

extern int neword_sql(struct in_neword_struct*, struct
out_neword_struct*);

extern int payment_sql(struct in_payment_struct*, struct
out_payment_struct*);

extern int ordstat_sql(struct in_ordstat_struct*, struct
out_ordstat_struct*);

extern int delivery_sql(struct in_delivery_struct*, struct
out_delivery_struct*);

extern int stocklev_sql(struct in_stocklev_struct*, struct
out_stocklev_struct*);

#ifdef __cplusplus
}
#endif

/*
***** */
/* DB2 Connect/Disconnect & Thread Context Wrappers
*/
/*
***** */

#ifdef __cplusplus
extern "C" {
#endif

extern int connect_to_TM(char*);

extern int connect_to_TM_auth(char*, char*, char*);

```

```

extern int disconnect_from_TM(void);

extern int create_context(void);
extern int destroy_context(void);
extern int get_context(void**);
extern int attach_context(void*);
extern int detach_context(void*);

```

```

#ifdef __cplusplus
}
#endif

#ifdef __DB2TPCC_H

```

include/lval.h

/* lval.h - generated automatically at 20100610.1055 */

```

#ifndef __LVAL_H
#define __LVAL_H

#define WAREHOUSES 960000
#define DISTRICTS_PER_WAREHOUSE 10
#define CUSTOMERS_PER_DISTRICT 3000
#define ITEMS 100000
#define STOCK_PER_WAREHOUSE 100000
#define MIN_OL_PER_ORDER 5
#define MAX_OL_PER_ORDER 15
#define NU_ORDERS_PER_DISTRICT 900
#endif // __LVAL_H

```

include/tpccapp.h

```

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*****
*****/

/*
 * tpccapp.h - Application Macros
 */

#ifndef __TPCCAPP_H
#define __TPCCAPP_H

#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <time.h>

#include "sqlenv.h"
#define daricall __stdcall

#include "sqlca.h"
#include "sqlcodes.h"

#ifdef SWAP_ENDIAN
#define SWAP_BYTE(Var) SwapEndian((void*)&Var, sizeof(Var))

/*****
*****
FUNCTION: SwapEndian
PURPOSE: Swap the byte order of a structure
EXAMPLE: int I=0x12345678; SWAP_BYTE(I); I => 0x78563412;
IMPLEMENTATION: Fold Addr in half, swap header & tail by XOR
op

```

```

e.g.: *a = 0x12 [ Addr + 0];
      *b = 0x78 [ Addr + 4 - 0 - 1 = Addr+3];
      *a ^= *b;          // sets *a to 0x6A
      *b ^= *a;          // sets *b to 0x12
      *a ^= *b;          // sets *a to 0x78

      Now *a => 0x78 && *b => 0x12
*****
*****/

void SwapEndian(void *Addr, int nb)
{
    int i;
    for (i=0; i<nb/2; i++)
    {
        char *a = (char*)Addr+i;
        char *b = (char*)Addr+(nb-i-1);

        *a ^= *b;
        *b ^= *a;
        *a ^= *b;
    }
}

#endif //SWAP_ENDIAN

/*****
*****/

/* SQLCODE Macros
*/

/*****
*****/

#define DLCHK(a) \
    if (sqlca.sqlcode == SQL_RC_E911) { goto a; }

#define NACOMPCHK(last) \
    if (sqlca.sqlcode != SQL_RC_E1339) { last = -1; } \

```

```

    else { int a = ((sqlca.sqlerrmc[4] == 0x20) ? 0 :
sqlca.sqlerrmc[4]-0x30); \

        int b = ((sqlca.sqlerrmc[5] == 0x20) ? 0 :
sqlca.sqlerrmc[5]-0x30); \

        if (b == 0) { last = a; } else { last = a * 10 + b; } \
    }

#endif // __TPCCAPP_H

include/tpccdbg.h

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*****
*****/

/*
 * tpccdbg.h - Debugging Macros
 */

#ifndef __TPCCDBG_H
#define __TPCCDBG_H

#ifdef __cplusplus
extern "C" {

#endif

extern void sqlerror (int tranType, char *msg, char *file, int
line,

```

```

        SQL_STRUCTURE sqlca *psqlca);

extern void new_debug (struct out_neword_struct *neword_ptr,
        struct in_neword_struct *in_neword_ptr,
        char *msg);

extern void pay_debug (struct out_payment_struct *payment_ptr,
        struct in_payment_struct *in_payment_ptr,
        char *msg);

extern void ord_debug (struct out_ordstat_struct *ordstat_ptr,
        struct in_ordstat_struct *in_ordstat_ptr,
        char *msg);

extern void del_debug (struct out_delivery_struct *delivery_ptr,
        struct in_delivery_struct
*in_delivery_ptr,
        char *msg);

extern void stk_debug (struct out_stocklev_struct *stocklev_ptr,
        struct in_stocklev_struct
*in_stocklev_ptr,
        char *msg);

extern void new_print (struct out_neword_struct *neword_ptr,
        struct in_neword_struct *in_neword_ptr,
        char *filename,
        char *msg);

extern void pay_print (struct out_payment_struct *payment_ptr,
        struct in_payment_struct *in_payment_ptr,
        char *filename,
        char *msg);

extern void ord_print (struct out_ordstat_struct *ordstat_ptr,
        struct in_ordstat_struct *in_ordstat_ptr,
        char *filename,
        char *msg);

extern void del_print (struct out_delivery_struct *delivery_ptr,
        struct in_delivery_struct
*in_delivery_ptr,
        char *filename,
        char *msg);

extern void stk_print (struct out_stocklev_struct *stocklev_ptr,
        struct in_stocklev_struct
*in_stocklev_ptr,
        char *filename,
        char *msg);

#ifdef __cplusplus
}
#endif

#endif // __TPCCDBG_H

tpccenv.bat

@REM
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@REM
*****

@REM
@REM tpccenv.bat - Windows Environment Setup
@REM
@REM The Kit Version
set TPCC_VERSION=CK100419

@REM The DB2 Instance Name (for DB2)

set DB2INSTANCE=%USERNAME%

@REM The OS being used (i.e. "WINDOWS")
set PLATFORM=WINDOWS

@REM The type of make command and slash used by the OS
@REM (i.e. UNIX - "/", WINDOWS - "\")
@REM These are referenced all over the kit.
set SLASH=\
set MAKE=nmake

@REM Specifies whether or not to use dari stored proc's for the
TPC-C driver. Set to either DARIVERSION or NONDARI;
@REM set TPCC_SPTYPE=NOSP
@REM set TPCC_SPTYPE=SPGENERAL2
set TPCC_SPTYPE=SPGENERAL
@REM set TPCC_SPTYPE=DARI2SQLDA

@REM The schema name is typically the SQL authorization ID (or
username).
@REM This is required for runstats and EEE.
set TPCC_SCHEMA=%USERNAME%
set SERVER_TPCC_SCHEMA=%USERNAME%

@REM DB2 EE/EEE Configuration
@REM set DB2EDITION=EE
set DB2EDITION=DPF

@REM TPCC General Configuration
@REM ** IMPORTANT NOTE **

@REM The kit is not guaranteed to work properly if TPCC_ROOT or
TPCC_SQLLIB
@REM have spaces in them. If you absolutely must use paths with
spaces,
@REM then the entire path must be surrounded by double quotes.
@REM For example: HOME="C:\Program Files\IBM"
set HOME=c:\Users\tpcc\
set TPCC_DBNAME=TPCC
set TPCC_ROOT=%HOME%tpcc21

```

```

set TPCC_SQLLIB=c:\sqllib
set TPCC_RUNDATA=c:\tpccdata

@REM TPCC Debug Configuration

@REM This is the path where all error and debug logs are placed.

@REM To get debugging from within the stored procedures, you
must

@REM set DB2ENVLIST="TPCC_DEBUGDIR" in tpcc.config.

set TPCC_DEBUGDIR=c:\temp

@REM Specifies where stored procedures should be placed and if
they should

@REM be fenced.

set TPCC_SPDIR=%TPCC_SQLLIB%\function
set TPCC_FENCED=NO

```

```

# Linker Configuration
LD_EXEC=xlc
LD_STORP=xlc
LD_FLAGS_EXEC=-lm -q64
LD_FLAGS_SHLIB=-qmkshrobj
LD_FLAGS_STORP=$(LD_FLAGS_SHLIB) -bE:$@.exp -lc -b64
LD_FLAGS_LIB=-L$(TPCC_SQLLIB)/lib -ldb2
LD_FLAGS_OUT=-o

# Library Configuration
AR=ar
AR_FLAGS=-r -v -X64
AR_FLAGS_LIB=
AR_FLAGS_OUT=

# OS Commands
ERASE=rm -f
ERASEDIR=$(ERASE) -R
MOVE=mv
COPY=cp

# OS File Extensions & Path Separators
OBJEXT=.o
LIBEXT=.a
SHLIBEXT=.a
BINEXT=
SLASH=/
CMDSEP=;

```

```

CFLAGS = $(CFLAGS_OS) $(CFLAGS_DEBUG) $(INCLUDE) \
          -DSQLA_NOLINES -D$(DB2EDITION) -
D$(TPCC_SPTYPE)

UTIL_OBJ_DBG = tpccdbg$(OBJEXT)
UTIL_OBJ_GEN = tpccmisc$(OBJEXT)
UTIL_OBJ_DB2 = tpccctx$(OBJEXT)
UTIL_OBJ_DPF = tpccclwh$(OBJEXT)

#
#####
# User Targets
#
#####
all: $(UTIL_OBJ_DBG) $(UTIL_OBJ_GEN) $(UTIL_OBJ_DPF)
connect $(UTIL_OBJ_DB2) disconnect

dbgen: $(UTIL_OBJ_DBG) $(UTIL_OBJ_GEN) $(UTIL_OBJ_DPF) connect
$(UTIL_OBJ_DB2) disconnect

clean:
- $(ERASE) *$(OBJEXT) *.bnd *.msg tpccctx.c

#
#####
# Helper Targets
#
#####
connect:
- db2 connect to $(TPCC_DBNAME)

disconnect:
- db2 connect reset
- db2 terminate

#
#####
# Build Rules
#
#####
.SUFFIXES:
.SUFFIXES: $(OBJEXT) .c .sqc

.sqc.c:
@echo "Prepping $*.sqc"
db2 prep $*.sqc $(PRP_OPTS) bindfile
db2 grant execute on package TPCCCTX to public

#
#####
# Dependencies
#
#####
# Source
tpccdbg$(OBJEXT): tpccdbg.c
tpccctx$(OBJEXT): tpccctx.c
tpccmisc$(OBJEXT): tpccmisc.c

# Headers
tpccdbg.c: $(TPCC_ROOT)/include/db2tpcc.h

```

Src.Common/Makefile

```

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## Corp.
#####
#####
#
# Makefile - Makefile for Src.Common
#
include $(TPCC_ROOT)/Makefile.config

#
#####
#####
# Preprocessor, Compiler and Linker Flags
#
#####
PRP_OPTS = PACKAGE \
          OPTLEVEL 1 \
          ISOLATION RR \
          MESSAGES $*.prep.msg \
          LEVEL $(TPCC_VERSION) \
          NOLINEMACRO

INCLUDE = -I$(TPCC_SQLLIB)/include -I$(TPCC_ROOT)/include

```

A.2 Client Transaction Code

Makefile.config

```

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#####
#####
#
# Makefile.config - AIX 64-bit
#

# Make Configuration
MAKE=make

# Compiler Configuration.
# CFLAGS_DEBUG may be set to "-g", "-DDEBUGIT" "-g -DDEBUGIT" or
left blank
CC=xlc
CFLAGS_OS=-qflag=i:i -qlanglvl=ansi -qpluscmt -DSQLUNIX -
DSQLAIX -q64 -O3 -D_LARGE_FILES
CFLAGS_OUT=-o
CFLAGS_DEBUG=

```

Src.Common/tpccctx.sqc

```
/*
*****
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*****
*****/

/*
 * tpccctx.sqc - TPCC context code
 */

#include <string.h>
#include <sqlutil.h>
#include "db2tpcc.h"
#include "tpccdbg.h"

int connect_to_TM(char *in_dbname);
int connect_to_TM_auth(char *in_dbname, char *in_username, char
*in_password);
int disconnect_from_TM(void);

int connect_to_TM(char *in_dbname)
{
    return connect_to_TM_auth(in_dbname, "", "");
}

int connect_to_TM_auth(char *in_dbname, char *in_username, char
*in_password)
{
    SQL_STRUCTURE sqlca sqlca;
    int ConnectSQLCODE = 0;

    EXEC SQL BEGIN DECLARE SECTION;
    char dbname[9];
    char username[129];
    char password[15];
    EXEC SQL END DECLARE SECTION;

    /* Copy 9 characters - 8 for dbname, 1 for NULL */
    strncpy(dbname, in_dbname, 9);
    if (strcmp(in_username, "") == 0)
    {
        EXEC SQL CONNECT TO :dbname IN SHARE MODE;
    }
    else {
        strncpy(username, in_username, 128);
        strncpy(password, in_password, 14);
        EXEC SQL CONNECT TO :dbname IN SHARE MODE USER :username
USING :password;
    }

    ConnectSQLCODE = SQLCODE;
    if (ConnectSQLCODE != 0)
    {
        sqlerror( CLIENT_SQL, "CONNECT", __FILE__, __LINE__,
&sqlca);
    }

    return ConnectSQLCODE;
}

return 0;

```

```

}

int disconnect_from_TM(void)
{
    SQL_STRUCTURE sqlca sqlca;
    int DisconnectSQLCODE = 0;

    EXEC SQL CONNECT RESET;

    DisconnectSQLCODE = SQLCODE;
    if (DisconnectSQLCODE != 0) {
        sqlerror( CLIENT_SQL, "DISCONNECT", __FILE__, __LINE__,
&sqlca);
    }

    if (DisconnectSQLCODE) {
        return DisconnectSQLCODE;
    }
    return 0;
}
}

```

Src.Common/tpccdbg.c

```
/*
*****
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*****
*****/

/*
 * tcdbg.c - Debugging Routines
 */

#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <ctype.h>
#include <time.h>
#include <unistd.h>

#include "sqlca.h"
#include "sql.h"
#include "db2tpcc.h"
#include "tpccdbg.h"

#define DEBUG_FILENAME_SZ 128
#define DEBUG_PATH_SIZE 128

void del_print();
void new_print();
void ord_print();
void pay_print();
void stk_print();

void current_tmstamp(char *buf);

static int debugInit = 0;
static char debugPath[DEBUG_PATH_SIZE] = "";

```

```
/*-----
*/
/*
/* InitializeDebug
*/
/*-----
*/

void InitializeDebug(void) {
    if (debugInit == 0) {
        char *p = getenv("TPCC_DEBUGDIR");
        if (p) {
            strncpy(debugPath, p, DEBUG_PATH_SIZE);
        } else {
            strcpy(debugPath, "/tmp");
        }
        strcat(debugPath, "/");
    }
    debugInit = 1;
}

/*-----
*/
/*
/* sqlerror
*/
/*-----
*/

void sqlerror(int tranType, char *msg, char *file, int line,
SQL_STRUCTURE sqlca *psqlca)
{
    FILE *err_fp = NULL;
    char err_fn[DEBUG_PATH_SIZE + DEBUG_FILENAME_SZ];
    char tranName[16];
    int j,k;
    char timeStamp[27];
    char errStr[512] = "";

    InitializeDebug();
    strncpy(err_fn, debugPath, DEBUG_PATH_SIZE);
    current_tmstamp(&timeStamp[0]);
    timeStamp[19] = (char)NULL;

    switch(tranType)
    {
        case NEWORD_SQL:
            // sprintf(err_fn, "%d.err.out", getpid());
            strcat(err_fn, "new.err.out");
            strcpy(tranName, "NEW_ORDER");
            break;

        case DELIVERY_SQL:
            // sprintf(err_fn, "%d.err.out", getpid());
            strcat(err_fn, "del.err.out");
            strcpy(tranName, "DELIVERY");
            break;

        case PAYMENT_SQL:
            // sprintf(err_fn, "%d.err.out", getpid());
            strcat(err_fn, "pay.err.out");
            strcpy(tranName, "PAYMENT");
            break;

        case ORDSTAT_SQL:
            // sprintf(err_fn, "%d.err.out", getpid());
            strcat(err_fn, "ord.err.out");
            strcpy(tranName, "ORDER_STAT");
            break;

        case STOCKLEV_SQL:
            //sprintf(err_fn, "%d.err.out", getpid());
            strcat(err_fn, "stk.err.out");
            strcpy(tranName, "STOCK_LVL");
            break;

        case 0:

```



```

    fprintf(debug_fp,"Payment debug information follows %s
(%)s\n", timeStamp, msg);
    fprintf(debug_fp, " PID %d ", getpid());

fprintf(debug_fp, "\n=====
=====\n");

    fprintf(debug_fp,"in_payment_struct {\n");
    fprintf(debug_fp,"\ts_H_AMOUNT = %.2f\n",
in_payment->s_H_AMOUNT);
    fprintf(debug_fp,"\ts_C_ID = %d (%X)\n",
in_payment->s_C_ID, in_payment->s_C_ID);
    fprintf(debug_fp,"\ts_W_ID = %d (%X)\n",
in_payment->s_W_ID, in_payment->s_W_ID);
    fprintf(debug_fp,"\ts_D_ID = %d (%X)\n",
in_payment->s_D_ID, in_payment->s_D_ID);
    fprintf(debug_fp,"\ts_C_D_ID = %d (%X)\n",
in_payment->s_C_D_ID, in_payment->s_C_D_ID);
    fprintf(debug_fp,"\ts_C_W_ID = %d (%X)\n",
in_payment->s_C_W_ID, in_payment->s_C_W_ID);
    fprintf(debug_fp,"\ts_C_LAST = %s\n",
in_payment->s_C_LAST);
    fprintf(debug_fp, "\n)\n\n");

    fprintf(debug_fp,"out_payment_struct {\n");
    fprintf(debug_fp,"\ts_C_CREDIT_LIM = %.2f\n",
payment_ptr->s_C_CREDIT_LIM);
    fprintf(debug_fp,"\ts_C_DISCOUNT = %04.4f\n",
payment_ptr->s_C_DISCOUNT);
    fprintf(debug_fp,"\ts_C_BALANCE = %.2f\n",
payment_ptr->s_C_BALANCE);
    fprintf(debug_fp,"\ts_C_ID = %d (%X)\n",
payment_ptr->s_C_ID, payment_ptr->s_C_ID);
    fprintf(debug_fp,"\ts_W_STREET_1 = %s\n",
payment_ptr->s_W_STREET_1);
    fprintf(debug_fp,"\ts_W_STREET_2 = %s\n",
payment_ptr->s_W_STREET_2);
    fprintf(debug_fp,"\ts_W_CITY = %s\n",
payment_ptr->s_W_CITY);
    fprintf(debug_fp,"\ts_W_STATE = %s\n",
payment_ptr->s_W_STATE);
    fprintf(debug_fp,"\ts_W_ZIP = %s\n",
payment_ptr->s_W_ZIP);
    fprintf(debug_fp,"\ts_D_STREET_1 = %s\n",
payment_ptr->s_D_STREET_1);
    fprintf(debug_fp,"\ts_D_STREET_2 = %s\n",
payment_ptr->s_D_STREET_2);
    fprintf(debug_fp,"\ts_D_CITY = %s\n",
payment_ptr->s_D_CITY);
    fprintf(debug_fp,"\ts_D_STATE = %s\n",
payment_ptr->s_D_STATE);
    fprintf(debug_fp,"\ts_D_ZIP = %s\n",
payment_ptr->s_D_ZIP);
    fprintf(debug_fp,"\ts_C_FIRST = %s\n",
payment_ptr->s_C_FIRST);
    fprintf(debug_fp,"\ts_C_MIDDLE = %s\n",
payment_ptr->s_C_MIDDLE);
    fprintf(debug_fp,"\ts_C_LAST = %s\n",
payment_ptr->s_C_LAST);
    fprintf(debug_fp,"\ts_C_STREET_1 = %s\n",
payment_ptr->s_C_STREET_1);
    fprintf(debug_fp,"\ts_C_STREET_2 = %s\n",
payment_ptr->s_C_STREET_2);
    fprintf(debug_fp,"\ts_C_CITY = %s\n",
payment_ptr->s_C_CITY);
    fprintf(debug_fp,"\ts_C_STATE = %s\n",
payment_ptr->s_C_STATE);
    fprintf(debug_fp,"\ts_C_ZIP = %s\n",
payment_ptr->s_C_ZIP);
    fprintf(debug_fp,"\ts_C_PHONE = %s\n",
payment_ptr->s_C_PHONE);
    fprintf(debug_fp,"\ts_C_SINCE = %s\n",
payment_ptr->s_C_SINCE_time);
    fprintf(debug_fp,"\ts_C_CREDIT = %s\n",

```

```

    payment_ptr->s_C_CREDIT);
    fprintf(debug_fp,"\ts_C_DATA = %s\n",
payment_ptr->s_C_DATA);
    fprintf(debug_fp,"\ts_transtatus = %d (%X)\n",
payment_ptr->s_transtatus, payment_ptr->s_transtatus);
    fprintf(debug_fp,"\tdeadlocks = %d (%X)\n",
payment_ptr->deadlocks, payment_ptr->deadlocks);
    fprintf(debug_fp, "\n)\n\n");
    fclose(debug_fp);
}

/*-----
*/
/* stk_debug
*/
/*-----
*/
void stk_debug (struct out_stocklev_struct *stocklev,
struct in_stocklev_struct *in_stocklev,
char *msg)
{
    char debug_fn[DEBUG_PATH_SIZE + DEBUG_FILENAME_SZ];

    InitializeDebug();
    strncpy(debug_fn, debugPath, DEBUG_PATH_SIZE);
    strcat(debug_fn, "stk.debug.out");
    stk_print(stocklev, in_stocklev, debug_fn, msg);
}

/*-----
*/
/* stk_print
*/
/*-----
*/
void stk_print (struct out_stocklev_struct *stocklev,
struct in_stocklev_struct *in_stocklev,
char *filename,
char *msg)
{
    FILE *debug_fp;
    char timeStamp[27];

    current_tmstamp(&timeStamp[0]);
    timeStamp[19] = (char)NULL;

    if ((debug_fp = fopen(filename, "a+")) == NULL)
    {
        return;
    }

    fprintf(debug_fp,"Stock level debug information follows %s
(%)s\n", timeStamp, msg);
    fprintf(debug_fp, " PID %d ", getpid());

    fprintf(debug_fp, "\n=====
=====\n");

    fprintf(debug_fp,"in_stocklev_struct {\n");
    fprintf(debug_fp,"\ts_W_ID = %d (%X)\n",
in_stocklev->s_W_ID, in_stocklev->s_W_ID);
    fprintf(debug_fp,"\ts_D_ID = %d (%X)\n",
in_stocklev->s_D_ID, in_stocklev->s_D_ID);
    fprintf(debug_fp,"\ts_threshold = %d (%X)\n",
in_stocklev->s_threshold, in_stocklev->s_threshold);
    fprintf(debug_fp, "\n)\n\n");

    fprintf(debug_fp,"out_stocklev_struct {\n");
    fprintf(debug_fp,"\ts_transtatus = %d (%X)\n",
stocklev->s_transtatus, stocklev->s_transtatus);
    fprintf(debug_fp,"\tdeadlocks = %d (%X)\n",
stocklev->deadlocks, stocklev->deadlocks);
    fprintf(debug_fp,"\ts_low_stock = %d (%X)\n",

```

```

    stocklev->s_low_stock, stocklev->s_low_stock);
    fprintf(debug_fp, "\n)\n\n");
    fclose(debug_fp);
}

void current_tmstamp(char *buf)
{
    time_t t = time(NULL);
    strncpy(buf, ctime(&t), 19);
}

SrcCommon/tpcc1wh.c

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*****/

/*
* tpcc1wh.sqc - TPCC warehouse mapping code
*
*/

#include <sqlutil.h>
#include <stdlib.h>
#include "lval.h"
#include "db2tpcc.h"
#include "db2ApiDf.h"

int computeLocalWarehouses(sqlint32 node_number, sqlint32
wh_start, sqlint32 wh_end, char *DBName);
void printLocalWarehouses(sqlint32 node_number, sqlint32
wh_start, sqlint32 wh_end);

sqlint32 warehouseMap[WAREHOUSES];
sqlint32 numLocalWarehouses;

int computeLocalWarehouses(sqlint32 node_number, sqlint32
wh_start, sqlint32 wh_end, char *DBName)
{
    struct sqlca sqlca;

    char *dbschema;
    unsigned char table_name[2*SQL_MAX_IDENT+2]; // schema +
dot + table + null
    int connected = 0;
    struct db2DistMapStruct myDistMapStruct;
    struct db2PartitioningInfo myPartitioningInfo;
    struct db2RowPartNumStruct myRowPartNumStruct;
    unsigned char *key_value[1];
    unsigned short key_len[1];
    unsigned char key_value_data[10+1]; // length(integer) + null
SQL_PDB_NODE_TYPE node_num;
    short part_num;
    int wh;

    dbschema = getenv("SERVER_TPCC_SCHEMA");
    if (dbschema == NULL)
    {

```

```

dbschema = getenv("USER");
if (dbschema == NULL)
{
    sqlca.sqlcode = -204; // object not found
    sqlerror( CLIENT_SQL, "GETENV", __FILE__, __LINE__,
&sqlca);
    goto exit;
}
}

// Establish Database Connection
sqlca.sqlcode = connect_to_TM(DBName);
if (sqlca.sqlcode != 0)
{
    goto exit;
}
connected = 1;

// Setup for Get Table Partition Map API
strcpy((char *)table_name, dbschema);
strcat((char *)table_name, ".WAREHOUSE");
myDistMapStruct.tname = table_name;
myDistMapStruct.partitioninfo = &myPartitioningInfo;

// Allocate Table Partition Map
myDistMapStruct.partitioninfo->pmap = (SQL_PDB_NODE_TYPE*)
(malloc((SQL_PDB_MAP_SIZE_32K) * sizeof(SQL_PDB_NODE_TYPE)));
if (myDistMapStruct.partitioninfo->pmap == NULL)
{
    sqlca.sqlcode = -999;
    sqlerror( CLIENT_SQL, "MALLOC", __FILE__, __LINE__, &sqlca);
    goto exit;
}

// Get Table Partition Map
db2GetDistMap(db2Version970, (void*)&myDistMapStruct, &sqlca);
if (sqlca.sqlcode != 0)
{
    sqlerror( CLIENT_SQL, "GETDISTMAP", __FILE__, __LINE__,
&sqlca);
    goto exit;
}

// Setup for Row Partitioning API
myRowPartNumStruct.num_ptrs = myDistMapStruct.partitioninfo-
>sqlca;
myRowPartNumStruct.ptr_array = key_value;
myRowPartNumStruct.ptr_lens = key_len;
myRowPartNumStruct.countrycode = 1;
myRowPartNumStruct.codepage = 850;
myRowPartNumStruct.partitioninfo = myDistMapStruct.partitioninfo;
myRowPartNumStruct.part_num = &part_num;
myRowPartNumStruct.node_num = &node_num;
myRowPartNumStruct.chklvl = 0;
myRowPartNumStruct.dataFormat = 0;
key_value[0] = &key_value_data[0];
numLocalWarehouses = 0;

// Iterate over given Warehouse range
for (wh=wh_start; wh<wh_end; wh++)
{
    // Put Warehouse into Data Buffer
    key_len[0] = sprintf(key_value[0],"%d", wh);

    // Get Row Partitioning Information
    db2GetRowPartNum(db2Version970, &myRowPartNumStruct,
&sqlca);
    if (sqlca.sqlcode != 0)
    {
        sqlerror( CLIENT_SQL, "GETROWPARTNUM", __FILE__, __LINE__,
&sqlca);
        goto exit;
    }
}

```

```

// If Local, Add to Local Warehouse Map
if (node_num == node_number)
{
    warehouseMap[numLocalWarehouses] = wh;
    numLocalWarehouses++;
}
}

exit:
if (connected)
{
    disconnect_from_TM();
}

if (myDistMapStruct.partitioninfo->pmap)
{
    free(myDistMapStruct.partitioninfo->pmap);
}

if (key_value[0])
{
    free(key_value[0]);
}

return sqlca.sqlcode;
}

void printLocalWarehouses(sqlint32 node_number,sqlint32
wh_start,sqlint32 wh_end)
{
    int wh;

    printf("Local Warehouse Map\n");
    printf("-----\n");
    printf("For Node: %d\n",node_number);
    printf("Warehouse Range: %d to %d\n", wh_start, wh_end);
    printf("Num Local Warehouses: %d (out of %d)\n",
numLocalWarehouses, WAREHOUSES);

    for (wh=0; wh<numLocalWarehouses; wh++)
    {
        if (wh % 10 == 0)
        {
            printf("\n");
        }
        printf("%4d ", warehouseMap[wh]);
    }
}

Src.Common/tpccmisc.c

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*****
*****/

/*
* tpccmisc.c - Miscellaneous routines
*/

```

```

#include <stdlib.h>
#include <sys/types.h>
#include <sys/time.h>

double current_time_ms(void);
double current_time(void);

/* Current time in SECONDS, precision SECONDS */
double current_time(void)
{
    /* use time() to get seconds */
    return(time(NULL));
}

/* Current time in SECONDS, precision MILLISECONDS */
double current_time_ms(void)
{
    /* gettimeofday() returns seconds and microseconds */
    /* convert to fractional seconds */
    struct timeval t;
    gettimeofday(&t,NULL);
    return (t.tv_sec + (double)t.tv_usec/(1000*1000));
}

Src.Srv/Makefile

#####
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Corp.
#####
#####
#
# Makefile - Makefile for Src.Srv
#

include $(TPCC_ROOT)/Makefile.config

#
#####
#####
# Preprocessor, Compiler and Linker Flags
#####
#####
PRP_OPTS = PACKAGE \
          ISOLATION RR \
          QUERYOPT 7 \
          EXPLAIN ALL \
          MESSAGES $*.prep.msg

INCLUDE = -I$(TPCC_SQLLIB)/include -I$(TPCC_ROOT)/include

CFLAGS = $(CFLAGS_OS) $(INCLUDE) $(CFLAGS_DEBUG) \
         -D$(DB2EDITION) \
         -D$(SQLA_NO_LINES) -DLINT_ARGS

```

```

LDLFLAGS = $(LDLFLAGS_STORP) $(LDLFLAGS_LIB)

#
#####
# File Collections
#
#####
STORED_PROCS = new ord del

UTIL_OBJ = $(TPCC_ROOT)/Src.Common/tpccmisc$(OBJEXT) \
           $(TPCC_ROOT)/Src.Common/tpccdbg$(OBJEXT)

EXE = news ords dels

#
#####
# User Targets
#
#####
all: connect explain catalog $(EXE) install disconnect

clean: connect uncatalog unexplain disconnect
      - $(ERASE) $(TPCC_SPDIR)$(SLASH)news
      - $(ERASE) $(TPCC_SPDIR)$(SLASH)ords
      - $(ERASE) $(TPCC_SPDIR)$(SLASH)dels
      - $(ERASE) *.bnd *.msg *.out *$(OBJEXT) $(EXE)
tpcc_all_sql.c

#
#####
# Helper Targets
#
#####
catalog: uncatalog
        - perl $(TPCC_ROOT)$(SLASH)utils$(SLASH)genproc.pl
$(STORED_PROCS)
        - db2 -tvf cat-proc.ddl +o -z cat-proc.out
        - db2 -td% -vf cat-func.ddl +o -z cat-func.out

uncatalog:
        - perl $(TPCC_ROOT)$(SLASH)utils$(SLASH)genproc.pl
$(STORED_PROCS)
        - db2 -td% -vf uncat-func.ddl +o -z uncat-func.out
        - db2 -tvf uncat-proc.ddl +o -z uncat-proc.out

explain:
        - db2 "call
sysproc.sysinstallobjects('EXPLAIN','C','','CURRENT SCHEMA)"

unexplain:
        - db2 "call
sysproc.sysinstallobjects('EXPLAIN','D','','CURRENT SCHEMA)"

connect:
        - db2 connect to $(TPCC_DBNAME)

disconnect:
        - db2 connect reset
        - db2 terminate

#
#####

```

```

# Install Targets
#
#####
install: $(EXE)
        - mkdir -p $(TPCC_SPDIR)
$(COPY) ords $(TPCC_SPDIR)
$(COPY) news $(TPCC_SPDIR)
$(COPY) dels $(TPCC_SPDIR)

#
#####
# Build Rules
#
#####
.SUFFIXES: $(OBJEXT) .c .sqc

tpcc_all_sql.c:
        @echo "Prepping $*.sqc"
        db2 prep $*.sqc $(PRP_OPTS)
        db2 grant execute on package TPCC_ALL to public

tpcc_all_sql$(OBJEXT):
$(CC) -c tpcc_all_sql.c $(CFLAGS) -D$(TPCC_SPTYPE)
$(CFLAGS_OUT)$@

$(EXE): $(UTIL_OBJ) tpcc_all_sql.o
           $(LD_STORP) $(LDLFLAGS) $(UTIL_OBJ) tpcc_all_sql.o
$(LDLFLAGS_OUT)$@

#
#####
# Dependencies
#
#####
# Executables (Stored Procedures)
$(EXE): $(UTIL_OBJ) tpcc_all_sql.o

# Source
tpcc_all_sql$(OBJEXT): tpcc_all_sql.c

# Headers
tpcc_all_sql.c: $(TPCC_ROOT)/include/db2tpcc.h

```

Src.Srv/cat-func.ddl

```

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-----

```

```

--
-- cat-func.ddl - Create table functions
--
--
-- DELIVERY
--
CREATE FUNCTION DEL( W_ID INTEGER
                   , D_ID SMALLINT
                   , CARRIER_ID SMALLINT
                   )
RETURNS TABLE ( O_ID INTEGER )
SPECIFIC DELIVERY
MODIFIES SQL DATA DETERMINISTIC NO EXTERNAL ACTION LANGUAGE SQL
VAR: BEGIN ATOMIC

        DECLARE O_ID INTEGER ;
        DECLARE C_ID INTEGER ;
        DECLARE AMOUNT DECIMAL(12,2) ;

        /* Delete the order from new order table */
        SET VAR.O_ID = ( SELECT NO_O_ID
                        FROM OLD TABLE ( DELETE
                                        FROM ( SELECT NO_O_ID
                                                FROM NEW_ORDER
                                                WHERE NO_W_ID =
                                                AND NO_D_ID =
                                                ORDER BY NO_O_ID
                                                FETCH FIRST 1
                                                ) AS NEW_ORDER
                                        ) AS D
                        ) ;

        /* Update the order as delivered and retrieve the customer id */
        SET VAR.C_ID = ( SELECT O_C_ID
                        FROM OLD TABLE ( UPDATE ORDERS
                                        SET O_CARRIER_ID =
                                        WHERE O_W_ID = DEL.W_ID
                                        AND O_D_ID = DEL.D_ID
                                        AND O_ID = VAR.O_ID
                                        ) AS U
                        ) ;

        SET VAR.AMOUNT = ( SELECT SUM( OL_AMOUNT )
                        FROM OLD TABLE ( UPDATE ORDER_LINE
                                        SET OL_DELIVERY_D =
CURRENT TIMESTAMP

```

```

WHERE OL_W_ID =
DEL.W_ID
AND OL_D_ID =
DEL.D_ID
AND OL_O_ID =
VAR.O_ID
) AS U
)
;
/* Charge the customer */
UPDATE CUSTOMER
SET C_BALANCE = C_BALANCE + VAR.AMOUNT
, C_DELIVERY_CNT = C_DELIVERY_CNT + SMALLINT( 1 )
WHERE C_W_ID = DEL.W_ID
AND C_D_ID = DEL.D_ID
AND C_ID = VAR.C_ID
;
/* Return the order id to the caller (or NULL) */
RETURN VALUES VAR.O_ID ;
END
%
--
-- ORDER STATUS
--
CREATE FUNCTION ORD_C_LAST( W_ID INTEGER
, D_ID SMALLINT
, C_LAST VARCHAR(16)
)
RETURNS TABLE( O_ID INTEGER
, O_CARRIER_ID SMALLINT
, O_ENTRY_D TIMESTAMP
, C_BALANCE DECIMAL(12,2)
, C_FIRST VARCHAR(16)
, C_MIDDLE CHAR(2)
, C_ID INTEGER
)
SPECIFIC ORD_C_LAST
READS SQL DATA NO EXTERNAL ACTION DETERMINISTIC LANGUAGE SQL
VAR: BEGIN ATOMIC
DECLARE C_BALANCE DECIMAL(12,2) ;
DECLARE C_FIRST VARCHAR(16) ;
DECLARE C_MIDDLE CHAR(2) ;
DECLARE C_ID INTEGER ;
DECLARE O_ID INTEGER ;
DECLARE O_CARRIER_ID SMALLINT ;
DECLARE O_ENTRY_D TIMESTAMP ;
/* Retrieve the Customer information */
SET ( C_BALANCE, C_FIRST, C_MIDDLE, C_ID )
= ( SELECT C_BALANCE, C_FIRST, C_MIDDLE, C_ID
FROM ( SELECT C_ID
, C_BALANCE
, C_FIRST
, C_MIDDLE
, COUNT(*) OVER() AS COUNT

```

```

, ROWNUMBER() OVER (ORDER BY C_FIRST) AS
NUM
FROM CUSTOMER
WHERE C_W_ID = ORD_C_LAST.W_ID
AND C_D_ID = ORD_C_LAST.D_ID
AND C_LAST = ORD_C_LAST.C_LAST
) AS V1
WHERE NUM = (COUNT + BIGINT( 1 ) ) / BIGINT( 2 )
)
;
SET ( O_ID, O_CARRIER_ID, O_ENTRY_D )
= ( SELECT O_ID
, O_CARRIER_ID
, O_ENTRY_D
FROM ORDERS
WHERE O_W_ID = ORD_C_LAST.W_ID
AND O_D_ID = ORD_C_LAST.D_ID
AND O_C_ID = VAR.C_ID
ORDER BY O_ID DESC
FETCH FIRST 1 ROW ONLY
)
;
RETURN VALUES ( VAR.O_ID
, VAR.O_CARRIER_ID
, VAR.O_ENTRY_D
, VAR.C_BALANCE
, VAR.C_FIRST
, VAR.C_MIDDLE
, VAR.C_ID
)
;
END
%
CREATE FUNCTION ORD_C_ID( W_ID INTEGER
, D_ID SMALLINT
, C_ID INTEGER
)
RETURNS TABLE( O_ID INTEGER
, O_CARRIER_ID SMALLINT
, O_ENTRY_D TIMESTAMP
, C_BALANCE DECIMAL(12,2)
, C_FIRST VARCHAR(16)
, C_MIDDLE CHAR(2)
, C_LAST VARCHAR(16)
)
SPECIFIC ORD_C_ID
READS SQL DATA NO EXTERNAL ACTION DETERMINISTIC LANGUAGE SQL
VAR: BEGIN ATOMIC
DECLARE C_BALANCE DECIMAL(12,2) ;
DECLARE C_FIRST VARCHAR(16) ;
DECLARE C_MIDDLE CHAR(2) ;
DECLARE C_LAST VARCHAR(16) ;
DECLARE O_ID INTEGER ;
DECLARE O_CARRIER_ID SMALLINT ;
DECLARE O_ENTRY_D TIMESTAMP ;

```

```

/* Retrieve the Customer information */
SET ( C_BALANCE, C_FIRST, C_MIDDLE, C_LAST )
= ( SELECT C_BALANCE, C_FIRST, C_MIDDLE, C_LAST
FROM CUSTOMER
WHERE C_ID = ORD_C_ID.C_ID
AND C_W_ID = ORD_C_ID.W_ID
AND C_D_ID = ORD_C_ID.D_ID
)
;
SET (O_ID, O_CARRIER_ID, O_ENTRY_D)
= ( SELECT O_ID
, O_CARRIER_ID
, O_ENTRY_D
FROM ORDERS
WHERE O_W_ID = ORD_C_ID.W_ID
AND O_D_ID = ORD_C_ID.D_ID
AND O_C_ID = ORD_C_ID.C_ID
ORDER BY O_ID DESC
FETCH FIRST 1 ROW ONLY
)
;
RETURN VALUES ( VAR.O_ID
, VAR.O_CARRIER_ID
, VAR.O_ENTRY_D
, VAR.C_BALANCE
, VAR.C_FIRST
, VAR.C_MIDDLE
, VAR.C_LAST
)
;
END
%
--
-- PAYMENT (LOCAL)
--
CREATE FUNCTION PAY_C_LAST_LOCAL( W_ID INTEGER
, D_ID SMALLINT
, C_LAST VARCHAR(16)
, H_AMOUNT DECIMAL(6,2)
, BAD_CREDIT_PREFIX VARCHAR(28)
)
RETURNS TABLE( W_STREET_1 CHAR(20)
, W_STREET_2 CHAR(20)
, W_CITY CHAR(20)
, W_STATE CHAR(2)
, W_ZIP CHAR(9)
, D_STREET_1 CHAR(20)
, D_STREET_2 CHAR(20)
, D_CITY CHAR(20)
, D_STATE CHAR(2)
, D_ZIP CHAR(9)
, C_ID INTEGER
, C_FIRST VARCHAR(16)
, C_MIDDLE CHAR(2)
, C_STREET_1 VARCHAR(20)
, C_STREET_2 VARCHAR(20)
, C_CITY VARCHAR(20)
, C_STATE CHAR(2)
, C_ZIP CHAR(9)
)

```

```

, C_PHONE CHAR(16)
, C_SINCE TIMESTAMP
, C_CREDIT CHAR(2)
, C_CREDIT_LIM DECIMAL(12,2)
, C_DISCOUNT REAL
, C_BALANCE DECIMAL(12,2)
, C_DATA CHAR(200)
, H_DATE TIMESTAMP
)

SPECIFIC PAY_C_LAST_LOCAL

MODIFIES SQL DATA DETERMINISTIC NO EXTERNAL ACTION LANGUAGE SQL

VAR: BEGIN ATOMIC

DECLARE W_NAME CHAR(10) ;
DECLARE D_NAME CHAR(10) ;

DECLARE W_STREET_1 CHAR(20) ;
DECLARE W_STREET_2 CHAR(20) ;
DECLARE W_CITY CHAR(20) ;
DECLARE W_STATE CHAR(2) ;
DECLARE W_ZIP CHAR(9) ;

DECLARE D_STREET_1 CHAR(20) ;
DECLARE D_STREET_2 CHAR(20) ;
DECLARE D_CITY CHAR(20) ;
DECLARE D_STATE CHAR(2) ;
DECLARE D_ZIP CHAR(9) ;

DECLARE C_ID INTEGER ;

DECLARE C_FIRST VARCHAR(16) ;
DECLARE C_MIDDLE CHAR(2) ;
DECLARE C_STREET_1 VARCHAR(20) ;
DECLARE C_STREET_2 VARCHAR(20) ;
DECLARE C_CITY VARCHAR(20) ;
DECLARE C_STATE CHAR(2) ;
DECLARE C_ZIP CHAR(9) ;
DECLARE C_PHONE CHAR(16) ;
DECLARE C_SINCE TIMESTAMP ;
DECLARE C_CREDIT CHAR(2) ;
DECLARE C_CREDIT_LIM DECIMAL(12,2) ;
DECLARE C_DISCOUNT REAL ;
DECLARE C_BALANCE DECIMAL(12,2) ;
DECLARE C_DATA CHAR(200) ;

DECLARE H_DATE TIMESTAMP ;

/* Generate the current date and time for the payment date */
SET H_DATE = CURRENT_TIMESTAMP ;

/* Update District and retrieve its data */

SET ( D_NAME, D_STREET_1, D_STREET_2, D_CITY, D_STATE, D_ZIP)
= ( SELECT D_NAME, D_STREET_1, D_STREET_2, D_CITY,
D_STATE, D_ZIP
FROM OLD TABLE ( UPDATE DISTRICT
SET D_YTD = D_YTD +
PAY_C_LAST_LOCAL.H_AMOUNT
WHERE D_W_ID =
PAY_C_LAST_LOCAL.W_ID
AND D_ID =
PAY_C_LAST_LOCAL.D_ID
) AS U
) ;

/* Update the middle customer matching C_LAST */

```

```

SET ( C_ID, 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, C_DATA )
= ( SELECT C_ID, 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
, CASE WHEN C_CREDIT = 'BC' THEN SUBSTR(C_DATA,
1, 200) ELSE NULL END AS C_DATA
FROM NEW TABLE ( UPDATE CUSTOMER
SET C_BALANCE = C_BALANCE -
C_YTD_PAYMENT =
C_YTD_PAYMENT + PAY_C_LAST_LOCAL.H_AMOUNT
C_PAYMENT_CNT =
C_PAYMENT_CNT + SMALLINT( 1 )
, C_DATA = CASE WHEN C_CREDIT
THEN CHAR(
C_ID ) -- 11 bytes long
||
BAD_CREDIT_PREFIX -- 28 bytes long
||
SUBSTR( C_DATA, 1, 461 ) -- 461 + 39 = 500
ELSE C_DATA
END
WHERE C_W_ID = PAY_C_LAST_LOCAL.W_ID
AND C_D_ID = PAY_C_LAST_LOCAL.D_ID
AND C_ID = ( SELECT C_ID
FROM ( SELECT
COUNT(*) OVER() AS COUNT
,
ROWNUMBER() OVER (ORDER BY C_FIRST) AS NUM
FROM
CUSTOMER
WHERE C_LAST
AND C_W_ID
AND C_D_ID
= PAY_C_LAST_LOCAL.D_ID
) AS T
WHERE NUM = (COUNT
+ BIGINT( 1 ) ) / BIGINT( 2 )
) AS U
) ;

/* Update the warehouse */

SET ( W_NAME, W_STREET_1, W_STREET_2, W_CITY, W_STATE, W_ZIP
)
= ( SELECT W_NAME, W_STREET_1, W_STREET_2, W_CITY, W_STATE,
W_ZIP
FROM OLD TABLE ( UPDATE WAREHOUSE
SET W_YTD = W_YTD +
PAY_C_LAST_LOCAL.H_AMOUNT
WHERE W_ID = PAY_C_LAST_LOCAL.W_ID

```

```

) AS U
) ;

/* Insert into history */

INSERT
INTO HISTORY ( H_C_ID, H_C_D_ID, H_C_W_ID, H_D_ID, H_W_ID,
H_DATA, H_DATE, H_AMOUNT )
VALUES ( VAR.C_ID
, PAY_C_LAST_LOCAL.D_ID
, PAY_C_LAST_LOCAL.W_ID
, PAY_C_LAST_LOCAL.D_ID
, PAY_C_LAST_LOCAL.W_ID
, VAR.W_NAME || CHAR( ' ', 4 ) || VAR.D_NAME
, VAR.H_DATE
, PAY_C_LAST_LOCAL.H_AMOUNT
) ;

/* Done - return the collected data */

RETURN VALUES ( 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_ID, 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, C_DATA, H_DATE
) ;

END
%

CREATE FUNCTION PAY_C_ID_LOCAL( W_ID INTEGER
, D_ID SMALLINT
, C_ID INTEGER
, H_AMOUNT DECIMAL(6,2)
, BAD_CREDIT_PREFIX VARCHAR(34)
)
RETURNS TABLE( W_STREET_1 CHAR(20)
, W_STREET_2 CHAR(20)
, W_CITY CHAR(20)
, W_STATE CHAR(2)
, W_ZIP CHAR(9)
, D_STREET_1 CHAR(20)
, D_STREET_2 CHAR(20)
, D_CITY CHAR(20)
, D_STATE CHAR(2)
, D_ZIP CHAR(9)
, C_LAST VARCHAR(16)
, C_FIRST VARCHAR(16)
, C_MIDDLE CHAR(2)
, C_STREET_1 VARCHAR(20)
, C_STREET_2 VARCHAR(20)
, C_CITY VARCHAR(20)
, C_STATE CHAR(2)
, C_ZIP CHAR(9)
, C_PHONE CHAR(16)
, C_SINCE TIMESTAMP
, C_CREDIT CHAR(2)
, C_CREDIT_LIM DECIMAL(12,2)
, C_DISCOUNT REAL
, C_BALANCE DECIMAL(12,2)
, C_DATA CHAR(200)
, H_DATE TIMESTAMP
)
SPECIFIC PAY_C_ID_LOCAL

```

```
MODIFIES SQL DATA DETERMINISTIC NO EXTERNAL ACTION LANGUAGE SQL
```

```
VAR: BEGIN ATOMIC
```

```
DECLARE W_NAME CHAR(10) ;
DECLARE D_NAME CHAR(10) ;

DECLARE W_STREET_1 CHAR(20) ;
DECLARE W_STREET_2 CHAR(20) ;
DECLARE W_CITY CHAR(20) ;
DECLARE W_STATE CHAR(2) ;
DECLARE W_ZIP CHAR(9) ;

DECLARE D_STREET_1 CHAR(20) ;
DECLARE D_STREET_2 CHAR(20) ;
DECLARE D_CITY CHAR(20) ;
DECLARE D_STATE CHAR(2) ;
DECLARE D_ZIP CHAR(9) ;

DECLARE C_LAST VARCHAR(16) ;

DECLARE C_FIRST VARCHAR(16) ;
DECLARE C_MIDDLE CHAR(2) ;
DECLARE C_STREET_1 VARCHAR(20) ;
DECLARE C_STREET_2 VARCHAR(20) ;
DECLARE C_CITY VARCHAR(20) ;
DECLARE C_STATE CHAR(2) ;
DECLARE C_ZIP CHAR(9) ;
DECLARE C_PHONE CHAR(16) ;
DECLARE C_SINCE TIMESTAMP ;
DECLARE C_CREDIT CHAR(2) ;
DECLARE C_CREDIT_LIM DECIMAL(12,2) ;
DECLARE C_DISCOUNT REAL ;
DECLARE C_BALANCE DECIMAL(12,2) ;
DECLARE C_DATA CHAR(200) ;
DECLARE H_DATE TIMESTAMP ;

/* Generate the current date and time for the payment date */
SET H_DATE = CURRENT_TIMESTAMP ;

/* Update District and retrieve its data */

SET ( D_NAME, D_STREET_1, D_STREET_2, D_CITY, D_STATE, D_ZIP )
= ( SELECT D_NAME, D_STREET_1, D_STREET_2, D_CITY,
D_STATE, D_ZIP
FROM OLD TABLE ( UPDATE DISTRICT
SET D_YTD = D_YTD +
PAY_C_ID_LOCAL.H_AMOUNT
WHERE D_W_ID = PAY_C_ID_LOCAL.W_ID
AND D_ID = PAY_C_ID_LOCAL.D_ID
) AS U
) ;

/* Update the customer matching C_ID */

SET ( C_LAST, 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, C_DATA )
= ( SELECT C_LAST, 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
, CASE WHEN C_CREDIT = 'BC' THEN SUBSTR(C_DATA,
1, 200) ELSE NULL END AS C_DATA
```

```
FROM NEW TABLE ( UPDATE CUSTOMER
SET C_BALANCE = C_BALANCE -
PAY_C_ID_LOCAL.H_AMOUNT
, C_YTD_PAYMENT =
C_YTD_PAYMENT + PAY_C_ID_LOCAL.H_AMOUNT
, C_PAYMENT_CNT =
C_PAYMENT_CNT + SMALLINT( 1 )
, C_DATA = CASE WHEN C_CREDIT
= 'BC'
THEN
BAD_CREDIT_PREFIX -- 34 bytes long
||
SUBSTR( C_DATA, 1, 466 ) -- 466 + 34 = 500 bytes
ELSE C_DATA
END
WHERE C_W_ID = PAY_C_ID_LOCAL.W_ID
AND C_D_ID = PAY_C_ID_LOCAL.D_ID
AND C_ID = PAY_C_ID_LOCAL.C_ID
) AS U
) ;

/* Update the warehouse */

SET ( W_NAME, W_STREET_1, W_STREET_2, W_CITY, W_STATE, W_ZIP
)
= ( SELECT W_NAME, W_STREET_1, W_STREET_2, W_CITY, W_STATE,
W_ZIP
FROM OLD TABLE ( UPDATE WAREHOUSE
SET W_YTD = W_YTD +
PAY_C_ID_LOCAL.H_AMOUNT
WHERE W_ID = PAY_C_ID_LOCAL.W_ID
) AS U
) ;

/* Insert into history */

INSERT
INTO HISTORY ( H_C_ID, H_C_D_ID, H_C_W_ID, H_D_ID, H_W_ID,
H_DATA, H_DATE, H_AMOUNT )
VALUES ( PAY_C_ID_LOCAL.C_ID
, PAY_C_ID_LOCAL.D_ID
, PAY_C_ID_LOCAL.W_ID
, PAY_C_ID_LOCAL.D_ID
, PAY_C_ID_LOCAL.W_ID
, VAR.W_NAME || CHAR( ' ', 4 ) || VAR.D_NAME
, VAR.H_DATE
, PAY_C_ID_LOCAL.H_AMOUNT
) ;

/* Done - return the collected data */

RETURN VALUES ( 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_LAST, 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, C_DATA, H_DATE
) ;
```

```
END
%
--
-- PAYMENT (REMOTE)
--

CREATE FUNCTION PAY_C_LAST_REMOTE( W_ID INTEGER
, D_ID SMALLINT
, C_W_ID INTEGER
, C_D_ID SMALLINT
, C_LAST VARCHAR(16)
, H_AMOUNT DECIMAL(6,2)
, BAD_CREDIT_PREFIX
VARCHAR(28)
)
RETURNS TABLE( W_STREET_1 CHAR(20)
, W_STREET_2 CHAR(20)
, W_CITY CHAR(20)
, W_STATE CHAR(2)
, W_ZIP CHAR(9)
, D_STREET_1 CHAR(20)
, D_STREET_2 CHAR(20)
, D_CITY CHAR(20)
, D_STATE CHAR(2)
, D_ZIP CHAR(9)
, C_ID INTEGER
, C_FIRST VARCHAR(16)
, C_MIDDLE CHAR(2)
, C_STREET_1 VARCHAR(20)
, C_STREET_2 VARCHAR(20)
, C_CITY VARCHAR(20)
, C_STATE CHAR(2)
, C_ZIP CHAR(9)
, C_PHONE CHAR(16)
, C_SINCE TIMESTAMP
, C_CREDIT CHAR(2)
, C_CREDIT_LIM DECIMAL(12,2)
, C_DISCOUNT REAL
, C_BALANCE DECIMAL(12,2)
, C_DATA CHAR(200)
, H_DATE TIMESTAMP
)

SPECIFIC PAY_C_LAST_REMOTE
MODIFIES SQL DATA DETERMINISTIC NO EXTERNAL ACTION LANGUAGE SQL

VAR: BEGIN ATOMIC

DECLARE W_NAME CHAR(10) ;
DECLARE D_NAME CHAR(10) ;

DECLARE W_STREET_1 CHAR(20) ;
DECLARE W_STREET_2 CHAR(20) ;
DECLARE W_CITY CHAR(20) ;
DECLARE W_STATE CHAR(2) ;
DECLARE W_ZIP CHAR(9) ;

DECLARE D_STREET_1 CHAR(20) ;
DECLARE D_STREET_2 CHAR(20) ;
DECLARE D_CITY CHAR(20) ;
DECLARE D_STATE CHAR(2) ;
DECLARE D_ZIP CHAR(9) ;

DECLARE C_ID INTEGER ;

DECLARE C_FIRST VARCHAR(16) ;
DECLARE C_MIDDLE CHAR(2) ;
DECLARE C_STREET_1 VARCHAR(20) ;
DECLARE C_STREET_2 VARCHAR(20) ;
DECLARE C_CITY VARCHAR(20) ;
```



```

DECLARE C_STATE CHAR(2) ;
DECLARE C_ZIP CHAR(9) ;
DECLARE C_PHONE CHAR(16) ;
DECLARE C_SINCE TIMESTAMP ;
DECLARE C_CREDIT CHAR(2) ;
DECLARE C_CREDIT_LIM DECIMAL(12,2) ;
DECLARE C_DISCOUNT REAL ;
DECLARE C_BALANCE DECIMAL(12,2) ;
DECLARE C_DATA CHAR(200) ;

DECLARE H_DATE TIMESTAMP ;

/* Generate the current date and time for the payment date */
SET H_DATE = CURRENT_TIMESTAMP ;

/* Update District and retrieve its data */
SET ( D_NAME, D_STREET_1, D_STREET_2, D_CITY, D_STATE, D_ZIP)
= ( SELECT D_NAME, D_STREET_1, D_STREET_2, D_CITY,
D_STATE, D_ZIP
FROM OLD TABLE ( UPDATE DISTRICT
SET D_YTD = D_YTD +
PAY_C_LAST_REMOTE.H_AMOUNT
WHERE D_W_ID =
PAY_C_LAST_REMOTE.W_ID
AND D_ID =
PAY_C_LAST_REMOTE.D_ID
) AS U
) ;

/* Update the middle customer matching C_LAST */
SET ( C_ID, 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, C_DATA )
= ( SELECT C_ID, 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
, CASE WHEN C_CREDIT = 'BC' THEN SUBSTR(C_DATA,
1, 200) ELSE NULL END AS C_DATA
FROM NEW TABLE ( UPDATE CUSTOMER
SET C_BALANCE = C_BALANCE -
PAY_C_LAST_REMOTE.H_AMOUNT
, C_YTD_PAYMENT =
C_YTD_PAYMENT + PAY_C_LAST_REMOTE.H_AMOUNT
, C_PAYMENT_CNT =
C_PAYMENT_CNT + SMALLINT( 1 )
, C_DATA = CASE WHEN C_CREDIT
= 'BC'
THEN CHAR(
C_ID ) -- 11 bytes long
||
BAD_CREDIT_PREFIX -- 28 bytes long
||
SUBSTR( C_DATA, 1, 461 ) -- 461 + 39 = 500
ELSE C_DATA
END
WHERE C_W_ID =
PAY_C_LAST_REMOTE.C_W_ID
AND C_D_ID =
PAY_C_LAST_REMOTE.C_D_ID
AND C_ID = ( SELECT C_ID

```

```

FROM ( SELECT
C_ID
COUNT(*) OVER() AS COUNT
ROWNUMBER() OVER (ORDER BY C_FIRST) AS NUM
CUSTOMER
= PAY_C_LAST_REMOTE.C_LAST
= PAY_C_LAST_REMOTE.C_W_ID
= PAY_C_LAST_REMOTE.C_D_ID
) AS T
WHERE NUM = (COUNT
+ BIGINT( 1 ) ) / BIGINT( 2 )
) AS U
) ;

/* Update the warehouse */
SET ( W_NAME, W_STREET_1, W_STREET_2, W_CITY, W_STATE, W_ZIP
)
= ( SELECT W_NAME, W_STREET_1, W_STREET_2, W_CITY, W_STATE,
W_ZIP
FROM OLD TABLE ( UPDATE WAREHOUSE
SET W_YTD = W_YTD +
PAY_C_LAST_REMOTE.H_AMOUNT
WHERE W_ID = PAY_C_LAST_REMOTE.W_ID
) AS U
) ;

/* Insert into history */
INSERT
INTO HISTORY ( H_C_ID, H_C_D_ID, H_C_W_ID, H_D_ID, H_W_ID,
H_DATA, H_DATE, H_AMOUNT )
VALUES ( VAR.C_ID
, PAY_C_LAST_REMOTE.C_D_ID
, PAY_C_LAST_REMOTE.C_W_ID
, PAY_C_LAST_REMOTE.D_ID
, PAY_C_LAST_REMOTE.W_ID
, VAR.W_NAME || CHAR( ' ', 4 ) || VAR.D_NAME
, VAR.H_DATE
, PAY_C_LAST_REMOTE.H_AMOUNT
) ;

/* Done - return the collected data */
RETURN VALUES ( 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_ID, 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, C_DATA, H_DATE
) ;

```

```

END
%
CREATE FUNCTION PAY_C_ID_REMOTE( W_ID INTEGER
, D_ID SMALLINT
, C_W_ID INTEGER
, C_D_ID SMALLINT
, C_ID INTEGER
, H_AMOUNT DECIMAL(6,2)
, BAD_CREDIT_PREFIX VARCHAR(34)
)
RETURNS TABLE( W_STREET_1 CHAR(20)
, W_STREET_2 CHAR(20)
, W_CITY CHAR(20)
, W_STATE CHAR(2)
, W_ZIP CHAR(9)
, D_STREET_1 CHAR(20)
, D_STREET_2 CHAR(20)
, D_CITY CHAR(20)
, D_STATE CHAR(2)
, D_ZIP CHAR(9)
, C_LAST VARCHAR(16)
, C_FIRST VARCHAR(16)
, C_MIDDLE CHAR(2)
, C_STREET_1 VARCHAR(20)
, C_STREET_2 VARCHAR(20)
, C_CITY VARCHAR(20)
, C_STATE CHAR(2)
, C_ZIP CHAR(9)
, C_PHONE CHAR(16)
, C_SINCE TIMESTAMP
, C_CREDIT CHAR(2)
, C_CREDIT_LIM DECIMAL(12,2)
, C_DISCOUNT REAL
, C_BALANCE DECIMAL(12,2)
, C_DATA CHAR(200)
, H_DATE TIMESTAMP
)
SPECIFIC PAY_C_ID_REMOTE
MODIFIES SQL DATA DETERMINISTIC NO EXTERNAL ACTION LANGUAGE SQL
VAR: BEGIN ATOMIC
DECLARE W_NAME CHAR(10) ;
DECLARE D_NAME CHAR(10) ;

DECLARE W_STREET_1 CHAR(20) ;
DECLARE W_STREET_2 CHAR(20) ;
DECLARE W_CITY CHAR(20) ;
DECLARE W_STATE CHAR(2) ;
DECLARE W_ZIP CHAR(9) ;

DECLARE D_STREET_1 CHAR(20) ;
DECLARE D_STREET_2 CHAR(20) ;
DECLARE D_CITY CHAR(20) ;
DECLARE D_STATE CHAR(2) ;
DECLARE D_ZIP CHAR(9) ;

DECLARE C_LAST VARCHAR(16) ;

DECLARE C_FIRST VARCHAR(16) ;
DECLARE C_MIDDLE CHAR(2) ;
DECLARE C_STREET_1 VARCHAR(20) ;
DECLARE C_STREET_2 VARCHAR(20) ;
DECLARE C_CITY VARCHAR(20) ;
DECLARE C_STATE CHAR(2) ;
DECLARE C_ZIP CHAR(9) ;
DECLARE C_PHONE CHAR(16) ;
DECLARE C_SINCE TIMESTAMP ;
DECLARE C_CREDIT CHAR(2) ;
DECLARE C_CREDIT_LIM DECIMAL(12,2) ;
DECLARE C_DISCOUNT REAL ;

```

```

DECLARE C_BALANCE DECIMAL(12,2) ;
DECLARE C_DATA CHAR(200) ;
DECLARE H_DATE TIMESTAMP;

/* Generate the current date and time for the payment date */
SET H_DATE = CURRENT TIMESTAMP;

/* Update District and retrieve its data */

SET ( D_NAME, D_STREET_1, D_STREET_2, D_CITY, D_STATE, D_ZIP )
= ( SELECT D_NAME, D_STREET_1, D_STREET_2, D_CITY,
D_STATE, D_ZIP
FROM OLD TABLE ( UPDATE DISTRICT
SET D_YTD = D_YTD +
PAY_C_ID_REMOTE.H_AMOUNT
WHERE D_W_ID = PAY_C_ID_REMOTE.W_ID
AND D_ID = PAY_C_ID_REMOTE.D_ID
) AS U
);

/* Update the customer matching C_ID */

SET ( C_LAST, 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, C_DATA )
= ( SELECT C_LAST, 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
, CASE WHEN C_CREDIT = 'BC' THEN SUBSTR(C_DATA,
1, 200) ELSE NULL END AS C_DATA
FROM NEW TABLE ( UPDATE CUSTOMER
SET C_BALANCE = C_BALANCE -
PAY_C_ID_REMOTE.H_AMOUNT
, C_YTD_PAYMENT =
C_YTD_PAYMENT + PAY_C_ID_REMOTE.H_AMOUNT
, C_PAYMENT_CNT =
C_PAYMENT_CNT + SMALLINT( 1 )
, C_DATA = CASE WHEN C_CREDIT
= 'BC'
THEN
BAD_CREDIT_PREFIX -- 34 bytes long
||
SUBSTR( C_DATA, 1, 466 ) -- 466 + 34 = 500 bytes
ELSE C_DATA
END
WHERE C_W_ID =
PAY_C_ID_REMOTE.C_W_ID
AND C_D_ID =
PAY_C_ID_REMOTE.C_D_ID
AND C_ID = PAY_C_ID_REMOTE.C_ID
) AS U
);

/* Update the warehouse */

SET ( W_NAME, W_STREET_1, W_STREET_2, W_CITY, W_STATE, W_ZIP )
= ( SELECT W_NAME, W_STREET_1, W_STREET_2, W_CITY, W_STATE,
W_ZIP

```

```

FROM OLD TABLE ( UPDATE WAREHOUSE
SET W_YTD = W_YTD +
PAY_C_ID_REMOTE.H_AMOUNT
WHERE W_ID = PAY_C_ID_REMOTE.W_ID
) AS U
);

/* Insert into history */
INSERT
INTO HISTORY ( H_C_ID, H_C_D_ID, H_C_W_ID, H_D_ID, H_W_ID,
H_DATA, H_DATE, H_AMOUNT )
VALUES ( PAY_C_ID_REMOTE.C_ID
, PAY_C_ID_REMOTE.C_D_ID
, PAY_C_ID_REMOTE.C_W_ID
, PAY_C_ID_REMOTE.D_ID
, PAY_C_ID_REMOTE.W_ID
, VAR.W_NAME || CHAR( ' ', 4 ) || VAR.D_NAME
, VAR.H_DATE
, PAY_C_ID_REMOTE.H_AMOUNT
);

/* Done - return the collected data */
RETURN VALUES ( 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_LAST, 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, C_DATA, H_DATE
);

CREATE FUNCTION NEW_OL_ALL( I_ID INT
, I_QTY SMALLINT
, W_ID INT
, SUPP_W_ID INT
, O_ID INT
, D_ID SMALLINT
)
RETURNS TABLE( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, OL_DIST_INFO CHAR(24)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT
)
SPECIFIC NEW_OL_ALL
MODIFIES SQL DATA DETERMINISTIC NO EXTERNAL ACTION LANGUAGE SQL
VAR: BEGIN ATOMIC
DECLARE I_PRICE DECIMAL(5,2) ;
DECLARE I_NAME CHAR(24) ;

```

```

DECLARE I_DATA VARCHAR(50) ;
DECLARE OL_DIST_INFO CHAR(24) ;
DECLARE S_DATA VARCHAR(50) ;
DECLARE S_QUANTITY SMALLINT ;

SET ( I_PRICE , I_NAME , I_DATA )
= ( SELECT I_PRICE
, I_NAME
, I_DATA
FROM ITEM
WHERE ITEM.I_ID = NEW_OL_ALL.I_ID
);

SET ( OL_DIST_INFO , S_DATA , S_QUANTITY )
= ( SELECT OL_DIST_INFO
, S_DATA
, S_QUANTITY
FROM NEW TABLE ( UPDATE STOCK
INCLUDE ( OL_DIST_INFO CHAR( 24
) )
SET S_QUANTITY = CASE WHEN
S_QUANTITY - NEW_OL_ALL.I_QTY >= 10
THEN
S_QUANTITY - NEW_OL_ALL.I_QTY
ELSE
S_QUANTITY - NEW_OL_ALL.I_QTY + 91
END
,
S_ORDER_CNT = S_ORDER_CNT + SMALLINT( 1 )
, S_YTD =
S_YTD + NEW_OL_ALL.I_QTY
,
S_REMOTE_CNT = CASE WHEN NEW_OL_ALL.SUPP_W_ID = NEW_OL_ALL.W_ID
THEN S_REMOTE_CNT
ELSE S_REMOTE_CNT + SMALLINT( 1 )
END
OL_DIST_INFO = CASE D_ID WHEN SMALLINT( 1 ) THEN S_DIST_01
WHEN SMALLINT( 2 ) THEN S_DIST_02
WHEN SMALLINT( 3 ) THEN S_DIST_03
WHEN SMALLINT( 4 ) THEN S_DIST_04
WHEN SMALLINT( 5 ) THEN S_DIST_05
WHEN SMALLINT( 6 ) THEN S_DIST_06
WHEN SMALLINT( 7 ) THEN S_DIST_07
WHEN SMALLINT( 8 ) THEN S_DIST_08
WHEN SMALLINT( 9 ) THEN S_DIST_09
WHEN SMALLINT( 10 ) THEN S_DIST_10
END

```

```

WHERE S_I_ID = NEW_OL_ALL.I_ID
AND S_W_ID =
NEW_OL_ALL.SUPP_W_ID
) AS U
)
;
RETURN VALUES( VAR.I_PRICE
, VAR.I_NAME
, VAR.I_DATA
, VAR.OL_DIST_INFO
, VAR.S_DATA
, VAR.S_QUANTITY
)
;
END
%
CREATE FUNCTION NEW_OL_LOCAL( I_ID INT
, I_QTY SMALLINT
, W_ID INT
, O_ID INT
, D_ID SMALLINT
)
RETURNS TABLE( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, OL_DIST_INFO CHAR(24)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT
)
SPECIFIC NEW_OL_LOCAL
MODIFIES SQL DATA DETERMINISTIC NO EXTERNAL ACTION LANGUAGE SQL
VAR: BEGIN ATOMIC
DECLARE I_PRICE DECIMAL(5,2) ;
DECLARE I_NAME CHAR(24) ;
DECLARE I_DATA VARCHAR(50) ;
DECLARE OL_DIST_INFO CHAR(24) ;
DECLARE S_DATA VARCHAR(50) ;
DECLARE S_QUANTITY SMALLINT ;
SET ( I_PRICE , I_NAME , I_DATA )
= ( SELECT
I_PRICE
, I_NAME
, I_DATA
FROM ITEM
WHERE ITEM.I_ID = NEW_OL_LOCAL.I_ID
) ;
SET ( OL_DIST_INFO , S_DATA , S_QUANTITY )
= ( SELECT OL_DIST_INFO
, S_DATA
, S_QUANTITY
FROM NEW TABLE ( UPDATE STOCK
INCLUDE ( OL_DIST_INFO CHAR( 24
) )
SET S_QUANTITY = CASE WHEN
S_QUANTITY - NEW_OL_LOCAL.I_QTY >= 10

```

```

THEN
S_QUANTITY - NEW_OL_LOCAL.I_QTY
ELSE
S_QUANTITY - NEW_OL_LOCAL.I_QTY + 91
END
, S_YTD =
S_ORDER_CNT = S_ORDER_CNT + SMALLINT( 1 )
, S_YTD =
S_YTD + NEW_OL_LOCAL.I_QTY
,
OL_DIST_INFO = CASE D_ID WHEN SMALLINT( 1 ) THEN S_DIST_01
WHEN SMALLINT( 2 ) THEN S_DIST_02
WHEN SMALLINT( 3 ) THEN S_DIST_03
WHEN SMALLINT( 4 ) THEN S_DIST_04
WHEN SMALLINT( 5 ) THEN S_DIST_05
WHEN SMALLINT( 6 ) THEN S_DIST_06
WHEN SMALLINT( 7 ) THEN S_DIST_07
WHEN SMALLINT( 8 ) THEN S_DIST_08
WHEN SMALLINT( 9 ) THEN S_DIST_09
WHEN SMALLINT( 10 ) THEN S_DIST_10
END
WHERE S_I_ID =
NEW_OL_LOCAL.I_ID
AND S_W_ID =
NEW_OL_LOCAL.W_ID
) AS U
)
;
RETURN VALUES( VAR.I_PRICE
, VAR.I_NAME
, VAR.I_DATA
, VAR.OL_DIST_INFO
, VAR.S_DATA
, VAR.S_QUANTITY
)
;
END
%
CREATE FUNCTION NEW_WH ( O_ID INTEGER
, W_ID INTEGER
, D_ID SMALLINT
, C_ID INTEGER
, O_OL_CNT SMALLINT
, O_ALL_LOCAL SMALLINT
)
RETURNS TABLE ( W_TAX REAL
, C_DISCOUNT REAL
, C_LAST VARCHAR(16)
, C_CREDIT CHAR(2)
, O_ENTRY_D TIMESTAMP
)
SPECIFIC NEW_WH
MODIFIES SQL DATA DETERMINISTIC NO EXTERNAL ACTION LANGUAGE SQL
VAR: BEGIN ATOMIC

```

```

DECLARE C_DISCOUNT REAL ;
DECLARE C_LAST VARCHAR(16) ;
DECLARE C_CREDIT CHAR(2) ;
DECLARE W_TAX REAL ;
DECLARE O_ENTRY_D TIMESTAMP ;
SET O_ENTRY_D = CURRENT TIMESTAMP ;
INSERT
INTO NEW_ORDER ( NO_O_ID, NO_D_ID, NO_W_ID )
VALUES ( O_ID
, D_ID
, W_ID
)
;
INSERT
INTO ORDERS ( O_C_ID, O_ENTRY_D, O_CARRIER_ID, O_OL_CNT,
O_ALL_LOCAL, O_ID, O_W_ID, O_D_ID )
VALUES ( C_ID
, O_ENTRY_D
, 0
, O_OL_CNT
, O_ALL_LOCAL
, O_ID
, W_ID
, D_ID
)
;
SET ( C_DISCOUNT, C_LAST, C_CREDIT )
= ( SELECT C_DISCOUNT, C_LAST, C_CREDIT
FROM CUSTOMER
WHERE C_ID = NEW_WH.C_ID
AND C_W_ID = W_ID
AND C_D_ID = D_ID
)
;
SET W_TAX
= ( SELECT W_TAX
FROM WAREHOUSE
WHERE W_ID = NEW_WH.W_ID
)
;
RETURN VALUES ( W_TAX , C_DISCOUNT , C_LAST , C_CREDIT ,
O_ENTRY_D ) ;
END
%
Src.Srv/cat-proc.ddl
CREATE PROCEDURE news
(in new_in varchar(262) FOR BIT DATA,
out new_out varchar(682) FOR BIT DATA)
LANGUAGE C
PARAMETER STYLE GENERAL

```

```

EXTERNAL NAME
'/home/tpcc/sql/lib/function/news!news'
not fenced;

CREATE PROCEDURE ords
(in ord_in varchar(42) FOR BIT DATA,
 out ord_out varchar(822) FOR BIT DATA)
LANGUAGE C
PARAMETER STYLE GENERAL
EXTERNAL NAME
'/home/tpcc/sql/lib/function/ords!ords'
not fenced;

CREATE PROCEDURE dels
(in del_in varchar(14) FOR BIT DATA,
 out del_out varchar(50) FOR BIT DATA)
LANGUAGE C
PARAMETER STYLE GENERAL
EXTERNAL NAME
'/home/tpcc/sql/lib/function/dels!dels'
not fenced;

```

Src.Srv/dels.exp

```

#! Export file
dels

```

Src.Srv/news.exp

```

#! Export file
news

```

Src.Srv/ords.exp

```

#! Export file
ords

```

Src.Srv/tpcc_all_sql.sq

```

/*****
*****
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*****/
/*
 * tpcc_all_sql.sq - Client/Server code for TPCC
 */

#include <stdlib.h>
#include <errno.h>
#include "db2tpcc.h"
#include "tpccapp.h"

```

```

#include "tpccdbg.h"

#include "sqlca.h"
#include "sql.h"

// -----
// New Order SERVER
// -----

int static is_ORIGINAL( char *string, short length ) ;

SQL_API_RC new_order_internal( char *pin, char *pout )
{
    struct out_neword_struct *neword;
    struct in_neword_struct *in_neword;
    struct sqlca sqlca ;

    int fbadItemDetected = 0 ;

EXEC SQL BEGIN DECLARE SECTION;

    char c_last [ 16 ] ;
    char c_credit [ 2 ] ;
    float c_discount ;
    float dist_tax ;
    float ware_tax ;

    sqlint32 w_id ;
    short d_id ;
    sqlint32 c_id ;

    sqlint32 next_o_id ;

    short s_quantity ;

    sqlint32 supply_w_id ;

    short inputItemCount ;

    char stockDistrictInformation [ 24 ] ;
    char item_name[ 24 ] ;

    char o_entry_d [27];

    short allLocal ;

    float item_price ;

    struct i_data_type { short len ; char data[ 50 ] ; }
i_data ;
    struct s_data_type { short len ; char data[ 50 ] ; }
s_data ;

    sqlint32 id0, id1, id2, id3, id4, id5, id6, id7;
    sqlint32 id8, id9, id10, id11, id12, id13, id14;

    sqlint32 supply_w_id3;
    sqlint32 supply_w_id4, supply_w_id5, supply_w_id6,
supply_w_id7;
    sqlint32 supply_w_id8, supply_w_id9, supply_w_id10,
supply_w_id11;
    sqlint32 supply_w_id12, supply_w_id13, supply_w_id14;

    short ol_quantity0, ol_quantity1, ol_quantity2,
ol_quantity3;
    short ol_quantity4, ol_quantity5, ol_quantity6,
ol_quantity7;

```

```

short ol_quantity8, ol_quantity9, ol_quantity10,
ol_quantity11;
short ol_quantity12, ol_quantity13, ol_quantity14;

EXEC SQL END DECLARE SECTION;

int storedProcRc ;
int inputItemArrayIndex ;

char stockDistrictInformationArray [15][25];

#define stockDistrictInformation
stockDistrictInformationArray[ inputItemArrayIndex ]

// Redirected input fields

#define w_id in_neword->s_W_ID
#define d_id in_neword->s_D_ID
#define c_id in_neword->s_C_ID

#define inputItemCount in_neword->s_O_OL_CNT

#define allLocal in_neword->s_all_local

// Redirected output fields

#define c_last neword->s_C_LAST
#define c_credit neword->s_C_CREDIT
#define c_discount neword->s_C_DISCOUNT
#define ware_tax neword->s_W_TAX
#define dist_tax neword->s_D_TAX
#define s_quantity neword->item[ inputItemArrayIndex
].s_S_QUANTITY
#define o_entry_d neword->s_O_ENTRY_D_time

// This output field becomes an input field to order_line

#define next_o_id neword->s_O_ID

// item price/name

#define item_name neword->item[ inputItemArrayIndex
].s_I_NAME

float i_priceArray[ 15 ] ;

#define item_price i_priceArray[ inputItemArrayIndex ]

// Handle the generic/brand distinction

struct i_data_type i_dataArray[ 15 ] ;
struct s_data_type s_dataArray[ 15 ] ;

#define i_data i_dataArray[ inputItemArrayIndex ]
#define s_data s_dataArray[ inputItemArrayIndex ]

// Redirect hostvars to input structure

#define id0 in_neword->in_item[0].s_OL_I_ID
#define id1 in_neword->in_item[1].s_OL_I_ID
#define id2 in_neword->in_item[2].s_OL_I_ID
#define id3 in_neword->in_item[3].s_OL_I_ID
#define id4 in_neword->in_item[4].s_OL_I_ID
#define id5 in_neword->in_item[5].s_OL_I_ID
#define id6 in_neword->in_item[6].s_OL_I_ID
#define id7 in_neword->in_item[7].s_OL_I_ID
#define id8 in_neword->in_item[8].s_OL_I_ID
#define id9 in_neword->in_item[9].s_OL_I_ID
#define id10 in_neword->in_item[10].s_OL_I_ID
#define id11 in_neword->in_item[11].s_OL_I_ID
#define id12 in_neword->in_item[12].s_OL_I_ID
#define id13 in_neword->in_item[13].s_OL_I_ID
#define id14 in_neword->in_item[14].s_OL_I_ID

```

```

#define ol_quantity0 in_neword->in_item[ 0 ].s_OL_QUANTITY
#define ol_quantity1 in_neword->in_item[ 1 ].s_OL_QUANTITY
#define ol_quantity2 in_neword->in_item[ 2 ].s_OL_QUANTITY
#define ol_quantity3 in_neword->in_item[ 3 ].s_OL_QUANTITY
#define ol_quantity4 in_neword->in_item[ 4 ].s_OL_QUANTITY
#define ol_quantity5 in_neword->in_item[ 5 ].s_OL_QUANTITY
#define ol_quantity6 in_neword->in_item[ 6 ].s_OL_QUANTITY
#define ol_quantity7 in_neword->in_item[ 7 ].s_OL_QUANTITY
#define ol_quantity8 in_neword->in_item[ 8 ].s_OL_QUANTITY
#define ol_quantity9 in_neword->in_item[ 9 ].s_OL_QUANTITY
#define ol_quantity10 in_neword->in_item[ 10 ].s_OL_QUANTITY
#define ol_quantity11 in_neword->in_item[ 11 ].s_OL_QUANTITY
#define ol_quantity12 in_neword->in_item[ 12 ].s_OL_QUANTITY
#define ol_quantity13 in_neword->in_item[ 13 ].s_OL_QUANTITY
#define ol_quantity14 in_neword->in_item[ 14 ].s_OL_QUANTITY

#define supply_w_id0 in_neword->in_item[ 0
].s_OL_SUPPLY_W_ID
#define supply_w_id1 in_neword->in_item[ 1
].s_OL_SUPPLY_W_ID
#define supply_w_id2 in_neword->in_item[ 2
].s_OL_SUPPLY_W_ID
#define supply_w_id3 in_neword->in_item[ 3
].s_OL_SUPPLY_W_ID
#define supply_w_id4 in_neword->in_item[ 4
].s_OL_SUPPLY_W_ID
#define supply_w_id5 in_neword->in_item[ 5
].s_OL_SUPPLY_W_ID
#define supply_w_id6 in_neword->in_item[ 6
].s_OL_SUPPLY_W_ID
#define supply_w_id7 in_neword->in_item[ 7
].s_OL_SUPPLY_W_ID
#define supply_w_id8 in_neword->in_item[ 8
].s_OL_SUPPLY_W_ID
#define supply_w_id9 in_neword->in_item[ 9
].s_OL_SUPPLY_W_ID
#define supply_w_id10 in_neword->in_item[ 10
].s_OL_SUPPLY_W_ID
#define supply_w_id11 in_neword->in_item[ 11
].s_OL_SUPPLY_W_ID
#define supply_w_id12 in_neword->in_item[ 12
].s_OL_SUPPLY_W_ID
#define supply_w_id13 in_neword->in_item[ 13
].s_OL_SUPPLY_W_ID
#define supply_w_id14 in_neword->in_item[ 14
].s_OL_SUPPLY_W_ID

EXEC SQL DECLARE ISOL_Rem_Remote_5 CURSOR FOR

WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS

OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,

S_QUANTITY

FROM ( SELECT :next_o_id as

, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, I_QTY

FROM Table( VALUES

```

```

SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 ) (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 ) , (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 ) , (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 ) , (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )

) AS X (
OL_NUMBER , I_ID , I_QTY
, I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
<> :w_id

) AS ITEMLIST
, TABLE( NEW_OL_ALL( I_ID
, W_ID
, O_ID
, D_ID
) AS NEW_OL_ALL
WHERE NEW_OL_ALL.I_PRICE IS
NOT NULL
)

SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY

FROM NEW TABLE ( INSERT INTO ORDER_LINE

( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)

INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT)

SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,

I_DATA, S_DATA, S_QUANTITY

FROM DATA

( OL_O_ID
, OL_D_ID

```

```

) AS INS
;
EXEC SQL DECLARE ISOL_Rem_Remote_6 CURSOR FOR

WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS

OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,

S_QUANTITY

FROM ( SELECT :next_o_id as

O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, I_QTY

FROM Table( VALUES

(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 ) (
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 ) , (
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 ) , (
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 ) , (
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 ) , (
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 ) )

) AS X (
OL_NUMBER , I_ID , I_QTY
, I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
<> :w_id

) AS ITEMLIST
, TABLE( NEW_OL_ALL( I_ID
, W_ID
, O_ID
, D_ID
) AS NEW_OL_ALL
WHERE NEW_OL_ALL.I_PRICE IS
NOT NULL
)

SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY

FROM NEW TABLE ( INSERT INTO ORDER_LINE

( OL_O_ID
, OL_D_ID

```

```

, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )

SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY

FROM DATA
) AS INS
;
EXEC SQL DECLARE ISOL_Rem_Remote_7 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY

FROM ( SELECT :next_o_id as
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, I_QTY
FROM Table( VALUES
(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
)
) AS X (
WHERE X.I_SUPPLY_W_ID
<> :w_id
) AS ITEMLIST
, TABLE( NEW_OL_ALL( I_ID
, W_ID
, O_ID
, D_ID
) AS NEW_OL_ALL
WHERE NEW_OL_ALL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )

SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
;
EXEC SQL DECLARE ISOL_Rem_Remote_8 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER

```

```

, (
SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
) AS X (
OL_NUMBER , I_ID , I_QTY
, I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
<> :w_id
) AS ITEMLIST
, TABLE( NEW_OL_ALL( I_ID
, W_ID
, O_ID
, D_ID
) AS NEW_OL_ALL
WHERE NEW_OL_ALL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )

SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
;
EXEC SQL DECLARE ISOL_Rem_Remote_8 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER

```

```

, I_ID
, I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, I_QTY
FROM Table( VALUES
(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
, (
SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
, (
SMALLINT( 8 ) , :id7 , :ol_quantity7 , :supply_w_id7 )
) AS X (
OL_NUMBER , I_ID , I_QTY
, I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
<> :w_id
) AS ITEMLIST
, TABLE( NEW_OL_ALL( I_ID
, W_ID
, O_ID
, D_ID
) AS NEW_OL_ALL
WHERE NEW_OL_ALL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D

```

```

, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
;
EXEC SQL DECLARE ISOL_Rem_Remote_9 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, I_QTY
FROM Table( VALUES
(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
, (
SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
, (
SMALLINT( 8 ) , :id7 , :ol_quantity7 , :supply_w_id7 )
, (
SMALLINT( 9 ) , :id8 , :ol_quantity8 , :supply_w_id8 )
)
) AS X (
OL_NUMBER , I_ID , I_QTY
, I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
<> :w_id
) AS ITEMLIST
, TABLE( NEW_OL_ALL( I_ID
,
, W_ID
,
, O_ID
, D_ID
) AS NEW_OL_ALL
WHERE NEW_OL_ALL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
;
EXEC SQL DECLARE ISOL_Rem_Remote_10 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID

```

```

) AS X (
OL_NUMBER , I_ID , I_QTY
, I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
<> :w_id
) AS ITEMLIST
, TABLE( NEW_OL_ALL( I_ID
,
, W_ID
,
, O_ID
, D_ID
) AS NEW_OL_ALL
WHERE NEW_OL_ALL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
;
EXEC SQL DECLARE ISOL_Rem_Remote_10 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID

```

```

, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, I_QTY
FROM Table( VALUES
(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
, (
SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
, (
SMALLINT( 8 ) , :id7 , :ol_quantity7 , :supply_w_id7 )
, (
SMALLINT( 9 ) , :id8 , :ol_quantity8 , :supply_w_id8 )
, (
SMALLINT( 10 ) , :id9 , :ol_quantity9 , :supply_w_id9 )
)
) AS X (
OL_NUMBER , I_ID , I_QTY
, I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
<> :w_id
) AS ITEMLIST
, TABLE( NEW_OL_ALL( I_ID
,
, W_ID
,
, O_ID
, D_ID
) AS NEW_OL_ALL
WHERE NEW_OL_ALL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID

```

```

        , OL_SUPPLY_W_ID
        , OL_DELIVERY_D
        , OL_QUANTITY
        , OL_AMOUNT
        , OL_DIST_INFO
    )

    INCLUDE ( I_PRICE DECIMAL(5,2)
            , I_NAME CHAR(24)
            , I_DATA VARCHAR(50)
            , S_DATA VARCHAR(50)
            , S_QUANTITY SMALLINT )

    SELECT O_ID
           , D_ID
           , W_ID
           , OL_NUMBER
           , I_ID
           , I_SUPPLY_W_ID
           , OL_DELIVERY_D
           , I_QTY
           , TOTAL_PRICE
           , OL_DIST_INFO
           , I_PRICE, I_NAME,
    I_DATA, S_DATA, S_QUANTITY

    FROM DATA

    ) AS INS
;

EXEC SQL DECLARE ISOL_Rem_Remote_11 CURSOR FOR

    WITH DATA AS ( SELECT O_ID
                       , D_ID
                       , W_ID
                       , OL_NUMBER
                       , I_ID
                       , I_SUPPLY_W_ID
                       , (TIMESTAMP('0001-01-01 00:00:00')) AS
    OL_DELIVERY_D
                       , I_QTY
                       , ( I_PRICE * I_QTY ) AS TOTAL_PRICE
                       , OL_DIST_INFO
                       , I_PRICE, I_NAME, I_DATA, S_DATA,
    S_QUANTITY

    FROM ( SELECT :next_o_id as
    O_ID
           , :w_id AS W_ID
           , :d_id as D_ID
           , OL_NUMBER
           , I_ID
           , I_SUPPLY_W_ID
           , I_QTY

    FROM Table( VALUES

    (
    SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
    , (
    SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
    , (
    SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
    , (
    SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
    , (
    SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
    , (
    SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
    , (
    SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
    , (
    SMALLINT( 8 ) , :id7 , :ol_quantity7 , :supply_w_id7 )
    , (
    SMALLINT( 9 ) , :id8 , :ol_quantity8 , :supply_w_id8 )
    , (
    SMALLINT( 10 ) , :id9 , :ol_quantity9 , :supply_w_id9 )
    , (
    SMALLINT( 11 ) , :id10 , :ol_quantity10 , :supply_w_id10 )
    , (
    SMALLINT( 12 ) , :id11 , :ol_quantity11 , :supply_w_id11 )

    ) AS X (
    OL_NUMBER , I_ID , I_QTY
    , I_SUPPLY_W_ID )
    WHERE X.I_SUPPLY_W_ID
    <> :w_id

    ) AS ITEMLIST
    , TABLE( NEW_OL_ALL( I_ID
    , W_ID
    , I_SUPPLY_W_ID
    , O_ID
    , D_ID
    ) AS NEW_OL_ALL
    WHERE NEW_OL_ALL.I_PRICE IS
    NOT NULL
    )

    SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
    S_QUANTITY

    FROM NEW TABLE ( INSERT INTO ORDER_LINE

    ( OL_O_ID
    , OL_D_ID
    , OL_W_ID
    , OL_NUMBER
    , OL_I_ID
    , OL_SUPPLY_W_ID
    , OL_DELIVERY_D
    , OL_QUANTITY
    , OL_AMOUNT
    , OL_DIST_INFO
    )

    INCLUDE ( I_PRICE DECIMAL(5,2)
            , I_NAME CHAR(24)
            , I_DATA VARCHAR(50)
            , S_DATA VARCHAR(50)
            , S_QUANTITY SMALLINT )

    SELECT O_ID
           , D_ID
           , W_ID
           , OL_NUMBER
           , I_ID
           , I_SUPPLY_W_ID
           , OL_DELIVERY_D
           , I_QTY
           , TOTAL_PRICE
           , OL_DIST_INFO
           , I_PRICE, I_NAME,
    I_DATA, S_DATA, S_QUANTITY

    FROM DATA

    ) AS INS
;

EXEC SQL DECLARE ISOL_Rem_Remote_12 CURSOR FOR

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```

        , (
    SMALLINT( 9 ) , :id8 , :ol_quantity8 , :supply_w_id8 )
    , (
    SMALLINT( 10 ) , :id9 , :ol_quantity9 , :supply_w_id9 )
    , (
    SMALLINT( 11 ) , :id10 , :ol_quantity10 , :supply_w_id10 )

    ) AS X (
    OL_NUMBER , I_ID , I_QTY
    , I_SUPPLY_W_ID )
    WHERE X.I_SUPPLY_W_ID
    <> :w_id

    ) AS ITEMLIST
    , TABLE( NEW_OL_ALL( I_ID
    , W_ID
    , I_SUPPLY_W_ID
    , O_ID
    , D_ID
    ) AS NEW_OL_ALL
    WHERE NEW_OL_ALL.I_PRICE IS
    NOT NULL
    )

    SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
    S_QUANTITY

    FROM NEW TABLE ( INSERT INTO ORDER_LINE

    ( OL_O_ID
    , OL_D_ID
    , OL_W_ID
    , OL_NUMBER
    , OL_I_ID
    , OL_SUPPLY_W_ID
    , OL_DELIVERY_D
    , OL_QUANTITY
    , OL_AMOUNT
    , OL_DIST_INFO
    )

    INCLUDE ( I_PRICE DECIMAL(5,2)
            , I_NAME CHAR(24)
            , I_DATA VARCHAR(50)
            , S_DATA VARCHAR(50)
            , S_QUANTITY SMALLINT )

    SELECT O_ID
           , D_ID
           , W_ID
           , OL_NUMBER
           , I_ID
           , I_SUPPLY_W_ID
           , OL_DELIVERY_D
           , I_QTY
           , TOTAL_PRICE
           , OL_DIST_INFO
           , I_PRICE, I_NAME,
    I_DATA, S_DATA, S_QUANTITY

    FROM DATA

    ) AS INS
;

EXEC SQL DECLARE ISOL_Rem_Remote_12 CURSOR FOR

```

```

    WITH DATA AS ( SELECT O_ID
                       , D_ID
                       , W_ID
                       , OL_NUMBER
                       , I_ID
                       , I_SUPPLY_W_ID
                       , (TIMESTAMP('0001-01-01 00:00:00')) AS
    OL_DELIVERY_D
                       , I_QTY
                       , ( I_PRICE * I_QTY ) AS TOTAL_PRICE
                       , OL_DIST_INFO
                       , I_PRICE, I_NAME, I_DATA, S_DATA,
    S_QUANTITY

    FROM ( SELECT :next_o_id as
    O_ID
           , :w_id AS W_ID
           , :d_id as D_ID
           , OL_NUMBER
           , I_ID
           , I_SUPPLY_W_ID
           , I_QTY

    FROM Table( VALUES

    (
    SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
    , (
    SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
    , (
    SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
    , (
    SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
    , (
    SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
    , (
    SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
    , (
    SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
    , (
    SMALLINT( 8 ) , :id7 , :ol_quantity7 , :supply_w_id7 )
    , (
    SMALLINT( 9 ) , :id8 , :ol_quantity8 , :supply_w_id8 )
    , (
    SMALLINT( 10 ) , :id9 , :ol_quantity9 , :supply_w_id9 )
    , (
    SMALLINT( 11 ) , :id10 , :ol_quantity10 , :supply_w_id10 )
    , (
    SMALLINT( 12 ) , :id11 , :ol_quantity11 , :supply_w_id11 )

    ) AS X (
    OL_NUMBER , I_ID , I_QTY
    , I_SUPPLY_W_ID )
    WHERE X.I_SUPPLY_W_ID
    <> :w_id

    ) AS ITEMLIST
    , TABLE( NEW_OL_ALL( I_ID
    , W_ID
    , I_SUPPLY_W_ID
    , O_ID
    , D_ID
    ) AS NEW_OL_ALL
    WHERE NEW_OL_ALL.I_PRICE IS
    NOT NULL
    )

    SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
    S_QUANTITY

    FROM NEW TABLE ( INSERT INTO ORDER_LINE

    ( OL_O_ID
    , OL_D_ID
    , OL_W_ID
    , OL_NUMBER
    , OL_I_ID
    , OL_SUPPLY_W_ID
    , OL_DELIVERY_D
    , OL_QUANTITY
    , OL_AMOUNT
    , OL_DIST_INFO
    )

    INCLUDE ( I_PRICE DECIMAL(5,2)
            , I_NAME CHAR(24)
            , I_DATA VARCHAR(50)
            , S_DATA VARCHAR(50)
            , S_QUANTITY SMALLINT )

    SELECT O_ID
           , D_ID
           , W_ID
           , OL_NUMBER
           , I_ID
           , I_SUPPLY_W_ID
           , OL_DELIVERY_D
           , I_QTY
           , TOTAL_PRICE
           , OL_DIST_INFO
           , I_PRICE, I_NAME,
    I_DATA, S_DATA, S_QUANTITY

    FROM DATA

    ) AS INS
;

EXEC SQL DECLARE ISOL_Rem_Remote_12 CURSOR FOR

```



```

SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY

FROM NEW TABLE ( INSERT INTO ORDER_LINE

( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)

INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )

SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,

I_DATA, S_DATA, S_QUANTITY

FROM DATA

) AS INS

;

EXEC SQL DECLARE ISOL_Rem_Remote_13 CURSOR FOR

WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS

OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,

S_QUANTITY

FROM ( SELECT :next_o_id as

O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, I_QTY

FROM Table( VALUES

(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
, (
SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
, (
SMALLINT( 8 ) , :id7 , :ol_quantity7 , :supply_w_id7 )
, (
SMALLINT( 9 ) , :id8 , :ol_quantity8 , :supply_w_id8 )
, (
SMALLINT( 10 ) , :id9 , :ol_quantity9 , :supply_w_id9 )
, (
SMALLINT( 11 ) , :id10 , :ol_quantity10 , :supply_w_id10 )
, (
SMALLINT( 12 ) , :id11 , :ol_quantity11 , :supply_w_id11 )
, (
SMALLINT( 13 ) , :id12 , :ol_quantity12 , :supply_w_id12 )
, (
SMALLINT( 14 ) , :id13 , :ol_quantity13 , :supply_w_id13 )
)

SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, I_QTY

```

```

(
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
, (
SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
, (
SMALLINT( 8 ) , :id7 , :ol_quantity7 , :supply_w_id7 )
, (
SMALLINT( 9 ) , :id8 , :ol_quantity8 , :supply_w_id8 )
, (
SMALLINT( 10 ) , :id9 , :ol_quantity9 , :supply_w_id9 )
, (
SMALLINT( 11 ) , :id10 , :ol_quantity10 , :supply_w_id10 )
, (
SMALLINT( 12 ) , :id11 , :ol_quantity11 , :supply_w_id11 )
, (
SMALLINT( 13 ) , :id12 , :ol_quantity12 , :supply_w_id12 )
) AS X (
OL_NUMBER , I_ID , I_QTY
, I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
<> :w_id

) AS ITEMLIST
, TABLE( NEW_OL_ALL( I_ID
, W_ID
, O_ID
, D_ID
) AS NEW_OL_ALL
WHERE NEW_OL_ALL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY

FROM NEW TABLE ( INSERT INTO ORDER_LINE

( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)

INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )

SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, I_QTY

```

```

, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,

I_DATA, S_DATA, S_QUANTITY

FROM DATA

) AS INS

;

EXEC SQL DECLARE ISOL_Rem_Remote_14 CURSOR FOR

WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS

OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,

S_QUANTITY

FROM ( SELECT :next_o_id as

O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, I_QTY

FROM Table( VALUES

(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
, (
SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
, (
SMALLINT( 8 ) , :id7 , :ol_quantity7 , :supply_w_id7 )
, (
SMALLINT( 9 ) , :id8 , :ol_quantity8 , :supply_w_id8 )
, (
SMALLINT( 10 ) , :id9 , :ol_quantity9 , :supply_w_id9 )
, (
SMALLINT( 11 ) , :id10 , :ol_quantity10 , :supply_w_id10 )
, (
SMALLINT( 12 ) , :id11 , :ol_quantity11 , :supply_w_id11 )
, (
SMALLINT( 13 ) , :id12 , :ol_quantity12 , :supply_w_id12 )
, (
SMALLINT( 14 ) , :id13 , :ol_quantity13 , :supply_w_id13 )
)

SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, I_QTY
) AS X (
OL_NUMBER , I_ID , I_QTY
, I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
<> :w_id

```

```

) AS ITEMLIST
, TABLE( NEW_OL_ALL( I_ID
I_QTY
I_SUPPLY_W_ID
O_ID
D_ID
) AS NEW_OL_ALL
WHERE NEW_OL_ALL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
) AS INS
EXEC SQL DECLARE ISOL_Rem_Remote_15 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM DATA
) AS INS

```

```

FROM ( SELECT :next_o_id as
O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, I_QTY
) AS NEW_OL_ALL
WHERE NEW_OL_ALL.I_PRICE IS
NOT NULL
) AS ITEMLIST
, TABLE( NEW_OL_ALL( I_ID
I_QTY
I_SUPPLY_W_ID
O_ID
D_ID
) AS NEW_OL_ALL
WHERE NEW_OL_ALL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
) AS INS
EXEC SQL DECLARE ISOL_Rem_Local_5 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM DATA
) AS INS

```

```

, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
) AS INS
EXEC SQL DECLARE ISOL_Rem_Local_5 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
) AS INS
EXEC SQL DECLARE ISOL_Rem_Local_5 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM DATA
) AS INS
EXEC SQL DECLARE ISOL_Rem_Remote_15 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM DATA
) AS INS

```

```

WHERE X.I_SUPPLY_W_ID
= :w_id
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID
I_QTY
W_ID
O_ID
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
;
EXEC SQL DECLARE ISOL_Rem_Local_6 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D

```

```

, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
O_ID
FROM ( SELECT :next_o_id as
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
) AS X (
OL_NUMBER , I_ID , I_QTY , I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
= :w_id
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID
I_QTY
W_ID
O_ID
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)

```

```

, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
;
EXEC SQL DECLARE ISOL_Rem_Local_7 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
, (
SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
) AS X (
OL_NUMBER , I_ID , I_QTY , I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
= :w_id
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID

```

```

I_QTY
W_ID
O_ID
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
;
EXEC SQL DECLARE ISOL_Rem_Local_8 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
, (
SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
, (
SMALLINT( 8 ) , :id7 , :ol_quantity7 , :supply_w_id7 )
) AS X (
OL_NUMBER , I_ID , I_QTY
, I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
= :w_id
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID
, I_QTY
, W_ID
, O_ID
, D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
) AS ITEMLIST

```

```

FROM ( SELECT :next_o_id as
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
, (
SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
, (
SMALLINT( 8 ) , :id7 , :ol_quantity7 , :supply_w_id7 )
) AS X (
OL_NUMBER , I_ID , I_QTY
, I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
= :w_id
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID
, I_QTY
, W_ID
, O_ID
, D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
) AS ITEMLIST

```

```

, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
;
EXEC SQL DECLARE ISOL_Rem_Local_9 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
, (
SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
, (
SMALLINT( 8 ) , :id7 , :ol_quantity7 , :supply_w_id7 )
, (
SMALLINT( 9 ) , :id8 , :ol_quantity8 , :supply_w_id8 )
) AS X (
OL_NUMBER , I_ID , I_QTY
, I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
= :w_id
) AS ITEMLIST

```

```

I_ID             , TABLE( NEW_OL_LOCAL(
I_QTY
W_ID
O_ID
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)

SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY

FROM NEW TABLE ( INSERT INTO ORDER_LINE
(
OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE   DECIMAL(5,2)
, I_NAME    CHAR(24)
, I_DATA    VARCHAR(50)
, S_DATA    VARCHAR(50)
, S_QUANTITY SMALLINT )

SELECT  O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY

FROM DATA
) AS INS
;

EXEC SQL DECLARE ISOL_Rem_Local_10 CURSOR FOR

WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY

FROM ( SELECT :next_o_id as
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY

FROM Table( VALUES
(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
, (
SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
, (
SMALLINT( 8 ) , :id7 , :ol_quantity7 , :supply_w_id7 )
, (
SMALLINT( 9 ) , :id8 , :ol_quantity8 , :supply_w_id8 )
, (
SMALLINT( 10 ), :id9 , :ol_quantity9 , :supply_w_id9 )
) AS X (
OL_NUMBER , I_ID , I_QTY
, I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
= :w_id
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID
I_QTY
W_ID
O_ID
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)

SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY

FROM NEW TABLE ( INSERT INTO ORDER_LINE
(
OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE   DECIMAL(5,2)
, I_NAME    CHAR(24)
, I_DATA    VARCHAR(50)
, S_DATA    VARCHAR(50)
, S_QUANTITY SMALLINT )

SELECT  O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY

FROM DATA
) AS INS
;

EXEC SQL DECLARE ISOL_Rem_Local_11 CURSOR FOR

WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY

FROM ( SELECT :next_o_id as
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY

FROM Table( VALUES
(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
, (
SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
, (
SMALLINT( 8 ) , :id7 , :ol_quantity7 , :supply_w_id7 )
, (
SMALLINT( 9 ) , :id8 , :ol_quantity8 , :supply_w_id8 )
, (
SMALLINT( 10 ), :id9 , :ol_quantity9 , :supply_w_id9 )
, (
SMALLINT( 11 ), :id10 , :ol_quantity10 , :supply_w_id10 )
)
INCLUDE ( I_PRICE   DECIMAL(5,2)
, I_NAME    CHAR(24)
, I_DATA    VARCHAR(50)
, S_DATA    VARCHAR(50)
, S_QUANTITY SMALLINT )

SELECT  O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY

FROM DATA
) AS INS
;

EXEC SQL DECLARE ISOL_Rem_Local_11 CURSOR FOR

WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY

FROM ( SELECT :next_o_id as
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY

FROM Table( VALUES
(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
, (
SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
, (
SMALLINT( 8 ) , :id7 , :ol_quantity7 , :supply_w_id7 )
, (
SMALLINT( 9 ) , :id8 , :ol_quantity8 , :supply_w_id8 )
, (
SMALLINT( 10 ), :id9 , :ol_quantity9 , :supply_w_id9 )
, (
SMALLINT( 11 ), :id10 , :ol_quantity10 , :supply_w_id10 )
)

```

```

) AS X (
OL_NUMBER , I_ID , I_QTY , I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
= :w_id
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID ,
I_QTY ,
W_ID ,
O_ID ,
D_ID )
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
;
EXEC SQL DECLARE ISOL_Rem_Local_12 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
, (
SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
, (
SMALLINT( 8 ) , :id7 , :ol_quantity7 , :supply_w_id7 )
, (
SMALLINT( 9 ) , :id8 , :ol_quantity8 , :supply_w_id8 )
, (
SMALLINT( 10 ) , :id9 , :ol_quantity9 , :supply_w_id9 )
, (
SMALLINT( 11 ) , :id10 , :ol_quantity10 , :supply_w_id10 )
, (
SMALLINT( 12 ) , :id11 , :ol_quantity11 , :supply_w_id11 )
) AS X (
OL_NUMBER , I_ID , I_QTY , I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
= :w_id
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID ,
I_QTY ,
W_ID ,
O_ID ,
D_ID )
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE

```

```

, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 , :supply_w_id5 )
, (
SMALLINT( 7 ) , :id6 , :ol_quantity6 , :supply_w_id6 )
, (
SMALLINT( 8 ) , :id7 , :ol_quantity7 , :supply_w_id7 )
, (
SMALLINT( 9 ) , :id8 , :ol_quantity8 , :supply_w_id8 )
, (
SMALLINT( 10 ) , :id9 , :ol_quantity9 , :supply_w_id9 )
, (
SMALLINT( 11 ) , :id10 , :ol_quantity10 , :supply_w_id10 )
, (
SMALLINT( 12 ) , :id11 , :ol_quantity11 , :supply_w_id11 )
) AS X (
OL_NUMBER , I_ID , I_QTY , I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
= :w_id
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID ,
I_QTY ,
W_ID ,
O_ID ,
D_ID )
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE

```

```

( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
;
EXEC SQL DECLARE ISOL_Rem_Local_13 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
(
SMALLINT( 1 ) , :id0 , :ol_quantity0 , :supply_w_id0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 , :supply_w_id1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 , :supply_w_id2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 , :supply_w_id3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 , :supply_w_id4 )

```

```

SMALLINT( 6 ), :id5 , :ol_quantity5 , :supply_w_id5 )
SMALLINT( 7 ), :id6 , :ol_quantity6 , :supply_w_id6 )
SMALLINT( 8 ), :id7 , :ol_quantity7 , :supply_w_id7 )
SMALLINT( 9 ), :id8 , :ol_quantity8 , :supply_w_id8 )
SMALLINT( 10 ), :id9 , :ol_quantity9 , :supply_w_id9 )
SMALLINT( 11 ), :id10 , :ol_quantity10 , :supply_w_id10 )
SMALLINT( 12 ), :id11 , :ol_quantity11 , :supply_w_id11 )
SMALLINT( 13 ), :id12 , :ol_quantity12 , :supply_w_id12 )

) AS X (
OL_NUMBER , I_ID , I_QTY , I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
= :w_id
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID ,
I_QTY ,
W_ID ,
O_ID ,
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
) AS X (
OL_NUMBER , I_ID , I_QTY , I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
= :w_id
) AS ITEMLIST

```

```

, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
FROM DATA
) AS INS
;
EXEC SQL DECLARE ISOL_Rem_Local_14 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA , S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
SMALLINT( 1 ), :id0 , :ol_quantity0 , :supply_w_id0 )
SMALLINT( 2 ), :id1 , :ol_quantity1 , :supply_w_id1 )
SMALLINT( 3 ), :id2 , :ol_quantity2 , :supply_w_id2 )
SMALLINT( 4 ), :id3 , :ol_quantity3 , :supply_w_id3 )
SMALLINT( 5 ), :id4 , :ol_quantity4 , :supply_w_id4 )
SMALLINT( 6 ), :id5 , :ol_quantity5 , :supply_w_id5 )
SMALLINT( 7 ), :id6 , :ol_quantity6 , :supply_w_id6 )
SMALLINT( 8 ), :id7 , :ol_quantity7 , :supply_w_id7 )
SMALLINT( 9 ), :id8 , :ol_quantity8 , :supply_w_id8 )
SMALLINT( 10 ), :id9 , :ol_quantity9 , :supply_w_id9 )
SMALLINT( 11 ), :id10 , :ol_quantity10 , :supply_w_id10 )
SMALLINT( 12 ), :id11 , :ol_quantity11 , :supply_w_id11 )
SMALLINT( 13 ), :id12 , :ol_quantity12 , :supply_w_id12 )
SMALLINT( 14 ), :id13 , :ol_quantity13 , :supply_w_id13 )
) AS X (
OL_NUMBER , I_ID , I_QTY , I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
= :w_id
) AS ITEMLIST

```

```

, TABLE( NEW_OL_LOCAL(
I_ID ,
I_QTY ,
W_ID ,
O_ID ,
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
;
EXEC SQL DECLARE ISOL_Rem_Local_15 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA , S_DATA,
S_QUANTITY

```

```

FROM ( SELECT  :next_o_id as
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
SMALLINT( 1 ), :id0 , :ol_quantity0 , :supply_w_id0 )
SMALLINT( 2 ), :id1 , :ol_quantity1 , :supply_w_id1 )
SMALLINT( 3 ), :id2 , :ol_quantity2 , :supply_w_id2 )
SMALLINT( 4 ), :id3 , :ol_quantity3 , :supply_w_id3 )
SMALLINT( 5 ), :id4 , :ol_quantity4 , :supply_w_id4 )
SMALLINT( 6 ), :id5 , :ol_quantity5 , :supply_w_id5 )
SMALLINT( 7 ), :id6 , :ol_quantity6 , :supply_w_id6 )
SMALLINT( 8 ), :id7 , :ol_quantity7 , :supply_w_id7 )
SMALLINT( 9 ), :id8 , :ol_quantity8 , :supply_w_id8 )
SMALLINT( 10 ), :id9 , :ol_quantity9 , :supply_w_id9 )
SMALLINT( 11 ), :id10 , :ol_quantity10 , :supply_w_id10 )
SMALLINT( 12 ), :id11 , :ol_quantity11 , :supply_w_id11 )
SMALLINT( 13 ), :id12 , :ol_quantity12 , :supply_w_id12 )
SMALLINT( 14 ), :id13 , :ol_quantity13 , :supply_w_id13 )
SMALLINT( 15 ), :id14 , :ol_quantity14 , :supply_w_id14 )
) AS X (
OL_NUMBER , I_ID , I_QTY , I_SUPPLY_W_ID )
WHERE X.I_SUPPLY_W_ID
= :w_id
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID ,
I_QTY ,
W_ID ,
O_ID ,
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
) AS NEW_OL_LOCAL
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
SMALLINT( 1 ) , :id0 , :ol_quantity0 )
SMALLINT( 2 ) , :id1 , :ol_quantity1 )
SMALLINT( 3 ) , :id2 , :ol_quantity2 )
SMALLINT( 4 ) , :id3 , :ol_quantity3 )
SMALLINT( 5 ) , :id4 , :ol_quantity4 )
) AS X (
OL_NUMBER , I_ID , I_QTY

```

```

, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID ,
I_QTY ,
W_ID ,
O_ID ,
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
) AS NEW_OL_LOCAL
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
SMALLINT( 1 ) , :id0 , :ol_quantity0 )
SMALLINT( 2 ) , :id1 , :ol_quantity1 )
SMALLINT( 3 ) , :id2 , :ol_quantity2 )
SMALLINT( 4 ) , :id3 , :ol_quantity3 )
SMALLINT( 5 ) , :id4 , :ol_quantity4 )
) AS X (
OL_NUMBER , I_ID , I_QTY

```

```

) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID ,
I_QTY ,
W_ID ,
O_ID ,
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
) AS NEW_OL_LOCAL
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, OL_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
SMALLINT( 1 ) , :id0 , :ol_quantity0 )
SMALLINT( 2 ) , :id1 , :ol_quantity1 )
SMALLINT( 3 ) , :id2 , :ol_quantity2 )
SMALLINT( 4 ) , :id3 , :ol_quantity3 )
SMALLINT( 5 ) , :id4 , :ol_quantity4 )
) AS X (
OL_NUMBER , I_ID , I_QTY

```



```

        , I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
        FROM ( SELECT      :next_o_id as
O_ID
                        , :w_id AS W_ID
                        , :d_id as D_ID
                        , OL_NUMBER
                        , I_ID
                        , I_QTY
FROM Table( VALUES
        (
SMALLINT( 1 ) , :id0 , :ol_quantity0 )
        , (
SMALLINT( 2 ) , :id1 , :ol_quantity1 )
        , (
SMALLINT( 3 ) , :id2 , :ol_quantity2 )
        , (
SMALLINT( 4 ) , :id3 , :ol_quantity3 )
        , (
SMALLINT( 5 ) , :id4 , :ol_quantity4 )
        , (
SMALLINT( 6 ) , :id5 , :ol_quantity5 )
        ) AS X (
OL_NUMBER , I_ID , I_QTY
        ) AS ITEMLIST
        , TABLE( NEW_OL_LOCAL(
I_ID
I_QTY
W_ID
O_ID
D_ID
        ) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
        )
        SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
        ( OL_O_ID
        , OL_D_ID
        , OL_W_ID
        , OL_NUMBER
        , OL_I_ID
        , OL_SUPPLY_W_ID
        , OL_DELIVERY_D
        , OL_QUANTITY
        , OL_AMOUNT
        , OL_DIST_INFO
        )
        INCLUDE ( I_PRICE  DECIMAL(5,2)
        , I_NAME    CHAR(24)
        , I_DATA    VARCHAR(50)
        , S_DATA    VARCHAR(50)
        , S_QUANTITY SMALLINT )
        SELECT O_ID
        , D_ID
        , W_ID
        , OL_NUMBER
        , I_ID
        , I_QTY
        , TOTAL_PRICE
        , OL_DIST_INFO
        , I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT      :next_o_id as
O_ID
                        , :w_id AS W_ID
                        , :d_id as D_ID
                        , OL_NUMBER
                        , I_ID
                        , I_QTY
FROM Table( VALUES
        (
SMALLINT( 1 ) , :id0 , :ol_quantity0 )
        , (
SMALLINT( 2 ) , :id1 , :ol_quantity1 )
        , (
SMALLINT( 3 ) , :id2 , :ol_quantity2 )
        , (
SMALLINT( 4 ) , :id3 , :ol_quantity3 )
        , (
SMALLINT( 5 ) , :id4 , :ol_quantity4 )
        , (
SMALLINT( 6 ) , :id5 , :ol_quantity5 )
        , (
SMALLINT( 7 ) , :id6 , :ol_quantity6 )
        ) AS X (
OL_NUMBER , I_ID , I_QTY
        ) AS ITEMLIST
        , TABLE( NEW_OL_LOCAL(
I_ID
I_QTY
W_ID
O_ID
D_ID
        ) AS NEW_OL_LOCAL
        )
        SMALLINT( 1 ) , :id0 , :ol_quantity0 )

```

```

        , OL_NUMBER
        , I_ID
        , I_SUPPLY_W_ID
        , OL_DELIVERY_D
        , I_QTY
        , TOTAL_PRICE
        , OL_DIST_INFO
        , I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
        FROM DATA
        ) AS INS
        ;
EXEC SQL DECLARE ISOL_Local_7 CURSOR FOR
        WITH DATA AS ( SELECT O_ID
                        , D_ID
                        , W_ID
                        , OL_NUMBER
                        , I_ID
                        , W_ID AS I_SUPPLY_W_ID
                        , (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
                        , I_QTY
                        , ( I_PRICE * I_QTY ) AS TOTAL_PRICE
                        , OL_DIST_INFO
                        , I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT      :next_o_id as
O_ID
                        , :w_id AS W_ID
                        , :d_id as D_ID
                        , OL_NUMBER
                        , I_ID
                        , I_QTY
FROM Table( VALUES
        (
SMALLINT( 1 ) , :id0 , :ol_quantity0 )
        , (
SMALLINT( 2 ) , :id1 , :ol_quantity1 )
        , (
SMALLINT( 3 ) , :id2 , :ol_quantity2 )
        , (
SMALLINT( 4 ) , :id3 , :ol_quantity3 )
        , (
SMALLINT( 5 ) , :id4 , :ol_quantity4 )
        , (
SMALLINT( 6 ) , :id5 , :ol_quantity5 )
        , (
SMALLINT( 7 ) , :id6 , :ol_quantity6 )
        ) AS X (
OL_NUMBER , I_ID , I_QTY
        ) AS ITEMLIST
        , TABLE( NEW_OL_LOCAL(
I_ID
I_QTY
W_ID
O_ID
D_ID
        ) AS NEW_OL_LOCAL
        )
        SMALLINT( 1 ) , :id0 , :ol_quantity0 )

```

```

        WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
        )
        SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
        ( OL_O_ID
        , OL_D_ID
        , OL_W_ID
        , OL_NUMBER
        , OL_I_ID
        , OL_SUPPLY_W_ID
        , OL_DELIVERY_D
        , OL_QUANTITY
        , OL_AMOUNT
        , OL_DIST_INFO
        )
        INCLUDE ( I_PRICE  DECIMAL(5,2)
        , I_NAME    CHAR(24)
        , I_DATA    VARCHAR(50)
        , S_DATA    VARCHAR(50)
        , S_QUANTITY SMALLINT )
        SELECT O_ID
        , D_ID
        , W_ID
        , OL_NUMBER
        , I_ID
        , I_SUPPLY_W_ID
        , OL_DELIVERY_D
        , I_QTY
        , TOTAL_PRICE
        , OL_DIST_INFO
        , I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
        FROM DATA
        ) AS INS
        ;
EXEC SQL DECLARE ISOL_Local_8 CURSOR FOR
        WITH DATA AS ( SELECT O_ID
                        , D_ID
                        , W_ID
                        , OL_NUMBER
                        , I_ID
                        , W_ID AS I_SUPPLY_W_ID
                        , (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
                        , I_QTY
                        , ( I_PRICE * I_QTY ) AS TOTAL_PRICE
                        , OL_DIST_INFO
                        , I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT      :next_o_id as
O_ID
                        , :w_id AS W_ID
                        , :d_id as D_ID
                        , OL_NUMBER
                        , I_ID
                        , I_QTY
FROM Table( VALUES
        (
SMALLINT( 1 ) , :id0 , :ol_quantity0 )

```

```

SMALLINT( 2 ) , :id1 , :ol_quantity1 )
SMALLINT( 3 ) , :id2 , :ol_quantity2 )
SMALLINT( 4 ) , :id3 , :ol_quantity3 )
SMALLINT( 5 ) , :id4 , :ol_quantity4 )
SMALLINT( 6 ) , :id5 , :ol_quantity5 )
SMALLINT( 7 ) , :id6 , :ol_quantity6 )
SMALLINT( 8 ) , :id7 , :ol_quantity7 )
) AS X (
OL_NUMBER , I_ID , I_QTY
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID
I_QTY
W_ID
O_ID
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
)

```

```

) AS INS
;
EXEC SQL DECLARE ISOL_Local_9 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
SMALLINT( 1 ) , :id0 , :ol_quantity0 )
SMALLINT( 2 ) , :id1 , :ol_quantity1 )
SMALLINT( 3 ) , :id2 , :ol_quantity2 )
SMALLINT( 4 ) , :id3 , :ol_quantity3 )
SMALLINT( 5 ) , :id4 , :ol_quantity4 )
SMALLINT( 6 ) , :id5 , :ol_quantity5 )
SMALLINT( 7 ) , :id6 , :ol_quantity6 )
SMALLINT( 8 ) , :id7 , :ol_quantity7 )
SMALLINT( 9 ) , :id8 , :ol_quantity8 )
) AS X (
OL_NUMBER , I_ID , I_QTY
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID
I_QTY
W_ID
O_ID
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
)

```

```

FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
;
EXEC SQL DECLARE ISOL_Local_10 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
SMALLINT( 1 ) , :id0 , :ol_quantity0 )
SMALLINT( 2 ) , :id1 , :ol_quantity1 )
SMALLINT( 3 ) , :id2 , :ol_quantity2 )
SMALLINT( 4 ) , :id3 , :ol_quantity3 )
SMALLINT( 5 ) , :id4 , :ol_quantity4 )
) AS X (
OL_NUMBER , I_ID , I_QTY
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID
I_QTY
W_ID
O_ID
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
)

```

```

SMALLINT( 6 ) , :id5 , :ol_quantity5 )
SMALLINT( 7 ) , :id6 , :ol_quantity6 )
SMALLINT( 8 ) , :id7 , :ol_quantity7 )
SMALLINT( 9 ) , :id8 , :ol_quantity8 )
SMALLINT( 10 ) , :id9 , :ol_quantity9 )

) AS X (
OL_NUMBER , I_ID , I_QTY
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID
I_QTY
W_ID
O_ID
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
;

```

```

EXEC SQL DECLARE ISOL_Local_11 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
(
SMALLINT( 1 ) , :id0 , :ol_quantity0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 )
, (
SMALLINT( 6 ) , :id5 , :ol_quantity5 )
, (
SMALLINT( 7 ) , :id6 , :ol_quantity6 )
, (
SMALLINT( 8 ) , :id7 , :ol_quantity7 )
, (
SMALLINT( 9 ) , :id8 , :ol_quantity8 )
, (
SMALLINT( 10 ) , :id9 , :ol_quantity9 )
, (
SMALLINT( 11 ) , :id10 , :ol_quantity10 )
) AS X (
OL_NUMBER , I_ID , I_QTY
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID
I_QTY
W_ID
O_ID
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY

```

```

FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
;
EXEC SQL DECLARE ISOL_Local_12 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
(
SMALLINT( 1 ) , :id0 , :ol_quantity0 )
, (
SMALLINT( 2 ) , :id1 , :ol_quantity1 )
, (
SMALLINT( 3 ) , :id2 , :ol_quantity2 )
, (
SMALLINT( 4 ) , :id3 , :ol_quantity3 )
, (
SMALLINT( 5 ) , :id4 , :ol_quantity4 )
)

```

```

SMALLINT( 6 ) , :id5 , :ol_quantity5 )
SMALLINT( 7 ) , :id6 , :ol_quantity6 )
SMALLINT( 8 ) , :id7 , :ol_quantity7 )
SMALLINT( 9 ) , :id8 , :ol_quantity8 )
SMALLINT( 10 ) , :id9 , :ol_quantity9 )
SMALLINT( 11 ) , :id10 , :ol_quantity10 )
SMALLINT( 12 ) , :id11 , :ol_quantity11 )
) AS X (
OL_NUMBER , I_ID , I_QTY
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID
I_QTY
W_ID
O_ID
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
EXEC SQL DECLARE ISOL_Local_13 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
SMALLINT( 1 ) , :id0 , :ol_quantity0 )
SMALLINT( 2 ) , :id1 , :ol_quantity1 )
SMALLINT( 3 ) , :id2 , :ol_quantity2 )
SMALLINT( 4 ) , :id3 , :ol_quantity3 )
SMALLINT( 5 ) , :id4 , :ol_quantity4 )
SMALLINT( 6 ) , :id5 , :ol_quantity5 )
SMALLINT( 7 ) , :id6 , :ol_quantity6 )
SMALLINT( 8 ) , :id7 , :ol_quantity7 )
SMALLINT( 9 ) , :id8 , :ol_quantity8 )
SMALLINT( 10 ) , :id9 , :ol_quantity9 )
SMALLINT( 11 ) , :id10 , :ol_quantity10 )
SMALLINT( 12 ) , :id11 , :ol_quantity11 )
SMALLINT( 13 ) , :id12 , :ol_quantity12 )
) AS X (
OL_NUMBER , I_ID , I_QTY
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID
I_QTY
W_ID
O_ID
D_ID
) AS NEW_OL_LOCAL
) AS NEW_OL_LOCAL
SMALLINT( 1 ) , :id0 , :ol_quantity0 )

```

```

) AS INS
EXEC SQL DECLARE ISOL_Local_13 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
SMALLINT( 1 ) , :id0 , :ol_quantity0 )
SMALLINT( 2 ) , :id1 , :ol_quantity1 )
SMALLINT( 3 ) , :id2 , :ol_quantity2 )
SMALLINT( 4 ) , :id3 , :ol_quantity3 )
SMALLINT( 5 ) , :id4 , :ol_quantity4 )
SMALLINT( 6 ) , :id5 , :ol_quantity5 )
SMALLINT( 7 ) , :id6 , :ol_quantity6 )
SMALLINT( 8 ) , :id7 , :ol_quantity7 )
SMALLINT( 9 ) , :id8 , :ol_quantity8 )
SMALLINT( 10 ) , :id9 , :ol_quantity9 )
SMALLINT( 11 ) , :id10 , :ol_quantity10 )
SMALLINT( 12 ) , :id11 , :ol_quantity11 )
SMALLINT( 13 ) , :id12 , :ol_quantity12 )
) AS X (
OL_NUMBER , I_ID , I_QTY
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID
I_QTY
W_ID
O_ID
D_ID
) AS NEW_OL_LOCAL
) AS NEW_OL_LOCAL
SMALLINT( 1 ) , :id0 , :ol_quantity0 )

```

```

WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
)
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
EXEC SQL DECLARE ISOL_Local_14 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
O_ID
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
SMALLINT( 1 ) , :id0 , :ol_quantity0 )

```

```

SMALLINT( 2 ) , :id1 , :ol_quantity1 )
SMALLINT( 3 ) , :id2 , :ol_quantity2 )
SMALLINT( 4 ) , :id3 , :ol_quantity3 )
SMALLINT( 5 ) , :id4 , :ol_quantity4 )
SMALLINT( 6 ) , :id5 , :ol_quantity5 )
SMALLINT( 7 ) , :id6 , :ol_quantity6 )
SMALLINT( 8 ) , :id7 , :ol_quantity7 )
SMALLINT( 9 ) , :id8 , :ol_quantity8 )
SMALLINT( 10 ) , :id9 , :ol_quantity9 )
SMALLINT( 11 ) , :id10 , :ol_quantity10 )
SMALLINT( 12 ) , :id11 , :ol_quantity11 )
SMALLINT( 13 ) , :id12 , :ol_quantity12 )
SMALLINT( 14 ) , :id13 , :ol_quantity13 )

) AS X (
OL_NUMBER , I_ID , I_QTY
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID
I_QTY
W_ID
O_ID
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)

```

```

, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
;
EXEC SQL DECLARE ISOL_Local_15 CURSOR FOR
WITH DATA AS ( SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, W_ID AS I_SUPPLY_W_ID
, (TIMESTAMP('0001-01-01 00:00:00')) AS
OL_DELIVERY_D
, I_QTY
, ( I_PRICE * I_QTY ) AS TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME, I_DATA, S_DATA,
S_QUANTITY
FROM ( SELECT :next_o_id as
, :w_id AS W_ID
, :d_id as D_ID
, OL_NUMBER
, I_ID
, I_QTY
FROM Table( VALUES
SMALLINT( 1 ) , :id0 , :ol_quantity0 )
SMALLINT( 2 ) , :id1 , :ol_quantity1 )
SMALLINT( 3 ) , :id2 , :ol_quantity2 )
SMALLINT( 4 ) , :id3 , :ol_quantity3 )
SMALLINT( 5 ) , :id4 , :ol_quantity4 )
SMALLINT( 6 ) , :id5 , :ol_quantity5 )
SMALLINT( 7 ) , :id6 , :ol_quantity6 )
SMALLINT( 8 ) , :id7 , :ol_quantity7 )
SMALLINT( 9 ) , :id8 , :ol_quantity8 )
SMALLINT( 10 ) , :id9 , :ol_quantity9 )
SMALLINT( 11 ) , :id10 , :ol_quantity10 )
SMALLINT( 12 ) , :id11 , :ol_quantity11 )
SMALLINT( 13 ) , :id12 , :ol_quantity12 )
SMALLINT( 14 ) , :id13 , :ol_quantity13 )
SMALLINT( 15 ) , :id14 , :ol_quantity14 )

```

```

) AS X (
OL_NUMBER , I_ID , I_QTY
) AS ITEMLIST
, TABLE( NEW_OL_LOCAL(
I_ID
I_QTY
W_ID
O_ID
D_ID
) AS NEW_OL_LOCAL
WHERE NEW_OL_LOCAL.I_PRICE IS
NOT NULL
)
SELECT I_PRICE , I_NAME , I_DATA , OL_DIST_INFO , S_DATA ,
S_QUANTITY
FROM NEW TABLE ( INSERT INTO ORDER_LINE
( OL_O_ID
, OL_D_ID
, OL_W_ID
, OL_NUMBER
, OL_I_ID
, OL_SUPPLY_W_ID
, OL_DELIVERY_D
, OL_QUANTITY
, OL_AMOUNT
, OL_DIST_INFO
) AS NEW_OL_LOCAL
INCLUDE ( I_PRICE DECIMAL(5,2)
, I_NAME CHAR(24)
, I_DATA VARCHAR(50)
, S_DATA VARCHAR(50)
, S_QUANTITY SMALLINT )
SELECT O_ID
, D_ID
, W_ID
, OL_NUMBER
, I_ID
, I_SUPPLY_W_ID
, OL_DELIVERY_D
, I_QTY
, TOTAL_PRICE
, OL_DIST_INFO
, I_PRICE, I_NAME,
I_DATA, S_DATA, S_QUANTITY
FROM DATA
) AS INS
;
// Start processing
in_neword = (struct in_neword_struct *) pin ;
neword = (struct out_neword_struct *) pout ;
#ifdef DEBUGIT
new_debug( neword, in_neword, "SP upon entry");
#endif
// Using I_PRICE == 0 as a flag to the client that the ITEM
was not fetched (hence bad).

```

```

for ( inputItemArrayIndex = 0 ; inputItemArrayIndex <
in_neword->s_OL_CNT ; inputItemArrayIndex++ )
{
    i_priceArray[ inputItemArrayIndex ] = 0 ;
}

neword->deadlocks = -1 ;

retry_tran:

neword->deadlocks++ ;

EXEC SQL

    SELECT D_TAX, D_NEXT_O_ID INTO :dist_tax , :next_o_id

    FROM OLD TABLE ( UPDATE DISTRICT

                                SET D_NEXT_O_ID =

D_NEXT_O_ID + 1

                                WHERE D_W_ID = :w_id
                                AND D_ID = :d_id

                                ) AS OT
;

if ( sqlca.sqlcode != 0 )
{
    DLCHK( retry_tran );
    sqlerror( NEWORD_SQL, "DISTRICT", __FILE__, __LINE__,
&sqlca ) ;
    goto ferror;
}

#define NEW_CURSOR_OPEN_ERROR
\
{
\
    if( sqlca.sqlcode != 0 )
\
    {
\
        goto sql_error ;
\
    }
\
}

#define NEW_CURSOR_ERROR
\
{
\
    if( sqlca.sqlcode == 0 )
\
    {
\
        neword->s_OL_CNT ++ ;
\
    }
\
    else
\
    if( sqlca.sqlcode == +100 )
\
    {
\
        break ;
\
    }
\
    else
\

```

```

        goto sql_error ;
\
    }
\
}

#define NEW_CURSOR_SEEK_NEXT_REMOTE
\
{
\
    while ( in_neword->in_item[ inputItemArrayIndex
].s_OL_SUPPLY_W_ID == w_id) \
    {
\
        inputItemArrayIndex++ ;
\
    }
\
}

#define NEW_CURSOR_SEEK_NEXT_LOCAL
\
{
\
    while ( in_neword->in_item[ inputItemArrayIndex
].s_OL_SUPPLY_W_ID != w_id) \
    {
\
        inputItemArrayIndex++ ;
\
    }
\
}

// Remote Order
if ( !allLocal )
{
    // Step 1 - Process Remote Order-Lines
    switch( inputItemCount )
    {
        case 5:
            EXEC SQL OPEN ISOL_Rem_Remote_5 ;
            NEW_CURSOR_OPEN_ERROR
            for ( inputItemArrayIndex = 0 ; inputItemArrayIndex
< inputItemCount ; inputItemArrayIndex++ )
            {
                NEW_CURSOR_SEEK_NEXT_REMOTE
                EXEC SQL FETCH ISOL_Rem_Remote_5 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
                NEW_CURSOR_ERROR
            }
            EXEC SQL CLOSE ISOL_Rem_Remote_5;
            break ;
        case 6:
            EXEC SQL OPEN ISOL_Rem_Remote_6 ;
            NEW_CURSOR_OPEN_ERROR
            for ( inputItemArrayIndex = 0 ; inputItemArrayIndex
< inputItemCount ; inputItemArrayIndex++ )
            {
                NEW_CURSOR_SEEK_NEXT_REMOTE
                EXEC SQL FETCH ISOL_Rem_Remote_6 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
                NEW_CURSOR_ERROR
            }
            EXEC SQL CLOSE ISOL_Rem_Remote_6;
            break ;
        case 7:
            EXEC SQL OPEN ISOL_Rem_Remote_7 ;
            NEW_CURSOR_OPEN_ERROR
            for ( inputItemArrayIndex = 0 ; inputItemArrayIndex
< inputItemCount ; inputItemArrayIndex++ )
            {
                NEW_CURSOR_SEEK_NEXT_REMOTE

```

```

            EXEC SQL FETCH ISOL_Rem_Remote_7 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
            NEW_CURSOR_ERROR
        }
        EXEC SQL CLOSE ISOL_Rem_Remote_7;
        break ;
        case 8:
            EXEC SQL OPEN ISOL_Rem_Remote_8 ;
            NEW_CURSOR_OPEN_ERROR
            for ( inputItemArrayIndex = 0 ; inputItemArrayIndex
< inputItemCount ; inputItemArrayIndex++ )
            {
                NEW_CURSOR_SEEK_NEXT_REMOTE
                EXEC SQL FETCH ISOL_Rem_Remote_8 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
                NEW_CURSOR_ERROR
            }
            EXEC SQL CLOSE ISOL_Rem_Remote_8;
            break ;
        case 9:
            EXEC SQL OPEN ISOL_Rem_Remote_9 ;
            NEW_CURSOR_OPEN_ERROR
            for ( inputItemArrayIndex = 0 ; inputItemArrayIndex
< inputItemCount ; inputItemArrayIndex++ )
            {
                NEW_CURSOR_SEEK_NEXT_REMOTE
                EXEC SQL FETCH ISOL_Rem_Remote_9 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
                NEW_CURSOR_ERROR
            }
            EXEC SQL CLOSE ISOL_Rem_Remote_9;
            break ;
        case 10:
            EXEC SQL OPEN ISOL_Rem_Remote_10 ;
            NEW_CURSOR_OPEN_ERROR
            for ( inputItemArrayIndex = 0 ; inputItemArrayIndex
< inputItemCount ; inputItemArrayIndex++ )
            {
                NEW_CURSOR_SEEK_NEXT_REMOTE
                EXEC SQL FETCH ISOL_Rem_Remote_10 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
                NEW_CURSOR_ERROR
            }
            EXEC SQL CLOSE ISOL_Rem_Remote_10;
            break ;
        case 11:
            EXEC SQL OPEN ISOL_Rem_Remote_11 ;
            NEW_CURSOR_OPEN_ERROR
            for ( inputItemArrayIndex = 0 ; inputItemArrayIndex
< inputItemCount ; inputItemArrayIndex++ )
            {
                NEW_CURSOR_SEEK_NEXT_REMOTE
                EXEC SQL FETCH ISOL_Rem_Remote_11 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
                NEW_CURSOR_ERROR
            }
            EXEC SQL CLOSE ISOL_Rem_Remote_11;
            break ;
        case 12:
            EXEC SQL OPEN ISOL_Rem_Remote_12 ;
            NEW_CURSOR_OPEN_ERROR
            for ( inputItemArrayIndex = 0 ; inputItemArrayIndex
< inputItemCount ; inputItemArrayIndex++ )
            {
                NEW_CURSOR_SEEK_NEXT_REMOTE
                EXEC SQL FETCH ISOL_Rem_Remote_12 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
                NEW_CURSOR_ERROR
            }

```

```

    }
    EXEC SQL CLOSE ISOL_Rem_Remote_12;
    break ;
case 13:
    EXEC SQL OPEN ISOL_Rem_Remote_13 ;
    NEW_CURSOR_OPEN_ERROR
    for ( inputItemArrayIndex = 0 ; inputItemArrayIndex
< inputItemCount ; inputItemArrayIndex++ )
    {
        NEW_CURSOR_SEEK_NEXT_REMOTE
        EXEC SQL FETCH ISOL_Rem_Remote_13 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
        NEW_CURSOR_ERROR
    }
    EXEC SQL CLOSE ISOL_Rem_Remote_13;
    break ;
case 14:
    EXEC SQL OPEN ISOL_Rem_Remote_14 ;
    NEW_CURSOR_OPEN_ERROR
    for ( inputItemArrayIndex = 0 ; inputItemArrayIndex
< inputItemCount ; inputItemArrayIndex++ )
    {
        NEW_CURSOR_SEEK_NEXT_REMOTE
        EXEC SQL FETCH ISOL_Rem_Remote_14 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
        NEW_CURSOR_ERROR
    }
    EXEC SQL CLOSE ISOL_Rem_Remote_14;
    break ;
case 15:
    EXEC SQL OPEN ISOL_Rem_Remote_15 ;
    NEW_CURSOR_OPEN_ERROR
    for ( inputItemArrayIndex = 0 ; inputItemArrayIndex
< inputItemCount ; inputItemArrayIndex++ )
    {
        NEW_CURSOR_SEEK_NEXT_REMOTE
        EXEC SQL FETCH ISOL_Rem_Remote_15 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
        NEW_CURSOR_ERROR
    }
    EXEC SQL CLOSE ISOL_Rem_Remote_15;
    break ;

default:
    sqlerror(NEWORD_SQL, "Default switch on remote
orderline/stock/index", __FILE__, __LINE__, &sqlca);
    goto ferror;
}

// Step 2 -- Process Local Order-Lines
switch( inputItemCount )
{
    case 5:
        EXEC SQL OPEN ISOL_Rem_Local_5 ;
        NEW_CURSOR_OPEN_ERROR
        for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
        {
            NEW_CURSOR_SEEK_NEXT_LOCAL
            EXEC SQL FETCH ISOL_Rem_Local_5 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
            NEW_CURSOR_ERROR
        }
        break ;
    case 6:
        EXEC SQL OPEN ISOL_Rem_Local_6 ;
        NEW_CURSOR_OPEN_ERROR
        for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
        {

```

```

            NEW_CURSOR_SEEK_NEXT_LOCAL
            EXEC SQL FETCH ISOL_Rem_Local_6 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
            NEW_CURSOR_ERROR
        }
        break ;
    case 7:
        EXEC SQL OPEN ISOL_Rem_Local_7 ;
        NEW_CURSOR_OPEN_ERROR
        for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
        {
            NEW_CURSOR_SEEK_NEXT_LOCAL
            EXEC SQL FETCH ISOL_Rem_Local_7 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
            NEW_CURSOR_ERROR
        }
        break ;
    case 8:
        EXEC SQL OPEN ISOL_Rem_Local_8 ;
        NEW_CURSOR_OPEN_ERROR
        for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
        {
            NEW_CURSOR_SEEK_NEXT_LOCAL
            EXEC SQL FETCH ISOL_Rem_Local_8 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
            NEW_CURSOR_ERROR
        }
        break ;
    case 9:
        EXEC SQL OPEN ISOL_Rem_Local_9 ;
        NEW_CURSOR_OPEN_ERROR
        for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
        {
            NEW_CURSOR_SEEK_NEXT_LOCAL
            EXEC SQL FETCH ISOL_Rem_Local_9 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
            NEW_CURSOR_ERROR
        }
        break ;
    case 10:
        EXEC SQL OPEN ISOL_Rem_Local_10 ;
        NEW_CURSOR_OPEN_ERROR
        for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
        {
            NEW_CURSOR_SEEK_NEXT_LOCAL
            EXEC SQL FETCH ISOL_Rem_Local_10 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
            NEW_CURSOR_ERROR
        }
        break ;
    case 11:
        EXEC SQL OPEN ISOL_Rem_Local_11 ;
        NEW_CURSOR_OPEN_ERROR
        for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
        {
            NEW_CURSOR_SEEK_NEXT_LOCAL
            EXEC SQL FETCH ISOL_Rem_Local_11 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
            NEW_CURSOR_ERROR
        }
        break ;
    case 12:
        EXEC SQL OPEN ISOL_Rem_Local_12 ;

```

```

            NEW_CURSOR_OPEN_ERROR
            for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
            {
                NEW_CURSOR_SEEK_NEXT_LOCAL
                EXEC SQL FETCH ISOL_Rem_Local_12 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
                NEW_CURSOR_ERROR
            }
            break ;
        case 13:
            EXEC SQL OPEN ISOL_Rem_Local_13 ;
            NEW_CURSOR_OPEN_ERROR
            for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
            {
                NEW_CURSOR_SEEK_NEXT_LOCAL
                EXEC SQL FETCH ISOL_Rem_Local_13 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
                NEW_CURSOR_ERROR
            }
            break ;
        case 14:
            EXEC SQL OPEN ISOL_Rem_Local_14 ;
            NEW_CURSOR_OPEN_ERROR
            for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
            {
                NEW_CURSOR_SEEK_NEXT_LOCAL
                EXEC SQL FETCH ISOL_Rem_Local_14 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
                NEW_CURSOR_ERROR
            }
            break ;
        case 15:
            EXEC SQL OPEN ISOL_Rem_Local_15 ;
            NEW_CURSOR_OPEN_ERROR
            for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
            {
                NEW_CURSOR_SEEK_NEXT_LOCAL
                EXEC SQL FETCH ISOL_Rem_Local_15 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
                NEW_CURSOR_ERROR
            }
            break ;
        default:
            sqlerror(NEWORD_SQL, "Default switch on
local orderline/stock/index", __FILE__, __LINE__, &sqlca );
            goto ferror;
        }
    }

// Local Order
else
{
    // Process Local Order-Lines
    switch( inputItemCount )
    {
        case 5:
            EXEC SQL OPEN ISOL_Local_5 ;
            NEW_CURSOR_OPEN_ERROR
            for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
            {
                EXEC SQL FETCH ISOL_Local_5 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
                NEW_CURSOR_ERROR
            }

```

```

    }
    break ;
case 6:
EXEC SQL OPEN ISOL_Local_6 ;
NEW_CURSOR_OPEN_ERROR
for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
{
EXEC SQL FETCH ISOL_Local_6 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
NEW_CURSOR_ERROR
}
break ;
case 7:
EXEC SQL OPEN ISOL_Local_7 ;
NEW_CURSOR_OPEN_ERROR
for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
{
EXEC SQL FETCH ISOL_Local_7 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
NEW_CURSOR_ERROR
}
break ;
case 8:
EXEC SQL OPEN ISOL_Local_8 ;
NEW_CURSOR_OPEN_ERROR
for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
{
EXEC SQL FETCH ISOL_Local_8 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
NEW_CURSOR_ERROR
}
break ;
case 9:
EXEC SQL OPEN ISOL_Local_9 ;
NEW_CURSOR_OPEN_ERROR
for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
{
EXEC SQL FETCH ISOL_Local_9 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
NEW_CURSOR_ERROR
}
break ;
case 10:
EXEC SQL OPEN ISOL_Local_10 ;
NEW_CURSOR_OPEN_ERROR
for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
{
EXEC SQL FETCH ISOL_Local_10 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
NEW_CURSOR_ERROR
}
break ;
case 11:
EXEC SQL OPEN ISOL_Local_11 ;
NEW_CURSOR_OPEN_ERROR
for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
{
EXEC SQL FETCH ISOL_Local_11 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
NEW_CURSOR_ERROR
}
break ;

```

```

case 12:
EXEC SQL OPEN ISOL_Local_12 ;
NEW_CURSOR_OPEN_ERROR
for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
{
EXEC SQL FETCH ISOL_Local_12 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
NEW_CURSOR_ERROR
}
break ;
case 13:
EXEC SQL OPEN ISOL_Local_13 ;
NEW_CURSOR_OPEN_ERROR
for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
{
EXEC SQL FETCH ISOL_Local_13 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
NEW_CURSOR_ERROR
}
break ;
case 14:
EXEC SQL OPEN ISOL_Local_14 ;
NEW_CURSOR_OPEN_ERROR
for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
{
EXEC SQL FETCH ISOL_Local_14 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
NEW_CURSOR_ERROR
}
break ;
case 15:
EXEC SQL OPEN ISOL_Local_15 ;
NEW_CURSOR_OPEN_ERROR
for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < inputItemCount ; inputItemArrayIndex++ )
{
EXEC SQL FETCH ISOL_Local_15 INTO
:item_price, :item_name, :i_data, :stockDistrictInformation ,
:s_data , :s_quantity ;
NEW_CURSOR_ERROR
}
break ;
default:
sqlerror(NEWORD_SQL, "Default switch on
local orderline/stock/index", __FILE__, __LINE__, &sqlca );
goto ferror;
}
}
for ( inputItemArrayIndex = 0 ;
inputItemArrayIndex < in_neword->s_O_OL_CNT // from
input
&& i_priceArray[ inputItemArrayIndex ] != 0 ;
inputItemArrayIndex++ )
{
// s_I_NAME, and s_S_QUANTITY already set as output host
variables
neword->item[ inputItemArrayIndex ].s_I_PRICE =
i_priceArray[ inputItemArrayIndex ] ;
if ( is_ORIGINAL( s_dataArray[ inputItemArrayIndex
].data, s_dataArray[ inputItemArrayIndex ].len )
&& is_ORIGINAL( i_dataArray[ inputItemArrayIndex
].data, i_dataArray[ inputItemArrayIndex ].len ) )
{

```

```

neword->item[ inputItemArrayIndex ].s_brand_generic =
'B';
}
else
{
neword->item[ inputItemArrayIndex ].s_brand_generic =
'G';
}
}
EXEC SQL
SELECT W_TAX, C_DISCOUNT, C_LAST, C_CREDIT, O_ENTRY_D
INTO :ware_tax, :c_discount, :c_last, :c_credit,
:o_entry_d
FROM TABLE ( NEW_WH ( :next_o_id
, :w_id
, :d_id
, :c_id
, :inputItemCount
, :allLocal
) AS NEW_WH_TABLE
);
if ( sqlca.sqlcode == 0 )
{
if ( neword->s_O_OL_CNT == in_neword->s_O_OL_CNT )
{
neword->s_transtatus = TRAN_OK ;
EXEC SQL COMMIT;
if( sqlca.sqlcode != 0 )
{
sqlerror(NEWORD_SQL, "COMMIT", __FILE__, __LINE__ ,
&sqlca ) ;
goto ferror;
}
}
else
{
neword->s_transtatus = INVALID_ITEM ;
EXEC SQL ROLLBACK WORK ;
if ( sqlca.sqlcode != 0 )
{
neword->s_transtatus = FATAL_SQLERROR;
sqlerror(NEWORD_SQL, "ROLLBACK FAILED (INVALID
ITEM)", __FILE__, __LINE__, &sqlca);
// no point in ferror
}
}
}
else
{
DLCHK( retry_tran );
sqlerror( NEWORD_SQL, "NEW_WH", __FILE__, __LINE__ ,
&sqlca);
goto ferror;
}
}
/*-----*/
/* Return to client */
/*-----*/
mexit:
if ( sqlca.sqlcode >= 0 )

```



```

memcpy( c_last_input.data , in_ordstat->s_C_LAST ,
c_last_input.len ) ;

EXEC SQL

SELECT O_ID, O_CARRIER_ID, O_ENTRY_D, C_BALANCE,
C_FIRST, C_MIDDLE, C_ID

INTO :o_id, :o_carrier_id , :o_entry_d , :c_balance,
:c_first, :c_middle, :c_id

FROM TABLE ( ORD_C_LAST( :w_id
, :d_id
, :c_last_input
) AS ORD_C_LAST
) ;
}
else
{
EXEC SQL

SELECT O_ID, O_CARRIER_ID, O_ENTRY_D , C_BALANCE,
C_FIRST, C_MIDDLE ,C_LAST

INTO :o_id, :o_carrier_id , :o_entry_d , :c_balance,
:c_first, :c_middle, :c_last

FROM TABLE ( ORD_C_ID( :w_id
, :d_id
, :c_id_input
) AS ORD_C_ID
) ;
}

if ( sqlca.sqlcode != 0 )
{
DLCHK( retry_tran );
sqlerror( ORDSTAT_SQL, "READ CUST and ORDERS", __FILE__,
__LINE__, &sqlca ) ;
goto ferror;
}

/*-----*/
/* Read ORDER_LINES */
/*-----*/

EXEC SQL OPEN read_orderline_cur ;

if ( sqlca.sqlcode != 0 )
{
DLCHK( retry_tran );
sqlerror(ORDSTAT_SQL, "OPEN CURSOR read_orderline_cur",
__FILE__, __LINE__, &sqlca ) ;
goto ferror;
}

itemArrayIndex = 0 ;
{
do
{
EXEC SQL FETCH read_orderline_cur

INTO :ol_i_id , :ol_supply_w_id , :ol_quantity
, :ol_amount , :ol_delivery_d ;

if ( sqlca.sqlcode == 0 )
{
ordstat->item[ itemArrayIndex ].s_OL_I_ID
= ol_i_id ;
ordstat->item[ itemArrayIndex ].s_OL_SUPPLY_W_ID
= ol_supply_w_id ;

```

```

ordstat->item[ itemArrayIndex ].s_OL_QUANTITY
= ol_quantity ;
ordstat->item[ itemArrayIndex ].s_OL_AMOUNT
= ol_amount ;
strcpy(ordstat->item[ itemArrayIndex
].s_OL_DELIVERY_D_time, ol_delivery_d ) ;

itemArrayIndex++;
}
else
if ( sqlca.sqlcode < 0 )
{
DLCHK( retry_tran ) ;
sqlerror( ORDSTAT_SQL, "FETCH CURSOR
read_orderline_cur" , __FILE__, __LINE__, &sqlca ) ;
goto ferror ;
}
}
while ( sqlca.sqlcode == 0 ) ;
}

ordstat->s_ol_cnt = itemArrayIndex ;
EXEC SQL COMMIT ;

if ( sqlca.sqlcode == 0 )
{
ordstat->s_transtatus = TRAN_OK ;
}
else
{
DLCHK( retry_tran ) ;
sqlerror(ORDSTAT_SQL, "COMMIT", __FILE__, __LINE__,
&sqlca);
goto ferror ;
}
}

mexit:

if ( sqlca.sqlcode >= 0 )
{
storedProcRc = SQLZ_HOLD_PROC ;
}
else
{
storedProcRc = SQLZ_DISCONNECT_PROC ;
}
}

#ifdef DEBUGIT
ord_debug(ordstat, in_ordstat, "SP prior to return");
#endif

return ( storedProcRc ) ;

ferror:

ordstat->s_transtatus = FATAL_SQLERROR ;

EXEC SQL ROLLBACK WORK ;

if ( sqlca.sqlcode != 0 )
{
sqlerror(ORDSTAT_SQL, "ROLLBACK FAILED", __FILE__,
__LINE__, &sqlca);
}

goto mexit;
}

// -----
// Delivery SERVER
// -----

```

```

#undef d_id
#undef c_id
#undef w_id
#undef o_carrier_id
#undef ol_delivery_d

SQL_API_RC delivery_internal ( char * pin, char * pout )
{
struct in_delivery_struct * in_delivery = (struct
in_delivery_struct *) pin ;
struct out_delivery_struct * delivery = (struct
out_delivery_struct *) pout ;

struct sqlca sqlca ;

int storedProcRc ;

short district_id ;
sqlint32 customer_id ;

EXEC SQL BEGIN DECLARE SECTION;

// input

###sqlint32 w_id ;
###short d_id ;
###sqlint32 c_id ;
###short o_carrier_id ;
###sqlint64 ol_delivery_d ;

// output

short no_o_id_indicator = 0 ;
sqlint32 no_o_id ;

EXEC SQL END DECLARE SECTION;

#define d_id district_id
#define c_id customer_id

#define w_id in_delivery->s_W_ID
#define o_carrier_id in_delivery->s_O_CARRIER_ID
#define ol_delivery_d in_delivery->s_O_DELIVERY_D_time

delivery->deadlocks = -1 ;

#ifdef DEBUGIT
del_debug( delivery, in_delivery, "SP upon entry");
#endif

// Deadlock Handling
// -----
// Since we COMMIT inside the for() loop, we must take
special
// care while handling deadlocks. This is best explained by
// an example.
//
// Assume we deadlock on d_id=6. This means that an order
from the
// first 5 districts have already been delivered. We will
then
// restart the loop (retry_tran). However, the loop will
restart
// at d_id = 1! This means that the second (and all
subsequent)
// time through the loop, we will deliver orders for
districts that
// have already been delivered, with the net result being
more than
// 10 orders being delivered.
//
// The solution to this problem is to initialize the starting
point

```

```

// of the loop *before* the retry_tran label. This will
ensure that
// if we deadlock, we will restart the loop with the same
district
// that we deadlocked on, and we won't deliver any extra
orders.
//
// NOTE: If we ever change this back to one COMMIT per
transaction
// (instead of one COMMIT per iteration), then the
initialization
// of d_id must be moved back into the for loop. (A rollback
due
// to deadlock in this case would rollback all delivered
orders so
// far, so we'd need to re-deliver them all on the next
iteration.)

d_id = 1;

retry_tran:

delivery->deadlocks++;

for ( ; d_id <= DISTRICTS_PER_WAREHOUSE ; d_id++)
{
no_o_id = 0 ;
no_o_id_indicator = 0 ;

EXEC SQL BEGIN COMPOUND NOT ATOMIC STATIC

SELECT O_ID

INTO :no_o_id :no_o_id_indicator

FROM TABLE ( DEL( :w_id , :d_id , :o_carrier_id )
) AS T ;

COMMIT ;

END COMPOUND ;

if ( sqlca.sqlcode == 0 )
{
delivery->s_O_ID[ d_id - 1 ] = no_o_id ;
}
else
{
DLCHK( retry_tran ) ;

sqlerror( DELIVERY_SQL , "DELIVERY", __FILE__, __LINE__
, &sqlca);
goto ferror ;
}

delivery->s_transtatus = TRAN_OK ;

mexit:

if ( sqlca.sqlcode >= 0 )
{
storedProcRc = SQLZ_HOLD_PROC ;
}
else
{
storedProcRc = SQLZ_DISCONNECT_PROC ;
}

#ifdef DEBUGIT
del_debug( delivery, in_delivery, "SP prior to return");
#endif

return ( storedProcRc ) ;

```

```

ferror:

delivery->s_transtatus = FATAL_SQLERROR ;

EXEC SQL ROLLBACK WORK ;

if ( sqlca.sqlcode != 0 )
{
sqlerror( DELIVERY_SQL, "ROLLBACK FAILED", __FILE__,
__LINE__ , &sqlca ) ;
}

goto mexit ;
}

// -----
// Stored Procedure Stubs
// -----

SQL_API_RC SQL_API_FN news( char *pin, char *pout )
{
return new_order_internal( pin, pout ) ;
}

SQL_API_RC SQL_API_FN ords( char *pin, char *pout )
{
return order_status_internal( pin, pout ) ;
}

SQL_API_RC SQL_API_FN dels ( char * pin, char * pout )
{
return delivery_internal( pin, pout ) ;
}

include/db2tpcc.h

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*****
*****/

/*
* db2tpcc.h - Macros and Miscellany
*/

#ifdef __DB2TPCC_H
#define __DB2TPCC_H

#include <sys/types.h>

#include "lval.h"

/*
*****
*****/

```

```

/* Transaction Return Codes (s_transtatus)
*/
/*
***** */
#define INVALID_ITEM 100
#define TRAN_OK 0
#define FATAL_SQLERROR -1

/*
***** */
/* Definition of Unused and Bad Items
*/
/*
***** */
/* Define unused item ID to be 0. This allows the SUT to
determine the
*/
/* number of items in the order as required by 2.4.1.3 and
2.4.2.2 since
*/
/* the assumption that any item with OL_I_ID = 0 is unused will
be true.
*/
/* This in turn requires that the value used for an invalid item
is
*/
/* equal to ITEMS + 1.
*/
/*
***** */

#define INVALID_ITEM_ID (2 * ITEMS) + 1
#define UNUSED_ITEM_ID 0

#define MIN_WAREHOUSE 1
#define MAX_WAREHOUSE WAREHOUSES

/*****
*****/
/* NURand Constants
*/
/*
*/
/* C_C_LAST_RUN and C_C_LAST_LOAD must adhere to clause 2.1.6.
*/
/* Analysis indicates that a C_LAST delta of 85 is optimal.
*/
/*****
*****/
#define C_C_LAST_RUN 88
#define C_C_LAST_LOAD 173
#define C_C_ID 319
#define C_OL_I_ID 3849
#define A_C_LAST 255
#define A_C_ID 1023
#define A_OL_I_ID 8191

/*****
*****/
/* Transaction Type Identifiers
*/
/*
*****
*****/

#define CLIENT_SQL 0
#define NEWORD_SQL 1
#define PAYMENT_SQL 2
#define ORDSTAT_SQL 3
#define DELIVERY_SQL 4
#define STOCKLEV_SQL 5

#define SPGENERAL_PAD 3
#define SPGENERAL_ADJUST sizeof(int16_t)

struct in_neword_struct {

```

```

int16_t len;
int16_t pad[SPGENERAL_PAD];
struct in_items_struct {
    int32_t s_OL_I_ID;
    int32_t s_OL_SUPPLY_W_ID;
    int16_t s_OL_QUANTITY;
    int16_t pad1[3];
} in_item[15];
int32_t s_C_ID;
int32_t s_W_ID;
int16_t s_D_ID;
int16_t s_O_OL_CNT; /* init by SUT */
int16_t s_all_local;
int16_t duplicate_items;
};

struct out_neword_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    struct items_struct {
        float s_I_PRICE;
        float s_OL_AMOUNT;
        int16_t s_S_QUANTITY;
        int16_t pad2;
        char s_I_NAME[25];
        char s_brand_generic;
    } item[15];
    float s_W_TAX;
    float s_D_TAX;
    float s_C_DISCOUNT;
    float s_total_amount;
    int32_t s_O_ID;
    int16_t s_O_OL_CNT;
    int16_t s_transtatus;
    int16_t deadlocks;
    char s_C_LAST[17];
    char s_C_CREDIT[3];
    char s_O_ENTRY_D_time[27];
};

struct in_payment_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    float s_H_AMOUNT;
    int32_t s_W_ID;
    int32_t s_C_W_ID;
    int32_t s_C_ID;
    int16_t s_C_D_ID;
    int16_t s_D_ID;
    char s_C_LAST[17];
};

struct out_payment_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    double s_C_CREDIT_LIM;
    double s_C_BALANCE;
    float s_C_DISCOUNT;
    int32_t s_C_ID;
    int16_t s_transtatus;
    int16_t deadlocks;
    char s_W_STREET_1[21];
    char s_W_STREET_2[21];
    char s_W_CITY[21];
    char s_W_STATE[3];
    char s_W_ZIP[10];
    char s_D_STREET_1[21];
    char s_D_STREET_2[21];
    char s_D_CITY[21];
    char s_D_STATE[3];
    char s_D_ZIP[10];
    char s_C_FIRST[17];
    char s_C_MIDDLE[3];
    char s_C_LAST[17];
};

char s_C_LAST[17];
char s_C_STREET_1[21];
char s_C_STREET_2[21];
char s_C_CITY[21];
char s_C_STATE[3];
char s_C_ZIP[10];
char s_C_PHONE[17];
char s_C_CREDIT[3];
char s_C_DATA[201];
char s_H_DATE_time[27];
char s_C_SINCE_time[27];
};

struct in_ordstat_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    int32_t s_C_ID;
    int32_t s_W_ID;
    int16_t s_D_ID;
    int16_t pad1[3];
    char s_C_LAST[17];
};

struct out_ordstat_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    double s_C_BALANCE;
    int32_t s_C_ID;
    int32_t s_O_ID;
    int16_t s_O_CARRIER_ID;
    int16_t s_ol_cnt;
    int16_t pad1[2];
    struct oitems_struct {
        double s_OL_AMOUNT;
        int32_t s_OL_I_ID;
        int32_t s_OL_SUPPLY_W_ID;
        int16_t s_OL_QUANTITY;
        int16_t pad2;
        char s_OL_DELIVERY_D_time[27];
    } item[15];
    int16_t s_transtatus;
    int16_t deadlocks;
    char s_C_FIRST[17];
    char s_C_MIDDLE[3];
    char s_C_LAST[17];
    char s_O_ENTRY_D_time[27];
    int16_t pad3[2];
};

struct in_delivery_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    int32_t s_W_ID;
    int16_t s_O_CARRIER_ID;
};

struct out_delivery_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    int32_t s_O_ID[10];
    int16_t s_transtatus;
    int16_t deadlocks;
};

struct in_stocklev_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    int32_t s_threshold;
    int32_t s_W_ID;
    int16_t s_D_ID;
};

struct out_stocklev_struct {
    int16_t len;
};

int16_t pad[SPGENERAL_PAD];
int32_t s_low_stock;
int16_t s_transtatus;
int16_t deadlocks;
};

/*
***** */
/* Transaction Prototypes
*/
/*
***** */

#ifdef __cplusplus
extern "C" {
#endif

extern int neword_sql(struct in_neword_struct*, struct
out_neword_struct*);
extern int payment_sql(struct in_payment_struct*, struct
out_payment_struct*);
extern int ordstat_sql(struct in_ordstat_struct*, struct
out_ordstat_struct*);
extern int delivery_sql(struct in_delivery_struct*, struct
out_delivery_struct*);
extern int stocklev_sql(struct in_stocklev_struct*, struct
out_stocklev_struct*);

#ifdef __cplusplus
}
#endif

/*
***** */
/* DB2 Connect/Disconnect & Thread Context Wrappers
*/
/*
***** */

#ifdef __cplusplus
extern "C" {
#endif

extern int connect_to_TM(char*);
extern int connect_to_TM_auth(char*, char*, char*);
extern int disconnect_from_TM(void);

#ifdef __cplusplus
}
#endif

#ifdef __cplusplus
}
#endif

#include/lval.h

/* lval.h - generated automatically at 20100729.0012 */

#ifdef __LVAL_H
#define __LVAL_H
#define WAREHOUSES 960000
#define DISTRICTS_PER_WAREHOUSE 10
#define CUSTOMERS_PER_DISTRICT 3000
#define ITEMS 100000
#define STOCK_PER_WAREHOUSE 100000
#define MIN_OL_PER_ORDER 5
#define MAX_OL_PER_ORDER 15

```

```

#define NU_ORDERS_PER_DISTRICT 900
#endif // __LVAL_H

#include/tpccapp.h

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/*
 * tpccapp.h - Application Macros
 */

#ifndef __TPCCAPP_H
#define __TPCCAPP_H

#include <stdio.h>
#include <stdlib.h>
#include <unistd.h>
#include <string.h>
#include <time.h>

#define daricall

#include "sqlca.h"
#include "sqlcodes.h"

#ifdef SWAP_ENDIAN
#define SWAP_BYTE(Var) SwapEndian((void*)&Var, sizeof(Var))

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*****/

FUNCTION: SwapEndian
PURPOSE: Swap the byte order of a structure
EXAMPLE: int I=0x12345678; SWAP_BYTE(I); I => 0x78563412;
IMPLEMENTATION: Fold Addr in half, swap header & tail by XOR
op
    e.g.: *a = 0x12 [ Addr + 0];
          *b = 0x78 [ Add + 4 - 0 - 1 = Addr+3];
          *a ^= *b;          // sets *a to 0x6A
          *b ^= *a;          // sets *b to 0x12
          *a ^= *b;          // sets *a to 0x78

          Now *a => 0x78 && *b => 0x12
*****/

void SwapEndian(void *Addr, int nb)
{
    int i;
    for (i=0; i<nb/2; i++)
    {
        char *a = (char*)Addr+i;
        char *b = (char*)Addr+(nb-i-1);

        *a ^= *b;
        *b ^= *a;
        *a ^= *b;
    }
}

```

```

}
}
#endif //SWAP_ENDIAN

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*****/

#define DLCHK(a) \
    if (sqlca.sqlcode == SQL_RC_E911) { goto a; }

#define NACOMPCHK(last) \
    if (sqlca.sqlcode != SQL_RC_E1339) { last = -1; } \
    else { int a = ((sqlca.sqlerrmc[4] == 0x20) ? 0 : \
    sqlca.sqlerrmc[4]-0x30); \
          int b = ((sqlca.sqlerrmc[5] == 0x20) ? 0 : \
    sqlca.sqlerrmc[5]-0x30); \
          if (b == 0) { last = a; } else { last = a * 10 + b; } \
    }

#endif // __TPCCAPP_H

include/tpccdbg.h

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*****/

/*
 * tpccdbg.h - Debugging Macros
 */

#ifndef __TPCCDBG_H
#define __TPCCDBG_H

#ifdef __cplusplus
extern "C" {
#endif

extern void sqlerror (int tranType, char *msg, char *file, int
line,
                    SQL_STRUCTURE sqlca *psqlca);

extern void new_debug (struct out_neword_struct *neword_ptr,
struct in_neword_struct *in_neword_ptr,
char *msg);
extern void pay_debug (struct out_payment_struct *payment_ptr,
struct in_payment_struct *in_payment_ptr,
char *msg);
extern void ord_debug (struct out_ordstat_struct *ordstat_ptr,
struct in_ordstat_struct *in_ordstat_ptr,
char *msg);
extern void del_debug (struct out_delivery_struct *delivery_ptr,

```

```

struct in_delivery_struct
*in_delivery_ptr,
char *msg);
extern void stk_debug (struct out_stocklev_struct *stocklev_ptr,
struct in_stocklev_struct
*in_stocklev_ptr,
char *msg);

extern void new_print (struct out_neword_struct *neword_ptr,
struct in_neword_struct *in_neword_ptr,
char *filename,
char *msg);
extern void pay_print (struct out_payment_struct *payment_ptr,
struct in_payment_struct *in_payment_ptr,
char *filename,
char *msg);
extern void ord_print (struct out_ordstat_struct *ordstat_ptr,
struct in_ordstat_struct *in_ordstat_ptr,
char *filename,
char *msg);
extern void del_print (struct out_delivery_struct *delivery_ptr,
struct in_delivery_struct
*in_delivery_ptr,
char *filename,
char *msg);

extern void stk_print (struct out_stocklev_struct *stocklev_ptr,
struct in_stocklev_struct
*in_stocklev_ptr,
char *filename,
char *msg);

#ifdef __cplusplus
}
#endif

#endif // __TPCCDBG_H

tpccenv.sh

#####
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#####
#####

#
# tpccenv.sh - UNIX Environment Setup
#

# The Kit Version
export TPCC_VERSION=CK100419

# The DB2 Instance Name (for DB2)
export DB2INSTANCE=${USER}

# The OS being used (i.e. "UNIX", "LINUX", "WINDOWS")
export PLATFORM=UNIX

# The type of make command and slash used by the OS.
# (i.e. UNIX - "/", WINDOWS - "\\").

```

```
# These are referenced all over the kit.
export SLASH="/";
export MAKE=make

# Specifies whether or not to use dari stored proc's for the
TPC-C driver. Set to either DARIVERSION or NONDARI;
#export TPCC_SPTYPE=NOSP
#export TPCC_SPTYPE=SPGENERAL2
export TPCC_SPTYPE=SPGENERAL
#export TPCC_SPTYPE=DARI2SQLDA

# The schema name is typically the SQL authorization ID (or
username).
# This is required for runstats and EEE.
export TPCC_SCHEMA=${USER}
export SERVER_TPCC_SCHEMA=${USER}

# DB2 EE/EEE Configuration
#export DB2EDITION=EE
export DB2EDITION=DPF

# TPCC General Configuration
export TPCC_DBNAME=TPCC
export TPCC_ROOT=${HOME}/tpcc21
export TPCC_SQLLIB=${HOME}/sqllib
export TPCC_RUNDATA=${HOME}/tpccdata

# TPCC Debug Configuration
# This is the path where all error and debug logs are placed.
# To get debugging from within the stored procedures, you must
# set DB2ENVLIST="TPCC_DEBUGDIR" in tpcc.config.
export TPCC_DEBUGDIR=/tmp

# Specifies where stored procedures should be placed and if they
should
# be fenced.
export TPCC_SPDIR=${TPCC_SQLLIB}/function
export TPCC_FENCED=NO
```

Appendix - B: Tunable Parameters

B.1 Database Parameters.

db.cfg.out

```

Database Configuration for Database TPCC

Database configuration release level      = 0x0d00
Database release level                   = 0x0d00

Database territory                       = us
Database code page                       = 819
Database code set                        = iso8859-1
Database country/region code            = 1
Database collating sequence              = IDENTITY
Alternate collating sequence             (ALT_COLLATE) =
Number compatibility                     = OFF
Varchar2 compatibility                  = OFF
Date compatibility                       = OFF
Database page size                       = 4096

Dynamic SQL Query management            (DYN_QUERY_MGMT) = DISABLE

Statement concentrator                   (STMT_CONC) = OFF

Discovery support for this database       (DISCOVER_DB) = ENABLE

Restrict access                          = NO
Default query optimization class         (DFT_QUERYOPT) = 5
Degree of parallelism                    (DFT_DEGREE) = 1
Continue upon arithmetic exceptions      (DFT_SQLMATHWARN) = NO
Default refresh age                      (DFT_REFRESH_AGE) = 0
Default maintained table types for opt    (DFT_MTTB_TYPES) = SYSTEM
Number of frequent values retained       (NUM_FREQVALUES) = 10
Number of quantiles retained             (NUM_QUANTILES) = 20

Decimal floating point rounding mode      (DECFLT_ROUNDING) = ROUND_HALF_EVEN

Backup pending                           = NO

All committed transactions have been written to disk = YES
Rollforward pending                      = NO
Restore pending                           = NO

Multi-page file allocation enabled        = YES

Log retain for recovery status            = RECOVERY
User exit for logging status              = NO

Self tuning memory                       (SELF_TUNING_MEM) = OFF
Size of database shared memory (4KB)     (DATABASE_MEMORY) = 12909632
Database memory threshold                (DB_MEM_THRESH) = 10
Max storage for lock list (4KB)          (LOCKLIST) = 10000
Percent. of lock lists per application    (MAXLOCKS) = 100
Package cache size (4KB)                 (PCKCACHESZ) = 3000
Sort heap thres for shared sorts (4KB)    (SHEAPTHRES_SHR) = 250
Sort list heap (4KB)                     (SORTHEAP) = 16

Database heap (4KB)                      (DBHEAP) = 8192
Catalog cache size (4KB)                 (CATALOGCACHE_SZ) = (MAXAPPLS*5)
Log buffer size (4KB)                    (LOGBUFSZ) = 60000

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Utilities heap size (4KB)                 (UTIL_HEAP_SZ) = 5000
Buffer pool size (pages)                 (BUFFPAGE) = 1000
SQL statement heap (4KB)                 (STMTHEAP) = 16384
Default application heap (4KB)           (APPLHEAPSZ) = AUTOMATIC(128)
Application Memory Size (4KB)            (APPL_MEMORY) = AUTOMATIC(350000)
Statistics heap size (4KB)               (STAT_HEAP_SZ) = AUTOMATIC(4384)

Interval for checking deadlock (ms)       (DLCHKTIME) = 3000
Lock timeout (sec)                       (LOCKTIMEOUT) = -1

Changed pages threshold                   (CHNGPGS_THRESH) = 40
Number of asynchronous page cleaners      (NUM_IOCLEANERS) = 8
Number of I/O servers                    (NUM_IOSERVERS) = 1
Index sort flag                          (INDEXSORT) = YES
Sequential detect flag                   (SEQDETECT) = NO
Default prefetch size (pages)            (DFT_PREFETCH_SZ) = AUTOMATIC

Track modified pages                     (TRACKMOD) = OFF

Default number of containers              = 1
Default tablespace extentsize (pages)    (DFT_EXTENT_SZ) = 32

Max number of active applications         (MAXAPPLS) = AUTOMATIC(1100)
Average number of active applications    (AVG_APPLS) = 1
Max DB files open per application        (MAXFILOP) = 800

Log file size (4KB)                     (LOGFILSZ) = 65535
Number of primary log files              (LOGPRIMARY) = 60
Number of secondary log files            (LOGSECOND) = 0
Changed path to log files                (NEWLOGPATH) =
Path to log files                        = /dblogs/NODE0000/
Overflow log path                        (OVERFLOWLOGPATH) =
Mirror log path                          (MIRRORLOGPATH) =
First active log file                    = S0000005.LOG
Block log on disk full                   (BLK_LOG_DSK_FUL) = NO
Block non logged operations               (BLOCKNONLOGGED) = NO
Percent max primary log space by transaction (MAX_LOG) = 0
Num. of active log files for 1 active UOW(NUM_LOG_SPAN) = 0

Group commit count                       (MINCOMMIT) = 1
Percent log file reclaimed before soft ckcpt (SOFTMAX) = 3451
Log retain for recovery enabled           (LOGRETAIN) = RECOVERY
User exit for logging enabled             (USEREXIT) = OFF

HADR database role                       = STANDARD
HADR local host name                     (HADR_LOCAL_HOST) =
HADR local service name                  (HADR_LOCAL_SVC) =
HADR remote host name                    (HADR_REMOTE_HOST) =
HADR remote service name                 (HADR_REMOTE_SVC) =
HADR instance name of remote server      (HADR_REMOTE_INST) =
HADR timeout value                       (HADR_TIMEOUT) = 120
HADR log write synchronization mode      (HADR_SYNCMODE) = NEARSYNC
HADR peer window duration (seconds)      (HADR_PEER_WINDOW) = 0

First log archive method                 (LOGARCHMETH1) = LOGRETAIN
Options for logarchmeth1                 (LOGARCHOPT1) =
Second log archive method                (LOGARCHMETH2) = OFF
Options for logarchmeth2                 (LOGARCHOPT2) =
Failover log archive path                (FAILARCHPATH) =
Number of log archive retries on error    (NUMARCHRETRY) = 5
Log archive retry Delay (secs)           (ARCHRETRYDELAY) = 20
Vendor options                           (VENDOROPT) =

Auto restart enabled                     (AUTORESTART) = ON
Index re-creation time and redo index build (INDEXREC) = SYSTEM (RESTART)
Log pages during index build              (LOGINDEXBUILD) = OFF
Default number of loadrec sessions        (DFT_LOADREC_SES) = 1
Number of database backups to retain     (NUM_DB_BACKUPS) = 12
Recovery history retention (days)        (REC_HIS_RETENTN) = 366
Auto deletion of recovery objects        (AUTO_DEL_REC_OBJ) = OFF

TSM management class                     (TSM_MGMTCLASS) =
TSM node name                            (TSM_NODENAME) =

```

```

TSM owner                                (TSM_OWNER) =
TSM password                              (TSM_PASSWORD) =

Automatic maintenance                    (AUTO_MAINT) = OFF
Automatic database backup                 (AUTO_DB_BACKUP) = OFF
Automatic table maintenance              (AUTO_TBL_MAINT) = OFF
Automatic runstats                        (AUTO_RUNSTATS) = OFF
Automatic statement statistics           (AUTO_STMT_STATS) = OFF
Automatic statistics profiling           (AUTO_STATS_PROF) = OFF
Automatic profile updates                 (AUTO_PROF_UPD) = OFF
Automatic reorganization                 (AUTO_REORG) = OFF

Auto-Revalidation                        (AUTO_REVAL) = DISABLED
Currently Committed                      (CUR_COMMIT) = DISABLED
CHAR output with DECIMAL input           (DEC_TO_CHAR_FMT) = NEW
Enable XML Character operations           (ENABLE_XMLCHAR) = YES
WLM Collection Interval (minutes)        (WLM_COLLECT_INT) = 0
Monitor Collect Settings

Request metrics                          (MON_REQ_METRICS) = NONE
Activity metrics                          (MON_ACT_METRICS) = NONE
Object metrics                            (MON_OBJ_METRICS) = NONE
Unit of work events                      (MON_UOW_DATA) = NONE
Lock timeout events                      (MON_LOCKTIMEOUT) = NONE
Deadlock events                          (MON_DEADLOCK) = WITHOUT_HIST
Lock wait events                          (MON_LOCKWAIT) = NONE
Lock wait event threshold                 (MON_LW_THRESH) = 5000000
Number of package list entries            (MON_PGKLIST_SZ) = 32
Lock event notification level             (MON_LCK_MSG_LVL) = 1

SMTP Server                              (SMTP_SERVER) =
SQL conditional compilation flags         (SQL_CCFLAGS) =
Section actuals setting                   (SECTION_ACTUALS) = NONE

```

dbm.cfg.out

```

Database Manager Configuration

Node type = Enterprise Server Edition with local and remote clients

Database manager configuration release level = 0x0d00

CPU speed (millisec/instruction)         (CPUSPEED) = 3.424496e-07
Communications bandwidth (MB/sec)        (COMM_BANDWIDTH) = 1.024000e+02

Max number of concurrently active databases (NUMDB) = 1
Federated Database System Support         (FEDERATED) = NO
Transaction processor monitor name        (TP_MON_NAME) =

Default charge-back account               (DFT_ACCOUNT_STR) =

Java Development Kit installation path     (JDK_PATH) = /home/tpcc/sqlib/java/jdk64

Diagnostic error capture level             (DIAGLEVEL) = 1
Notify Level                              (NOTIFYLEVEL) = 1
Diagnostic data directory path            (DIAGPATH) =
Size of rotating db2diag & notify logs (MB) (DIAGSIZE) = 0

Default database monitor switches

Buffer pool                              (DFT_MON_BUFPOOL) = OFF
Lock                                      (DFT_MON_LOCK) = OFF
Sort                                      (DFT_MON_SORT) = OFF
Statement                                (DFT_MON_STMT) = OFF
Table                                     (DFT_MON_TABLE) = OFF
Timestamp                                (DFT_MON_TIMESTAMP) = OFF
Unit of work                             (DFT_MON_UOW) = OFF

```

Monitor health of instance and databases (HEALTH_MON) = OFF

SYSADM group name (SYSADM_GROUP) = STAFF
SYSCtrl group name (SYSCtrl_GROUP) =
SYSMAINT group name (SYSMAINT_GROUP) =
SYSMON group name (SYSMON_GROUP) =

Client Userid-Password Plugin (CLNT_PW_PLUGIN) =
Client Kerberos Plugin (CLNT_KRB_PLUGIN) =
Group Plugin (GROUP_PLUGIN) =
GSS Plugin for Local Authorization (LOCAL_GSSPLUGIN) =
Server Plugin Mode (SRV_PLUGIN_MODE) = UNFENCED
Server List of GSS Plugins (SRVCON_GSSPLUGIN_LIST) =
Server Userid-Password Plugin (SRVCON_PW_PLUGIN) =
Server Connection Authentication (SRVCON_AUTH) = NOT_SPECIFIED
Cluster manager (CLUSTER_MGR) =

Database manager authentication (AUTHENTICATION) = CLIENT
Alternate authentication (ALTERNATE_AUTH_ENC) = NOT_SPECIFIED
Cataloging allowed without authority (CATALOG_NOAUTH) = NO
Trust all clients (TRUST_ALLCLNTS) = YES
Trusted client authentication (TRUST_CLNTAUTH) = CLIENT
Bypass federated authentication (FED_NOAUTH) = NO

Default database path (DFTDBPATH) = /home/tpcc

Database monitor heap size (4KB) (MON_HEAP_SZ) = 4096
Java Virtual Machine heap size (4KB) (JAVA_HEAP_SZ) = 2048
Audit buffer size (4KB) (AUDIT_BUF_SZ) = 0
Size of instance shared memory (4KB) (INSTANCE_MEMORY) = AUTOMATIC(15360512)
Backup buffer default size (4KB) (BACKBUFSZ) = 1024
Restore buffer default size (4KB) (RESTBUFSZ) = 1024

Agent stack size (AGENT_STACK_SZ) = 1024
Sort heap threshold (4KB) (SHEAPTHRES) = 0

Directory cache support (DIR_CACHE) = YES

Application support layer heap size (4KB) (ASLHEAPSZ) = 15
Max requester I/O block size (bytes) (RQRIOBLK) = 4096
Query heap size (4KB) (QUERY_HEAP_SZ) = 1000

Workload impact by throttled utilities(UTIL_IMPACT_LIM) = 10

Priority of agents (AGENTPRI) = SYSTEM
Agent pool size (NUM_POOLAGENTS) = 150
Initial number of agents in pool (NUM_INITAGENTS) = 150
Max number of coordinating agents (MAX_COORDAGENTS) = AUTOMATIC(200)
Max number of client connections (MAX_CONNECTIONS) = AUTOMATIC(MAX_COORDAGENTS)

Keep fenced process (KEEPFENCED) = YES
Number of pooled fenced processes (FENCED_POOL) = AUTOMATIC(MAX_COORDAGENTS)
Initial number of fenced processes (NUM_INITFENCED) = 0

Index re-creation time and redo index build (INDEXREC) = RESTART

Transaction manager database name (TM_DATABASE) = 1ST_CONN
Transaction resync interval (sec) (RESYNC_INTERVAL) = 180

SPM name (SPM_NAME) =
SPM log size (SPM_LOG_FILE_SZ) = 256
SPM resync agent limit (SPM_MAX_RESYNC) = 20
SPM log path (SPM_LOG_PATH) =

TCP/IP Service name (SVCNAME) = DB2_ctcp
Discovery mode (DISCOVER) = SEARCH
Discover server instance (DISCOVER_INST) = ENABLE

SSL server keydb file (SSL_SVR_KEYDB) =
SSL server stash file (SSL_SVR_STASH) =
SSL server certificate label (SSL_SVR_LABEL) =
SSL service name (SSL_SVCNAME) =
SSL cipher specs (SSL_CIPHERSPECS) =

SSL versions (SSL_VERSIONS) =
SSL client keydb file (SSL_CLNT_KEYDB) =
SSL client stash file (SSL_CLNT_STASH) =

Maximum query degree of parallelism (MAX_QUERYDEGREE) = ANY
Enable intra-partition parallelism (INTRA_PARALLEL) = NO

Maximum Asynchronous TQs per query (FEDERATED_ASYNC) = 0

No. of int. communication buffers(4KB)(FCM_NUM_BUFFERS) = AUTOMATIC(8192)
No. of int. communication channels (FCM_NUM_CHANNELS) = AUTOMATIC(3072)
Node connection elapse time (sec) (CONN_ELAPSE) = 10
Max number of node connection retries (MAX_CONNRETRIES) = 5
Max time difference between nodes (min) (MAX_TIME_DIFF) = 60

db2start/db2stop timeout (min) (START_STOP_TIME) = 90

db2set.cfg.out

```
[i] DB2_PMODEL_SETTINGS=MLN_REMOTE_LISTENER:TRUE,ENHANCED_ROLLBACK:TRUE
[i] DB2_LARGE_PAGE_MEM=DB
[i] DB2_SELUDI_COMM_BUFFER=YES
[i] DB2_USE_ALTERNATE_PAGE_CLEANING=YES
[i] DB2_MAX_NON_TABLE_LOCKS=500
[i] DB2_KEEPTABLELOCK=CONNECTION
[i] DB2_ALLOCATION_SIZE=8388608
[i] DB2_LOGGER_NON_BUFFERED_IO=ON
[i] DB2_FMP_COMM_HEAPSZ=1200
[i] DB2_APM_PERFORMANCE=ON
[i] DB2_EXTENDED_OPTIMIZATION=SNHD
[i] DB2ASSUMEUPDATE=ON
[i] DB2CHECKCLIENTINTERVAL=0
[i] DB2_HASH_JOIN=OFF
[i] DB2CHKSQLDA=OFF
[i] DB2_COLLECT_TS_REC_INFO=OFF
[i] DB2COMM=tcpp
[g] DB2INSTDEF=tpcc
```

db2nodes.cfg

```
0 cluster1mr64 0 cluster1mr64fcm1 DB2/LN1
1 cluster1mr64 1 cluster1mr64fcm1 DB2/LN2
2 cluster1mr64 2 cluster1mr64fcm1 DB2/LN3
3 cluster1mr64 3 cluster1mr64fcm1 DB2/LN4
4 cluster1mr64 4 cluster1mr64fcm2 DB2/LN5
5 cluster1mr64 5 cluster1mr64fcm2 DB2/LN6
6 cluster1mr64 6 cluster1mr64fcm2 DB2/LN7
7 cluster1mr64 7 cluster1mr64fcm2 DB2/LN8
8 cluster1mr64 8 cluster1mr64fcm3 DB2/LN9
9 cluster1mr64 9 cluster1mr64fcm3 DB2/LN10
10 cluster1mr64 10 cluster1mr64fcm3 DB2/LN11
11 cluster1mr64 11 cluster1mr64fcm3 DB2/LN12
12 cluster1mr64 12 cluster1mr64fcm4 DB2/LN13
13 cluster1mr64 13 cluster1mr64fcm4 DB2/LN14
14 cluster1mr64 14 cluster1mr64fcm4 DB2/LN15
15 cluster1mr64 15 cluster1mr64fcm4 DB2/LN16
16 cluster1mr64 16 cluster1mr64fcm5 DB2/LN17
17 cluster1mr64 17 cluster1mr64fcm5 DB2/LN18
18 cluster1mr64 18 cluster1mr64fcm5 DB2/LN19
19 cluster1mr64 19 cluster1mr64fcm5 DB2/LN20
20 cluster1mr64 20 cluster1mr64fcm6 DB2/LN21
21 cluster1mr64 21 cluster1mr64fcm6 DB2/LN22
22 cluster1mr64 22 cluster1mr64fcm6 DB2/LN23
23 cluster1mr64 23 cluster1mr64fcm6 DB2/LN24
24 cluster1mr64 24 cluster1mr64fcm7 DB2/LN25
25 cluster1mr64 25 cluster1mr64fcm7 DB2/LN26
26 cluster1mr64 26 cluster1mr64fcm7 DB2/LN27
```

```
27 cluster1mr64 27 cluster1mr64fcm7 DB2/LN28
28 cluster1mr64 28 cluster1mr64fcm8 DB2/LN29
29 cluster1mr64 29 cluster1mr64fcm8 DB2/LN30
30 cluster1mr64 30 cluster1mr64fcm8 DB2/LN31
31 cluster1mr64 31 cluster1mr64fcm8 DB2/LN32
32 cluster2mr64 0 cluster2mr64fcm1 DB2/LN1
33 cluster2mr64 1 cluster2mr64fcm1 DB2/LN2
34 cluster2mr64 2 cluster2mr64fcm1 DB2/LN3
35 cluster2mr64 3 cluster2mr64fcm1 DB2/LN4
36 cluster2mr64 4 cluster2mr64fcm2 DB2/LN5
37 cluster2mr64 5 cluster2mr64fcm2 DB2/LN6
38 cluster2mr64 6 cluster2mr64fcm2 DB2/LN7
39 cluster2mr64 7 cluster2mr64fcm2 DB2/LN8
40 cluster2mr64 8 cluster2mr64fcm3 DB2/LN9
41 cluster2mr64 9 cluster2mr64fcm3 DB2/LN10
42 cluster2mr64 10 cluster2mr64fcm3 DB2/LN11
43 cluster2mr64 11 cluster2mr64fcm3 DB2/LN12
44 cluster2mr64 12 cluster2mr64fcm4 DB2/LN13
45 cluster2mr64 13 cluster2mr64fcm4 DB2/LN14
46 cluster2mr64 14 cluster2mr64fcm4 DB2/LN15
47 cluster2mr64 15 cluster2mr64fcm4 DB2/LN16
48 cluster2mr64 16 cluster2mr64fcm5 DB2/LN17
49 cluster2mr64 17 cluster2mr64fcm5 DB2/LN18
50 cluster2mr64 18 cluster2mr64fcm5 DB2/LN19
51 cluster2mr64 19 cluster2mr64fcm5 DB2/LN20
52 cluster2mr64 20 cluster2mr64fcm6 DB2/LN21
53 cluster2mr64 21 cluster2mr64fcm6 DB2/LN22
54 cluster2mr64 22 cluster2mr64fcm6 DB2/LN23
55 cluster2mr64 23 cluster2mr64fcm6 DB2/LN24
56 cluster2mr64 24 cluster2mr64fcm7 DB2/LN25
57 cluster2mr64 25 cluster2mr64fcm7 DB2/LN26
58 cluster2mr64 26 cluster2mr64fcm7 DB2/LN27
59 cluster2mr64 27 cluster2mr64fcm7 DB2/LN28
60 cluster2mr64 28 cluster2mr64fcm8 DB2/LN29
61 cluster2mr64 29 cluster2mr64fcm8 DB2/LN30
62 cluster2mr64 30 cluster2mr64fcm8 DB2/LN31
63 cluster2mr64 31 cluster2mr64fcm8 DB2/LN32
64 cluster3mr64 0 cluster3mr64fcm1 DB2/LN1
65 cluster3mr64 1 cluster3mr64fcm1 DB2/LN2
66 cluster3mr64 2 cluster3mr64fcm1 DB2/LN3
67 cluster3mr64 3 cluster3mr64fcm1 DB2/LN4
68 cluster3mr64 4 cluster3mr64fcm2 DB2/LN5
69 cluster3mr64 5 cluster3mr64fcm2 DB2/LN6
70 cluster3mr64 6 cluster3mr64fcm2 DB2/LN7
71 cluster3mr64 7 cluster3mr64fcm2 DB2/LN8
72 cluster3mr64 8 cluster3mr64fcm3 DB2/LN9
73 cluster3mr64 9 cluster3mr64fcm3 DB2/LN10
74 cluster3mr64 10 cluster3mr64fcm3 DB2/LN11
75 cluster3mr64 11 cluster3mr64fcm3 DB2/LN12
76 cluster3mr64 12 cluster3mr64fcm4 DB2/LN13
77 cluster3mr64 13 cluster3mr64fcm4 DB2/LN14
78 cluster3mr64 14 cluster3mr64fcm4 DB2/LN15
79 cluster3mr64 15 cluster3mr64fcm4 DB2/LN16
80 cluster3mr64 16 cluster3mr64fcm5 DB2/LN17
81 cluster3mr64 17 cluster3mr64fcm5 DB2/LN18
82 cluster3mr64 18 cluster3mr64fcm5 DB2/LN19
83 cluster3mr64 19 cluster3mr64fcm5 DB2/LN20
84 cluster3mr64 20 cluster3mr64fcm6 DB2/LN21
85 cluster3mr64 21 cluster3mr64fcm6 DB2/LN22
86 cluster3mr64 22 cluster3mr64fcm6 DB2/LN23
87 cluster3mr64 23 cluster3mr64fcm6 DB2/LN24
88 cluster3mr64 24 cluster3mr64fcm7 DB2/LN25
89 cluster3mr64 25 cluster3mr64fcm7 DB2/LN26
90 cluster3mr64 26 cluster3mr64fcm7 DB2/LN27
91 cluster3mr64 27 cluster3mr64fcm7 DB2/LN28
92 cluster3mr64 28 cluster3mr64fcm8 DB2/LN29
93 cluster3mr64 29 cluster3mr64fcm8 DB2/LN30
94 cluster3mr64 30 cluster3mr64fcm8 DB2/LN31
95 cluster3mr64 31 cluster3mr64fcm8 DB2/LN32
```


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rs]

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"EnableDeadGWDetect"=dword:00000001
"EnableDHCP"=dword:00000000
"NameServer"=""
"Domain"=""
"RegistrationEnabled"=dword:00000001
"RegisterAdapterName"=dword:00000000
"DhcpServer"="255.255.255.255"
"Lease"=dword:00000000
"LeaseObtainedTime"=dword:00000000
"T1"=dword:00000000
"T2"=dword:00000000
"LeaseTerminatesTime"=dword:00000000

"AddressType"=dword:00000000
"IsServerNapAware"=dword:00000000
"DhcpConnForceBroadcastFlag"=dword:00000000
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"SubnetMask"=hex(7):32,00,35,00,35,00,2e,00,32,00,35,00,35,00,2e,00,32,00,35,
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[HKKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\services\Tcpip\Parameters\Interfaces\{1F5668B7-
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"EnableDeadGWDetect"=dword:00000001
"EnableDHCP"=dword:00000000
"NameServer"=""
"Domain"=""
"RegistrationEnabled"=dword:00000001
"RegisterAdapterName"=dword:00000000
"DhcpServer"="255.255.255.255"
"Lease"=dword:00000000
"LeaseObtainedTime"=dword:00000000
"T1"=dword:00000000
"T2"=dword:00000000
"LeaseTerminatesTime"=dword:00000000

"AddressType"=dword:00000000
"IsServerNapAware"=dword:00000000
"DhcpConnForceBroadcastFlag"=dword:00000000
"IPAddress"=hex(7):31,00,30,00,2e,00,31,00,2e,00,31,00,2e,00,32,00,00,00,00,00,
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"SubnetMask"=hex(7):32,00,35,00,35,00,2e,00,32,00,35,00,35,00,2e,00,32,00,35,
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"EnableDeadGWDetect"=dword:00000001
"EnableDHCP"=dword:00000000
"NameServer"=""
"Domain"=""
"RegistrationEnabled"=dword:00000001
"RegisterAdapterName"=dword:00000000
"DhcpServer"="255.255.255.255"
"Lease"=dword:00000000
"LeaseObtainedTime"=dword:00000000
"T1"=dword:00000000
"T2"=dword:00000000
"LeaseTerminatesTime"=dword:00000000

"AddressType"=dword:00000000
"IsServerNapAware"=dword:00000000
"DhcpConnForceBroadcastFlag"=dword:00000000
"IPAddress"=hex(7):31,00,30,00,2e,00,32,00,2e,00,31,00,2e,00,32,00,00,00,00,00,
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"EnableDeadGWDetect"=dword:00000001
"EnableDHCP"=dword:00000000
"NameServer"=""
"Domain"=""
"RegistrationEnabled"=dword:00000001
"RegisterAdapterName"=dword:00000000
"DhcpServer"="255.255.255.255"
"Lease"=dword:00000000
"LeaseObtainedTime"=dword:00000000
"T1"=dword:00000000
"T2"=dword:00000000
"LeaseTerminatesTime"=dword:00000000
"AddressType"=dword:00000000
"IsServerNapAware"=dword:00000000
"DhcpConnForceBroadcastFlag"=dword:00000000
"IPAddress"=hex(7):31,00,30,00,2e,00,33,00,2e,00,31,00,2e,00,32,00,00,00,00,00,
"SubnetMask"=hex(7):32,00,35,00,35,00,2e,00,32,00,35,00,35,00,2e,00,32,00,35,
00,35,00,2e,00,30,00,00,00,00,00

[HKKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\services\Tcpip\Parameters\Interfaces\{D0264C87-
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"UseZeroBroadcast"=dword:00000000
"EnableDeadGWDetect"=dword:00000001
"EnableDHCP"=dword:00000000
"NameServer"=""
"Domain"=""
"RegistrationEnabled"=dword:00000001
"RegisterAdapterName"=dword:00000000
"DhcpServer"="255.255.255.255"
"Lease"=dword:00000000
"LeaseObtainedTime"=dword:00000000
"T1"=dword:00000000
"T2"=dword:00000000
"LeaseTerminatesTime"=dword:00000000
"AddressType"=dword:00000000
"IsServerNapAware"=dword:00000000
"DhcpConnForceBroadcastFlag"=dword:00000000
"IPAddress"=hex(7):31,00,39,00,32,00,2e,00,31,00,36,00,38,00,2e,00,31,00,33,00,
2e,00,31,00,30,00,30,00,00,00,00,00
"SubnetMask"=hex(7):32,00,35,00,35,00,2e,00,32,00,35,00,35,00,2e,00,32,00,35,
00,35,00,2e,00,30,00,00,00,00,00

[HKKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\services\Tcpip\Parameters\Interfaces\{DF3B01C1-
9D76-427F-BA7A-17AEAF182E30}]

"UseZeroBroadcast"=dword:00000000
"EnableDeadGWDetect"=dword:00000001
"EnableDHCP"=dword:00000000
"NameServer"="9.0.7.1.9.0.6.11"
"Domain"=""
"RegistrationEnabled"=dword:00000001
"RegisterAdapterName"=dword:00000000
"DhcpServer"="255.255.255.255"
"Lease"=dword:00000000
"LeaseObtainedTime"=dword:00000000
"T1"=dword:00000000
"T2"=dword:00000000
"LeaseTerminatesTime"=dword:00000000
"AddressType"=dword:00000000
"IsServerNapAware"=dword:00000000
"DhcpConnForceBroadcastFlag"=dword:00000000
"IPAddress"=hex(7):39,00,2e,00,33,00,2e,00,31,00,34,00,34,00,2e,00,31,00,37,00,
32,00,00,00,00,00
"SubnetMask"=hex(7):32,00,35,00,35,00,2e,00,32,00,35,00,35,00,2e,00,32,00,35,
00,35,00,2e,00,30,00,00,00,00,00

00,35,00,2e,00,30,00,00,00,00,00
"DefaultGateway"=hex(7):39,00,2e,00,33,00,2e,00,31,00,34,00,34,00,2e,00,31,00,
00,00,00,00
"DefaultGatewayMetric"=hex(7):30,00,00,00,00,00,00

[HKKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\services\Tcpip\Parameters\Interfaces\{F7E95255-
579D-4EF7-9A8B-20B4C40B7C48}]

"UseZeroBroadcast"=dword:00000000
"EnableDeadGWDetect"=dword:00000001
"EnableDHCP"=dword:00000000
"NameServer"=""
"Domain"=""
"RegistrationEnabled"=dword:00000001
"RegisterAdapterName"=dword:00000000
"DhcpServer"="255.255.255.255"
"Lease"=dword:00000000
"LeaseObtainedTime"=dword:00000000
"T1"=dword:00000000
"T2"=dword:00000000
"LeaseTerminatesTime"=dword:00000000
"AddressType"=dword:00000000
"IsServerNapAware"=dword:00000000
"DhcpConnForceBroadcastFlag"=dword:00000000
"IPAddress"=hex(7):31,00,39,00,32,00,2e,00,32,00,2e,00,31,00,2e,00,32,00,00,00,
00,00
"SubnetMask"=hex(7):32,00,35,00,35,00,2e,00,32,00,35,00,35,00,2e,00,32,00,35,
00,35,00,2e,00,30,00,00,00,00,00

[HKKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\services\Tcpip\Parameters\PersistentRoutes]
"0.0.0.0.0.0.0.9.3.144.1.-1"=""

[HKKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\services\Tcpip\Parameters\Winssock]

"HelperDllName"=hex(2):25,00,53,00,79,00,73,00,74,00,65,00,6d,00,52,00,6f,00,
6f,00,74,00,25,00,5c,00,53,00,79,00,73,00,74,00,65,00,6d,00,33,00,32,00,5c,
00,77,00,73,00,68,00,74,00,63,00,70,00,69,00,70,00,2e,00,64,00,6c,00,6c,00,
00,00
"MaxSockAddrLength"=dword:00000010
"MinSockAddrLength"=dword:00000010
"Mapping"=hex:08,00,00,00,03,00,00,00,02,00,00,00,01,00,00,00,06,00,00,02,
00,00,01,00,00,00,00,00,00,02,00,00,00,00,00,00,06,00,00,02,00,
00,00,02,00,00,11,00,00,02,00,00,02,00,00,00,00,00,00,00,00,00,02,00,
00,00,00,00,11,00,00,02,00,00,03,00,00,ff,00,00,02,00,00,00,
03,00,00,00,00,00,00
"UseDelayedAcceptance"=dword:00000000

[HKKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\services\Tcpip\Performance]

"Close"="CloseTcpipPerformanceData"
"Collect"="CollectTcpipPerformanceData"
"Library"=hex(2):25,00,53,00,79,00,73,00,74,00,65,00,6d,00,52,00,6f,00,
74,00,25,00,5c,00,53,00,79,00,73,00,74,00,65,00,6d,00,33,00,32,00,5c,00,
00,65,00,72,00,66,00,63,00,74,00,72,00,73,00,2e,00,64,00,6c,00,6c,00,00,00
"Open"="OpenTcpipPerformanceData"
"Object List"="502 510 546 548 582 638 658 1530 1532 1534"

[HKKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\services\Tcpip\ServiceProvider]

"Class"=dword:00000008
"DnsPriority"=dword:000007d0
"HostsPriority"=dword:000001f4
"LocalPriority"=dword:000001f3
"Name"="TCP/IP"
"NetbtPriority"=dword:000007d1
"ProviderPath"=hex(2):25,00,53,00,79,00,73,00,74,00,65,00,6d,00,52,00,6f,00,
00,74,00,25,00,5c,00,53,00,79,00,73,00,74,00,65,00,6d,00,33,00,32,00,5c,00,
77,00,73,00,6f,00,63,00,6b,00,33,00,32,00,2e,00,64,00,6c,00,6c,00,00,00

[HKKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\services\Tcpip\Enum]

"0"="Root\LEGACY_TCPIP\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001

minperm%	3	3	3	1	100	% memory	D
nokilluid	0	0	0	0	4G-1	uid	D
npskill	24K	24K	24K	1	3M-1	4KB pages	D
npswarn	96K	96K	96K	1	3M-1	4KB pages	D
numpsblks	3M	3M				4KB blocks	S
pinnable_frames	37315K	37315K				4KB pages	S
relalias_percentage	0	0	0	0	32K-1		D
scrub	0	0	0	0	1	boolean	D
v_pinshm	1	0	1	0	1	boolean	D
vmm_default_pspa	0	0	0	-1	100	numeric	D
wlm_memlimit_nonpg	1	1	1	0	1	boolean	D

n/a means parameter not supported by the current platform or kernel

Parameter types:

S = Static: cannot be changed
D = Dynamic: can be freely changed
B = Bosboot: can only be changed using bosboot and reboot
R = Reboot: can only be changed during reboot
C = Connect: changes are only effective for future socket connections
M = Mount: changes are only effective for future mountings
I = Incremental: can only be incremented
d = deprecated: deprecated and cannot be changed

Value conventions:

K = Kilo: 2^10 G = Giga: 2^30 P = Peta: 2^50
M = Mega: 2^20 T = Tera: 2^40 E = Exa: 2^60

ioo -L

NAME	CUR	DEF	BOOT	MIN	MAX	UNIT	TYPE
DEPENDENCIES							
aio_active	0	0				boolean	S
aio_maxreqs	64K	64K	64K	4K	1M	numeric	D
aio_maxservers	30	30	30	1	20000	numeric	D
aio_min servers							
aio_min servers	3	3	3	0	20000	numeric	D
aio_max servers							
aio_server_inactivity	300	300	300	1	86400	seconds	D
j2_atimeUpdateSymlink	0	0	0	0	1	boolean	D
j2_dynamicBufferPreallocation							
	16	16	16	0	256	16K slabs	D
j2_inodeCacheSize							
	10	400	10	1	1000		D
j2_maxPageReadAhead	128	128	128	0	64K	4KB pages	D
j2_maxRandomWrite	0	0	0	0	64K	4KB pages	D

j2_metadataCacheSize	10	400	10	1	1000		D
j2_minPageReadAhead							
	2	2	2	0	64K	4KB pages	D
j2_nPagesPerWriteBehindCluster							
	32	32	32	0	64K		D
j2_nRandomCluster							
	0	0	0	0	64K	16KB clusters	D
j2_syncPageCount							
	0	0	0	0	64K	4KB pages	D
j2_syncPageLimit							
	16	16	16	1	64K	iterations	D
lvm_bufont							
	9	9	9	1	64	128KB/buffer	D
maxpgahead							
	8	8	8	0	4K	4KB pages	D
maxrandwrt							
	0	0	0	0	2G-1	4KB pages	D
numclust							
	1	1	1	0	2G-1	16KB/cluster	D
numfsbufs							
	196	196	196	1	2G-1		M
pd_npages							
	64K	64K	64K	1	512K	4KB pages	D
posix_aio_active							
	0	0				boolean	S
posix_aio_maxreqs							
	64K	64K	64K	4K	1M	numeric	D
posix_aio_maxservers							
	30	30	30	1	20000	numeric	D
aio_min servers							
posix_aio_min servers							
	3	3	3	0	20000	numeric	D
aio_max servers							
posix_aio_server_inactivity							
	300	300	300	1	86400	seconds	D

n/a means parameter not supported by the current platform or kernel

Parameter types:

S = Static: cannot be changed
D = Dynamic: can be freely changed
B = Bosboot: can only be changed using bosboot and reboot
R = Reboot: can only be changed during reboot
C = Connect: changes are only effective for future socket connections
M = Mount: changes are only effective for future mountings
I = Incremental: can only be incremented
d = deprecated: deprecated and cannot be changed

Value conventions:

K = Kilo: 2^10 G = Giga: 2^30 P = Peta: 2^50
M = Mega: 2^20 T = Tera: 2^40 E = Exa: 2^60

rsets.C1

T	Name	Owner	Group	Mode	CPU	Memory
a	DB2/LN30	tpcc	staff	rwr-r-	8	0
	CPU: 232-239					
	MEM: <empty>					
a	DB2/LN20	tpcc	staff	rwr-r-	8	0
	CPU: 152-159					
	MEM: <empty>					
a	DB2/LN10	tpcc	staff	rwr-r-	8	0
	CPU: 72-79					
	MEM: <empty>					

a	DB2/LN1	tpcc	staff	rwr-r-	8	0
	CPU: 0-7					
	MEM: <empty>					
a	DB2/LN31	tpcc	staff	rwr-r-	8	0
	CPU: 240-247					
	MEM: <empty>					
a	DB2/LN21	tpcc	staff	rwr-r-	8	0
	CPU: 160-167					
	MEM: <empty>					
a	DB2/LN11	tpcc	staff	rwr-r-	8	0
	CPU: 80-87					
	MEM: <empty>					
a	DB2/LN2	tpcc	staff	rwr-r-	8	0
	CPU: 8-15					
	MEM: <empty>					
a	DB2/LN32	tpcc	staff	rwr-r-	8	0
	CPU: 248-255					
	MEM: <empty>					
a	DB2/LN22	tpcc	staff	rwr-r-	8	0
	CPU: 168-175					
	MEM: <empty>					
a	DB2/LN12	tpcc	staff	rwr-r-	8	0
	CPU: 88-95					
	MEM: <empty>					
a	DB2/LN3	tpcc	staff	rwr-r-	8	0
	CPU: 16-23					
	MEM: <empty>					
a	DB2/LN23	tpcc	staff	rwr-r-	8	0
	CPU: 176-183					
	MEM: <empty>					
a	DB2/LN13	tpcc	staff	rwr-r-	8	0
	CPU: 96-103					
	MEM: <empty>					
a	DB2/LN4	tpcc	staff	rwr-r-	8	0
	CPU: 24-31					
	MEM: <empty>					
a	DB2/LN24	tpcc	staff	rwr-r-	8	0
	CPU: 184-191					
	MEM: <empty>					
a	DB2/LN14	tpcc	staff	rwr-r-	8	0
	CPU: 104-111					
	MEM: <empty>					
a	DB2/LN5	tpcc	staff	rwr-r-	8	0
	CPU: 32-39					
	MEM: <empty>					
a	DB2/LN25	tpcc	staff	rwr-r-	8	0
	CPU: 192-199					
	MEM: <empty>					
a	DB2/LN15	tpcc	staff	rwr-r-	8	0
	CPU: 112-119					
	MEM: <empty>					
a	DB2/LN6	tpcc	staff	rwr-r-	8	0
	CPU: 40-47					
	MEM: <empty>					
a	DB2/LN26	tpcc	staff	rwr-r-	8	0

```

CPU: 200-207
MEM: <empty>
a DB2/LN16  tpcc  staff  rwr-r-  8  0
CPU: 120-127
MEM: <empty>
a DB2/LN7   tpcc  staff  rwr-r-  8  0
CPU: 48-55
MEM: <empty>
a DB2/LN27  tpcc  staff  rwr-r-  8  0
CPU: 208-215
MEM: <empty>
a DB2/LN17  tpcc  staff  rwr-r-  8  0
CPU: 128-135
MEM: <empty>
a DB2/LN8   tpcc  staff  rwr-r-  8  0
CPU: 56-63
MEM: <empty>
a DB2/LN28  tpcc  staff  rwr-r-  8  0
CPU: 216-223
MEM: <empty>
a DB2/LN18  tpcc  staff  rwr-r-  8  0
CPU: 136-143
MEM: <empty>
a DB2/LN9   tpcc  staff  rwr-r-  8  0
CPU: 64-71
MEM: <empty>
a DB2/LN29  tpcc  staff  rwr-r-  8  0
CPU: 224-231
MEM: <empty>
a DB2/LN19  tpcc  staff  rwr-r-  8  0
CPU: 144-151
MEM: <empty>

```

rsets.C2

T Name	Owner	Group	Mode	CPU	Memory
a DB2/LN30	tpcc	staff	rwr-r-	8	0
CPU: 232-239 MEM: <empty>					
a DB2/LN20	tpcc	staff	rwr-r-	8	0
CPU: 152-159 MEM: <empty>					
a DB2/LN10	tpcc	staff	rwr-r-	8	0
CPU: 72-79 MEM: <empty>					
a DB2/LN1	tpcc	staff	rwr-r-	8	0
CPU: 0-7 MEM: <empty>					
a DB2/LN31	tpcc	staff	rwr-r-	8	0
CPU: 240-247 MEM: <empty>					
a DB2/LN21	tpcc	staff	rwr-r-	8	0
CPU: 160-167 MEM: <empty>					

```

a DB2/LN11  tpcc  staff  rwr-r-  8  0
CPU: 80-87
MEM: <empty>
a DB2/LN2   tpcc  staff  rwr-r-  8  0
CPU: 8-15
MEM: <empty>
a DB2/LN32  tpcc  staff  rwr-r-  8  0
CPU: 248-255
MEM: <empty>
a DB2/LN22  tpcc  staff  rwr-r-  8  0
CPU: 168-175
MEM: <empty>
a DB2/LN12  tpcc  staff  rwr-r-  8  0
CPU: 88-95
MEM: <empty>
a DB2/LN3   tpcc  staff  rwr-r-  8  0
CPU: 16-23
MEM: <empty>
a DB2/LN23  tpcc  staff  rwr-r-  8  0
CPU: 176-183
MEM: <empty>
a DB2/LN13  tpcc  staff  rwr-r-  8  0
CPU: 96-103
MEM: <empty>
a DB2/LN4   tpcc  staff  rwr-r-  8  0
CPU: 24-31
MEM: <empty>
a DB2/LN24  tpcc  staff  rwr-r-  8  0
CPU: 184-191
MEM: <empty>
a DB2/LN14  tpcc  staff  rwr-r-  8  0
CPU: 104-111
MEM: <empty>
a DB2/LN5   tpcc  staff  rwr-r-  8  0
CPU: 32-39
MEM: <empty>
a DB2/LN25  tpcc  staff  rwr-r-  8  0
CPU: 192-199
MEM: <empty>
a DB2/LN15  tpcc  staff  rwr-r-  8  0
CPU: 112-119
MEM: <empty>
a DB2/LN6   tpcc  staff  rwr-r-  8  0
CPU: 40-47
MEM: <empty>
a DB2/LN26  tpcc  staff  rwr-r-  8  0
CPU: 200-207
MEM: <empty>
a DB2/LN16  tpcc  staff  rwr-r-  8  0
CPU: 120-127
MEM: <empty>
a DB2/LN7   tpcc  staff  rwr-r-  8  0
CPU: 48-55
MEM: <empty>
a DB2/LN27  tpcc  staff  rwr-r-  8  0

```

```

CPU: 208-215
MEM: <empty>
a DB2/LN17  tpcc  staff  rwr-r-  8  0
CPU: 128-135
MEM: <empty>
a DB2/LN8   tpcc  staff  rwr-r-  8  0
CPU: 56-63
MEM: <empty>
a DB2/LN28  tpcc  staff  rwr-r-  8  0
CPU: 216-223
MEM: <empty>
a DB2/LN18  tpcc  staff  rwr-r-  8  0
CPU: 136-143
MEM: <empty>
a DB2/LN9   tpcc  staff  rwr-r-  8  0
CPU: 64-71
MEM: <empty>
a DB2/LN29  tpcc  staff  rwr-r-  8  0
CPU: 224-231
MEM: <empty>
a DB2/LN19  tpcc  staff  rwr-r-  8  0
CPU: 144-151
MEM: <empty>

```

rsets.C3

T Name	Owner	Group	Mode	CPU	Memory
a DB2/LN30	tpcc	staff	rwr-r-	8	0
CPU: 232-239 MEM: <empty>					
a DB2/LN20	tpcc	staff	rwr-r-	8	0
CPU: 152-159 MEM: <empty>					
a DB2/LN10	tpcc	staff	rwr-r-	8	0
CPU: 72-79 MEM: <empty>					
a DB2/LN1	tpcc	staff	rwr-r-	8	0
CPU: 0-7 MEM: <empty>					
a DB2/LN31	tpcc	staff	rwr-r-	8	0
CPU: 240-247 MEM: <empty>					
a DB2/LN21	tpcc	staff	rwr-r-	8	0
CPU: 160-167 MEM: <empty>					
a DB2/LN11	tpcc	staff	rwr-r-	8	0
CPU: 80-87 MEM: <empty>					
a DB2/LN2	tpcc	staff	rwr-r-	8	0
CPU: 8-15 MEM: <empty>					
a DB2/LN32	tpcc	staff	rwr-r-	8	0
CPU: 248-255 MEM: <empty>					

a DB2/LN22 tpcc staff rwr-r- 8 0
 CPU: 168-175
 MEM: <empty>

a DB2/LN12 tpcc staff rwr-r- 8 0
 CPU: 88-95
 MEM: <empty>

a DB2/LN3 tpcc staff rwr-r- 8 0
 CPU: 16-23
 MEM: <empty>

a DB2/LN23 tpcc staff rwr-r- 8 0
 CPU: 176-183
 MEM: <empty>

a DB2/LN13 tpcc staff rwr-r- 8 0
 CPU: 96-103
 MEM: <empty>

a DB2/LN4 tpcc staff rwr-r- 8 0
 CPU: 24-31
 MEM: <empty>

a DB2/LN24 tpcc staff rwr-r- 8 0
 CPU: 184-191
 MEM: <empty>

a DB2/LN14 tpcc staff rwr-r- 8 0
 CPU: 104-111
 MEM: <empty>

a DB2/LN5 tpcc staff rwr-r- 8 0
 CPU: 32-39
 MEM: <empty>

a DB2/LN25 tpcc staff rwr-r- 8 0
 CPU: 192-199
 MEM: <empty>

a DB2/LN15 tpcc staff rwr-r- 8 0
 CPU: 112-119
 MEM: <empty>

a DB2/LN6 tpcc staff rwr-r- 8 0
 CPU: 40-47
 MEM: <empty>

a DB2/LN26 tpcc staff rwr-r- 8 0
 CPU: 200-207
 MEM: <empty>

a DB2/LN16 tpcc staff rwr-r- 8 0
 CPU: 120-127
 MEM: <empty>

a DB2/LN7 tpcc staff rwr-r- 8 0
 CPU: 48-55
 MEM: <empty>

a DB2/LN27 tpcc staff rwr-r- 8 0
 CPU: 208-215
 MEM: <empty>

a DB2/LN17 tpcc staff rwr-r- 8 0
 CPU: 128-135
 MEM: <empty>

a DB2/LN8 tpcc staff rwr-r- 8 0
 CPU: 56-63
 MEM: <empty>

a DB2/LN28 tpcc staff rwr-r- 8 0

CPU: 216-223
 MEM: <empty>

a DB2/LN18 tpcc staff rwr-r- 8 0
 CPU: 136-143
 MEM: <empty>

a DB2/LN9 tpcc staff rwr-r- 8 0
 CPU: 64-71
 MEM: <empty>

a DB2/LN29 tpcc staff rwr-r- 8 0
 CPU: 224-231
 MEM: <empty>

a DB2/LN19 tpcc staff rwr-r- 8 0
 CPU: 144-151
 MEM: <empty>

Appendix - C: Database Setup Code

C.1 Database Creation Scripts

DDL/ALTTBSP_PF_0.ddl

```
connect to TPCC;
alter tablespace CST prefetchsize 0;
alter tablespace CSTI prefetchsize 0;
alter tablespace DIS prefetchsize 0;
alter tablespace HST prefetchsize 0;
alter tablespace ITM prefetchsize 0;
alter tablespace ITMR prefetchsize 0;
alter tablespace NEW prefetchsize 0;
alter tablespace OLN prefetchsize 0;
alter tablespace ORD prefetchsize 0;
alter tablespace ORDI prefetchsize 0;
alter tablespace STK prefetchsize 0;
alter tablespace WAR prefetchsize 0;
connect reset;
```

DDL/ALTTBSP_PF_4096.ddl

```
connect to TPCC;
alter tablespace CST prefetchsize 4096;
alter tablespace CSTI prefetchsize 4096;
alter tablespace DIS prefetchsize 4096;
alter tablespace HST prefetchsize 4096;
alter tablespace ITM prefetchsize 4096;
alter tablespace ITMR prefetchsize 4096;
alter tablespace NEW prefetchsize 4096;
alter tablespace OLN prefetchsize 4096;
alter tablespace ORD prefetchsize 4096;
alter tablespace ORDI prefetchsize 4096;
alter tablespace STK prefetchsize 4096;
alter tablespace WAR prefetchsize 4096;
connect reset;
```

DDL/CRIDX_CUST_IDXB.ddl

```
connect to TPCC in share mode;
DROP INDEX CUST_IDXB;
CREATE INDEX CUST_IDXB
    ON CUSTOMER(C_LAST, C_W_ID, C_D_ID,
    C_FIRST, C_ID) PCTFREE 0;
connect reset;
```

DDL/CRIDX_ORDR_IDXB.ddl

```
connect to TPCC in share mode;
DROP INDEX ORDR_IDXB;
CREATE INDEX ORDR_IDXB
    ON ORDERS(O_C_ID, O_W_ID, O_D_ID, O_ID
DESC) PCTFREE 20 LEVEL2 PCTFREE 20;
```

```
connect reset;
```

DDL/CRTB_CUSTOMER.ddl

```
connect to TPCC in share mode;
DROP TABLE CUSTOMER;
CREATE TABLE CUSTOMER
(
    C_ID          INTEGER          NOT NULL,
    C_STATE      CHAR(2)          NOT NULL,
    C_ZIP        CHAR(9)          NOT NULL,
    C_PHONE      CHAR(16)         NOT NULL,
    C_SINCE      TIMESTAMP        NOT NULL,
    C_CREDIT_LIM DECIMAL(12,2)    NOT NULL,
    C_MIDDLE     CHAR(2)          NOT NULL,
    C_CREDIT     CHAR(2)          NOT NULL,
    C_DISCOUNT REAL              NOT NULL,
    C_DATA       VARCHAR(500)     NOT NULL,
    C_LAST       VARCHAR(16)      NOT NULL,
    C_FIRST      VARCHAR(16)      NOT NULL,
    C_STREET_1   VARCHAR(20)      NOT NULL,
    C_STREET_2   VARCHAR(20)      NOT NULL,
    C_CITY       VARCHAR(20)      NOT NULL,
    C_D_ID       SMALLINT         NOT NULL,
    C_W_ID       INTEGER          NOT NULL,
    C_DELIVERY_CNT INTEGER        NOT NULL,
    C_BALANCE    DECIMAL(12,2)    NOT NULL,
    C_YTD_PAYMENT DECIMAL(12,2)   NOT NULL,
    C_PAYMENT_CNT INTEGER         NOT NULL
)
IN CST
INDEX IN CSTI
PARTITIONING KEY (C_W_ID) USING HASHING
ORGANIZE BY KEY SEQUENCE (
    C_ID STARTING FROM 1 ENDING AT 3000,
    C_W_ID STARTING FROM 1 ENDING AT 960000,
    C_D_ID STARTING FROM 1 ENDING AT 10
)
ALLOW OVERFLOW;
```

```
connect reset;
```

DDL/CRTB_DISTRICT.ddl

```
connect to TPCC in share mode;
DROP TABLE DISTRICT;
CREATE TABLE DISTRICT
(
    D_NEXT_O_ID INTEGER          NOT NULL,
    D_TAX       REAL             NOT NULL,
    D_YTD       DECIMAL(12,2)    NOT NULL,
    D_NAME      CHAR(10)         NOT NULL,
    D_STREET_1  CHAR(20)         NOT NULL,
    D_STREET_2  CHAR(20)         NOT NULL,
    D_CITY      CHAR(20)         NOT NULL,
    D_STATE     CHAR(2)          NOT NULL,
    D_ZIP       CHAR(9)          NOT NULL,
    D_ID        SMALLINT         NOT NULL,
    D_W_ID      INTEGER          NOT NULL
)
IN DIS
INDEX IN DIS
PARTITIONING KEY (D_W_ID) USING HASHING
ORGANIZE BY KEY SEQUENCE (
    D_ID STARTING FROM 1 ENDING AT 10,
    D_W_ID STARTING FROM 1 ENDING AT 960000
)
ALLOW OVERFLOW;
```

```
connect reset;
```

DDL/CRTB_HISTORY.ddl

```
connect to TPCC in share mode;
DROP TABLE HISTORY;
CREATE TABLE HISTORY
(
    H_C_ID          INTEGER          NOT NULL,
    H_C_P_ID        SMALLINT         NOT NULL,
    H_C_W_ID        INTEGER          NOT NULL,
    H_D_ID          SMALLINT         NOT NULL,
    H_W_ID          INTEGER          NOT NULL,
    H_DATE          TIMESTAMP        NOT NULL,
    H_AMOUNT        DECIMAL(6,2)    NOT NULL,
    H_DATA          CHAR(24)         NOT NULL
)
IN HST
INDEX IN HST
PARTITIONING KEY (H_W_ID) USING HASHING;
ALTER TABLE HISTORY APPEND ON;
connect reset;
```

DDL/CRTB_ITEM.ddl

```
connect to TPCC in share mode;
DROP TABLE ITEM;
CREATE TABLE ITEM
(
    I_NAME         CHAR(24)         NOT NULL,
    I_PRICE        DECIMAL(5,2)    NOT NULL,
    I_DATA         VARCHAR(50)     NOT NULL,
    I_IM_ID        INTEGER          NOT NULL,
    I_ID           INTEGER          NOT NULL
)
IN ITM
INDEX IN ITM

ORGANIZE BY KEY SEQUENCE (
    I_ID STARTING FROM 1 ENDING AT 10000
)
ALLOW OVERFLOW;
ALTER TABLE ITEM LOCKSIZE TABLE;
connect reset;
```

DDL/CRTB_ITEM_R.ddl

```
connect to TPCC in share mode;
DROP TABLE ITEM_R;
CREATE TABLE ITEM_R AS (SELECT * FROM ITEM) DATA INITIALLY
DEFERRED REFRESH IMMEDIATE ENABLE QUERY OPTIMIZATION REPLICATED
IN ITMR INDEX IN ITMR ORGANIZE BY KEY SEQUENCE(I_ID STARTING
FROM 1 ENDING AT 100000) ALLOW OVERFLOW;
REFRESH TABLE ITEM_R;
SET INTEGRITY FOR ITEM_R IMMEDIATE CHECKED;
RUNSTATS ON TABLE tpcc.ITEM_R AND INDEXES ALL;
ALTER TABLE ITEM_R LOCKSIZE TABLE;
connect reset;
```

DDL/CRTB_NEW_ORDER.ddl

```
connect to TPCC in share mode;
DROP TABLE NEW_ORDER;
CREATE TABLE NEW_ORDER
(
    NO_O_ID        INTEGER          NOT NULL,
    NO_D_ID        SMALLINT         NOT NULL,
    NO_W_ID        INTEGER          NOT NULL
)
```

```

)
IN NEW
INDEX IN NEW
PARTITIONING KEY (NO_W_ID) USING HASHING
ORGANIZE BY KEY SEQUENCE (
NO_W_ID STARTING FROM 1 ENDING AT 960000,
NO_D_ID STARTING FROM 1 ENDING AT 10,
NO_O_ID STARTING FROM 1900 ENDING AT 3794
)
ALLOW OVERFLOW;

connect reset;

```

DDL/CRTB_ORDERS.ddl

```

connect to TPCC in share mode;
DROP TABLE ORDERS;
CREATE TABLE ORDERS
(
O_C_ID          INTEGER      NOT NULL,
O_ENTRY_D      TIMESTAMP    NOT NULL,
O_CARRIER_ID  SMALLINT    NOT NULL,
O_OL_CNT       SMALLINT    NOT NULL,
O_ALL_LOCAL    SMALLINT    NOT NULL,
O_ID           INTEGER      NOT NULL,
O_W_ID         INTEGER      NOT NULL,
O_D_ID         SMALLINT    NOT NULL
)
IN ORD
INDEX IN ORD
PARTITIONING KEY (O_W_ID) USING HASHING
ORGANIZE BY KEY SEQUENCE (
O_ID STARTING FROM 1 ENDING AT 3794,
O_W_ID STARTING FROM 1 ENDING AT 960000,
O_D_ID STARTING FROM 1 ENDING AT 10
)
ALLOW OVERFLOW;

connect reset;

```

DDL/CRTB_ORDER_LINE.ddl

```

connect to TPCC in share mode;
DROP TABLE ORDER_LINE;
CREATE TABLE ORDER_LINE
(
OL_DELIVERY_D  TIMESTAMP    NOT NULL,
OL_AMOUNT      DECIMAL(6,2) NOT NULL,
OL_I_ID        INTEGER      NOT NULL,
OL_SUPPLY_W_ID INTEGER      NOT NULL,
OL_QUANTITY    SMALLINT    NOT NULL,
OL_DIST_INFO   CHAR(24)    NOT NULL,
OL_O_ID        INTEGER      NOT NULL,
OL_D_ID        SMALLINT    NOT NULL,
OL_W_ID        INTEGER      NOT NULL,
OL_NUMBER      SMALLINT    NOT NULL
)
IN OLN
INDEX IN OLN
PARTITIONING KEY (OL_W_ID) USING HASHING
ORGANIZE BY KEY SEQUENCE (
OL_W_ID STARTING FROM 1 ENDING AT 960000,
OL_D_ID STARTING FROM 1 ENDING AT 10,
OL_O_ID STARTING FROM 1 ENDING AT 3794,
OL_NUMBER STARTING FROM 1 ENDING AT 15
)
ALLOW OVERFLOW;

connect reset;

```

DDL/CRTB_STOCK.ddl

```

connect to TPCC in share mode;
DROP TABLE STOCK;
CREATE TABLE STOCK
(
S_REMOTE_CNT   INTEGER      NOT NULL,
S_QUANTITY     INTEGER      NOT NULL,
S_ORDER_CNT    INTEGER      NOT NULL,
S_YTD          INTEGER      NOT NULL,
S_DATA         VARCHAR(50)  NOT NULL,
S_DIST_01      CHAR(24)    NOT NULL,
S_DIST_02      CHAR(24)    NOT NULL,
S_DIST_03      CHAR(24)    NOT NULL,
S_DIST_04      CHAR(24)    NOT NULL,
S_DIST_05      CHAR(24)    NOT NULL,
S_DIST_06      CHAR(24)    NOT NULL,
S_DIST_07      CHAR(24)    NOT NULL,
S_DIST_08      CHAR(24)    NOT NULL,
S_DIST_09      CHAR(24)    NOT NULL,
S_DIST_10      CHAR(24)    NOT NULL,
S_I_ID         INTEGER      NOT NULL,
S_W_ID         INTEGER      NOT NULL
)
IN STK
INDEX IN STK
PARTITIONING KEY (S_W_ID) USING HASHING
ORGANIZE BY KEY SEQUENCE (
S_I_ID STARTING FROM 1 ENDING AT 100000,
S_W_ID STARTING FROM 1 ENDING AT 960000
)
ALLOW OVERFLOW;

connect reset;

```

DDL/CRTB_WAREHOUSE.ddl

```

connect to TPCC in share mode;
DROP TABLE WAREHOUSE;
CREATE TABLE WAREHOUSE
(
W_NAME         CHAR(10)     NOT NULL,
W_STREET_1     CHAR(20)     NOT NULL,
W_STREET_2     CHAR(20)     NOT NULL,
W_CITY         CHAR(20)     NOT NULL,
W_STATE        CHAR(2)      NOT NULL,
W_ZIP          CHAR(9)      NOT NULL,
W_TAX          REAL         NOT NULL,
W_YTD          DECIMAL(12,2) NOT NULL,
W_ID           INTEGER      NOT NULL
)
IN WAR
INDEX IN WAR
PARTITIONING KEY (W_ID) USING HASHING
ORGANIZE BY KEY SEQUENCE (
W_ID STARTING FROM 1 ENDING AT 960000
)
ALLOW OVERFLOW;

connect reset;

```

DDL/GEN_CUSTOMER_000_1.sh

```

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 0 -r 1 320000 -f1
/TPCCFlat1/customer_1.dat.000

```

DDL/GEN_CUSTOMER_000_2.sh

```

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 0 -r 320001 640000 -f1
/TPCCFlat2/customer_2.dat.000

```

DDL/GEN_CUSTOMER_000_3.sh

```

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 0 -r 640001 960000 -f1
/TPCCFlat3/customer_3.dat.000

```

DDL/GEN_CUSTOMER_001_1.sh

```

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 1 -r 1 320000 -f1
/TPCCFlat4/customer_1.dat.001

```

DDL/GEN_CUSTOMER_001_2.sh

```

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 1 -r 320001 640000 -f1
/TPCCFlat5/customer_2.dat.001

```

DDL/GEN_CUSTOMER_001_3.sh

```

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 1 -r 640001 960000 -f1
/TPCCFlat6/customer_3.dat.001

```

DDL/GEN_CUSTOMER_002_1.sh

```

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 2 -r 1 320000 -f1
/TPCCFlat7/customer_1.dat.002

```

DDL/GEN_CUSTOMER_002_2.sh

```

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 2 -r 320001 640000 -f1
/TPCCFlat8/customer_2.dat.002

```

DDL/GEN_CUSTOMER_002_3.sh

```

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 2 -r 640001 960000 -f1
/TPCCFlat9/customer_3.dat.002

```

DDL/GEN_CUSTOMER_003_1.sh

```

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 3 -r 1 320000 -f1
/TPCCFlat10/customer_1.dat.003

```

DDL/GEN_CUSTOMER_003_2.sh

```

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 3 -r 320001 640000 -f1
/TPCCFlat11/customer_2.dat.003

```

DDL/GEN_CUSTOMER_003_3.sh

```

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 3 -r 640001 960000 -f1
/TPCCFlat12/customer_3.dat.003

```

DDL/GEN_CUSTOMER_004_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 4 -r 1 320000 -f1
/TPCCFlat13/customer_1.dat.004

DDL/GEN_CUSTOMER_004_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 4 -r 320001 640000 -f1
/TPCCFlat14/customer_2.dat.004

DDL/GEN_CUSTOMER_004_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 4 -r 640001 960000 -f1
/TPCCFlat15/customer_3.dat.004

DDL/GEN_CUSTOMER_005_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 5 -r 1 320000 -f1
/TPCCFlat16/customer_1.dat.005

DDL/GEN_CUSTOMER_005_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 5 -r 320001 640000 -f1
/TPCCFlat17/customer_2.dat.005

DDL/GEN_CUSTOMER_005_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 5 -r 640001 960000 -f1
/TPCCFlat18/customer_3.dat.005

DDL/GEN_CUSTOMER_006_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 6 -r 1 320000 -f1
/TPCCFlat19/customer_1.dat.006

DDL/GEN_CUSTOMER_006_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 6 -r 320001 640000 -f1
/TPCCFlat20/customer_2.dat.006

DDL/GEN_CUSTOMER_006_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 6 -r 640001 960000 -f1
/TPCCFlat21/customer_3.dat.006

DDL/GEN_CUSTOMER_007_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 7 -r 1 320000 -f1
/TPCCFlat22/customer_1.dat.007

DDL/GEN_CUSTOMER_007_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 7 -r 320001 640000 -f1
/TPCCFlat23/customer_2.dat.007

DDL/GEN_CUSTOMER_007_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 7 -r 640001 960000 -f1
/TPCCFlat24/customer_3.dat.007

DDL/GEN_CUSTOMER_008_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 8 -r 1 320000 -f1
/TPCCFlat25/customer_1.dat.008

DDL/GEN_CUSTOMER_008_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 8 -r 320001 640000 -f1
/TPCCFlat26/customer_2.dat.008

DDL/GEN_CUSTOMER_008_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 8 -r 640001 960000 -f1
/TPCCFlat27/customer_3.dat.008

DDL/GEN_CUSTOMER_009_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 9 -r 1 320000 -f1
/TPCCFlat28/customer_1.dat.009

DDL/GEN_CUSTOMER_009_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 9 -r 320001 640000 -f1
/TPCCFlat29/customer_2.dat.009

DDL/GEN_CUSTOMER_009_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 9 -r 640001 960000 -f1
/TPCCFlat30/customer_3.dat.009

DDL/GEN_CUSTOMER_010_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 10 -r 1 320000 -f1
/TPCCFlat31/customer_1.dat.010

DDL/GEN_CUSTOMER_010_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 10 -r 320001 640000 -f1
/TPCCFlat32/customer_2.dat.010

DDL/GEN_CUSTOMER_010_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 10 -r 640001 960000 -f1
/TPCCFlat33/customer_3.dat.010

DDL/GEN_CUSTOMER_011_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 11 -r 1 320000 -f1
/TPCCFlat34/customer_1.dat.011

DDL/GEN_CUSTOMER_011_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 11 -r 320001 640000 -f1
/TPCCFlat35/customer_2.dat.011

DDL/GEN_CUSTOMER_011_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 11 -r 640001 960000 -f1
/TPCCFlat36/customer_3.dat.011

DDL/GEN_CUSTOMER_012_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 12 -r 1 320000 -f1
/TPCCFlat37/customer_1.dat.012

DDL/GEN_CUSTOMER_012_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 12 -r 320001 640000 -f1
/TPCCFlat38/customer_2.dat.012

DDL/GEN_CUSTOMER_012_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 12 -r 640001 960000 -f1
/TPCCFlat39/customer_3.dat.012

DDL/GEN_CUSTOMER_013_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 13 -r 1 320000 -f1
/TPCCFlat40/customer_1.dat.013

DDL/GEN_CUSTOMER_013_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 13 -r 320001 640000 -f1
/TPCCFlat41/customer_2.dat.013

DDL/GEN_CUSTOMER_013_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 13 -r 640001 960000 -f1
/TPCCFlat42/customer_3.dat.013

DDL/GEN_CUSTOMER_014_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 14 -r 1 320000 -f1
/TPCCFlat43/customer_1.dat.014

DDL/GEN_CUSTOMER_014_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 14 -r 320001 640000 -f1
/TPCCFlat44/customer_2.dat.014

DDL/GEN_CUSTOMER_014_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 14 -r 640001 960000 -f1
/TPCCFlat45/customer_3.dat.014

DDL/GEN_CUSTOMER_015_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 15 -r 1 320000 -f1
/TPCCFlat46/customer_1.dat.015

DDL/GEN_CUSTOMER_015_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 15 -r 320001 640000 -f1
/TPCCFlat47/customer_2.dat.015

DDL/GEN_CUSTOMER_015_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 15 -r 640001 960000 -f1
/TPCCFlat48/customer_3.dat.015

DDL/GEN_CUSTOMER_016_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 16 -r 1 320000 -f1
/TPCCFlat49/customer_1.dat.016

DDL/GEN_CUSTOMER_016_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 16 -r 320001 640000 -f1
/TPCCFlat50/customer_2.dat.016

DDL/GEN_CUSTOMER_016_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 16 -r 640001 960000 -f1
/TPCCFlat51/customer_3.dat.016

DDL/GEN_CUSTOMER_017_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 17 -r 1 320000 -f1
/TPCCFlat52/customer_1.dat.017

DDL/GEN_CUSTOMER_017_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 17 -r 320001 640000 -f1
/TPCCFlat53/customer_2.dat.017

DDL/GEN_CUSTOMER_017_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 17 -r 640001 960000 -f1
/TPCCFlat54/customer_3.dat.017

DDL/GEN_CUSTOMER_018_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 18 -r 1 320000 -f1
/TPCCFlat55/customer_1.dat.018

DDL/GEN_CUSTOMER_018_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 18 -r 320001 640000 -f1
/TPCCFlat56/customer_2.dat.018

DDL/GEN_CUSTOMER_018_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 18 -r 640001 960000 -f1
/TPCCFlat57/customer_3.dat.018

DDL/GEN_CUSTOMER_019_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 19 -r 1 320000 -f1
/TPCCFlat58/customer_1.dat.019

DDL/GEN_CUSTOMER_019_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 19 -r 320001 640000 -f1
/TPCCFlat59/customer_2.dat.019

DDL/GEN_CUSTOMER_019_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 19 -r 640001 960000 -f1
/TPCCFlat60/customer_3.dat.019

DDL/GEN_CUSTOMER_020_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 20 -r 1 320000 -f1
/TPCCFlat61/customer_1.dat.020

DDL/GEN_CUSTOMER_020_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 20 -r 320001 640000 -f1
/TPCCFlat62/customer_2.dat.020

DDL/GEN_CUSTOMER_020_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 20 -r 640001 960000 -f1
/TPCCFlat63/customer_3.dat.020

DDL/GEN_CUSTOMER_021_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 21 -r 1 320000 -f1
/TPCCFlat64/customer_1.dat.021

DDL/GEN_CUSTOMER_021_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 21 -r 320001 640000 -f1
/TPCCFlat65/customer_2.dat.021

DDL/GEN_CUSTOMER_021_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 21 -r 640001 960000 -f1
/TPCCFlat66/customer_3.dat.021

DDL/GEN_CUSTOMER_022_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 22 -r 1 320000 -f1
/TPCCFlat67/customer_1.dat.022

DDL/GEN_CUSTOMER_022_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 22 -r 320001 640000 -f1
/TPCCFlat68/customer_2.dat.022

DDL/GEN_CUSTOMER_022_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 22 -r 640001 960000 -f1
/TPCCFlat69/customer_3.dat.022

DDL/GEN_CUSTOMER_023_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 23 -r 1 320000 -f1
/TPCCFlat70/customer_1.dat.023

DDL/GEN_CUSTOMER_023_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 23 -r 320001 640000 -f1
/TPCCFlat71/customer_2.dat.023

DDL/GEN_CUSTOMER_023_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 23 -r 640001 960000 -f1
/TPCCFlat72/customer_3.dat.023

DDL/GEN_CUSTOMER_024_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 24 -r 1 320000 -f1
/TPCCFlat73/customer_1.dat.024

DDL/GEN_CUSTOMER_024_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 24 -r 320001 640000 -f1
/TPCCFlat74/customer_2.dat.024

DDL/GEN_CUSTOMER_024_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 24 -r 640001 960000 -f1
/TPCCFlat75/customer_3.dat.024

DDL/GEN_CUSTOMER_025_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 25 -r 1 320000 -f1
/TPCCFlat76/customer_1.dat.025

DDL/GEN_CUSTOMER_025_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 25 -r 320001 640000 -f1
/TPCCFlat77/customer_2.dat.025

DDL/GEN_CUSTOMER_025_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 25 -r 640001 960000 -f1
/TPCCFlat78/customer_3.dat.025

DDL/GEN_CUSTOMER_026_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 26 -r 1 320000 -f1
/TPCCFlat79/customer_1.dat.026

DDL/GEN_CUSTOMER_026_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 26 -r 320001 640000 -f1
/TPCCFlat80/customer_2.dat.026

DDL/GEN_CUSTOMER_026_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 26 -r 640001 960000 -f1
/TPCCFlat81/customer_3.dat.026

DDL/GEN_CUSTOMER_027_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 27 -r 1 320000 -f1
/TPCCFlat82/customer_1.dat.027

DDL/GEN_CUSTOMER_027_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 27 -r 320001 640000 -f1
/TPCCFlat83/customer_2.dat.027

DDL/GEN_CUSTOMER_027_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 27 -r 640001 960000 -f1
/TPCCFlat84/customer_3.dat.027

DDL/GEN_CUSTOMER_028_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 28 -r 1 320000 -f1
/TPCCFlat85/customer_1.dat.028

DDL/GEN_CUSTOMER_028_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 28 -r 320001 640000 -f1
/TPCCFlat86/customer_2.dat.028

DDL/GEN_CUSTOMER_028_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 28 -r 640001 960000 -f1
/TPCCFlat87/customer_3.dat.028

DDL/GEN_CUSTOMER_029_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 29 -r 1 320000 -f1
/TPCCFlat88/customer_1.dat.029

DDL/GEN_CUSTOMER_029_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 29 -r 320001 640000 -f1
/TPCCFlat89/customer_2.dat.029

DDL/GEN_CUSTOMER_029_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 29 -r 640001 960000 -f1
/TPCCFlat90/customer_3.dat.029

DDL/GEN_CUSTOMER_030_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 30 -r 1 320000 -f1
/TPCCFlat91/customer_1.dat.030

DDL/GEN_CUSTOMER_030_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 30 -r 320001 640000 -f1
/TPCCFlat92/customer_2.dat.030

DDL/GEN_CUSTOMER_030_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 30 -r 640001 960000 -f1
/TPCCFlat93/customer_3.dat.030

DDL/GEN_CUSTOMER_031_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 31 -r 1 320000 -f1
/TPCCFlat94/customer_1.dat.031

DDL/GEN_CUSTOMER_031_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 31 -r 320001 640000 -f1
/TPCCFlat95/customer_2.dat.031

DDL/GEN_CUSTOMER_031_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 31 -r 640001 960000 -f1
/TPCCFlat96/customer_3.dat.031

DDL/GEN_CUSTOMER_032_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 32 -r 1 320000 -f1
/TPCCFlat1/customer_1.dat.032

DDL/GEN_CUSTOMER_032_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 32 -r 320001 640000 -f1
/TPCCFlat2/customer_2.dat.032

DDL/GEN_CUSTOMER_032_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 32 -r 640001 960000 -f1
/TPCCFlat3/customer_3.dat.032

DDL/GEN_CUSTOMER_033_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 33 -r 1 320000 -f1
/TPCCFlat4/customer_1.dat.033

DDL/GEN_CUSTOMER_033_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 33 -r 320001 640000 -f1
/TPCCFlat5/customer_2.dat.033

DDL/GEN_CUSTOMER_033_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 33 -r 640001 960000 -f1
/TPCCFlat6/customer_3.dat.033

DDL/GEN_CUSTOMER_034_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 34 -r 1 320000 -f1
/TPCCFlat7/customer_1.dat.034

DDL/GEN_CUSTOMER_034_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 34 -r 320001 640000 -f1
/TPCCFlat8/customer_2.dat.034

DDL/GEN_CUSTOMER_034_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 34 -r 640001 960000 -f1
/TPCCFlat9/customer_3.dat.034

DDL/GEN_CUSTOMER_035_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 35 -r 1 320000 -f1
/TPCCFlat10/customer_1.dat.035

DDL/GEN_CUSTOMER_035_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 35 -r 320001 640000 -f1
/TPCCFlat11/customer_2.dat.035

DDL/GEN_CUSTOMER_035_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 35 -r 640001 960000 -f1
/TPCCFlat12/customer_3.dat.035

DDL/GEN_CUSTOMER_036_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 36 -r 1 320000 -f1
/TPCCFlat13/customer_1.dat.036

DDL/GEN_CUSTOMER_036_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 36 -r 320001 640000 -f1
/TPCCFlat14/customer_2.dat.036

DDL/GEN_CUSTOMER_036_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 36 -r 640001 960000 -f1
/TPCCFlat15/customer_3.dat.036

DDL/GEN_CUSTOMER_037_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 37 -r 1 320000 -f1
/TPCCFlat16/customer_1.dat.037

DDL/GEN_CUSTOMER_037_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 37 -r 320001 640000 -f1
/TPCCFlat17/customer_2.dat.037

DDL/GEN_CUSTOMER_037_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 37 -r 640001 960000 -f1
/TPCCFlat18/customer_3.dat.037

DDL/GEN_CUSTOMER_038_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 38 -r 1 320000 -f1
/TPCCFlat19/customer_1.dat.038

DDL/GEN_CUSTOMER_038_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 38 -r 320001 640000 -f1
/TPCCFlat20/customer_2.dat.038

DDL/GEN_CUSTOMER_038_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 38 -r 640001 960000 -f1
/TPCCFlat21/customer_3.dat.038

DDL/GEN_CUSTOMER_039_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 39 -r 1 320000 -f1
/TPCCFlat22/customer_1.dat.039

DDL/GEN_CUSTOMER_039_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 39 -r 320001 640000 -f1
/TPCCFlat23/customer_2.dat.039

DDL/GEN_CUSTOMER_039_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 39 -r 640001 960000 -f1
/TPCCFlat24/customer_3.dat.039

DDL/GEN_CUSTOMER_040_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 40 -r 1 320000 -f1
/TPCCFlat25/customer_1.dat.040

DDL/GEN_CUSTOMER_040_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 40 -r 320001 640000 -f1
/TPCCFlat26/customer_2.dat.040

DDL/GEN_CUSTOMER_040_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 40 -r 640001 960000 -f1
/TPCCFlat27/customer_3.dat.040

DDL/GEN_CUSTOMER_041_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 41 -r 1 320000 -f1
/TPCCFlat28/customer_1.dat.041

DDL/GEN_CUSTOMER_041_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 41 -r 320001 640000 -f1
/TPCCFlat29/customer_2.dat.041

DDL/GEN_CUSTOMER_041_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 41 -r 640001 960000 -f1
/TPCCFlat30/customer_3.dat.041

DDL/GEN_CUSTOMER_042_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 42 -r 1 320000 -f1
/TPCCFlat31/customer_1.dat.042

DDL/GEN_CUSTOMER_042_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 42 -r 320001 640000 -f1
/TPCCFlat32/customer_2.dat.042

DDL/GEN_CUSTOMER_042_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 42 -r 640001 960000 -f1
/TPCCFlat33/customer_3.dat.042

DDL/GEN_CUSTOMER_043_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 43 -r 1 320000 -f1
/TPCCFlat34/customer_1.dat.043

DDL/GEN_CUSTOMER_043_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 43 -r 320001 640000 -f1
/TPCCFlat35/customer_2.dat.043

DDL/GEN_CUSTOMER_043_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 43 -r 640001 960000 -f1
/TPCCFlat36/customer_3.dat.043

DDL/GEN_CUSTOMER_044_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 44 -r 1 320000 -f1
/TPCCFlat37/customer_1.dat.044

DDL/GEN_CUSTOMER_044_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 44 -r 320001 640000 -f1
/TPCCFlat38/customer_2.dat.044

DDL/GEN_CUSTOMER_044_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 44 -r 640001 960000 -f1
/TPCCFlat39/customer_3.dat.044

DDL/GEN_CUSTOMER_045_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 45 -r 1 320000 -f1
/TPCCFlat40/customer_1.dat.045

DDL/GEN_CUSTOMER_045_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 45 -r 320001 640000 -f1
/TPCCFlat41/customer_2.dat.045

DDL/GEN_CUSTOMER_045_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 45 -r 640001 960000 -f1
/TPCCFlat42/customer_3.dat.045

DDL/GEN_CUSTOMER_046_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 46 -r 1 320000 -f1
/TPCCFlat43/customer_1.dat.046

DDL/GEN_CUSTOMER_046_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 46 -r 320001 640000 -f1
/TPCCFlat44/customer_2.dat.046

DDL/GEN_CUSTOMER_046_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 46 -r 640001 960000 -f1
/TPCCFlat45/customer_3.dat.046

DDL/GEN_CUSTOMER_047_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 47 -r 1 320000 -f1
/TPCCFlat46/customer_1.dat.047

DDL/GEN_CUSTOMER_047_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 47 -r 320001 640000 -f1
/TPCCFlat47/customer_2.dat.047

DDL/GEN_CUSTOMER_047_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 47 -r 640001 960000 -f1
/TPCCFlat48/customer_3.dat.047

DDL/GEN_CUSTOMER_048_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 48 -r 1 320000 -f1
/TPCCFlat49/customer_1.dat.048

DDL/GEN_CUSTOMER_048_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 48 -r 320001 640000 -f1
/TPCCFlat50/customer_2.dat.048

DDL/GEN_CUSTOMER_048_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 48 -r 640001 960000 -f1
/TPCCFlat51/customer_3.dat.048

DDL/GEN_CUSTOMER_049_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 49 -r 1 320000 -f1
/TPCCFlat52/customer_1.dat.049

DDL/GEN_CUSTOMER_049_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 49 -r 320001 640000 -f1
/TPCCFlat53/customer_2.dat.049

DDL/GEN_CUSTOMER_049_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 49 -r 640001 960000 -f1
/TPCCFlat54/customer_3.dat.049

DDL/GEN_CUSTOMER_050_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 50 -r 1 320000 -f1
/TPCCFlat55/customer_1.dat.050

DDL/GEN_CUSTOMER_050_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 50 -r 320001 640000 -f1
/TPCCFlat56/customer_2.dat.050

DDL/GEN_CUSTOMER_050_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 50 -r 640001 960000 -f1
/TPCCFlat57/customer_3.dat.050

DDL/GEN_CUSTOMER_051_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 51 -r 1 320000 -f1
/TPCCFlat58/customer_1.dat.051

DDL/GEN_CUSTOMER_051_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 51 -r 320001 640000 -f1
/TPCCFlat59/customer_2.dat.051

DDL/GEN_CUSTOMER_051_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 51 -r 640001 960000 -f1
/TPCCFlat60/customer_3.dat.051

DDL/GEN_CUSTOMER_052_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 52 -r 1 320000 -f1
/TPCCFlat61/customer_1.dat.052

DDL/GEN_CUSTOMER_052_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 52 -r 320001 640000 -f1
/TPCCFlat62/customer_2.dat.052

DDL/GEN_CUSTOMER_052_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 52 -r 640001 960000 -f1
/TPCCFlat63/customer_3.dat.052

DDL/GEN_CUSTOMER_053_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 53 -r 1 320000 -f1
/TPCCFlat64/customer_1.dat.053

DDL/GEN_CUSTOMER_053_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 53 -r 320001 640000 -f1
/TPCCFlat65/customer_2.dat.053

DDL/GEN_CUSTOMER_053_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 53 -r 640001 960000 -f1
/TPCCFlat66/customer_3.dat.053

DDL/GEN_CUSTOMER_054_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 54 -r 1 320000 -f1
/TPCCFlat67/customer_1.dat.054

DDL/GEN_CUSTOMER_054_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 54 -r 320001 640000 -f1
/TPCCFlat68/customer_2.dat.054

DDL/GEN_CUSTOMER_054_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 54 -r 640001 960000 -f1
/TPCCFlat69/customer_3.dat.054

DDL/GEN_CUSTOMER_055_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 55 -r 1 320000 -f1
/TPCCFlat70/customer_1.dat.055

DDL/GEN_CUSTOMER_055_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 55 -r 320001 640000 -f1
/TPCCFlat71/customer_2.dat.055

DDL/GEN_CUSTOMER_055_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 55 -r 640001 960000 -f1
/TPCCFlat72/customer_3.dat.055

DDL/GEN_CUSTOMER_056_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 56 -r 1 320000 -f1
/TPCCFlat73/customer_1.dat.056

DDL/GEN_CUSTOMER_056_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 56 -r 320001 640000 -f1
/TPCCFlat74/customer_2.dat.056

DDL/GEN_CUSTOMER_056_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 56 -r 640001 960000 -f1
/TPCCFlat75/customer_3.dat.056

DDL/GEN_CUSTOMER_057_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 57 -r 1 320000 -f1
/TPCCFlat76/customer_1.dat.057

DDL/GEN_CUSTOMER_057_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 57 -r 320001 640000 -f1
/TPCCFlat77/customer_2.dat.057

DDL/GEN_CUSTOMER_057_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 57 -r 640001 960000 -f1
/TPCCFlat78/customer_3.dat.057

DDL/GEN_CUSTOMER_058_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 58 -r 1 320000 -f1
/TPCCFlat79/customer_1.dat.058

DDL/GEN_CUSTOMER_058_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 58 -r 320001 640000 -f1
/TPCCFlat80/customer_2.dat.058

DDL/GEN_CUSTOMER_058_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 58 -r 640001 960000 -f1
/TPCCFlat81/customer_3.dat.058

DDL/GEN_CUSTOMER_059_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 59 -r 1 320000 -f1
/TPCCFlat82/customer_1.dat.059

DDL/GEN_CUSTOMER_059_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 59 -r 320001 640000 -f1
/TPCCFlat83/customer_2.dat.059

DDL/GEN_CUSTOMER_059_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 59 -r 640001 960000 -f1
/TPCCFlat84/customer_3.dat.059

DDL/GEN_CUSTOMER_060_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 60 -r 1 320000 -f1
/TPCCFlat85/customer_1.dat.060

DDL/GEN_CUSTOMER_060_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 60 -r 320001 640000 -f1
/TPCCFlat86/customer_2.dat.060

DDL/GEN_CUSTOMER_060_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 60 -r 640001 960000 -f1
/TPCCFlat87/customer_3.dat.060

DDL/GEN_CUSTOMER_061_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 61 -r 1 320000 -f1
/TPCCFlat88/customer_1.dat.061

DDL/GEN_CUSTOMER_061_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 61 -r 320001 640000 -f1
/TPCCFlat89/customer_2.dat.061

DDL/GEN_CUSTOMER_061_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 61 -r 640001 960000 -f1
/TPCCFlat90/customer_3.dat.061

DDL/GEN_CUSTOMER_062_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 62 -r 1 320000 -f1
/TPCCFlat91/customer_1.dat.062

DDL/GEN_CUSTOMER_062_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 62 -r 320001 640000 -f1
/TPCCFlat92/customer_2.dat.062

DDL/GEN_CUSTOMER_062_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 62 -r 640001 960000 -f1
/TPCCFlat93/customer_3.dat.062

DDL/GEN_CUSTOMER_063_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 63 -r 1 320000 -f1
/TPCCFlat94/customer_1.dat.063

DDL/GEN_CUSTOMER_063_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 63 -r 320001 640000 -f1
/TPCCFlat95/customer_2.dat.063

DDL/GEN_CUSTOMER_063_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 63 -r 640001 960000 -f1
/TPCCFlat96/customer_3.dat.063

DDL/GEN_CUSTOMER_064_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 64 -r 1 320000 -f1
/TPCCFlat1/customer_1.dat.064

DDL/GEN_CUSTOMER_064_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 64 -r 320001 640000 -f1
/TPCCFlat2/customer_2.dat.064

DDL/GEN_CUSTOMER_064_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 64 -r 640001 960000 -f1
/TPCCFlat3/customer_3.dat.064

DDL/GEN_CUSTOMER_065_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 65 -r 1 320000 -f1
/TPCCFlat4/customer_1.dat.065

DDL/GEN_CUSTOMER_065_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 65 -r 320001 640000 -f1
/TPCCFlat5/customer_2.dat.065

DDL/GEN_CUSTOMER_065_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 65 -r 640001 960000 -f1
/TPCCFlat6/customer_3.dat.065

DDL/GEN_CUSTOMER_066_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 66 -r 1 320000 -f1
/TPCCFlat7/customer_1.dat.066

DDL/GEN_CUSTOMER_066_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 66 -r 320001 640000 -f1
/TPCCFlat8/customer_2.dat.066

DDL/GEN_CUSTOMER_066_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 66 -r 640001 960000 -f1
/TPCCFlat9/customer_3.dat.066

DDL/GEN_CUSTOMER_067_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 67 -r 1 320000 -f1
/TPCCFlat10/customer_1.dat.067

DDL/GEN_CUSTOMER_067_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 67 -r 320001 640000 -f1
/TPCCFlat11/customer_2.dat.067

DDL/GEN_CUSTOMER_067_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 67 -r 640001 960000 -f1
/TPCCFlat12/customer_3.dat.067

DDL/GEN_CUSTOMER_068_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 68 -r 1 320000 -f1
/TPCCFlat13/customer_1.dat.068

DDL/GEN_CUSTOMER_068_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 68 -r 320001 640000 -f1
/TPCCFlat14/customer_2.dat.068

DDL/GEN_CUSTOMER_068_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 68 -r 640001 960000 -f1
/TPCCFlat15/customer_3.dat.068

DDL/GEN_CUSTOMER_069_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 69 -r 1 320000 -f1
/TPCCFlat16/customer_1.dat.069

DDL/GEN_CUSTOMER_069_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 69 -r 320001 640000 -f1
/TPCCFlat17/customer_2.dat.069

DDL/GEN_CUSTOMER_069_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 69 -r 640001 960000 -f1
/TPCCFlat18/customer_3.dat.069

DDL/GEN_CUSTOMER_070_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 70 -r 1 320000 -f1
/TPCCFlat19/customer_1.dat.070

DDL/GEN_CUSTOMER_070_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 70 -r 320001 640000 -f1
/TPCCFlat20/customer_2.dat.070

DDL/GEN_CUSTOMER_070_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 70 -r 640001 960000 -f1
/TPCCFlat21/customer_3.dat.070

DDL/GEN_CUSTOMER_071_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 71 -r 1 320000 -f1
/TPCCFlat22/customer_1.dat.071

DDL/GEN_CUSTOMER_071_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 71 -r 320001 640000 -f1
/TPCCFlat23/customer_2.dat.071

DDL/GEN_CUSTOMER_071_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 71 -r 640001 960000 -f1
/TPCCFlat24/customer_3.dat.071

DDL/GEN_CUSTOMER_072_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 72 -r 1 320000 -f1
/TPCCFlat25/customer_1.dat.072

DDL/GEN_CUSTOMER_072_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 72 -r 320001 640000 -f1
/TPCCFlat26/customer_2.dat.072

DDL/GEN_CUSTOMER_072_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 72 -r 640001 960000 -f1
/TPCCFlat27/customer_3.dat.072

DDL/GEN_CUSTOMER_073_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 73 -r 1 320000 -f1
/TPCCFlat28/customer_1.dat.073

DDL/GEN_CUSTOMER_073_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 73 -r 320001 640000 -f1
/TPCCFlat29/customer_2.dat.073

DDL/GEN_CUSTOMER_073_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 73 -r 640001 960000 -f1
/TPCCFlat30/customer_3.dat.073

DDL/GEN_CUSTOMER_074_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 74 -r 1 320000 -f1
/TPCCFlat31/customer_1.dat.074

DDL/GEN_CUSTOMER_074_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 74 -r 320001 640000 -f1
/TPCCFlat32/customer_2.dat.074

DDL/GEN_CUSTOMER_074_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 74 -r 640001 960000 -f1
/TPCCFlat33/customer_3.dat.074

DDL/GEN_CUSTOMER_075_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 75 -r 1 320000 -f1
/TPCCFlat34/customer_1.dat.075

DDL/GEN_CUSTOMER_075_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 75 -r 320001 640000 -f1
/TPCCFlat35/customer_2.dat.075

DDL/GEN_CUSTOMER_075_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 75 -r 640001 960000 -f1
/TPCCFlat36/customer_3.dat.075

DDL/GEN_CUSTOMER_076_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 76 -r 1 320000 -f1
/TPCCFlat37/customer_1.dat.076

DDL/GEN_CUSTOMER_076_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 76 -r 320001 640000 -f1
/TPCCFlat38/customer_2.dat.076

DDL/GEN_CUSTOMER_076_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 76 -r 640001 960000 -f1
/TPCCFlat39/customer_3.dat.076

DDL/GEN_CUSTOMER_077_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 77 -r 1 320000 -f1
/TPCCFlat40/customer_1.dat.077

DDL/GEN_CUSTOMER_077_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 77 -r 320001 640000 -f1
/TPCCFlat41/customer_2.dat.077

DDL/GEN_CUSTOMER_077_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 77 -r 640001 960000 -f1
/TPCCFlat42/customer_3.dat.077

DDL/GEN_CUSTOMER_078_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 78 -r 1 320000 -f1
/TPCCFlat43/customer_1.dat.078

DDL/GEN_CUSTOMER_078_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 78 -r 320001 640000 -f1
/TPCCFlat44/customer_2.dat.078

DDL/GEN_CUSTOMER_078_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 78 -r 640001 960000 -f1
/TPCCFlat45/customer_3.dat.078

DDL/GEN_CUSTOMER_079_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 79 -r 1 320000 -f1
/TPCCFlat46/customer_1.dat.079

DDL/GEN_CUSTOMER_079_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 79 -r 320001 640000 -f1
/TPCCFlat47/customer_2.dat.079

DDL/GEN_CUSTOMER_079_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 79 -r 640001 960000 -f1
/TPCCFlat48/customer_3.dat.079

DDL/GEN_CUSTOMER_080_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 80 -r 1 320000 -f1
/TPCCFlat49/customer_1.dat.080

DDL/GEN_CUSTOMER_080_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 80 -r 320001 640000 -f1
/TPCCFlat50/customer_2.dat.080

DDL/GEN_CUSTOMER_080_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 80 -r 640001 960000 -f1
/TPCCFlat51/customer_3.dat.080

DDL/GEN_CUSTOMER_081_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 81 -r 1 320000 -f1
/TPCCFlat52/customer_1.dat.081

DDL/GEN_CUSTOMER_081_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 81 -r 320001 640000 -f1
/TPCCFlat53/customer_2.dat.081

DDL/GEN_CUSTOMER_081_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 81 -r 640001 960000 -f1
/TPCCFlat54/customer_3.dat.081

DDL/GEN_CUSTOMER_082_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 82 -r 1 320000 -f1
/TPCCFlat55/customer_1.dat.082

DDL/GEN_CUSTOMER_082_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 82 -r 320001 640000 -f1
/TPCCFlat56/customer_2.dat.082

DDL/GEN_CUSTOMER_082_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 82 -r 640001 960000 -f1
/TPCCFlat57/customer_3.dat.082

DDL/GEN_CUSTOMER_083_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 83 -r 1 320000 -f1
/TPCCFlat58/customer_1.dat.083

DDL/GEN_CUSTOMER_083_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 83 -r 320001 640000 -f1
/TPCCFlat59/customer_2.dat.083

DDL/GEN_CUSTOMER_083_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 83 -r 640001 960000 -f1
/TPCCFlat60/customer_3.dat.083

DDL/GEN_CUSTOMER_084_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 84 -r 1 320000 -f1
/TPCCFlat61/customer_1.dat.084

DDL/GEN_CUSTOMER_084_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 84 -r 320001 640000 -f1
/TPCCFlat62/customer_2.dat.084

DDL/GEN_CUSTOMER_084_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 84 -r 640001 960000 -f1
/TPCCFlat63/customer_3.dat.084

DDL/GEN_CUSTOMER_085_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 85 -r 1 320000 -f1
/TPCCFlat64/customer_1.dat.085

DDL/GEN_CUSTOMER_085_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 85 -r 320001 640000 -f1
/TPCCFlat65/customer_2.dat.085

DDL/GEN_CUSTOMER_085_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 85 -r 640001 960000 -f1
/TPCCFlat66/customer_3.dat.085

DDL/GEN_CUSTOMER_086_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 86 -r 1 320000 -f1
/TPCCFlat67/customer_1.dat.086

DDL/GEN_CUSTOMER_086_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 86 -r 320001 640000 -f1
/TPCCFlat68/customer_2.dat.086

DDL/GEN_CUSTOMER_086_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 86 -r 640001 960000 -f1
/TPCCFlat69/customer_3.dat.086

DDL/GEN_CUSTOMER_087_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 87 -r 1 320000 -f1
/TPCCFlat70/customer_1.dat.087

DDL/GEN_CUSTOMER_087_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 87 -r 320001 640000 -f1
/TPCCFlat71/customer_2.dat.087

DDL/GEN_CUSTOMER_087_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 87 -r 640001 960000 -f1
/TPCCFlat72/customer_3.dat.087

DDL/GEN_CUSTOMER_088_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 88 -r 1 320000 -f1
/TPCCFlat73/customer_1.dat.088

DDL/GEN_CUSTOMER_088_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 88 -r 320001 640000 -f1
/TPCCFlat74/customer_2.dat.088

DDL/GEN_CUSTOMER_088_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 88 -r 640001 960000 -f1
/TPCCFlat75/customer_3.dat.088

DDL/GEN_CUSTOMER_089_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 89 -r 1 320000 -f1
/TPCCFlat76/customer_1.dat.089

DDL/GEN_CUSTOMER_089_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 89 -r 320001 640000 -f1
/TPCCFlat77/customer_2.dat.089

DDL/GEN_CUSTOMER_089_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 89 -r 640001 960000 -f1
/TPCCFlat78/customer_3.dat.089

DDL/GEN_CUSTOMER_090_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 90 -r 1 320000 -f1
/TPCCFlat79/customer_1.dat.090

DDL/GEN_CUSTOMER_090_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 90 -r 320001 640000 -f1
/TPCCFlat80/customer_2.dat.090

DDL/GEN_CUSTOMER_090_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 90 -r 640001 960000 -f1
/TPCCFlat81/customer_3.dat.090

DDL/GEN_CUSTOMER_091_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 91 -r 1 320000 -f1
/TPCCFlat82/customer_1.dat.091

DDL/GEN_CUSTOMER_091_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 91 -r 320001 640000 -f1
/TPCCFlat83/customer_2.dat.091

DDL/GEN_CUSTOMER_091_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 91 -r 640001 960000 -f1
/TPCCFlat84/customer_3.dat.091

DDL/GEN_CUSTOMER_092_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 92 -r 1 320000 -f1
/TPCCFlat85/customer_1.dat.092

DDL/GEN_CUSTOMER_092_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 92 -r 320001 640000 -f1
/TPCCFlat86/customer_2.dat.092

DDL/GEN_CUSTOMER_092_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 92 -r 640001 960000 -f1
/TPCCFlat87/customer_3.dat.092

DDL/GEN_CUSTOMER_093_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 93 -r 1 320000 -f1
/TPCCFlat88/customer_1.dat.093

DDL/GEN_CUSTOMER_093_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 93 -r 320001 640000 -f1
/TPCCFlat89/customer_2.dat.093

DDL/GEN_CUSTOMER_093_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 93 -r 640001 960000 -f1
/TPCCFlat90/customer_3.dat.093

DDL/GEN_CUSTOMER_094_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 94 -r 1 320000 -f1
/TPCCFlat91/customer_1.dat.094

DDL/GEN_CUSTOMER_094_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 94 -r 320001 640000 -f1
/TPCCFlat92/customer_2.dat.094

DDL/GEN_CUSTOMER_094_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 94 -r 640001 960000 -f1
/TPCCFlat93/customer_3.dat.094

DDL/GEN_CUSTOMER_095_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 95 -r 1 320000 -f1
/TPCCFlat94/customer_1.dat.095

DDL/GEN_CUSTOMER_095_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 95 -r 320001 640000 -f1
/TPCCFlat95/customer_2.dat.095

DDL/GEN_CUSTOMER_095_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 7 -n 95 -r 640001 960000 -f1
/TPCCFlat96/customer_3.dat.095

DDL/GEN_DISTRICT_000_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 0 -r 1 320000 -f1
/TPCCFlat1/district_1.dat.000

DDL/GEN_DISTRICT_000_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 0 -r 320001 640000 -f1
/TPCCFlat2/district_2.dat.000

DDL/GEN_DISTRICT_000_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 0 -r 640001 960000 -f1
/TPCCFlat3/district_3.dat.000

DDL/GEN_DISTRICT_001_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 1 -r 1 320000 -f1
/TPCCFlat4/district_1.dat.001

DDL/GEN_DISTRICT_001_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 1 -r 320001 640000 -f1
/TPCCFlat5/district_2.dat.001

DDL/GEN_DISTRICT_001_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 1 -r 640001 960000 -f1
/TPCCFlat6/district_3.dat.001

DDL/GEN_DISTRICT_002_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 2 -r 1 320000 -f1
/TPCCFlat7/district_1.dat.002

DDL/GEN_DISTRICT_002_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 2 -r 320001 640000 -f1
/TPCCFlat8/district_2.dat.002

DDL/GEN DISTRICT 002 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 2 -r 640001 960000 -f1
/TPCCFlat9/district_3.dat.002

DDL/GEN DISTRICT 003 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 3 -r 1 320000 -f1
/TPCCFlat10/district_1.dat.003

DDL/GEN DISTRICT 003 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 3 -r 320001 640000 -f1
/TPCCFlat11/district_2.dat.003

DDL/GEN DISTRICT 003 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 3 -r 640001 960000 -f1
/TPCCFlat12/district_3.dat.003

DDL/GEN DISTRICT 004 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 4 -r 1 320000 -f1
/TPCCFlat13/district_1.dat.004

DDL/GEN DISTRICT 004 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 4 -r 320001 640000 -f1
/TPCCFlat14/district_2.dat.004

DDL/GEN DISTRICT 004 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 4 -r 640001 960000 -f1
/TPCCFlat15/district_3.dat.004

DDL/GEN DISTRICT 005 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 5 -r 1 320000 -f1
/TPCCFlat16/district_1.dat.005

DDL/GEN DISTRICT 005 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 5 -r 320001 640000 -f1
/TPCCFlat17/district_2.dat.005

DDL/GEN DISTRICT 005 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 5 -r 640001 960000 -f1
/TPCCFlat18/district_3.dat.005

DDL/GEN DISTRICT 006 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 6 -r 1 320000 -f1
/TPCCFlat19/district_1.dat.006

DDL/GEN DISTRICT 006 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 6 -r 320001 640000 -f1
/TPCCFlat20/district_2.dat.006

DDL/GEN DISTRICT 006 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 6 -r 640001 960000 -f1
/TPCCFlat21/district_3.dat.006

DDL/GEN DISTRICT 007 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 7 -r 1 320000 -f1
/TPCCFlat22/district_1.dat.007

DDL/GEN DISTRICT 007 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 7 -r 320001 640000 -f1
/TPCCFlat23/district_2.dat.007

DDL/GEN DISTRICT 007 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 7 -r 640001 960000 -f1
/TPCCFlat24/district_3.dat.007

DDL/GEN DISTRICT 008 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 8 -r 1 320000 -f1
/TPCCFlat25/district_1.dat.008

DDL/GEN DISTRICT 008 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 8 -r 320001 640000 -f1
/TPCCFlat26/district_2.dat.008

DDL/GEN DISTRICT 008 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 8 -r 640001 960000 -f1
/TPCCFlat27/district_3.dat.008

DDL/GEN DISTRICT 009 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 9 -r 1 320000 -f1
/TPCCFlat28/district_1.dat.009

DDL/GEN DISTRICT 009 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 9 -r 320001 640000 -f1
/TPCCFlat29/district_2.dat.009

DDL/GEN DISTRICT 009 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 9 -r 640001 960000 -f1
/TPCCFlat30/district_3.dat.009

DDL/GEN DISTRICT 010 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 10 -r 1 320000 -f1
/TPCCFlat31/district_1.dat.010

DDL/GEN DISTRICT 010 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 10 -r 320001 640000 -f1
/TPCCFlat32/district_2.dat.010

DDL/GEN DISTRICT 010 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 10 -r 640001 960000 -f1
/TPCCFlat33/district_3.dat.010

DDL/GEN DISTRICT 011 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 11 -r 1 320000 -f1
/TPCCFlat34/district_1.dat.011

DDL/GEN DISTRICT 011 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 11 -r 320001 640000 -f1
/TPCCFlat35/district_2.dat.011

DDL/GEN DISTRICT 011 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 11 -r 640001 960000 -f1
/TPCCFlat36/district_3.dat.011

DDL/GEN DISTRICT 012 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 12 -r 1 320000 -f1
/TPCCFlat37/district_1.dat.012

DDL/GEN DISTRICT 012 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 12 -r 320001 640000 -f1
/TPCCFlat38/district_2.dat.012

DDL/GEN DISTRICT 012 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 12 -r 640001 960000 -f1
/TPCCFlat39/district_3.dat.012

DDL/GEN DISTRICT 013 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 13 -r 1 320000 -f1
/TPCCFlat40/district_1.dat.013

DDL/GEN DISTRICT 013 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 13 -r 320001 640000 -f1
/TPCCFlat41/district_2.dat.013

DDL/GEN DISTRICT 013 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 13 -r 640001 960000 -f1
/TPCCFlat42/district_3.dat.013

DDL/GEN DISTRICT 014 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 14 -r 1 320000 -f1
/TPCCFlat43/district_1.dat.014

DDL/GEN DISTRICT 014 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 14 -r 320001 640000 -f1
/TPCCFlat44/district_2.dat.014

DDL/GEN DISTRICT 014 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 14 -r 640001 960000 -f1
/TPCCFlat45/district_3.dat.014

DDL/GEN DISTRICT 015 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 15 -r 1 320000 -f1
/TPCCFlat46/district_1.dat.015

DDL/GEN DISTRICT 015 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 15 -r 320001 640000 -f1
/TPCCFlat47/district_2.dat.015

DDL/GEN DISTRICT 015 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 15 -r 640001 960000 -f1
/TPCCFlat48/district_3.dat.015

DDL/GEN DISTRICT 016 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 16 -r 1 320000 -f1
/TPCCFlat49/district_1.dat.016

DDL/GEN DISTRICT 016 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 16 -r 320001 640000 -f1
/TPCCFlat50/district_2.dat.016

DDL/GEN DISTRICT 016 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 16 -r 640001 960000 -f1
/TPCCFlat51/district_3.dat.016

DDL/GEN DISTRICT 017 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 17 -r 1 320000 -f1
/TPCCFlat52/district_1.dat.017

DDL/GEN DISTRICT 017 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 17 -r 320001 640000 -f1
/TPCCFlat53/district_2.dat.017

DDL/GEN DISTRICT 017 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 17 -r 640001 960000 -f1
/TPCCFlat54/district_3.dat.017

DDL/GEN DISTRICT 018 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 18 -r 1 320000 -f1
/TPCCFlat55/district_1.dat.018

DDL/GEN DISTRICT 018 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 18 -r 320001 640000 -f1
/TPCCFlat56/district_2.dat.018

DDL/GEN DISTRICT 018 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 18 -r 640001 960000 -f1
/TPCCFlat57/district_3.dat.018

DDL/GEN DISTRICT 019 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 19 -r 1 320000 -f1
/TPCCFlat58/district_1.dat.019

DDL/GEN DISTRICT 019 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 19 -r 320001 640000 -f1
/TPCCFlat59/district_2.dat.019

DDL/GEN DISTRICT 019 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 19 -r 640001 960000 -f1
/TPCCFlat60/district_3.dat.019

DDL/GEN DISTRICT 020 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 20 -r 1 320000 -f1
/TPCCFlat61/district_1.dat.020

DDL/GEN DISTRICT 020 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 20 -r 320001 640000 -f1
/TPCCFlat62/district_2.dat.020

DDL/GEN DISTRICT 020 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 20 -r 640001 960000 -f1
/TPCCFlat63/district_3.dat.020

DDL/GEN DISTRICT 021 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 21 -r 1 320000 -f1
/TPCCFlat64/district_1.dat.021

DDL/GEN DISTRICT 021 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 21 -r 320001 640000 -f1
/TPCCFlat65/district_2.dat.021

DDL/GEN DISTRICT 021 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 21 -r 640001 960000 -f1
/TPCCFlat66/district_3.dat.021

DDL/GEN DISTRICT 022 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 22 -r 1 320000 -f1
/TPCCFlat67/district_1.dat.022

DDL/GEN DISTRICT 022 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 22 -r 320001 640000 -f1
/TPCCFlat68/district_2.dat.022

DDL/GEN DISTRICT 022 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 22 -r 640001 960000 -f1
/TPCCFlat69/district_3.dat.022

DDL/GEN DISTRICT 023 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 23 -r 1 320000 -f1
/TPCCFlat70/district_1.dat.023

DDL/GEN DISTRICT 023 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 23 -r 320001 640000 -f1
/TPCCFlat71/district_2.dat.023

DDL/GEN DISTRICT 023 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 23 -r 640001 960000 -f1
/TPCCFlat72/district_3.dat.023

DDL/GEN DISTRICT 024 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 24 -r 1 320000 -f1
/TPCCFlat73/district_1.dat.024

DDL/GEN DISTRICT 024 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 24 -r 320001 640000 -f1
/TPCCFlat74/district_2.dat.024

DDL/GEN DISTRICT 024 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 24 -r 640001 960000 -f1
/TPCCFlat75/district_3.dat.024

DDL/GEN DISTRICT 025 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 25 -r 1 320000 -f1
/TPCCFlat76/district_1.dat.025

DDL/GEN DISTRICT 025 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 25 -r 320001 640000 -f1
/TPCCFlat77/district_2.dat.025

DDL/GEN DISTRICT 025 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 25 -r 640001 960000 -f1
/TPCCFlat78/district_3.dat.025

DDL/GEN DISTRICT 026 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 26 -r 1 320000 -f1
/TPCCFlat79/district_1.dat.026

DDL/GEN DISTRICT 026 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 26 -r 320001 640000 -f1
/TPCCFlat80/district_2.dat.026

DDL/GEN DISTRICT 026 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 26 -r 640001 960000 -f1
/TPCCFlat81/district_3.dat.026

DDL/GEN DISTRICT 027 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 27 -r 1 320000 -f1
/TPCCFlat82/district_1.dat.027

DDL/GEN DISTRICT 027 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 27 -r 320001 640000 -f1
/TPCCFlat83/district_2.dat.027

DDL/GEN DISTRICT 027 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 27 -r 640001 960000 -f1
/TPCCFlat84/district_3.dat.027

DDL/GEN DISTRICT 028 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 28 -r 1 320000 -f1
/TPCCFlat85/district_1.dat.028

DDL/GEN DISTRICT 028 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 28 -r 320001 640000 -f1
/TPCCFlat86/district_2.dat.028

DDL/GEN DISTRICT 028 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 28 -r 640001 960000 -f1
/TPCCFlat87/district_3.dat.028

DDL/GEN DISTRICT 029 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 29 -r 1 320000 -f1
/TPCCFlat88/district_1.dat.029

DDL/GEN DISTRICT 029 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 29 -r 320001 640000 -f1
/TPCCFlat89/district_2.dat.029

DDL/GEN DISTRICT 029 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 29 -r 640001 960000 -f1
/TPCCFlat90/district_3.dat.029

DDL/GEN DISTRICT 030 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 30 -r 1 320000 -f1
/TPCCFlat91/district_1.dat.030

DDL/GEN DISTRICT 030 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 30 -r 320001 640000 -f1
/TPCCFlat92/district_2.dat.030

DDL/GEN DISTRICT 030 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 30 -r 640001 960000 -f1
/TPCCFlat93/district_3.dat.030

DDL/GEN DISTRICT 031 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 31 -r 1 320000 -f1
/TPCCFlat94/district_1.dat.031

DDL/GEN DISTRICT 031 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 31 -r 320001 640000 -f1
/TPCCFlat95/district_2.dat.031

DDL/GEN DISTRICT 031 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 31 -r 640001 960000 -f1
/TPCCFlat96/district_3.dat.031

DDL/GEN DISTRICT 032 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 32 -r 1 320000 -f1
/TPCCFlat1/district_1.dat.032

DDL/GEN DISTRICT 032 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 32 -r 320001 640000 -f1
/TPCCFlat2/district_2.dat.032

DDL/GEN DISTRICT 032 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 32 -r 640001 960000 -f1
/TPCCFlat3/district_3.dat.032

DDL/GEN DISTRICT 033 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 33 -r 1 320000 -f1
/TPCCFlat4/district_1.dat.033

DDL/GEN DISTRICT 033 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 33 -r 320001 640000 -f1
/TPCCFlat5/district_2.dat.033

DDL/GEN DISTRICT 033 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 33 -r 640001 960000 -f1
/TPCCFlat6/district_3.dat.033

DDL/GEN DISTRICT 034 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 34 -r 1 320000 -f1
/TPCCFlat7/district_1.dat.034

DDL/GEN DISTRICT 034 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 34 -r 320001 640000 -f1
/TPCCFlat8/district_2.dat.034

DDL/GEN DISTRICT 034 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 34 -r 640001 960000 -f1
/TPCCFlat9/district_3.dat.034

DDL/GEN DISTRICT 035 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 35 -r 1 320000 -f1
/TPCCFlat10/district_1.dat.035

DDL/GEN DISTRICT 035 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 35 -r 320001 640000 -f1
/TPCCFlat11/district_2.dat.035

DDL/GEN DISTRICT 035 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 35 -r 640001 960000 -f1
/TPCCFlat12/district_3.dat.035

DDL/GEN DISTRICT 036 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 36 -r 1 320000 -f1
/TPCCFlat13/district_1.dat.036

DDL/GEN DISTRICT 036 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 36 -r 320001 640000 -f1
/TPCCFlat14/district_2.dat.036

DDL/GEN DISTRICT 036 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 36 -r 640001 960000 -f1
/TPCCFlat15/district_3.dat.036

DDL/GEN DISTRICT 037 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 37 -r 1 320000 -f1
/TPCCFlat16/district_1.dat.037

DDL/GEN DISTRICT 037 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 37 -r 320001 640000 -f1
/TPCCFlat17/district_2.dat.037

DDL/GEN DISTRICT 037 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 37 -r 640001 960000 -f1
/TPCCFlat18/district_3.dat.037

DDL/GEN DISTRICT 038 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 38 -r 1 320000 -f1
/TPCCFlat19/district_1.dat.038

DDL/GEN DISTRICT 038 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 38 -r 320001 640000 -f1
/TPCCFlat20/district_2.dat.038

DDL/GEN DISTRICT 038 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 38 -r 640001 960000 -f1
/TPCCFlat21/district_3.dat.038

DDL/GEN DISTRICT 039 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 39 -r 1 320000 -f1
/TPCCFlat22/district_1.dat.039

DDL/GEN DISTRICT 039 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 39 -r 320001 640000 -f1
/TPCCFlat23/district_2.dat.039

DDL/GEN DISTRICT 039 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 39 -r 640001 960000 -f1
/TPCCFlat24/district_3.dat.039

DDL/GEN DISTRICT 040 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 40 -r 1 320000 -f1
/TPCCFlat25/district_1.dat.040

DDL/GEN DISTRICT 040 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 40 -r 320001 640000 -f1
/TPCCFlat26/district_2.dat.040

DDL/GEN DISTRICT 040 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 40 -r 640001 960000 -f1
/TPCCFlat27/district_3.dat.040

DDL/GEN DISTRICT 041 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 41 -r 1 320000 -f1
/TPCCFlat28/district_1.dat.041

DDL/GEN DISTRICT 041 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 41 -r 320001 640000 -f1
/TPCCFlat29/district_2.dat.041

DDL/GEN DISTRICT 041 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 41 -r 640001 960000 -f1
/TPCCFlat30/district_3.dat.041

DDL/GEN DISTRICT 042 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 42 -r 1 320000 -f1
/TPCCFlat31/district_1.dat.042

DDL/GEN DISTRICT 042 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 42 -r 320001 640000 -f1
/TPCCFlat32/district_2.dat.042

DDL/GEN DISTRICT 042 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 42 -r 640001 960000 -f1
/TPCCFlat33/district_3.dat.042

DDL/GEN DISTRICT 043 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 43 -r 1 320000 -f1
/TPCCFlat34/district_1.dat.043

DDL/GEN DISTRICT 043 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 43 -r 320001 640000 -f1
/TPCCFlat35/district_2.dat.043

DDL/GEN DISTRICT 043 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 43 -r 640001 960000 -f1
/TPCCFlat36/district_3.dat.043

DDL/GEN DISTRICT 044 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 44 -r 1 320000 -f1
/TPCCFlat37/district_1.dat.044

DDL/GEN DISTRICT 044 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 44 -r 320001 640000 -f1
/TPCCFlat38/district_2.dat.044

DDL/GEN DISTRICT 044 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 44 -r 640001 960000 -f1
/TPCCFlat39/district_3.dat.044

DDL/GEN DISTRICT 045 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 45 -r 1 320000 -f1
/TPCCFlat40/district_1.dat.045

DDL/GEN DISTRICT 045 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 45 -r 320001 640000 -f1
/TPCCFlat41/district_2.dat.045

DDL/GEN DISTRICT 045 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 45 -r 640001 960000 -f1
/TPCCFlat42/district_3.dat.045

DDL/GEN DISTRICT 046 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 46 -r 1 320000 -f1
/TPCCFlat43/district_1.dat.046

DDL/GEN DISTRICT 046 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 46 -r 320001 640000 -f1
/TPCCFlat44/district_2.dat.046

DDL/GEN DISTRICT 046 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 46 -r 640001 960000 -f1
/TPCCFlat45/district_3.dat.046

DDL/GEN DISTRICT 047 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 47 -r 1 320000 -f1
/TPCCFlat46/district_1.dat.047

DDL/GEN DISTRICT 047 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 47 -r 320001 640000 -f1
/TPCCFlat47/district_2.dat.047

DDL/GEN DISTRICT 047 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 47 -r 640001 960000 -f1
/TPCCFlat48/district_3.dat.047

DDL/GEN DISTRICT 048 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 48 -r 1 320000 -f1
/TPCCFlat49/district_1.dat.048

DDL/GEN DISTRICT 048 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 48 -r 320001 640000 -f1
/TPCCFlat50/district_2.dat.048

DDL/GEN DISTRICT 048 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 48 -r 640001 960000 -f1
/TPCCFlat51/district_3.dat.048

DDL/GEN DISTRICT 049 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 49 -r 1 320000 -f1
/TPCCFlat52/district_1.dat.049

DDL/GEN DISTRICT 049 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 49 -r 320001 640000 -f1
/TPCCFlat53/district_2.dat.049

DDL/GEN DISTRICT 049 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 49 -r 640001 960000 -f1
/TPCCFlat54/district_3.dat.049

DDL/GEN DISTRICT 050 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 50 -r 1 320000 -f1
/TPCCFlat55/district_1.dat.050

DDL/GEN DISTRICT 050 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 50 -r 320001 640000 -f1
/TPCCFlat56/district_2.dat.050

DDL/GEN DISTRICT 050 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 50 -r 640001 960000 -f1
/TPCCFlat57/district_3.dat.050

DDL/GEN DISTRICT 051 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 51 -r 1 320000 -f1
/TPCCFlat58/district_1.dat.051

DDL/GEN DISTRICT 051 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 51 -r 320001 640000 -f1
/TPCCFlat59/district_2.dat.051

DDL/GEN DISTRICT 051 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 51 -r 640001 960000 -f1
/TPCCFlat60/district_3.dat.051

DDL/GEN DISTRICT 052 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 52 -r 1 320000 -f1
/TPCCFlat61/district_1.dat.052

DDL/GEN DISTRICT 052 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 52 -r 320001 640000 -f1
/TPCCFlat62/district_2.dat.052

DDL/GEN DISTRICT 052 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 52 -r 640001 960000 -f1
/TPCCFlat63/district_3.dat.052

DDL/GEN DISTRICT 053 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 53 -r 1 320000 -f1
/TPCCFlat64/district_1.dat.053

DDL/GEN DISTRICT 053 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 53 -r 320001 640000 -f1
/TPCCFlat65/district_2.dat.053

DDL/GEN DISTRICT 053 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 53 -r 640001 960000 -f1
/TPCCFlat66/district_3.dat.053

DDL/GEN DISTRICT 054 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 54 -r 1 320000 -f1
/TPCCFlat67/district_1.dat.054

DDL/GEN DISTRICT 054 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 54 -r 320001 640000 -f1
/TPCCFlat68/district_2.dat.054

DDL/GEN DISTRICT 054 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 54 -r 640001 960000 -f1
/TPCCFlat69/district_3.dat.054

DDL/GEN DISTRICT 055 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 55 -r 1 320000 -f1
/TPCCFlat70/district_1.dat.055

DDL/GEN DISTRICT 055 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 55 -r 320001 640000 -f1
/TPCCFlat71/district_2.dat.055

DDL/GEN DISTRICT 055 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 55 -r 640001 960000 -f1
/TPCCFlat72/district_3.dat.055

DDL/GEN DISTRICT 056 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 56 -r 1 320000 -f1
/TPCCFlat73/district_1.dat.056

DDL/GEN DISTRICT 056 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 56 -r 320001 640000 -f1
/TPCCFlat74/district_2.dat.056

DDL/GEN DISTRICT 056 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 56 -r 640001 960000 -f1
/TPCCFlat75/district_3.dat.056

DDL/GEN DISTRICT 057 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 57 -r 1 320000 -f1
/TPCCFlat76/district_1.dat.057

DDL/GEN DISTRICT 057 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 57 -r 320001 640000 -f1
/TPCCFlat77/district_2.dat.057

DDL/GEN DISTRICT 057 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 57 -r 640001 960000 -f1
/TPCCFlat78/district_3.dat.057

DDL/GEN DISTRICT 058 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 58 -r 1 320000 -f1
/TPCCFlat79/district_1.dat.058

DDL/GEN DISTRICT 058 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 58 -r 320001 640000 -f1
/TPCCFlat80/district_2.dat.058

DDL/GEN DISTRICT 058 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 58 -r 640001 960000 -f1
/TPCCFlat81/district_3.dat.058

DDL/GEN DISTRICT 059 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 59 -r 1 320000 -f1
/TPCCFlat82/district_1.dat.059

DDL/GEN DISTRICT 059 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 59 -r 320001 640000 -f1
/TPCCFlat83/district_2.dat.059

DDL/GEN DISTRICT 059 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 59 -r 640001 960000 -f1
/TPCCFlat84/district_3.dat.059

DDL/GEN DISTRICT 060 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 60 -r 1 320000 -f1
/TPCCFlat85/district_1.dat.060

DDL/GEN DISTRICT 060 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 60 -r 320001 640000 -f1
/TPCCFlat86/district_2.dat.060

DDL/GEN DISTRICT 060 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 60 -r 640001 960000 -f1
/TPCCFlat87/district_3.dat.060

DDL/GEN DISTRICT 061 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 61 -r 1 320000 -f1
/TPCCFlat88/district_1.dat.061

DDL/GEN DISTRICT 061 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 61 -r 320001 640000 -f1
/TPCCFlat89/district_2.dat.061

DDL/GEN DISTRICT 061 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 61 -r 640001 960000 -f1
/TPCCFlat90/district_3.dat.061

DDL/GEN DISTRICT 062 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 62 -r 1 320000 -f1
/TPCCFlat91/district_1.dat.062

DDL/GEN DISTRICT 062 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 62 -r 320001 640000 -f1
/TPCCFlat92/district_2.dat.062

DDL/GEN DISTRICT 062 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 62 -r 640001 960000 -f1
/TPCCFlat93/district_3.dat.062

DDL/GEN DISTRICT 063 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 63 -r 1 320000 -f1
/TPCCFlat94/district_1.dat.063

DDL/GEN DISTRICT 063 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 63 -r 320001 640000 -f1
/TPCCFlat95/district_2.dat.063

DDL/GEN DISTRICT 063 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 63 -r 640001 960000 -f1
/TPCCFlat96/district_3.dat.063

DDL/GEN DISTRICT 064 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 64 -r 1 320000 -f1
/TPCCFlat1/district_1.dat.064

DDL/GEN DISTRICT 064 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 64 -r 320001 640000 -f1
/TPCCFlat2/district_2.dat.064

DDL/GEN DISTRICT 064 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 64 -r 640001 960000 -f1
/TPCCFlat3/district_3.dat.064

DDL/GEN DISTRICT 065 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 65 -r 1 320000 -f1
/TPCCFlat4/district_1.dat.065

DDL/GEN DISTRICT 065 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 65 -r 320001 640000 -f1
/TPCCFlat5/district_2.dat.065

DDL/GEN DISTRICT 065 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 65 -r 640001 960000 -f1
/TPCCFlat6/district_3.dat.065

DDL/GEN DISTRICT 066 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 66 -r 1 320000 -f1
/TPCCFlat7/district_1.dat.066

DDL/GEN DISTRICT 066 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 66 -r 320001 640000 -f1
/TPCCFlat8/district_2.dat.066

DDL/GEN DISTRICT 066 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 66 -r 640001 960000 -f1
/TPCCFlat9/district_3.dat.066

DDL/GEN DISTRICT 067 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 67 -r 1 320000 -f1
/TPCCFlat10/district_1.dat.067

DDL/GEN DISTRICT 067 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 67 -r 320001 640000 -f1
/TPCCFlat11/district_2.dat.067

DDL/GEN DISTRICT 067 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 67 -r 640001 960000 -f1
/TPCCFlat12/district_3.dat.067

DDL/GEN DISTRICT 068 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 68 -r 1 320000 -f1
/TPCCFlat13/district_1.dat.068

DDL/GEN DISTRICT 068 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 68 -r 320001 640000 -f1
/TPCCFlat14/district_2.dat.068

DDL/GEN DISTRICT 068 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 68 -r 640001 960000 -f1
/TPCCFlat15/district_3.dat.068

DDL/GEN DISTRICT 069 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 69 -r 1 320000 -f1
/TPCCFlat16/district_1.dat.069

DDL/GEN DISTRICT 069 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 69 -r 320001 640000 -f1
/TPCCFlat17/district_2.dat.069

DDL/GEN DISTRICT 069 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 69 -r 640001 960000 -f1
/TPCCFlat18/district_3.dat.069

DDL/GEN DISTRICT 070 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 70 -r 1 320000 -f1
/TPCCFlat19/district_1.dat.070

DDL/GEN DISTRICT 070 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 70 -r 320001 640000 -f1
/TPCCFlat20/district_2.dat.070

DDL/GEN DISTRICT 070 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 70 -r 640001 960000 -f1
/TPCCFlat21/district_3.dat.070

DDL/GEN DISTRICT 071 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 71 -r 1 320000 -f1
/TPCCFlat22/district_1.dat.071

DDL/GEN DISTRICT 071 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 71 -r 320001 640000 -f1
/TPCCFlat23/district_2.dat.071

DDL/GEN DISTRICT 071 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 71 -r 640001 960000 -f1
/TPCCFlat24/district_3.dat.071

DDL/GEN DISTRICT 072 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 72 -r 1 320000 -f1
/TPCCFlat25/district_1.dat.072

DDL/GEN DISTRICT 072 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 72 -r 320001 640000 -f1
/TPCCFlat26/district_2.dat.072

DDL/GEN DISTRICT 072 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 72 -r 640001 960000 -f1
/TPCCFlat27/district_3.dat.072

DDL/GEN DISTRICT 073 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 73 -r 1 320000 -f1
/TPCCFlat28/district_1.dat.073

DDL/GEN DISTRICT 073 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 73 -r 320001 640000 -f1
/TPCCFlat29/district_2.dat.073

DDL/GEN DISTRICT 073 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 73 -r 640001 960000 -f1
/TPCCFlat30/district_3.dat.073

DDL/GEN DISTRICT 074 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 74 -r 1 320000 -f1
/TPCCFlat31/district_1.dat.074

DDL/GEN DISTRICT 074 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 74 -r 320001 640000 -f1
/TPCCFlat32/district_2.dat.074

DDL/GEN DISTRICT 074 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 74 -r 640001 960000 -f1
/TPCCFlat33/district_3.dat.074

DDL/GEN DISTRICT 075 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 75 -r 1 320000 -f1
/TPCCFlat34/district_1.dat.075

DDL/GEN DISTRICT 075 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 75 -r 320001 640000 -f1
/TPCCFlat35/district_2.dat.075

DDL/GEN DISTRICT 075 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 75 -r 640001 960000 -f1
/TPCCFlat36/district_3.dat.075

DDL/GEN DISTRICT 076 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 76 -r 1 320000 -f1
/TPCCFlat37/district_1.dat.076

DDL/GEN DISTRICT 076 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 76 -r 320001 640000 -f1
/TPCCFlat38/district_2.dat.076

DDL/GEN DISTRICT 076 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 76 -r 640001 960000 -f1
/TPCCFlat39/district_3.dat.076

DDL/GEN DISTRICT 077 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 77 -r 1 320000 -f1
/TPCCFlat40/district_1.dat.077

DDL/GEN DISTRICT 077 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 77 -r 320001 640000 -f1
/TPCCFlat41/district_2.dat.077

DDL/GEN DISTRICT 077 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 77 -r 640001 960000 -f1
/TPCCFlat42/district_3.dat.077

DDL/GEN DISTRICT 078 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 78 -r 1 320000 -f1
/TPCCFlat43/district_1.dat.078

DDL/GEN DISTRICT 078 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 78 -r 320001 640000 -f1
/TPCCFlat44/district_2.dat.078

DDL/GEN DISTRICT 078 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 78 -r 640001 960000 -f1
/TPCCFlat45/district_3.dat.078

DDL/GEN DISTRICT 079 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 79 -r 1 320000 -f1
/TPCCFlat46/district_1.dat.079

DDL/GEN DISTRICT 079 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 79 -r 320001 640000 -f1
/TPCCFlat47/district_2.dat.079

DDL/GEN DISTRICT 079 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 79 -r 640001 960000 -f1
/TPCCFlat48/district_3.dat.079

DDL/GEN DISTRICT 080 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 80 -r 1 320000 -f1
/TPCCFlat49/district_1.dat.080

DDL/GEN DISTRICT 080 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 80 -r 320001 640000 -f1
/TPCCFlat50/district_2.dat.080

DDL/GEN DISTRICT 080 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 80 -r 640001 960000 -f1
/TPCCFlat51/district_3.dat.080

DDL/GEN DISTRICT 081 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 81 -r 1 320000 -f1
/TPCCFlat52/district_1.dat.081

DDL/GEN DISTRICT 081 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 81 -r 320001 640000 -f1
/TPCCFlat53/district_2.dat.081

DDL/GEN DISTRICT 081 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 81 -r 640001 960000 -f1
/TPCCFlat54/district_3.dat.081

DDL/GEN DISTRICT 082 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 82 -r 1 320000 -f1
/TPCCFlat55/district_1.dat.082

DDL/GEN DISTRICT 082 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 82 -r 320001 640000 -f1
/TPCCFlat56/district_2.dat.082

DDL/GEN DISTRICT 082 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 82 -r 640001 960000 -f1
/TPCCFlat57/district_3.dat.082

DDL/GEN DISTRICT 083 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 83 -r 1 320000 -f1
/TPCCFlat58/district_1.dat.083

DDL/GEN DISTRICT 083 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 83 -r 320001 640000 -f1
/TPCCFlat59/district_2.dat.083

DDL/GEN DISTRICT 083 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 83 -r 640001 960000 -f1
/TPCCFlat60/district_3.dat.083

DDL/GEN DISTRICT 084 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 84 -r 1 320000 -f1
/TPCCFlat61/district_1.dat.084

DDL/GEN DISTRICT 084 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 84 -r 320001 640000 -f1
/TPCCFlat62/district_2.dat.084

DDL/GEN DISTRICT 084 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 84 -r 640001 960000 -f1
/TPCCFlat63/district_3.dat.084

DDL/GEN DISTRICT 085 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 85 -r 1 320000 -f1
/TPCCFlat64/district_1.dat.085

DDL/GEN DISTRICT 085 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 85 -r 320001 640000 -f1
/TPCCFlat65/district_2.dat.085

DDL/GEN DISTRICT 085 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 85 -r 640001 960000 -f1
/TPCCFlat66/district_3.dat.085

DDL/GEN DISTRICT 086 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 86 -r 1 320000 -f1
/TPCCFlat67/district_1.dat.086

DDL/GEN DISTRICT 086 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 86 -r 320001 640000 -f1
/TPCCFlat68/district_2.dat.086

DDL/GEN DISTRICT 086 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 86 -r 640001 960000 -f1
/TPCCFlat69/district_3.dat.086

DDL/GEN DISTRICT 087 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 87 -r 1 320000 -f1
/TPCCFlat70/district_1.dat.087

DDL/GEN DISTRICT 087 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 87 -r 320001 640000 -f1
/TPCCFlat71/district_2.dat.087

DDL/GEN DISTRICT 087 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 87 -r 640001 960000 -f1
/TPCCFlat72/district_3.dat.087

DDL/GEN DISTRICT 088 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 88 -r 1 320000 -f1
/TPCCFlat73/district_1.dat.088

DDL/GEN DISTRICT 088 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 88 -r 320001 640000 -f1
/TPCCFlat74/district_2.dat.088

DDL/GEN DISTRICT 088 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 88 -r 640001 960000 -f1
/TPCCFlat75/district_3.dat.088

DDL/GEN DISTRICT 089 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 89 -r 1 320000 -f1
/TPCCFlat76/district_1.dat.089

DDL/GEN DISTRICT 089 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 89 -r 320001 640000 -f1
/TPCCFlat77/district_2.dat.089

DDL/GEN DISTRICT 089 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 89 -r 640001 960000 -f1
/TPCCFlat78/district_3.dat.089

DDL/GEN DISTRICT 090 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 90 -r 1 320000 -f1
/TPCCFlat79/district_1.dat.090

DDL/GEN DISTRICT 090 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 90 -r 320001 640000 -f1
/TPCCFlat80/district_2.dat.090

DDL/GEN DISTRICT 090 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 90 -r 640001 960000 -f1
/TPCCFlat81/district_3.dat.090

DDL/GEN DISTRICT 091 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 91 -r 1 320000 -f1
/TPCCFlat82/district_1.dat.091

DDL/GEN DISTRICT 091 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 91 -r 320001 640000 -f1
/TPCCFlat83/district_2.dat.091

DDL/GEN DISTRICT 091 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 91 -r 640001 960000 -f1
/TPCCFlat84/district_3.dat.091

DDL/GEN DISTRICT 092 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 92 -r 1 320000 -f1
/TPCCFlat85/district_1.dat.092

DDL/GEN DISTRICT 092 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 92 -r 320001 640000 -f1
/TPCCFlat86/district_2.dat.092

DDL/GEN DISTRICT 092 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 92 -r 640001 960000 -f1
/TPCCFlat87/district_3.dat.092

DDL/GEN DISTRICT 093 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 93 -r 1 320000 -f1
/TPCCFlat88/district_1.dat.093

DDL/GEN DISTRICT 093 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 93 -r 320001 640000 -f1
/TPCCFlat89/district_2.dat.093

DDL/GEN DISTRICT 093 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 93 -r 640001 960000 -f1
/TPCCFlat90/district_3.dat.093

DDL/GEN DISTRICT 094 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 94 -r 1 320000 -f1
/TPCCFlat91/district_1.dat.094

DDL/GEN DISTRICT 094 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 94 -r 320001 640000 -f1
/TPCCFlat92/district_2.dat.094

DDL/GEN DISTRICT 094 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 94 -r 640001 960000 -f1
/TPCCFlat93/district_3.dat.094

DDL/GEN DISTRICT 095 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 95 -r 1 320000 -f1
/TPCCFlat94/district_1.dat.095

DDL/GEN DISTRICT 095 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 95 -r 320001 640000 -f1
/TPCCFlat95/district_2.dat.095

DDL/GEN DISTRICT 095 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 4 -n 95 -r 640001 960000 -f1
/TPCCFlat96/district_3.dat.095

DDL/GEN HISTORY 000 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 0 -r 1 320000 -f1
/TPCCFlat1/history_1.dat.000

DDL/GEN HISTORY 000 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 0 -r 320001 640000 -f1
/TPCCFlat2/history_2.dat.000

DDL/GEN HISTORY 000 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 0 -r 640001 960000 -f1
/TPCCFlat3/history_3.dat.000

DDL/GEN HISTORY 001 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 1 -r 1 320000 -f1
/TPCCFlat4/history_1.dat.001

DDL/GEN_HISTORY_001_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 1 -r 320001 640000 -f1
/TPCCFlat5/history_2.dat.001

DDL/GEN_HISTORY_001_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 1 -r 640001 960000 -f1
/TPCCFlat6/history_3.dat.001

DDL/GEN_HISTORY_002_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 2 -r 1 320000 -f1
/TPCCFlat7/history_1.dat.002

DDL/GEN_HISTORY_002_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 2 -r 320001 640000 -f1
/TPCCFlat8/history_2.dat.002

DDL/GEN_HISTORY_002_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 2 -r 640001 960000 -f1
/TPCCFlat9/history_3.dat.002

DDL/GEN_HISTORY_003_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 3 -r 1 320000 -f1
/TPCCFlat10/history_1.dat.003

DDL/GEN_HISTORY_003_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 3 -r 320001 640000 -f1
/TPCCFlat11/history_2.dat.003

DDL/GEN_HISTORY_003_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 3 -r 640001 960000 -f1
/TPCCFlat12/history_3.dat.003

DDL/GEN_HISTORY_004_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 4 -r 1 320000 -f1
/TPCCFlat13/history_1.dat.004

DDL/GEN_HISTORY_004_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 4 -r 320001 640000 -f1
/TPCCFlat14/history_2.dat.004

DDL/GEN_HISTORY_004_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 4 -r 640001 960000 -f1
/TPCCFlat15/history_3.dat.004

DDL/GEN_HISTORY_005_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 5 -r 1 320000 -f1
/TPCCFlat16/history_1.dat.005

DDL/GEN_HISTORY_005_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 5 -r 320001 640000 -f1
/TPCCFlat17/history_2.dat.005

DDL/GEN_HISTORY_005_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 5 -r 640001 960000 -f1
/TPCCFlat18/history_3.dat.005

DDL/GEN_HISTORY_006_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 6 -r 1 320000 -f1
/TPCCFlat19/history_1.dat.006

DDL/GEN_HISTORY_006_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 6 -r 320001 640000 -f1
/TPCCFlat20/history_2.dat.006

DDL/GEN_HISTORY_006_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 6 -r 640001 960000 -f1
/TPCCFlat21/history_3.dat.006

DDL/GEN_HISTORY_007_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 7 -r 1 320000 -f1
/TPCCFlat22/history_1.dat.007

DDL/GEN_HISTORY_007_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 7 -r 320001 640000 -f1
/TPCCFlat23/history_2.dat.007

DDL/GEN_HISTORY_007_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 7 -r 640001 960000 -f1
/TPCCFlat24/history_3.dat.007

DDL/GEN_HISTORY_008_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 8 -r 1 320000 -f1
/TPCCFlat25/history_1.dat.008

DDL/GEN_HISTORY_008_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 8 -r 320001 640000 -f1
/TPCCFlat26/history_2.dat.008

DDL/GEN_HISTORY_008_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 8 -r 640001 960000 -f1
/TPCCFlat27/history_3.dat.008

DDL/GEN_HISTORY_009_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 9 -r 1 320000 -f1
/TPCCFlat28/history_1.dat.009

DDL/GEN_HISTORY_009_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 9 -r 320001 640000 -f1
/TPCCFlat29/history_2.dat.009

DDL/GEN_HISTORY_009_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 9 -r 640001 960000 -f1
/TPCCFlat30/history_3.dat.009

DDL/GEN_HISTORY_010_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 10 -r 1 320000 -f1
/TPCCFlat31/history_1.dat.010

DDL/GEN_HISTORY_010_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 10 -r 320001 640000 -f1
/TPCCFlat32/history_2.dat.010

DDL/GEN_HISTORY_010_3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 10 -r 640001 960000 -f1
/TPCCFlat33/history_3.dat.010

DDL/GEN_HISTORY_011_1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 11 -r 1 320000 -f1
/TPCCFlat34/history_1.dat.011

DDL/GEN_HISTORY_011_2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 11 -r 320001 640000 -f1
/TPCCFlat35/history_2.dat.011

DDL/GEN HISTORY 011 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 11 -r 640001 960000 -f1
/TPCCFlat36/history_3.dat.011

DDL/GEN HISTORY 012 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 12 -r 1 320000 -f1
/TPCCFlat37/history_1.dat.012

DDL/GEN HISTORY 012 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 12 -r 320001 640000 -f1
/TPCCFlat38/history_2.dat.012

DDL/GEN HISTORY 012 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 12 -r 640001 960000 -f1
/TPCCFlat39/history_3.dat.012

DDL/GEN HISTORY 013 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 13 -r 1 320000 -f1
/TPCCFlat40/history_1.dat.013

DDL/GEN HISTORY 013 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 13 -r 320001 640000 -f1
/TPCCFlat41/history_2.dat.013

DDL/GEN HISTORY 013 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 13 -r 640001 960000 -f1
/TPCCFlat42/history_3.dat.013

DDL/GEN HISTORY 014 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 14 -r 1 320000 -f1
/TPCCFlat43/history_1.dat.014

DDL/GEN HISTORY 014 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 14 -r 320001 640000 -f1
/TPCCFlat44/history_2.dat.014

DDL/GEN HISTORY 014 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 14 -r 640001 960000 -f1
/TPCCFlat45/history_3.dat.014

DDL/GEN HISTORY 015 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 15 -r 1 320000 -f1
/TPCCFlat46/history_1.dat.015

DDL/GEN HISTORY 015 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 15 -r 320001 640000 -f1
/TPCCFlat47/history_2.dat.015

DDL/GEN HISTORY 015 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 15 -r 640001 960000 -f1
/TPCCFlat48/history_3.dat.015

DDL/GEN HISTORY 016 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 16 -r 1 320000 -f1
/TPCCFlat49/history_1.dat.016

DDL/GEN HISTORY 016 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 16 -r 320001 640000 -f1
/TPCCFlat50/history_2.dat.016

DDL/GEN HISTORY 016 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 16 -r 640001 960000 -f1
/TPCCFlat51/history_3.dat.016

DDL/GEN HISTORY 017 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 17 -r 1 320000 -f1
/TPCCFlat52/history_1.dat.017

DDL/GEN HISTORY 017 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 17 -r 320001 640000 -f1
/TPCCFlat53/history_2.dat.017

DDL/GEN HISTORY 017 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 17 -r 640001 960000 -f1
/TPCCFlat54/history_3.dat.017

DDL/GEN HISTORY 018 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 18 -r 1 320000 -f1
/TPCCFlat55/history_1.dat.018

DDL/GEN HISTORY 018 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 18 -r 320001 640000 -f1
/TPCCFlat56/history_2.dat.018

DDL/GEN HISTORY 018 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 18 -r 640001 960000 -f1
/TPCCFlat57/history_3.dat.018

DDL/GEN HISTORY 019 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 19 -r 1 320000 -f1
/TPCCFlat58/history_1.dat.019

DDL/GEN HISTORY 019 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 19 -r 320001 640000 -f1
/TPCCFlat59/history_2.dat.019

DDL/GEN HISTORY 019 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 19 -r 640001 960000 -f1
/TPCCFlat60/history_3.dat.019

DDL/GEN HISTORY 020 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 20 -r 1 320000 -f1
/TPCCFlat61/history_1.dat.020

DDL/GEN HISTORY 020 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 20 -r 320001 640000 -f1
/TPCCFlat62/history_2.dat.020

DDL/GEN HISTORY 020 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 20 -r 640001 960000 -f1
/TPCCFlat63/history_3.dat.020

DDL/GEN HISTORY 021 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 21 -r 1 320000 -f1
/TPCCFlat64/history_1.dat.021

DDL/GEN HISTORY 021 2sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 21 -r 320001 640000 -f1
/TPCCFlat65/history_2.dat.021

DDL/GEN HISTORY 021 3sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 21 -r 640001 960000 -f1
/TPCCFlat66/history_3.dat.021

DDL/GEN HISTORY 022 1sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 22 -r 1 320000 -f1
/TPCCFlat67/history_1.dat.022

DDL/GEN_HISTORY_022_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 22 -r 320001 640000 -f1
/TPCCFlat68/history_2.dat.022

DDL/GEN_HISTORY_022_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 22 -r 640001 960000 -f1
/TPCCFlat69/history_3.dat.022

DDL/GEN_HISTORY_023_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 23 -r 1 320000 -f1
/TPCCFlat70/history_1.dat.023

DDL/GEN_HISTORY_023_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 23 -r 320001 640000 -f1
/TPCCFlat71/history_2.dat.023

DDL/GEN_HISTORY_023_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 23 -r 640001 960000 -f1
/TPCCFlat72/history_3.dat.023

DDL/GEN_HISTORY_024_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 24 -r 1 320000 -f1
/TPCCFlat73/history_1.dat.024

DDL/GEN_HISTORY_024_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 24 -r 320001 640000 -f1
/TPCCFlat74/history_2.dat.024

DDL/GEN_HISTORY_024_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 24 -r 640001 960000 -f1
/TPCCFlat75/history_3.dat.024

DDL/GEN_HISTORY_025_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 25 -r 1 320000 -f1
/TPCCFlat76/history_1.dat.025

DDL/GEN_HISTORY_025_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 25 -r 320001 640000 -f1
/TPCCFlat77/history_2.dat.025

DDL/GEN_HISTORY_025_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 25 -r 640001 960000 -f1
/TPCCFlat78/history_3.dat.025

DDL/GEN_HISTORY_026_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 26 -r 1 320000 -f1
/TPCCFlat79/history_1.dat.026

DDL/GEN_HISTORY_026_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 26 -r 320001 640000 -f1
/TPCCFlat80/history_2.dat.026

DDL/GEN_HISTORY_026_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 26 -r 640001 960000 -f1
/TPCCFlat81/history_3.dat.026

DDL/GEN_HISTORY_027_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 27 -r 1 320000 -f1
/TPCCFlat82/history_1.dat.027

DDL/GEN_HISTORY_027_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 27 -r 320001 640000 -f1
/TPCCFlat83/history_2.dat.027

DDL/GEN_HISTORY_027_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 27 -r 640001 960000 -f1
/TPCCFlat84/history_3.dat.027

DDL/GEN_HISTORY_028_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 28 -r 1 320000 -f1
/TPCCFlat85/history_1.dat.028

DDL/GEN_HISTORY_028_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 28 -r 320001 640000 -f1
/TPCCFlat86/history_2.dat.028

DDL/GEN_HISTORY_028_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 28 -r 640001 960000 -f1
/TPCCFlat87/history_3.dat.028

DDL/GEN_HISTORY_029_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 29 -r 1 320000 -f1
/TPCCFlat88/history_1.dat.029

DDL/GEN_HISTORY_029_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 29 -r 320001 640000 -f1
/TPCCFlat89/history_2.dat.029

DDL/GEN_HISTORY_029_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 29 -r 640001 960000 -f1
/TPCCFlat90/history_3.dat.029

DDL/GEN_HISTORY_030_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 30 -r 1 320000 -f1
/TPCCFlat91/history_1.dat.030

DDL/GEN_HISTORY_030_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 30 -r 320001 640000 -f1
/TPCCFlat92/history_2.dat.030

DDL/GEN_HISTORY_030_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 30 -r 640001 960000 -f1
/TPCCFlat93/history_3.dat.030

DDL/GEN_HISTORY_031_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 31 -r 1 320000 -f1
/TPCCFlat94/history_1.dat.031

DDL/GEN_HISTORY_031_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 31 -r 320001 640000 -f1
/TPCCFlat95/history_2.dat.031

DDL/GEN_HISTORY_031_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 31 -r 640001 960000 -f1
/TPCCFlat96/history_3.dat.031

DDL/GEN_HISTORY_032_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 32 -r 1 320000 -f1
/TPCCFlat1/history_1.dat.032

DDL/GEN_HISTORY_032_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 32 -r 320001 640000 -f1
/TPCCFlat2/history_2.dat.032

DDL/GEN HISTORY 032 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 32 -r 640001 960000 -f1
/TPCCFlat3/history_3.dat.032

DDL/GEN HISTORY 033 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 33 -r 1 320000 -f1
/TPCCFlat4/history_1.dat.033

DDL/GEN HISTORY 033 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 33 -r 320001 640000 -f1
/TPCCFlat5/history_2.dat.033

DDL/GEN HISTORY 033 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 33 -r 640001 960000 -f1
/TPCCFlat6/history_3.dat.033

DDL/GEN HISTORY 034 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 34 -r 1 320000 -f1
/TPCCFlat7/history_1.dat.034

DDL/GEN HISTORY 034 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 34 -r 320001 640000 -f1
/TPCCFlat8/history_2.dat.034

DDL/GEN HISTORY 034 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 34 -r 640001 960000 -f1
/TPCCFlat9/history_3.dat.034

DDL/GEN HISTORY 035 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 35 -r 1 320000 -f1
/TPCCFlat10/history_1.dat.035

DDL/GEN HISTORY 035 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 35 -r 320001 640000 -f1
/TPCCFlat11/history_2.dat.035

DDL/GEN HISTORY 035 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 35 -r 640001 960000 -f1
/TPCCFlat12/history_3.dat.035

DDL/GEN HISTORY 036 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 36 -r 1 320000 -f1
/TPCCFlat13/history_1.dat.036

DDL/GEN HISTORY 036 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 36 -r 320001 640000 -f1
/TPCCFlat14/history_2.dat.036

DDL/GEN HISTORY 036 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 36 -r 640001 960000 -f1
/TPCCFlat15/history_3.dat.036

DDL/GEN HISTORY 037 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 37 -r 1 320000 -f1
/TPCCFlat16/history_1.dat.037

DDL/GEN HISTORY 037 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 37 -r 320001 640000 -f1
/TPCCFlat17/history_2.dat.037

DDL/GEN HISTORY 037 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 37 -r 640001 960000 -f1
/TPCCFlat18/history_3.dat.037

DDL/GEN HISTORY 038 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 38 -r 1 320000 -f1
/TPCCFlat19/history_1.dat.038

DDL/GEN HISTORY 038 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 38 -r 320001 640000 -f1
/TPCCFlat20/history_2.dat.038

DDL/GEN HISTORY 038 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 38 -r 640001 960000 -f1
/TPCCFlat21/history_3.dat.038

DDL/GEN HISTORY 039 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 39 -r 1 320000 -f1
/TPCCFlat22/history_1.dat.039

DDL/GEN HISTORY 039 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 39 -r 320001 640000 -f1
/TPCCFlat23/history_2.dat.039

DDL/GEN HISTORY 039 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 39 -r 640001 960000 -f1
/TPCCFlat24/history_3.dat.039

DDL/GEN HISTORY 040 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 40 -r 1 320000 -f1
/TPCCFlat25/history_1.dat.040

DDL/GEN HISTORY 040 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 40 -r 320001 640000 -f1
/TPCCFlat26/history_2.dat.040

DDL/GEN HISTORY 040 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 40 -r 640001 960000 -f1
/TPCCFlat27/history_3.dat.040

DDL/GEN HISTORY 041 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 41 -r 1 320000 -f1
/TPCCFlat28/history_1.dat.041

DDL/GEN HISTORY 041 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 41 -r 320001 640000 -f1
/TPCCFlat29/history_2.dat.041

DDL/GEN HISTORY 041 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 41 -r 640001 960000 -f1
/TPCCFlat30/history_3.dat.041

DDL/GEN HISTORY 042 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 42 -r 1 320000 -f1
/TPCCFlat31/history_1.dat.042

DDL/GEN HISTORY 042 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 42 -r 320001 640000 -f1
/TPCCFlat32/history_2.dat.042

DDL/GEN HISTORY 042 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 42 -r 640001 960000 -f1
/TPCCFlat33/history_3.dat.042

DDL/GEN HISTORY 043 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 43 -r 1 320000 -f1
/TPCCFlat34/history_1.dat.043

DDL/GEN HISTORY 043 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 43 -r 320001 640000 -f1
/TPCCFlat35/history_2.dat.043

DDL/GEN HISTORY 043 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 43 -r 640001 960000 -f1
/TPCCFlat36/history_3.dat.043

DDL/GEN HISTORY 044 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 44 -r 1 320000 -f1
/TPCCFlat37/history_1.dat.044

DDL/GEN HISTORY 044 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 44 -r 320001 640000 -f1
/TPCCFlat38/history_2.dat.044

DDL/GEN HISTORY 044 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 44 -r 640001 960000 -f1
/TPCCFlat39/history_3.dat.044

DDL/GEN HISTORY 045 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 45 -r 1 320000 -f1
/TPCCFlat40/history_1.dat.045

DDL/GEN HISTORY 045 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 45 -r 320001 640000 -f1
/TPCCFlat41/history_2.dat.045

DDL/GEN HISTORY 045 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 45 -r 640001 960000 -f1
/TPCCFlat42/history_3.dat.045

DDL/GEN HISTORY 046 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 46 -r 1 320000 -f1
/TPCCFlat43/history_1.dat.046

DDL/GEN HISTORY 046 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 46 -r 320001 640000 -f1
/TPCCFlat44/history_2.dat.046

DDL/GEN HISTORY 046 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 46 -r 640001 960000 -f1
/TPCCFlat45/history_3.dat.046

DDL/GEN HISTORY 047 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 47 -r 1 320000 -f1
/TPCCFlat46/history_1.dat.047

DDL/GEN HISTORY 047 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 47 -r 320001 640000 -f1
/TPCCFlat47/history_2.dat.047

DDL/GEN HISTORY 047 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 47 -r 640001 960000 -f1
/TPCCFlat48/history_3.dat.047

DDL/GEN HISTORY 048 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 48 -r 1 320000 -f1
/TPCCFlat49/history_1.dat.048

DDL/GEN HISTORY 048 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 48 -r 320001 640000 -f1
/TPCCFlat50/history_2.dat.048

DDL/GEN HISTORY 048 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 48 -r 640001 960000 -f1
/TPCCFlat51/history_3.dat.048

DDL/GEN HISTORY 049 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 49 -r 1 320000 -f1
/TPCCFlat52/history_1.dat.049

DDL/GEN HISTORY 049 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 49 -r 320001 640000 -f1
/TPCCFlat53/history_2.dat.049

DDL/GEN HISTORY 049 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 49 -r 640001 960000 -f1
/TPCCFlat54/history_3.dat.049

DDL/GEN HISTORY 050 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 50 -r 1 320000 -f1
/TPCCFlat55/history_1.dat.050

DDL/GEN HISTORY 050 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 50 -r 320001 640000 -f1
/TPCCFlat56/history_2.dat.050

DDL/GEN HISTORY 050 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 50 -r 640001 960000 -f1
/TPCCFlat57/history_3.dat.050

DDL/GEN HISTORY 051 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 51 -r 1 320000 -f1
/TPCCFlat58/history_1.dat.051

DDL/GEN HISTORY 051 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 51 -r 320001 640000 -f1
/TPCCFlat59/history_2.dat.051

DDL/GEN HISTORY 051 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 51 -r 640001 960000 -f1
/TPCCFlat60/history_3.dat.051

DDL/GEN HISTORY 052 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 52 -r 1 320000 -f1
/TPCCFlat61/history_1.dat.052

DDL/GEN HISTORY 052 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 52 -r 320001 640000 -f1
/TPCCFlat62/history_2.dat.052

DDL/GEN HISTORY 052 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 52 -r 640001 960000 -f1
/TPCCFlat63/history_3.dat.052

DDL/GEN HISTORY 053 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 53 -r 1 320000 -f1
/TPCCFlat64/history_1.dat.053

DDL/GEN HISTORY 053 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 53 -r 320001 640000 -f1
/TPCCFlat65/history_2.dat.053

DDL/GEN HISTORY 053 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 53 -r 640001 960000 -f1
/TPCCFlat66/history_3.dat.053

DDL/GEN HISTORY 054 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 54 -r 1 320000 -f1
/TPCCFlat67/history_1.dat.054

DDL/GEN HISTORY 054 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 54 -r 320001 640000 -f1
/TPCCFlat68/history_2.dat.054

DDL/GEN HISTORY 054 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 54 -r 640001 960000 -f1
/TPCCFlat69/history_3.dat.054

DDL/GEN HISTORY 055 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 55 -r 1 320000 -f1
/TPCCFlat70/history_1.dat.055

DDL/GEN HISTORY 055 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 55 -r 320001 640000 -f1
/TPCCFlat71/history_2.dat.055

DDL/GEN HISTORY 055 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 55 -r 640001 960000 -f1
/TPCCFlat72/history_3.dat.055

DDL/GEN HISTORY 056 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 56 -r 1 320000 -f1
/TPCCFlat73/history_1.dat.056

DDL/GEN HISTORY 056 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 56 -r 320001 640000 -f1
/TPCCFlat74/history_2.dat.056

DDL/GEN HISTORY 056 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 56 -r 640001 960000 -f1
/TPCCFlat75/history_3.dat.056

DDL/GEN HISTORY 057 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 57 -r 1 320000 -f1
/TPCCFlat76/history_1.dat.057

DDL/GEN HISTORY 057 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 57 -r 320001 640000 -f1
/TPCCFlat77/history_2.dat.057

DDL/GEN HISTORY 057 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 57 -r 640001 960000 -f1
/TPCCFlat78/history_3.dat.057

DDL/GEN HISTORY 058 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 58 -r 1 320000 -f1
/TPCCFlat79/history_1.dat.058

DDL/GEN HISTORY 058 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 58 -r 320001 640000 -f1
/TPCCFlat80/history_2.dat.058

DDL/GEN HISTORY 058 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 58 -r 640001 960000 -f1
/TPCCFlat81/history_3.dat.058

DDL/GEN HISTORY 059 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 59 -r 1 320000 -f1
/TPCCFlat82/history_1.dat.059

DDL/GEN HISTORY 059 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 59 -r 320001 640000 -f1
/TPCCFlat83/history_2.dat.059

DDL/GEN HISTORY 059 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 59 -r 640001 960000 -f1
/TPCCFlat84/history_3.dat.059

DDL/GEN HISTORY 060 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 60 -r 1 320000 -f1
/TPCCFlat85/history_1.dat.060

DDL/GEN HISTORY 060 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 60 -r 320001 640000 -f1
/TPCCFlat86/history_2.dat.060

DDL/GEN HISTORY 060 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 60 -r 640001 960000 -f1
/TPCCFlat87/history_3.dat.060

DDL/GEN HISTORY 061 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 61 -r 1 320000 -f1
/TPCCFlat88/history_1.dat.061

DDL/GEN HISTORY 061 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 61 -r 320001 640000 -f1
/TPCCFlat89/history_2.dat.061

DDL/GEN HISTORY 061 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 61 -r 640001 960000 -f1
/TPCCFlat90/history_3.dat.061

DDL/GEN HISTORY 062 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 62 -r 1 320000 -f1
/TPCCFlat91/history_1.dat.062

DDL/GEN HISTORY 062 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 62 -r 320001 640000 -f1
/TPCCFlat92/history_2.dat.062

DDL/GEN HISTORY 062 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 62 -r 640001 960000 -f1
/TPCCFlat93/history_3.dat.062

DDL/GEN HISTORY 063 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 63 -r 1 320000 -f1
/TPCCFlat94/history_1.dat.063

DDL/GEN HISTORY 063 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 63 -r 320001 640000 -f1
/TPCCFlat95/history_2.dat.063

DDL/GEN HISTORY 063 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 63 -r 640001 960000 -f1
/TPCCFlat96/history_3.dat.063

DDL/GEN HISTORY 064 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 64 -r 1 320000 -f1
/TPCCFlat1/history_1.dat.064

DDL/GEN_HISTORY_064_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 64 -r 320001 640000 -f1
/TPCCFlat2/history_2.dat.064

DDL/GEN_HISTORY_064_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 64 -r 640001 960000 -f1
/TPCCFlat3/history_3.dat.064

DDL/GEN_HISTORY_065_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 65 -r 1 320000 -f1
/TPCCFlat4/history_1.dat.065

DDL/GEN_HISTORY_065_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 65 -r 320001 640000 -f1
/TPCCFlat5/history_2.dat.065

DDL/GEN_HISTORY_065_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 65 -r 640001 960000 -f1
/TPCCFlat6/history_3.dat.065

DDL/GEN_HISTORY_066_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 66 -r 1 320000 -f1
/TPCCFlat7/history_1.dat.066

DDL/GEN_HISTORY_066_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 66 -r 320001 640000 -f1
/TPCCFlat8/history_2.dat.066

DDL/GEN_HISTORY_066_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 66 -r 640001 960000 -f1
/TPCCFlat9/history_3.dat.066

DDL/GEN_HISTORY_067_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 67 -r 1 320000 -f1
/TPCCFlat10/history_1.dat.067

DDL/GEN_HISTORY_067_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 67 -r 320001 640000 -f1
/TPCCFlat11/history_2.dat.067

DDL/GEN_HISTORY_067_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 67 -r 640001 960000 -f1
/TPCCFlat12/history_3.dat.067

DDL/GEN_HISTORY_068_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 68 -r 1 320000 -f1
/TPCCFlat13/history_1.dat.068

DDL/GEN_HISTORY_068_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 68 -r 320001 640000 -f1
/TPCCFlat14/history_2.dat.068

DDL/GEN_HISTORY_068_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 68 -r 640001 960000 -f1
/TPCCFlat15/history_3.dat.068

DDL/GEN_HISTORY_069_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 69 -r 1 320000 -f1
/TPCCFlat16/history_1.dat.069

DDL/GEN_HISTORY_069_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 69 -r 320001 640000 -f1
/TPCCFlat17/history_2.dat.069

DDL/GEN_HISTORY_069_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 69 -r 640001 960000 -f1
/TPCCFlat18/history_3.dat.069

DDL/GEN_HISTORY_070_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 70 -r 1 320000 -f1
/TPCCFlat19/history_1.dat.070

DDL/GEN_HISTORY_070_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 70 -r 320001 640000 -f1
/TPCCFlat20/history_2.dat.070

DDL/GEN_HISTORY_070_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 70 -r 640001 960000 -f1
/TPCCFlat21/history_3.dat.070

DDL/GEN_HISTORY_071_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 71 -r 1 320000 -f1
/TPCCFlat22/history_1.dat.071

DDL/GEN_HISTORY_071_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 71 -r 320001 640000 -f1
/TPCCFlat23/history_2.dat.071

DDL/GEN_HISTORY_071_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 71 -r 640001 960000 -f1
/TPCCFlat24/history_3.dat.071

DDL/GEN_HISTORY_072_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 72 -r 1 320000 -f1
/TPCCFlat25/history_1.dat.072

DDL/GEN_HISTORY_072_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 72 -r 320001 640000 -f1
/TPCCFlat26/history_2.dat.072

DDL/GEN_HISTORY_072_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 72 -r 640001 960000 -f1
/TPCCFlat27/history_3.dat.072

DDL/GEN_HISTORY_073_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 73 -r 1 320000 -f1
/TPCCFlat28/history_1.dat.073

DDL/GEN_HISTORY_073_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 73 -r 320001 640000 -f1
/TPCCFlat29/history_2.dat.073

DDL/GEN_HISTORY_073_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 73 -r 640001 960000 -f1
/TPCCFlat30/history_3.dat.073

DDL/GEN_HISTORY_074_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 74 -r 1 320000 -f1
/TPCCFlat31/history_1.dat.074

DDL/GEN_HISTORY_074_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 74 -r 320001 640000 -f1
/TPCCFlat32/history_2.dat.074

DDL/GEN HISTORY 074 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 74 -r 640001 960000 -f1
/TPCCFlat33/history_3.dat.074

DDL/GEN HISTORY 075 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 75 -r 1 320000 -f1
/TPCCFlat34/history_1.dat.075

DDL/GEN HISTORY 075 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 75 -r 320001 640000 -f1
/TPCCFlat35/history_2.dat.075

DDL/GEN HISTORY 075 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 75 -r 640001 960000 -f1
/TPCCFlat36/history_3.dat.075

DDL/GEN HISTORY 076 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 76 -r 1 320000 -f1
/TPCCFlat37/history_1.dat.076

DDL/GEN HISTORY 076 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 76 -r 320001 640000 -f1
/TPCCFlat38/history_2.dat.076

DDL/GEN HISTORY 076 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 76 -r 640001 960000 -f1
/TPCCFlat39/history_3.dat.076

DDL/GEN HISTORY 077 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 77 -r 1 320000 -f1
/TPCCFlat40/history_1.dat.077

DDL/GEN HISTORY 077 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 77 -r 320001 640000 -f1
/TPCCFlat41/history_2.dat.077

DDL/GEN HISTORY 077 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 77 -r 640001 960000 -f1
/TPCCFlat42/history_3.dat.077

DDL/GEN HISTORY 078 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 78 -r 1 320000 -f1
/TPCCFlat43/history_1.dat.078

DDL/GEN HISTORY 078 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 78 -r 320001 640000 -f1
/TPCCFlat44/history_2.dat.078

DDL/GEN HISTORY 078 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 78 -r 640001 960000 -f1
/TPCCFlat45/history_3.dat.078

DDL/GEN HISTORY 079 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 79 -r 1 320000 -f1
/TPCCFlat46/history_1.dat.079

DDL/GEN HISTORY 079 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 79 -r 320001 640000 -f1
/TPCCFlat47/history_2.dat.079

DDL/GEN HISTORY 079 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 79 -r 640001 960000 -f1
/TPCCFlat48/history_3.dat.079

DDL/GEN HISTORY 080 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 80 -r 1 320000 -f1
/TPCCFlat49/history_1.dat.080

DDL/GEN HISTORY 080 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 80 -r 320001 640000 -f1
/TPCCFlat50/history_2.dat.080

DDL/GEN HISTORY 080 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 80 -r 640001 960000 -f1
/TPCCFlat51/history_3.dat.080

DDL/GEN HISTORY 081 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 81 -r 1 320000 -f1
/TPCCFlat52/history_1.dat.081

DDL/GEN HISTORY 081 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 81 -r 320001 640000 -f1
/TPCCFlat53/history_2.dat.081

DDL/GEN HISTORY 081 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 81 -r 640001 960000 -f1
/TPCCFlat54/history_3.dat.081

DDL/GEN HISTORY 082 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 82 -r 1 320000 -f1
/TPCCFlat55/history_1.dat.082

DDL/GEN HISTORY 082 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 82 -r 320001 640000 -f1
/TPCCFlat56/history_2.dat.082

DDL/GEN HISTORY 082 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 82 -r 640001 960000 -f1
/TPCCFlat57/history_3.dat.082

DDL/GEN HISTORY 083 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 83 -r 1 320000 -f1
/TPCCFlat58/history_1.dat.083

DDL/GEN HISTORY 083 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 83 -r 320001 640000 -f1
/TPCCFlat59/history_2.dat.083

DDL/GEN HISTORY 083 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 83 -r 640001 960000 -f1
/TPCCFlat60/history_3.dat.083

DDL/GEN HISTORY 084 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 84 -r 1 320000 -f1
/TPCCFlat61/history_1.dat.084

DDL/GEN HISTORY 084 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 84 -r 320001 640000 -f1
/TPCCFlat62/history_2.dat.084

DDL/GEN HISTORY 084 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 84 -r 640001 960000 -f1
/TPCCFlat63/history_3.dat.084

DDL/GEN HISTORY 085 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 85 -r 1 320000 -f1
/TPCCFlat64/history_1.dat.085

DDL/GEN_HISTORY_085_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 85 -r 320001 640000 -f1
/TPCCFlat65/history_2.dat.085

DDL/GEN_HISTORY_085_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 85 -r 640001 960000 -f1
/TPCCFlat66/history_3.dat.085

DDL/GEN_HISTORY_086_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 86 -r 1 320000 -f1
/TPCCFlat67/history_1.dat.086

DDL/GEN_HISTORY_086_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 86 -r 320001 640000 -f1
/TPCCFlat68/history_2.dat.086

DDL/GEN_HISTORY_086_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 86 -r 640001 960000 -f1
/TPCCFlat69/history_3.dat.086

DDL/GEN_HISTORY_087_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 87 -r 1 320000 -f1
/TPCCFlat70/history_1.dat.087

DDL/GEN_HISTORY_087_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 87 -r 320001 640000 -f1
/TPCCFlat71/history_2.dat.087

DDL/GEN_HISTORY_087_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 87 -r 640001 960000 -f1
/TPCCFlat72/history_3.dat.087

DDL/GEN_HISTORY_088_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 88 -r 1 320000 -f1
/TPCCFlat73/history_1.dat.088

DDL/GEN_HISTORY_088_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 88 -r 320001 640000 -f1
/TPCCFlat74/history_2.dat.088

DDL/GEN_HISTORY_088_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 88 -r 640001 960000 -f1
/TPCCFlat75/history_3.dat.088

DDL/GEN_HISTORY_089_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 89 -r 1 320000 -f1
/TPCCFlat76/history_1.dat.089

DDL/GEN_HISTORY_089_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 89 -r 320001 640000 -f1
/TPCCFlat77/history_2.dat.089

DDL/GEN_HISTORY_089_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 89 -r 640001 960000 -f1
/TPCCFlat78/history_3.dat.089

DDL/GEN_HISTORY_090_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 90 -r 1 320000 -f1
/TPCCFlat79/history_1.dat.090

DDL/GEN_HISTORY_090_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 90 -r 320001 640000 -f1
/TPCCFlat80/history_2.dat.090

DDL/GEN_HISTORY_090_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 90 -r 640001 960000 -f1
/TPCCFlat81/history_3.dat.090

DDL/GEN_HISTORY_091_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 91 -r 1 320000 -f1
/TPCCFlat82/history_1.dat.091

DDL/GEN_HISTORY_091_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 91 -r 320001 640000 -f1
/TPCCFlat83/history_2.dat.091

DDL/GEN_HISTORY_091_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 91 -r 640001 960000 -f1
/TPCCFlat84/history_3.dat.091

DDL/GEN_HISTORY_092_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 92 -r 1 320000 -f1
/TPCCFlat85/history_1.dat.092

DDL/GEN_HISTORY_092_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 92 -r 320001 640000 -f1
/TPCCFlat86/history_2.dat.092

DDL/GEN_HISTORY_092_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 92 -r 640001 960000 -f1
/TPCCFlat87/history_3.dat.092

DDL/GEN_HISTORY_093_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 93 -r 1 320000 -f1
/TPCCFlat88/history_1.dat.093

DDL/GEN_HISTORY_093_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 93 -r 320001 640000 -f1
/TPCCFlat89/history_2.dat.093

DDL/GEN_HISTORY_093_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 93 -r 640001 960000 -f1
/TPCCFlat90/history_3.dat.093

DDL/GEN_HISTORY_094_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 94 -r 1 320000 -f1
/TPCCFlat91/history_1.dat.094

DDL/GEN_HISTORY_094_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 94 -r 320001 640000 -f1
/TPCCFlat92/history_2.dat.094

DDL/GEN_HISTORY_094_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 94 -r 640001 960000 -f1
/TPCCFlat93/history_3.dat.094

DDL/GEN_HISTORY_095_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 95 -r 1 320000 -f1
/TPCCFlat94/history_1.dat.095

DDL/GEN_HISTORY_095_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 95 -r 320001 640000 -f1
/TPCCFlat95/history_2.dat.095

DDL/GEN HISTORY 095 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 8 -n 95 -r 640001 960000 -f1
/TPCCFlat96/history_3.dat.095

DDL/GEN ITEM 000 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 5 -n 0 -f1
/TPCCFlat1/item_1.dat.000

DDL/GEN NEW ORDER 000 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 0 -r 1 320000 -f1
/TPCCFlat1/neworder_1.dat.000

DDL/GEN NEW ORDER 000 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 0 -r 320001 640000 -f1
/TPCCFlat2/neworder_2.dat.000

DDL/GEN NEW ORDER 000 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 0 -r 640001 960000 -f1
/TPCCFlat3/neworder_3.dat.000

DDL/GEN NEW ORDER 001 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 1 -r 1 320000 -f1
/TPCCFlat4/neworder_1.dat.001

DDL/GEN NEW ORDER 001 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 1 -r 320001 640000 -f1
/TPCCFlat5/neworder_2.dat.001

DDL/GEN NEW ORDER 001 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 1 -r 640001 960000 -f1
/TPCCFlat6/neworder_3.dat.001

DDL/GEN NEW ORDER 002 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 2 -r 1 320000 -f1
/TPCCFlat7/neworder_1.dat.002

DDL/GEN NEW ORDER 002 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 2 -r 320001 640000 -f1
/TPCCFlat8/neworder_2.dat.002

DDL/GEN NEW ORDER 002 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 2 -r 640001 960000 -f1
/TPCCFlat9/neworder_3.dat.002

DDL/GEN NEW ORDER 003 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 3 -r 1 320000 -f1
/TPCCFlat10/neworder_1.dat.003

DDL/GEN NEW ORDER 003 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 3 -r 320001 640000 -f1
/TPCCFlat11/neworder_2.dat.003

DDL/GEN NEW ORDER 003 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 3 -r 640001 960000 -f1
/TPCCFlat12/neworder_3.dat.003

DDL/GEN NEW ORDER 004 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 4 -r 1 320000 -f1
/TPCCFlat13/neworder_1.dat.004

DDL/GEN NEW ORDER 004 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 4 -r 320001 640000 -f1
/TPCCFlat14/neworder_2.dat.004

DDL/GEN NEW ORDER 004 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 4 -r 640001 960000 -f1
/TPCCFlat15/neworder_3.dat.004

DDL/GEN NEW ORDER 005 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 5 -r 1 320000 -f1
/TPCCFlat16/neworder_1.dat.005

DDL/GEN NEW ORDER 005 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 5 -r 320001 640000 -f1
/TPCCFlat17/neworder_2.dat.005

DDL/GEN NEW ORDER 005 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 5 -r 640001 960000 -f1
/TPCCFlat18/neworder_3.dat.005

DDL/GEN NEW ORDER 006 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 6 -r 1 320000 -f1
/TPCCFlat19/neworder_1.dat.006

DDL/GEN NEW ORDER 006 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 6 -r 320001 640000 -f1
/TPCCFlat20/neworder_2.dat.006

DDL/GEN NEW ORDER 006 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 6 -r 640001 960000 -f1
/TPCCFlat21/neworder_3.dat.006

DDL/GEN NEW ORDER 007 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 7 -r 1 320000 -f1
/TPCCFlat22/neworder_1.dat.007

DDL/GEN NEW ORDER 007 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 7 -r 320001 640000 -f1
/TPCCFlat23/neworder_2.dat.007

DDL/GEN NEW ORDER 007 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 7 -r 640001 960000 -f1
/TPCCFlat24/neworder_3.dat.007

DDL/GEN NEW ORDER 008 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 8 -r 1 320000 -f1
/TPCCFlat25/neworder_1.dat.008

DDL/GEN NEW ORDER 008 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 8 -r 320001 640000 -f1
/TPCCFlat26/neworder_2.dat.008

DDL/GEN NEW ORDER 008 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 8 -r 640001 960000 -f1
/TPCCFlat27/neworder_3.dat.008

DDL/GEN NEW ORDER 009 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 9 -r 1 320000 -f1
/TPCCFlat28/neworder_1.dat.009

DDL/GEN NEW ORDER 009 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 9 -r 320001 640000 -f1
/TPCCFlat29/neworder_2.dat.009

DDL/GEN NEW ORDER 009 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 9 -r 64001 960000 -f1
/TPCCFlat30/neworder_3.dat.009

DDL/GEN NEW ORDER 010 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 10 -r 1 320000 -f1
/TPCCFlat31/neworder_1.dat.010

DDL/GEN NEW ORDER 010 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 10 -r 320001 640000 -f1
/TPCCFlat32/neworder_2.dat.010

DDL/GEN NEW ORDER 010 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 10 -r 640001 960000 -f1
/TPCCFlat33/neworder_3.dat.010

DDL/GEN NEW ORDER 011 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 11 -r 1 320000 -f1
/TPCCFlat34/neworder_1.dat.011

DDL/GEN NEW ORDER 011 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 11 -r 320001 640000 -f1
/TPCCFlat35/neworder_2.dat.011

DDL/GEN NEW ORDER 011 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 11 -r 640001 960000 -f1
/TPCCFlat36/neworder_3.dat.011

DDL/GEN NEW ORDER 012 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 12 -r 1 320000 -f1
/TPCCFlat37/neworder_1.dat.012

DDL/GEN NEW ORDER 012 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 12 -r 320001 640000 -f1
/TPCCFlat38/neworder_2.dat.012

DDL/GEN NEW ORDER 012 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 12 -r 640001 960000 -f1
/TPCCFlat39/neworder_3.dat.012

DDL/GEN NEW ORDER 013 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 13 -r 1 320000 -f1
/TPCCFlat40/neworder_1.dat.013

DDL/GEN NEW ORDER 013 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 13 -r 320001 640000 -f1
/TPCCFlat41/neworder_2.dat.013

DDL/GEN NEW ORDER 013 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 13 -r 640001 960000 -f1
/TPCCFlat42/neworder_3.dat.013

DDL/GEN NEW ORDER 014 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 14 -r 1 320000 -f1
/TPCCFlat43/neworder_1.dat.014

DDL/GEN NEW ORDER 014 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 14 -r 320001 640000 -f1
/TPCCFlat44/neworder_2.dat.014

DDL/GEN NEW ORDER 014 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 14 -r 640001 960000 -f1
/TPCCFlat45/neworder_3.dat.014

DDL/GEN NEW ORDER 015 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 15 -r 1 320000 -f1
/TPCCFlat46/neworder_1.dat.015

DDL/GEN NEW ORDER 015 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 15 -r 320001 640000 -f1
/TPCCFlat47/neworder_2.dat.015

DDL/GEN NEW ORDER 015 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 15 -r 640001 960000 -f1
/TPCCFlat48/neworder_3.dat.015

DDL/GEN NEW ORDER 016 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 16 -r 1 320000 -f1
/TPCCFlat49/neworder_1.dat.016

DDL/GEN NEW ORDER 016 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 16 -r 320001 640000 -f1
/TPCCFlat50/neworder_2.dat.016

DDL/GEN NEW ORDER 016 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 16 -r 640001 960000 -f1
/TPCCFlat51/neworder_3.dat.016

DDL/GEN NEW ORDER 017 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 17 -r 1 320000 -f1
/TPCCFlat52/neworder_1.dat.017

DDL/GEN NEW ORDER 017 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 17 -r 320001 640000 -f1
/TPCCFlat53/neworder_2.dat.017

DDL/GEN NEW ORDER 017 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 17 -r 640001 960000 -f1
/TPCCFlat54/neworder_3.dat.017

DDL/GEN NEW ORDER 018 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 18 -r 1 320000 -f1
/TPCCFlat55/neworder_1.dat.018

DDL/GEN NEW ORDER 018 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 18 -r 320001 640000 -f1
/TPCCFlat56/neworder_2.dat.018

DDL/GEN NEW ORDER 018 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 18 -r 640001 960000 -f1
/TPCCFlat57/neworder_3.dat.018

DDL/GEN NEW ORDER 019 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 19 -r 1 320000 -f1
/TPCCFlat58/neworder_1.dat.019

DDL/GEN NEW ORDER 019 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 19 -r 320001 640000 -f1
/TPCCFlat59/neworder_2.dat.019

DDL/GEN NEW ORDER 019 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 19 -r 640001 960000 -f1
/TPCCFlat60/neworder_3.dat.019

DDL/GEN NEW ORDER 020 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 20 -r 1 320000 -f1
/TPCCFlat61/neworder_1.dat.020

DDL/GEN NEW ORDER 020 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 20 -r 320001 640000 -f1
/TPCCFlat62/neworder_2.dat.020

DDL/GEN NEW ORDER 020 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 20 -r 640001 960000 -f1
/TPCCFlat63/neworder_3.dat.020

DDL/GEN NEW ORDER 021 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 21 -r 1 320000 -f1
/TPCCFlat64/neworder_1.dat.021

DDL/GEN NEW ORDER 021 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 21 -r 320001 640000 -f1
/TPCCFlat65/neworder_2.dat.021

DDL/GEN NEW ORDER 021 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 21 -r 640001 960000 -f1
/TPCCFlat66/neworder_3.dat.021

DDL/GEN NEW ORDER 022 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 22 -r 1 320000 -f1
/TPCCFlat67/neworder_1.dat.022

DDL/GEN NEW ORDER 022 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 22 -r 320001 640000 -f1
/TPCCFlat68/neworder_2.dat.022

DDL/GEN NEW ORDER 022 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 22 -r 640001 960000 -f1
/TPCCFlat69/neworder_3.dat.022

DDL/GEN NEW ORDER 023 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 23 -r 1 320000 -f1
/TPCCFlat70/neworder_1.dat.023

DDL/GEN NEW ORDER 023 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 23 -r 320001 640000 -f1
/TPCCFlat71/neworder_2.dat.023

DDL/GEN NEW ORDER 023 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 23 -r 640001 960000 -f1
/TPCCFlat72/neworder_3.dat.023

DDL/GEN NEW ORDER 024 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 24 -r 1 320000 -f1
/TPCCFlat73/neworder_1.dat.024

DDL/GEN NEW ORDER 024 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 24 -r 320001 640000 -f1
/TPCCFlat74/neworder_2.dat.024

DDL/GEN NEW ORDER 024 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 24 -r 640001 960000 -f1
/TPCCFlat75/neworder_3.dat.024

DDL/GEN NEW ORDER 025 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 25 -r 1 320000 -f1
/TPCCFlat76/neworder_1.dat.025

DDL/GEN NEW ORDER 025 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 25 -r 320001 640000 -f1
/TPCCFlat77/neworder_2.dat.025

DDL/GEN NEW ORDER 025 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 25 -r 640001 960000 -f1
/TPCCFlat78/neworder_3.dat.025

DDL/GEN NEW ORDER 026 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 26 -r 1 320000 -f1
/TPCCFlat79/neworder_1.dat.026

DDL/GEN NEW ORDER 026 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 26 -r 320001 640000 -f1
/TPCCFlat80/neworder_2.dat.026

DDL/GEN NEW ORDER 026 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 26 -r 640001 960000 -f1
/TPCCFlat81/neworder_3.dat.026

DDL/GEN NEW ORDER 027 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 27 -r 1 320000 -f1
/TPCCFlat82/neworder_1.dat.027

DDL/GEN NEW ORDER 027 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 27 -r 320001 640000 -f1
/TPCCFlat83/neworder_2.dat.027

DDL/GEN NEW ORDER 027 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 27 -r 640001 960000 -f1
/TPCCFlat84/neworder_3.dat.027

DDL/GEN NEW ORDER 028 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 28 -r 1 320000 -f1
/TPCCFlat85/neworder_1.dat.028

DDL/GEN NEW ORDER 028 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 28 -r 320001 640000 -f1
/TPCCFlat86/neworder_2.dat.028

DDL/GEN NEW ORDER 028 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 28 -r 640001 960000 -f1
/TPCCFlat87/neworder_3.dat.028

DDL/GEN NEW ORDER 029 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 29 -r 1 320000 -f1
/TPCCFlat88/neworder_1.dat.029

DDL/GEN NEW ORDER 029 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 29 -r 320001 640000 -f1
/TPCCFlat89/neworder_2.dat.029

DDL/GEN NEW ORDER 029 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 29 -r 640001 960000 -f1
/TPCCFlat90/neworder_3.dat.029

DDL/GEN NEW ORDER 030 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 30 -r 1 320000 -f1
/TPCCFlat91/neworder_1.dat.030

DDL/GEN NEW ORDER 030 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 30 -r 320001 640000 -f1
/TPCCFlat92/neworder_2.dat.030

DDL/GEN NEW ORDER 030 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 30 -r 640001 960000 -f1
/TPCCFlat93/neworder_3.dat.030

DDL/GEN NEW ORDER 031 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 31 -r 1 320000 -f1
/TPCCFlat94/neworder_1.dat.031

DDL/GEN NEW ORDER 031 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 31 -r 320001 640000 -f1
/TPCCFlat95/neworder_2.dat.031

DDL/GEN NEW ORDER 031 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 31 -r 640001 960000 -f1
/TPCCFlat96/neworder_3.dat.031

DDL/GEN NEW ORDER 032 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 32 -r 1 320000 -f1
/TPCCFlat1/neworder_1.dat.032

DDL/GEN NEW ORDER 032 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 32 -r 320001 640000 -f1
/TPCCFlat2/neworder_2.dat.032

DDL/GEN NEW ORDER 032 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 32 -r 640001 960000 -f1
/TPCCFlat3/neworder_3.dat.032

DDL/GEN NEW ORDER 033 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 33 -r 1 320000 -f1
/TPCCFlat4/neworder_1.dat.033

DDL/GEN NEW ORDER 033 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 33 -r 320001 640000 -f1
/TPCCFlat5/neworder_2.dat.033

DDL/GEN NEW ORDER 033 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 33 -r 640001 960000 -f1
/TPCCFlat6/neworder_3.dat.033

DDL/GEN NEW ORDER 034 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 34 -r 1 320000 -f1
/TPCCFlat7/neworder_1.dat.034

DDL/GEN NEW ORDER 034 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 34 -r 320001 640000 -f1
/TPCCFlat8/neworder_2.dat.034

DDL/GEN NEW ORDER 034 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 34 -r 640001 960000 -f1
/TPCCFlat9/neworder_3.dat.034

DDL/GEN NEW ORDER 035 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 35 -r 1 320000 -f1
/TPCCFlat10/neworder_1.dat.035

DDL/GEN NEW ORDER 035 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 35 -r 320001 640000 -f1
/TPCCFlat11/neworder_2.dat.035

DDL/GEN NEW ORDER 035 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 35 -r 640001 960000 -f1
/TPCCFlat12/neworder_3.dat.035

DDL/GEN NEW ORDER 036 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 36 -r 1 320000 -f1
/TPCCFlat13/neworder_1.dat.036

DDL/GEN NEW ORDER 036 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 36 -r 320001 640000 -f1
/TPCCFlat14/neworder_2.dat.036

DDL/GEN NEW ORDER 036 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 36 -r 640001 960000 -f1
/TPCCFlat15/neworder_3.dat.036

DDL/GEN NEW ORDER 037 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 37 -r 1 320000 -f1
/TPCCFlat16/neworder_1.dat.037

DDL/GEN NEW ORDER 037 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 37 -r 320001 640000 -f1
/TPCCFlat17/neworder_2.dat.037

DDL/GEN NEW ORDER 037 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 37 -r 640001 960000 -f1
/TPCCFlat18/neworder_3.dat.037

DDL/GEN NEW ORDER 038 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 38 -r 1 320000 -f1
/TPCCFlat19/neworder_1.dat.038

DDL/GEN NEW ORDER 038 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 38 -r 320001 640000 -f1
/TPCCFlat20/neworder_2.dat.038

DDL/GEN NEW ORDER 038 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 38 -r 640001 960000 -f1
/TPCCFlat21/neworder_3.dat.038

DDL/GEN NEW ORDER 039 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 39 -r 1 320000 -f1
/TPCCFlat22/neworder_1.dat.039

DDL/GEN NEW ORDER 039 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 39 -r 320001 640000 -f1
/TPCCFlat23/neworder_2.dat.039

DDL/GEN NEW ORDER 039 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 39 -r 640001 960000 -f1
/TPCCFlat24/neworder_3.dat.039

DDL/GEN NEW ORDER 040 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 40 -r 1 320000 -f1
/TPCCFlat25/neworder_1.dat.040

DDL/GEN NEW ORDER 040 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 40 -r 320001 640000 -f1
/TPCCFlat26/neworder_2.dat.040

DDL/GEN NEW ORDER 040 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 40 -r 640001 960000 -f1
/TPCCFlat27/neworder_3.dat.040

DDL/GEN NEW ORDER 041 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 41 -r 1 320000 -f1
/TPCCFlat28/neworder_1.dat.041

DDL/GEN NEW ORDER 041 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 41 -r 320001 640000 -f1
/TPCCFlat29/neworder_2.dat.041

DDL/GEN NEW ORDER 041 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 41 -r 640001 960000 -f1
/TPCCFlat30/neworder_3.dat.041

DDL/GEN NEW ORDER 042 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 42 -r 1 320000 -f1
/TPCCFlat31/neworder_1.dat.042

DDL/GEN NEW ORDER 042 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 42 -r 320001 640000 -f1
/TPCCFlat32/neworder_2.dat.042

DDL/GEN NEW ORDER 042 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 42 -r 640001 960000 -f1
/TPCCFlat33/neworder_3.dat.042

DDL/GEN NEW ORDER 043 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 43 -r 1 320000 -f1
/TPCCFlat34/neworder_1.dat.043

DDL/GEN NEW ORDER 043 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 43 -r 320001 640000 -f1
/TPCCFlat35/neworder_2.dat.043

DDL/GEN NEW ORDER 043 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 43 -r 640001 960000 -f1
/TPCCFlat36/neworder_3.dat.043

DDL/GEN NEW ORDER 044 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 44 -r 1 320000 -f1
/TPCCFlat37/neworder_1.dat.044

DDL/GEN NEW ORDER 044 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 44 -r 320001 640000 -f1
/TPCCFlat38/neworder_2.dat.044

DDL/GEN NEW ORDER 044 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 44 -r 640001 960000 -f1
/TPCCFlat39/neworder_3.dat.044

DDL/GEN NEW ORDER 045 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 45 -r 1 320000 -f1
/TPCCFlat40/neworder_1.dat.045

DDL/GEN NEW ORDER 045 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 45 -r 320001 640000 -f1
/TPCCFlat41/neworder_2.dat.045

DDL/GEN NEW ORDER 045 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 45 -r 640001 960000 -f1
/TPCCFlat42/neworder_3.dat.045

DDL/GEN NEW ORDER 046 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 46 -r 1 320000 -f1
/TPCCFlat43/neworder_1.dat.046

DDL/GEN NEW ORDER 046 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 46 -r 320001 640000 -f1
/TPCCFlat44/neworder_2.dat.046

DDL/GEN NEW ORDER 046 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 46 -r 640001 960000 -f1
/TPCCFlat45/neworder_3.dat.046

DDL/GEN NEW ORDER 047 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 47 -r 1 320000 -f1
/TPCCFlat46/neworder_1.dat.047

DDL/GEN NEW ORDER 047 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 47 -r 320001 640000 -f1
/TPCCFlat47/neworder_2.dat.047

DDL/GEN NEW ORDER 047 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 47 -r 640001 960000 -f1
/TPCCFlat48/neworder_3.dat.047

DDL/GEN NEW ORDER 048 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 48 -r 1 320000 -f1
/TPCCFlat49/neworder_1.dat.048

DDL/GEN NEW ORDER 048 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 48 -r 320001 640000 -f1
/TPCCFlat50/neworder_2.dat.048

DDL/GEN NEW ORDER 048 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 48 -r 640001 960000 -f1
/TPCCFlat51/neworder_3.dat.048

DDL/GEN NEW ORDER 049 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 49 -r 1 320000 -f1
/TPCCFlat52/neworder_1.dat.049

DDL/GEN NEW ORDER 049 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 49 -r 320001 640000 -f1
/TPCCFlat53/neworder_2.dat.049

DDL/GEN NEW ORDER 049 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 49 -r 640001 960000 -f1
/TPCCFlat54/neworder_3.dat.049

DDL/GEN NEW ORDER 050 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 50 -r 1 320000 -f1
/TPCCFlat55/neworder_1.dat.050

DDL/GEN NEW ORDER 050 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 50 -r 320001 640000 -f1
/TPCCFlat56/neworder_2.dat.050

DDL/GEN NEW ORDER 050 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 50 -r 640001 960000 -f1
/TPCCFlat57/neworder_3.dat.050

DDL/GEN NEW ORDER 051 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 51 -r 1 320000 -f1
/TPCCFlat58/neworder_1.dat.051

DDL/GEN NEW ORDER 051 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 51 -r 320001 640000 -f1
/TPCCFlat59/neworder_2.dat.051

DDL/GEN NEW ORDER 051 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 51 -r 640001 960000 -f1
/TPCCFlat60/neworder_3.dat.051

DDL/GEN NEW ORDER 052 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 52 -r 1 320000 -f1
/TPCCFlat61/neworder_1.dat.052

DDL/GEN NEW ORDER 052 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 52 -r 320001 640000 -f1
/TPCCFlat62/neworder_2.dat.052

DDL/GEN NEW ORDER 052 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 52 -r 640001 960000 -f1
/TPCCFlat63/neworder_3.dat.052

DDL/GEN NEW ORDER 053 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 53 -r 1 320000 -f1
/TPCCFlat64/neworder_1.dat.053

DDL/GEN NEW ORDER 053 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 53 -r 320001 640000 -f1
/TPCCFlat65/neworder_2.dat.053

DDL/GEN NEW ORDER 053 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 53 -r 640001 960000 -f1
/TPCCFlat66/neworder_3.dat.053

DDL/GEN NEW ORDER 054 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 54 -r 1 320000 -f1
/TPCCFlat67/neworder_1.dat.054

DDL/GEN NEW ORDER 054 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 54 -r 320001 640000 -f1
/TPCCFlat68/neworder_2.dat.054

DDL/GEN NEW ORDER 054 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 54 -r 640001 960000 -f1
/TPCCFlat69/neworder_3.dat.054

DDL/GEN NEW ORDER 055 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 55 -r 1 320000 -f1
/TPCCFlat70/neworder_1.dat.055

DDL/GEN NEW ORDER 055 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 55 -r 320001 640000 -f1
/TPCCFlat71/neworder_2.dat.055

DDL/GEN NEW ORDER 055 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 55 -r 640001 960000 -f1
/TPCCFlat72/neworder_3.dat.055

DDL/GEN NEW ORDER 056 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 56 -r 1 320000 -f1
/TPCCFlat73/neworder_1.dat.056

DDL/GEN NEW ORDER 056 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 56 -r 320001 640000 -f1
/TPCCFlat74/neworder_2.dat.056

DDL/GEN NEW ORDER 056 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 56 -r 640001 960000 -f1
/TPCCFlat75/neworder_3.dat.056

DDL/GEN NEW ORDER 057 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 57 -r 1 320000 -f1
/TPCCFlat76/neworder_1.dat.057

DDL/GEN NEW ORDER 057 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 57 -r 320001 640000 -f1
/TPCCFlat77/neworder_2.dat.057

DDL/GEN NEW ORDER 057 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 57 -r 640001 960000 -f1
/TPCCFlat78/neworder_3.dat.057

DDL/GEN NEW ORDER 058 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 58 -r 1 320000 -f1
/TPCCFlat79/neworder_1.dat.058

DDL/GEN NEW ORDER 058 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 58 -r 320001 640000 -f1
/TPCCFlat80/neworder_2.dat.058

DDL/GEN NEW ORDER 058 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 58 -r 640001 960000 -f1
/TPCCFlat81/neworder_3.dat.058

DDL/GEN NEW ORDER 059 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 59 -r 1 320000 -f1
/TPCCFlat82/neworder_1.dat.059

DDL/GEN NEW ORDER 059 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 59 -r 320001 640000 -f1
/TPCCFlat83/neworder_2.dat.059

DDL/GEN NEW ORDER 059 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 59 -r 640001 960000 -f1
/TPCCFlat84/neworder_3.dat.059

DDL/GEN NEW ORDER 060 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 60 -r 1 320000 -f1
/TPCCFlat85/neworder_1.dat.060

DDL/GEN NEW ORDER 060 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 60 -r 320001 640000 -f1
/TPCCFlat86/neworder_2.dat.060

DDL/GEN NEW ORDER 060 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 60 -r 640001 960000 -f1
/TPCCFlat87/neworder_3.dat.060

DDL/GEN NEW ORDER 061 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 61 -r 1 320000 -f1
/TPCCFlat88/neworder_1.dat.061

DDL/GEN NEW ORDER 061 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 61 -r 320001 640000 -f1
/TPCCFlat89/neworder_2.dat.061

DDL/GEN NEW ORDER 061 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 61 -r 640001 960000 -f1
/TPCCFlat90/neworder_3.dat.061

DDL/GEN NEW ORDER 062 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 62 -r 1 320000 -f1
/TPCCFlat91/neworder_1.dat.062

DDL/GEN NEW ORDER 062 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 62 -r 320001 640000 -f1
/TPCCFlat92/neworder_2.dat.062

DDL/GEN NEW ORDER 062 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 62 -r 640001 960000 -f1
/TPCCFlat93/neworder_3.dat.062

DDL/GEN NEW ORDER 063 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 63 -r 1 320000 -f1
/TPCCFlat94/neworder_1.dat.063

DDL/GEN NEW ORDER 063 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 63 -r 320001 640000 -f1
/TPCCFlat95/neworder_2.dat.063

DDL/GEN NEW ORDER 063 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 63 -r 640001 960000 -f1
/TPCCFlat96/neworder_3.dat.063

DDL/GEN NEW ORDER 064 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 64 -r 1 320000 -f1
/TPCCFlat1/neworder_1.dat.064

DDL/GEN NEW ORDER 064 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 64 -r 320001 640000 -f1
/TPCCFlat2/neworder_2.dat.064

DDL/GEN NEW ORDER 064 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 64 -r 640001 960000 -f1
/TPCCFlat3/neworder_3.dat.064

DDL/GEN NEW ORDER 065 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 65 -r 1 320000 -f1
/TPCCFlat4/neworder_1.dat.065

DDL/GEN NEW ORDER 065 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 65 -r 320001 640000 -f1
/TPCCFlat5/neworder_2.dat.065

DDL/GEN NEW ORDER 065 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 65 -r 640001 960000 -f1
/TPCCFlat6/neworder_3.dat.065

DDL/GEN NEW ORDER 066 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 66 -r 1 320000 -f1
/TPCCFlat7/neworder_1.dat.066

DDL/GEN NEW ORDER 066 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 66 -r 320001 640000 -f1
/TPCCFlat8/neworder_2.dat.066

DDL/GEN NEW ORDER 066 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 66 -r 640001 960000 -f1
/TPCCFlat9/neworder_3.dat.066

DDL/GEN NEW ORDER 067 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 67 -r 1 320000 -f1
/TPCCFlat10/neworder_1.dat.067

DDL/GEN NEW ORDER 067 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 67 -r 320001 640000 -f1
/TPCCFlat11/neworder_2.dat.067

DDL/GEN NEW ORDER 067 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 67 -r 640001 960000 -f1
/TPCCFlat12/neworder_3.dat.067

DDL/GEN NEW ORDER 068 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 68 -r 1 320000 -f1
/TPCCFlat13/neworder_1.dat.068

DDL/GEN NEW ORDER 068 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 68 -r 320001 640000 -f1
/TPCCFlat14/neworder_2.dat.068

DDL/GEN NEW ORDER 068 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 68 -r 640001 960000 -f1
/TPCCFlat15/neworder_3.dat.068

DDL/GEN NEW ORDER 069 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 69 -r 1 320000 -f1
/TPCCFlat16/neworder_1.dat.069

DDL/GEN NEW ORDER 069 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 69 -r 320001 640000 -f1
/TPCCFlat17/neworder_2.dat.069

DDL/GEN NEW ORDER 069 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 69 -r 640001 960000 -f1
/TPCCFlat18/neworder_3.dat.069

DDL/GEN NEW ORDER 070 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 70 -r 1 320000 -f1
/TPCCFlat19/neworder_1.dat.070

DDL/GEN NEW ORDER 070 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 70 -r 320001 640000 -f1
/TPCCFlat20/neworder_2.dat.070

DDL/GEN NEW ORDER 070 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 70 -r 640001 960000 -f1
/TPCCFlat21/neworder_3.dat.070

DDL/GEN NEW ORDER 071 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 71 -r 1 320000 -f1
/TPCCFlat22/neworder_1.dat.071

DDL/GEN NEW ORDER 071 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 71 -r 320001 640000 -f1
/TPCCFlat23/neworder_2.dat.071

DDL/GEN NEW ORDER 071 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 71 -r 640001 960000 -f1
/TPCCFlat24/neworder_3.dat.071

DDL/GEN NEW ORDER 072 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 72 -r 1 320000 -f1
/TPCCFlat25/neworder_1.dat.072

DDL/GEN NEW ORDER 072 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 72 -r 320001 640000 -f1
/TPCCFlat26/neworder_2.dat.072

DDL/GEN NEW ORDER 072 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 72 -r 640001 960000 -f1
/TPCCFlat27/neworder_3.dat.072

DDL/GEN NEW ORDER 073 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 73 -r 1 320000 -f1
/TPCCFlat28/neworder_1.dat.073

DDL/GEN NEW ORDER 073 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 73 -r 320001 640000 -f1
/TPCCFlat29/neworder_2.dat.073

DDL/GEN NEW ORDER 073 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 73 -r 640001 960000 -f1
/TPCCFlat30/neworder_3.dat.073

DDL/GEN NEW ORDER 074 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 74 -r 1 320000 -f1
/TPCCFlat31/neworder_1.dat.074

DDL/GEN NEW ORDER 074 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 74 -r 320001 640000 -f1
/TPCCFlat32/neworder_2.dat.074

DDL/GEN NEW ORDER 074 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 74 -r 640001 960000 -f1
/TPCCFlat33/neworder_3.dat.074

DDL/GEN NEW ORDER 075 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 75 -r 1 320000 -f1
/TPCCFlat34/neworder_1.dat.075

DDL/GEN NEW ORDER 075 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 75 -r 320001 640000 -f1
/TPCCFlat35/neworder_2.dat.075

DDL/GEN NEW ORDER 075 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 75 -r 640001 960000 -f1
/TPCCFlat36/neworder_3.dat.075

DDL/GEN NEW ORDER 076 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 76 -r 1 320000 -f1
/TPCCFlat37/neworder_1.dat.076

DDL/GEN NEW ORDER 076 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 76 -r 320001 640000 -f1
/TPCCFlat38/neworder_2.dat.076

DDL/GEN NEW ORDER 076 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 76 -r 640001 960000 -f1
/TPCCFlat39/neworder_3.dat.076

DDL/GEN NEW ORDER 077 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 77 -r 1 320000 -f1
/TPCCFlat40/neworder_1.dat.077

DDL/GEN NEW ORDER 077 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 77 -r 320001 640000 -f1
/TPCCFlat41/neworder_2.dat.077

DDL/GEN NEW ORDER 077 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 77 -r 640001 960000 -f1
/TPCCFlat42/neworder_3.dat.077

DDL/GEN NEW ORDER 078 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 78 -r 1 320000 -f1
/TPCCFlat43/neworder_1.dat.078

DDL/GEN NEW ORDER 078 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 78 -r 320001 640000 -f1
/TPCCFlat44/neworder_2.dat.078

DDL/GEN NEW ORDER 078 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 78 -r 640001 960000 -f1
/TPCCFlat45/neworder_3.dat.078

DDL/GEN NEW ORDER 079 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 79 -r 1 320000 -f1
/TPCCFlat46/neworder_1.dat.079

DDL/GEN NEW ORDER 079 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 79 -r 320001 640000 -f1
/TPCCFlat47/neworder_2.dat.079

DDL/GEN NEW ORDER 079 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 79 -r 640001 960000 -f1
/TPCCFlat48/neworder_3.dat.079

DDL/GEN NEW ORDER 080 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 80 -r 1 320000 -f1
/TPCCFlat49/neworder_1.dat.080

DDL/GEN NEW ORDER 080 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 80 -r 320001 640000 -f1
/TPCCFlat50/neworder_2.dat.080

DDL/GEN NEW ORDER 080 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 80 -r 640001 960000 -f1
/TPCCFlat51/neworder_3.dat.080

DDL/GEN NEW ORDER 081 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 81 -r 1 320000 -f1
/TPCCFlat52/neworder_1.dat.081

DDL/GEN NEW ORDER 081 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 81 -r 320001 640000 -f1
/TPCCFlat53/neworder_2.dat.081

DDL/GEN NEW ORDER 081 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 81 -r 640001 960000 -f1
/TPCCFlat54/neworder_3.dat.081

DDL/GEN NEW ORDER 082 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 82 -r 1 320000 -f1
/TPCCFlat55/neworder_1.dat.082

DDL/GEN NEW ORDER 082 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 82 -r 320001 640000 -f1
/TPCCFlat56/neworder_2.dat.082

DDL/GEN NEW ORDER 082 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 82 -r 640001 960000 -f1
/TPCCFlat57/neworder_3.dat.082

DDL/GEN NEW ORDER 083 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 83 -r 1 320000 -f1
/TPCCFlat58/neworder_1.dat.083

DDL/GEN NEW ORDER 083 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 83 -r 320001 640000 -f1
/TPCCFlat59/neworder_2.dat.083

DDL/GEN NEW ORDER 083 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 83 -r 640001 960000 -f1
/TPCCFlat60/neworder_3.dat.083

DDL/GEN NEW ORDER 084 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 84 -r 1 320000 -f1
/TPCCFlat61/neworder_1.dat.084

DDL/GEN NEW ORDER 084 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 84 -r 320001 640000 -f1
/TPCCFlat62/neworder_2.dat.084

DDL/GEN NEW ORDER 084 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 84 -r 640001 960000 -f1
/TPCCFlat63/neworder_3.dat.084

DDL/GEN NEW ORDER 085 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 85 -r 1 320000 -f1
/TPCCFlat64/neworder_1.dat.085

DDL/GEN NEW ORDER 085 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 85 -r 320001 640000 -f1
/TPCCFlat65/neworder_2.dat.085

DDL/GEN NEW ORDER 085 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 85 -r 640001 960000 -f1
/TPCCFlat66/neworder_3.dat.085

DDL/GEN NEW ORDER 086 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 86 -r 1 320000 -f1
/TPCCFlat67/neworder_1.dat.086

DDL/GEN NEW ORDER 086 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 86 -r 320001 640000 -f1
/TPCCFlat68/neworder_2.dat.086

DDL/GEN NEW ORDER 086 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 86 -r 640001 960000 -f1
/TPCCFlat69/neworder_3.dat.086

DDL/GEN NEW ORDER 087 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 87 -r 1 320000 -f1
/TPCCFlat70/neworder_1.dat.087

DDL/GEN NEW ORDER 087 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 87 -r 320001 640000 -f1
/TPCCFlat71/neworder_2.dat.087

DDL/GEN NEW ORDER 087 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 87 -r 640001 960000 -f1
/TPCCFlat72/neworder_3.dat.087

DDL/GEN NEW ORDER 088 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 88 -r 1 320000 -f1
/TPCCFlat73/neworder_1.dat.088

DDL/GEN NEW ORDER 088 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 88 -r 320001 640000 -f1
/TPCCFlat74/neworder_2.dat.088

DDL/GEN NEW ORDER 088 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 88 -r 640001 960000 -f1
/TPCCFlat75/neworder_3.dat.088

DDL/GEN NEW ORDER 089 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 89 -r 1 320000 -f1
/TPCCFlat76/neworder_1.dat.089

DDL/GEN NEW ORDER 089 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 89 -r 320001 640000 -f1
/TPCCFlat77/neworder_2.dat.089

DDL/GEN NEW ORDER 089 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 89 -r 640001 960000 -f1
/TPCCFlat78/neworder_3.dat.089

DDL/GEN NEW ORDER 090 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 90 -r 1 320000 -f1
/TPCCFlat79/neworder_1.dat.090

DDL/GEN NEW ORDER 090 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 90 -r 320001 640000 -f1
/TPCCFlat80/neworder_2.dat.090

DDL/GEN NEW ORDER 090 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 90 -r 640001 960000 -f1
/TPCCFlat81/neworder_3.dat.090

DDL/GEN NEW ORDER 091 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 91 -r 1 320000 -f1
/TPCCFlat82/neworder_1.dat.091

DDL/GEN NEW ORDER 091 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 91 -r 320001 640000 -f1
/TPCCFlat83/neworder_2.dat.091

DDL/GEN NEW ORDER 091 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 91 -r 640001 960000 -f1
/TPCCFlat84/neworder_3.dat.091

DDL/GEN NEW ORDER 092 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 92 -r 1 320000 -f1
/TPCCFlat85/neworder_1.dat.092

DDL/GEN NEW ORDER 092 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 92 -r 320001 640000 -f1
/TPCCFlat86/neworder_2.dat.092

DDL/GEN NEW ORDER 092 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 92 -r 640001 960000 -f1
/TPCCFlat87/neworder_3.dat.092

DDL/GEN NEW ORDER 093 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 93 -r 1 320000 -f1
/TPCCFlat88/neworder_1.dat.093

DDL/GEN NEW ORDER 093 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 93 -r 320001 640000 -f1
/TPCCFlat89/neworder_2.dat.093

DDL/GEN NEW ORDER 093 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 93 -r 640001 960000 -f1
/TPCCFlat90/neworder_3.dat.093

DDL/GEN NEW ORDER 094 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 94 -r 1 320000 -f1
/TPCCFlat91/neworder_1.dat.094

DDL/GEN NEW ORDER 094 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 94 -r 320001 640000 -f1
/TPCCFlat92/neworder_2.dat.094

DDL/GEN NEW ORDER 094 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 94 -r 640001 960000 -f1
/TPCCFlat93/neworder_3.dat.094

DDL/GEN NEW ORDER 095 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 95 -r 1 320000 -f1
/TPCCFlat94/neworder_1.dat.095

DDL/GEN NEW ORDER 095 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 95 -r 320001 640000 -f1
/TPCCFlat95/neworder_2.dat.095

DDL/GEN NEW ORDER 095 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 11 -n 95 -r 640001 960000 -f1
/TPCCFlat96/neworder_3.dat.095

DDL/GEN ORDERS 000 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 0 -r 1 320000 -f1
/TPCCFlat1/orders_1.dat.000 -f2 /TPCCFlat1/orderline_1.dat.000

DDL/GEN ORDERS 000 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 0 -r 320001 640000 -f1
/TPCCFlat2/orders_2.dat.000 -f2 /TPCCFlat2/orderline_2.dat.000

DDL/GEN ORDERS 000 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 0 -r 640001 960000 -f1
/TPCCFlat3/orders_3.dat.000 -f2 /TPCCFlat3/orderline_3.dat.000

DDL/GEN ORDERS 001 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 1 -r 1 320000 -f1
/TPCCFlat4/orders_1.dat.001 -f2 /TPCCFlat4/orderline_1.dat.001

DDL/GEN ORDERS 001 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 1 -r 320001 640000 -f1
/TPCCFlat5/orders_2.dat.001 -f2 /TPCCFlat5/orderline_2.dat.001

DDL/GEN ORDERS 001 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 1 -r 640001 960000 -f1
/TPCCFlat6/orders_3.dat.001 -f2 /TPCCFlat6/orderline_3.dat.001

DDL/GEN ORDERS 002 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 2 -r 1 320000 -f1
/TPCCFlat7/orders_1.dat.002 -f2 /TPCCFlat7/orderline_1.dat.002

DDL/GEN ORDERS 002 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 2 -r 320001 640000 -f1
/TPCCFlat8/orders_2.dat.002 -f2 /TPCCFlat8/orderline_2.dat.002

DDL/GEN ORDERS 002 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 2 -r 640001 960000 -f1
/TPCCFlat9/orders_3.dat.002 -f2 /TPCCFlat9/orderline_3.dat.002

DDL/GEN ORDERS 003 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 3 -r 1 320000 -f1
/TPCCFlat10/orders_1.dat.003 -f2 /TPCCFlat10/orderline_1.dat.003

DDL/GEN ORDERS 003 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 3 -r 320001 640000 -f1
/TPCCFlat11/orders_2.dat.003 -f2 /TPCCFlat11/orderline_2.dat.003

DDL/GEN ORDERS 003 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 3 -r 640001 960000 -f1
/TPCCFlat12/orders_3.dat.003 -f2 /TPCCFlat12/orderline_3.dat.003

DDL/GEN ORDERS 004 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 4 -r 1 320000 -f1
/TPCCFlat13/orders_1.dat.004 -f2 /TPCCFlat13/orderline_1.dat.004

DDL/GEN ORDERS 004 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 4 -r 320001 640000 -f1
/TPCCFlat14/orders_2.dat.004 -f2 /TPCCFlat14/orderline_2.dat.004

DDL/GEN ORDERS 004 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 4 -r 640001 960000 -f1
/TPCCFlat15/orders_3.dat.004 -f2 /TPCCFlat15/orderline_3.dat.004

DDL/GEN ORDERS 005 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 5 -r 1 320000 -f1
/TPCCFlat16/orders_1.dat.005 -f2 /TPCCFlat16/orderline_1.dat.005

DDL/GEN ORDERS 005 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 5 -r 320001 640000 -f1
/TPCCFlat17/orders_2.dat.005 -f2 /TPCCFlat17/orderline_2.dat.005

DDL/GEN ORDERS 005 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 5 -r 640001 960000 -f1
/TPCCFlat18/orders_3.dat.005 -f2 /TPCCFlat18/orderline_3.dat.005

DDL/GEN ORDERS 006 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 6 -r 1 320000 -f1
/TPCCFlat19/orders_1.dat.006 -f2 /TPCCFlat19/orderline_1.dat.006

DDL/GEN ORDERS 006 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 6 -r 320001 640000 -f1
/TPCCFlat20/orders_2.dat.006 -f2 /TPCCFlat20/orderline_2.dat.006

DDL/GEN ORDERS 006 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 6 -r 640001 960000 -f1
/TPCCFlat21/orders_3.dat.006 -f2 /TPCCFlat21/orderline_3.dat.006

DDL/GEN ORDERS 007 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 7 -r 1 320000 -f1
/TPCCFlat22/orders_1.dat.007 -f2 /TPCCFlat22/orderline_1.dat.007

DDL/GEN ORDERS 007 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 7 -r 320001 640000 -f1
/TPCCFlat23/orders_2.dat.007 -f2 /TPCCFlat23/orderline_2.dat.007

DDL/GEN ORDERS 007 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 7 -r 640001 960000 -f1
/TPCCFlat24/orders_3.dat.007 -f2 /TPCCFlat24/orderline_3.dat.007

DDL/GEN ORDERS 008 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 8 -r 1 320000 -f1
/TPCCFlat25/orders_1.dat.008 -f2 /TPCCFlat25/orderline_1.dat.008

DDL/GEN ORDERS 008 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 8 -r 320001 640000 -f1
/TPCCFlat26/orders_2.dat.008 -f2 /TPCCFlat26/orderline_2.dat.008

DDL/GEN ORDERS 008 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 8 -r 640001 960000 -f1
/TPCCFlat27/orders_3.dat.008 -f2 /TPCCFlat27/orderline_3.dat.008

DDL/GEN ORDERS 009 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 9 -r 1 320000 -f1
/TPCCFlat28/orders_1.dat.009 -f2 /TPCCFlat28/orderline_1.dat.009

DDL/GEN ORDERS 009 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 9 -r 320001 640000 -f1
/TPCCFlat29/orders_2.dat.009 -f2 /TPCCFlat29/orderline_2.dat.009

DDL/GEN ORDERS 009 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 9 -r 640001 960000 -f1
/TPCCFlat30/orders_3.dat.009 -f2 /TPCCFlat30/orderline_3.dat.009

DDL/GEN ORDERS 010 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 10 -r 1 320000 -f1
/TPCCFlat31/orders_1.dat.010 -f2 /TPCCFlat31/orderline_1.dat.010

DDL/GEN ORDERS 010 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 10 -r 320001 640000 -f1
/TPCCFlat32/orders_2.dat.010 -f2 /TPCCFlat32/orderline_2.dat.010

DDL/GEN ORDERS 010 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 10 -r 640001 960000 -f1
/TPCCFlat33/orders_3.dat.010 -f2 /TPCCFlat33/orderline_3.dat.010

DDL/GEN ORDERS 011 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 11 -r 1 320000 -f1
/TPCCFlat34/orders_1.dat.011 -f2 /TPCCFlat34/orderline_1.dat.011

DDL/GEN ORDERS 011 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 11 -r 320001 640000 -f1
/TPCCFlat35/orders_2.dat.011 -f2 /TPCCFlat35/orderline_2.dat.011

DDL/GEN ORDERS 011 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 11 -r 640001 960000 -f1
/TPCCFlat36/orders_3.dat.011 -f2 /TPCCFlat36/orderline_3.dat.011

DDL/GEN ORDERS 012 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 12 -r 1 320000 -f1
/TPCCFlat37/orders_1.dat.012 -f2 /TPCCFlat37/orderline_1.dat.012

DDL/GEN ORDERS 012 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 12 -r 320001 640000 -f1
/TPCCFlat38/orders_2.dat.012 -f2 /TPCCFlat38/orderline_2.dat.012

DDL/GEN ORDERS 012 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 12 -r 640001 960000 -f1
/TPCCFlat39/orders_3.dat.012 -f2 /TPCCFlat39/orderline_3.dat.012

DDL/GEN ORDERS 013 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 13 -r 1 320000 -f1
/TPCCFlat40/orders_1.dat.013 -f2 /TPCCFlat40/orderline_1.dat.013

DDL/GEN ORDERS 013 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 13 -r 320001 640000 -f1
/TPCCFlat41/orders_2.dat.013 -f2 /TPCCFlat41/orderline_2.dat.013

DDL/GEN ORDERS 013 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 13 -r 640001 960000 -f1
/TPCCFlat42/orders_3.dat.013 -f2 /TPCCFlat42/orderline_3.dat.013

DDL/GEN ORDERS 014 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 14 -r 1 320000 -f1
/TPCCFlat43/orders_1.dat.014 -f2 /TPCCFlat43/orderline_1.dat.014

DDL/GEN ORDERS 014 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 14 -r 320001 640000 -f1
/TPCCFlat44/orders_2.dat.014 -f2 /TPCCFlat44/orderline_2.dat.014

DDL/GEN ORDERS 014 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 14 -r 640001 960000 -f1
/TPCCFlat45/orders_3.dat.014 -f2 /TPCCFlat45/orderline_3.dat.014

DDL/GEN ORDERS 015 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 15 -r 1 320000 -f1
/TPCCFlat46/orders_1.dat.015 -f2 /TPCCFlat46/orderline_1.dat.015

DDL/GEN ORDERS 015 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 15 -r 320001 640000 -f1
/TPCCFlat47/orders_2.dat.015 -f2 /TPCCFlat47/orderline_2.dat.015

DDL/GEN ORDERS 015 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 15 -r 640001 960000 -f1
/TPCCFlat48/orders_3.dat.015 -f2 /TPCCFlat48/orderline_3.dat.015

DDL/GEN ORDERS 016 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 16 -r 1 320000 -f1
/TPCCFlat49/orders_1.dat.016 -f2 /TPCCFlat49/orderline_1.dat.016

DDL/GEN ORDERS 016 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 16 -r 320001 640000 -f1
/TPCCFlat50/orders_2.dat.016 -f2 /TPCCFlat50/orderline_2.dat.016

DDL/GEN ORDERS 016 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 16 -r 640001 960000 -f1
/TPCCFlat51/orders_3.dat.016 -f2 /TPCCFlat51/orderline_3.dat.016

DDL/GEN ORDERS 017 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 17 -r 1 320000 -f1
/TPCCFlat52/orders_1.dat.017 -f2 /TPCCFlat52/orderline_1.dat.017

DDL/GEN ORDERS 017 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 17 -r 320001 640000 -f1
/TPCCFlat53/orders_2.dat.017 -f2 /TPCCFlat53/orderline_2.dat.017

DDL/GEN ORDERS 017 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 17 -r 640001 960000 -f1
/TPCCFlat54/orders_3.dat.017 -f2 /TPCCFlat54/orderline_3.dat.017

DDL/GEN ORDERS 018 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 18 -r 1 320000 -f1
/TPCCFlat55/orders_1.dat.018 -f2 /TPCCFlat55/orderline_1.dat.018

DDL/GEN ORDERS 018 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 18 -r 320001 640000 -f1
/TPCCFlat56/orders_2.dat.018 -f2 /TPCCFlat56/orderline_2.dat.018

DDL/GEN ORDERS 018 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 18 -r 640001 960000 -f1
/TPCCFlat57/orders_3.dat.018 -f2 /TPCCFlat57/orderline_3.dat.018
```

DDL/GEN ORDERS 019 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 19 -r 1 320000 -f1
/TPCCFlat58/orders_1.dat.019 -f2 /TPCCFlat58/orderline_1.dat.019
```

DDL/GEN ORDERS 019 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 19 -r 320001 640000 -f1
/TPCCFlat59/orders_2.dat.019 -f2 /TPCCFlat59/orderline_2.dat.019
```

DDL/GEN ORDERS 019 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 19 -r 640001 960000 -f1
/TPCCFlat60/orders_3.dat.019 -f2 /TPCCFlat60/orderline_3.dat.019
```

DDL/GEN ORDERS 020 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 20 -r 1 320000 -f1
/TPCCFlat61/orders_1.dat.020 -f2 /TPCCFlat61/orderline_1.dat.020
```

DDL/GEN ORDERS 020 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 20 -r 320001 640000 -f1
/TPCCFlat62/orders_2.dat.020 -f2 /TPCCFlat62/orderline_2.dat.020
```

DDL/GEN ORDERS 020 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 20 -r 640001 960000 -f1
/TPCCFlat63/orders_3.dat.020 -f2 /TPCCFlat63/orderline_3.dat.020
```

DDL/GEN ORDERS 021 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 21 -r 1 320000 -f1
/TPCCFlat64/orders_1.dat.021 -f2 /TPCCFlat64/orderline_1.dat.021
```

DDL/GEN ORDERS 021 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 21 -r 320001 640000 -f1
/TPCCFlat65/orders_2.dat.021 -f2 /TPCCFlat65/orderline_2.dat.021
```

DDL/GEN ORDERS 021 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 21 -r 640001 960000 -f1
/TPCCFlat66/orders_3.dat.021 -f2 /TPCCFlat66/orderline_3.dat.021
```

DDL/GEN ORDERS 022 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 22 -r 1 320000 -f1
/TPCCFlat67/orders_1.dat.022 -f2 /TPCCFlat67/orderline_1.dat.022
```

DDL/GEN ORDERS 022 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 22 -r 320001 640000 -f1
/TPCCFlat68/orders_2.dat.022 -f2 /TPCCFlat68/orderline_2.dat.022
```

DDL/GEN ORDERS 022 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 22 -r 640001 960000 -f1
/TPCCFlat69/orders_3.dat.022 -f2 /TPCCFlat69/orderline_3.dat.022
```

DDL/GEN ORDERS 023 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 23 -r 1 320000 -f1
/TPCCFlat70/orders_1.dat.023 -f2 /TPCCFlat70/orderline_1.dat.023
```

DDL/GEN ORDERS 023 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 23 -r 320001 640000 -f1
/TPCCFlat71/orders_2.dat.023 -f2 /TPCCFlat71/orderline_2.dat.023
```

DDL/GEN ORDERS 023 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 23 -r 640001 960000 -f1
/TPCCFlat72/orders_3.dat.023 -f2 /TPCCFlat72/orderline_3.dat.023
```

DDL/GEN ORDERS 024 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 24 -r 1 320000 -f1
/TPCCFlat73/orders_1.dat.024 -f2 /TPCCFlat73/orderline_1.dat.024
```

DDL/GEN ORDERS 024 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 24 -r 320001 640000 -f1
/TPCCFlat74/orders_2.dat.024 -f2 /TPCCFlat74/orderline_2.dat.024
```

DDL/GEN ORDERS 024 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 24 -r 640001 960000 -f1
/TPCCFlat75/orders_3.dat.024 -f2 /TPCCFlat75/orderline_3.dat.024
```

DDL/GEN ORDERS 025 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 25 -r 1 320000 -f1
/TPCCFlat76/orders_1.dat.025 -f2 /TPCCFlat76/orderline_1.dat.025
```

DDL/GEN ORDERS 025 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 25 -r 320001 640000 -f1
/TPCCFlat77/orders_2.dat.025 -f2 /TPCCFlat77/orderline_2.dat.025
```

DDL/GEN ORDERS 025 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 25 -r 640001 960000 -f1
/TPCCFlat78/orders_3.dat.025 -f2 /TPCCFlat78/orderline_3.dat.025
```

DDL/GEN ORDERS 026 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 26 -r 1 320000 -f1
/TPCCFlat79/orders_1.dat.026 -f2 /TPCCFlat79/orderline_1.dat.026
```

DDL/GEN ORDERS 026 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 26 -r 320001 640000 -f1
/TPCCFlat80/orders_2.dat.026 -f2 /TPCCFlat80/orderline_2.dat.026
```

DDL/GEN ORDERS 026 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 26 -r 640001 960000 -f1
/TPCCFlat81/orders_3.dat.026 -f2 /TPCCFlat81/orderline_3.dat.026
```

DDL/GEN ORDERS 027 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 27 -r 1 320000 -f1
/TPCCFlat82/orders_1.dat.027 -f2 /TPCCFlat82/orderline_1.dat.027
```

DDL/GEN ORDERS 027 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 27 -r 320001 640000 -f1
/TPCCFlat83/orders_2.dat.027 -f2 /TPCCFlat83/orderline_2.dat.027
```

DDL/GEN ORDERS 027 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 27 -r 640001 960000 -f1
/TPCCFlat84/orders_3.dat.027 -f2 /TPCCFlat84/orderline_3.dat.027
```

DDL/GEN ORDERS 028 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 28 -r 1 320000 -f1
/TPCCFlat85/orders_1.dat.028 -f2 /TPCCFlat85/orderline_1.dat.028
```

DDL/GEN ORDERS 028 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 28 -r 320001 640000 -f1
/TPCCFlat86/orders_2.dat.028 -f2 /TPCCFlat86/orderline_2.dat.028
```

DDL/GEN ORDERS 028 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 28 -r 640001 960000 -f1
/TPCCFlat87/orders_3.dat.028 -f2 /TPCCFlat87/orderline_3.dat.028
```

DDL/GEN ORDERS 029 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 29 -r 1 320000 -f1
/TPCCFlat88/orders_1.dat.029 -f2 /TPCCFlat88/orderline_1.dat.029
```

DDL/GEN ORDERS 029 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 29 -r 320001 640000 -f1
/TPCCFlat89/orders_2.dat.029 -f2 /TPCCFlat89/orderline_2.dat.029

DDL/GEN ORDERS 029 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 29 -r 640001 960000 -f1
/TPCCFlat90/orders_3.dat.029 -f2 /TPCCFlat90/orderline_3.dat.029

DDL/GEN ORDERS 030 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 30 -r 1 320000 -f1
/TPCCFlat91/orders_1.dat.030 -f2 /TPCCFlat91/orderline_1.dat.030

DDL/GEN ORDERS 030 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 30 -r 320001 640000 -f1
/TPCCFlat92/orders_2.dat.030 -f2 /TPCCFlat92/orderline_2.dat.030

DDL/GEN ORDERS 030 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 30 -r 640001 960000 -f1
/TPCCFlat93/orders_3.dat.030 -f2 /TPCCFlat93/orderline_3.dat.030

DDL/GEN ORDERS 031 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 31 -r 1 320000 -f1
/TPCCFlat94/orders_1.dat.031 -f2 /TPCCFlat94/orderline_1.dat.031

DDL/GEN ORDERS 031 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 31 -r 320001 640000 -f1
/TPCCFlat95/orders_2.dat.031 -f2 /TPCCFlat95/orderline_2.dat.031

DDL/GEN ORDERS 031 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 31 -r 640001 960000 -f1
/TPCCFlat96/orders_3.dat.031 -f2 /TPCCFlat96/orderline_3.dat.031

DDL/GEN ORDERS 032 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 32 -r 1 320000 -f1
/TPCCFlat1/orders_1.dat.032 -f2 /TPCCFlat1/orderline_1.dat.032

DDL/GEN ORDERS 032 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 32 -r 320001 640000 -f1
/TPCCFlat2/orders_2.dat.032 -f2 /TPCCFlat2/orderline_2.dat.032

DDL/GEN ORDERS 032 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 32 -r 640001 960000 -f1
/TPCCFlat3/orders_3.dat.032 -f2 /TPCCFlat3/orderline_3.dat.032

DDL/GEN ORDERS 033 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 33 -r 1 320000 -f1
/TPCCFlat4/orders_1.dat.033 -f2 /TPCCFlat4/orderline_1.dat.033

DDL/GEN ORDERS 033 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 33 -r 320001 640000 -f1
/TPCCFlat5/orders_2.dat.033 -f2 /TPCCFlat5/orderline_2.dat.033

DDL/GEN ORDERS 033 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 33 -r 640001 960000 -f1
/TPCCFlat6/orders_3.dat.033 -f2 /TPCCFlat6/orderline_3.dat.033

DDL/GEN ORDERS 034 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 34 -r 1 320000 -f1
/TPCCFlat7/orders_1.dat.034 -f2 /TPCCFlat7/orderline_1.dat.034

DDL/GEN ORDERS 034 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 34 -r 320001 640000 -f1
/TPCCFlat8/orders_2.dat.034 -f2 /TPCCFlat8/orderline_2.dat.034

DDL/GEN ORDERS 034 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 34 -r 640001 960000 -f1
/TPCCFlat9/orders_3.dat.034 -f2 /TPCCFlat9/orderline_3.dat.034

DDL/GEN ORDERS 035 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 35 -r 1 320000 -f1
/TPCCFlat10/orders_1.dat.035 -f2 /TPCCFlat10/orderline_1.dat.035

DDL/GEN ORDERS 035 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 35 -r 320001 640000 -f1
/TPCCFlat11/orders_2.dat.035 -f2 /TPCCFlat11/orderline_2.dat.035

DDL/GEN ORDERS 035 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 35 -r 640001 960000 -f1
/TPCCFlat12/orders_3.dat.035 -f2 /TPCCFlat12/orderline_3.dat.035

DDL/GEN ORDERS 036 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 36 -r 1 320000 -f1
/TPCCFlat13/orders_1.dat.036 -f2 /TPCCFlat13/orderline_1.dat.036

DDL/GEN ORDERS 036 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 36 -r 320001 640000 -f1
/TPCCFlat14/orders_2.dat.036 -f2 /TPCCFlat14/orderline_2.dat.036

DDL/GEN ORDERS 036 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 36 -r 640001 960000 -f1
/TPCCFlat15/orders_3.dat.036 -f2 /TPCCFlat15/orderline_3.dat.036

DDL/GEN ORDERS 037 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 37 -r 1 320000 -f1
/TPCCFlat16/orders_1.dat.037 -f2 /TPCCFlat16/orderline_1.dat.037

DDL/GEN ORDERS 037 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 37 -r 320001 640000 -f1
/TPCCFlat17/orders_2.dat.037 -f2 /TPCCFlat17/orderline_2.dat.037

DDL/GEN ORDERS 037 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 37 -r 640001 960000 -f1
/TPCCFlat18/orders_3.dat.037 -f2 /TPCCFlat18/orderline_3.dat.037

DDL/GEN ORDERS 038 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 38 -r 1 320000 -f1
/TPCCFlat19/orders_1.dat.038 -f2 /TPCCFlat19/orderline_1.dat.038

DDL/GEN ORDERS 038 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 38 -r 320001 640000 -f1
/TPCCFlat20/orders_2.dat.038 -f2 /TPCCFlat20/orderline_2.dat.038

DDL/GEN ORDERS 038 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 38 -r 640001 960000 -f1
/TPCCFlat21/orders_3.dat.038 -f2 /TPCCFlat21/orderline_3.dat.038

DDL/GEN ORDERS 039 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 39 -r 1 320000 -f1
/TPCCFlat22/orders_1.dat.039 -f2 /TPCCFlat22/orderline_1.dat.039

DDL/GEN ORDERS 039 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 39 -r 320001 640000 -f1
/TPCCFlat23/orders_2.dat.039 -f2 /TPCCFlat23/orderline_2.dat.039

DDL/GEN ORDERS 039 3.sh


```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 39 -r 640001 960000 -f1
/TPCCFlat24/orders_3.dat.039 -f2 /TPCCFlat24/orderline_3.dat.039
```

DDL/GEN ORDERS 040 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 40 -r 1 320000 -f1
/TPCCFlat25/orders_1.dat.040 -f2 /TPCCFlat25/orderline_1.dat.040
```

DDL/GEN ORDERS 040 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 40 -r 320001 640000 -f1
/TPCCFlat26/orders_2.dat.040 -f2 /TPCCFlat26/orderline_2.dat.040
```

DDL/GEN ORDERS 040 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 40 -r 640001 960000 -f1
/TPCCFlat27/orders_3.dat.040 -f2 /TPCCFlat27/orderline_3.dat.040
```

DDL/GEN ORDERS 041 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 41 -r 1 320000 -f1
/TPCCFlat28/orders_1.dat.041 -f2 /TPCCFlat28/orderline_1.dat.041
```

DDL/GEN ORDERS 041 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 41 -r 320001 640000 -f1
/TPCCFlat29/orders_2.dat.041 -f2 /TPCCFlat29/orderline_2.dat.041
```

DDL/GEN ORDERS 041 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 41 -r 640001 960000 -f1
/TPCCFlat30/orders_3.dat.041 -f2 /TPCCFlat30/orderline_3.dat.041
```

DDL/GEN ORDERS 042 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 42 -r 1 320000 -f1
/TPCCFlat31/orders_1.dat.042 -f2 /TPCCFlat31/orderline_1.dat.042
```

DDL/GEN ORDERS 042 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 42 -r 320001 640000 -f1
/TPCCFlat32/orders_2.dat.042 -f2 /TPCCFlat32/orderline_2.dat.042
```

DDL/GEN ORDERS 042 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 42 -r 640001 960000 -f1
/TPCCFlat33/orders_3.dat.042 -f2 /TPCCFlat33/orderline_3.dat.042
```

DDL/GEN ORDERS 043 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 43 -r 1 320000 -f1
/TPCCFlat34/orders_1.dat.043 -f2 /TPCCFlat34/orderline_1.dat.043
```

DDL/GEN ORDERS 043 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 43 -r 320001 640000 -f1
/TPCCFlat35/orders_2.dat.043 -f2 /TPCCFlat35/orderline_2.dat.043
```

DDL/GEN ORDERS 043 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 43 -r 640001 960000 -f1
/TPCCFlat36/orders_3.dat.043 -f2 /TPCCFlat36/orderline_3.dat.043
```

DDL/GEN ORDERS 044 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 44 -r 1 320000 -f1
/TPCCFlat37/orders_1.dat.044 -f2 /TPCCFlat37/orderline_1.dat.044
```

DDL/GEN ORDERS 044 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 44 -r 320001 640000 -f1
/TPCCFlat38/orders_2.dat.044 -f2 /TPCCFlat38/orderline_2.dat.044
```

DDL/GEN ORDERS 044 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 44 -r 640001 960000 -f1
/TPCCFlat39/orders_3.dat.044 -f2 /TPCCFlat39/orderline_3.dat.044
```

DDL/GEN ORDERS 045 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 45 -r 1 320000 -f1
/TPCCFlat40/orders_1.dat.045 -f2 /TPCCFlat40/orderline_1.dat.045
```

DDL/GEN ORDERS 045 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 45 -r 320001 640000 -f1
/TPCCFlat41/orders_2.dat.045 -f2 /TPCCFlat41/orderline_2.dat.045
```

DDL/GEN ORDERS 045 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 45 -r 640001 960000 -f1
/TPCCFlat42/orders_3.dat.045 -f2 /TPCCFlat42/orderline_3.dat.045
```

DDL/GEN ORDERS 046 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 46 -r 1 320000 -f1
/TPCCFlat43/orders_1.dat.046 -f2 /TPCCFlat43/orderline_1.dat.046
```

DDL/GEN ORDERS 046 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 46 -r 320001 640000 -f1
/TPCCFlat44/orders_2.dat.046 -f2 /TPCCFlat44/orderline_2.dat.046
```

DDL/GEN ORDERS 046 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 46 -r 640001 960000 -f1
/TPCCFlat45/orders_3.dat.046 -f2 /TPCCFlat45/orderline_3.dat.046
```

DDL/GEN ORDERS 047 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 47 -r 1 320000 -f1
/TPCCFlat46/orders_1.dat.047 -f2 /TPCCFlat46/orderline_1.dat.047
```

DDL/GEN ORDERS 047 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 47 -r 320001 640000 -f1
/TPCCFlat47/orders_2.dat.047 -f2 /TPCCFlat47/orderline_2.dat.047
```

DDL/GEN ORDERS 047 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 47 -r 640001 960000 -f1
/TPCCFlat48/orders_3.dat.047 -f2 /TPCCFlat48/orderline_3.dat.047
```

DDL/GEN ORDERS 048 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 48 -r 1 320000 -f1
/TPCCFlat49/orders_1.dat.048 -f2 /TPCCFlat49/orderline_1.dat.048
```

DDL/GEN ORDERS 048 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 48 -r 320001 640000 -f1
/TPCCFlat50/orders_2.dat.048 -f2 /TPCCFlat50/orderline_2.dat.048
```

DDL/GEN ORDERS 048 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 48 -r 640001 960000 -f1
/TPCCFlat51/orders_3.dat.048 -f2 /TPCCFlat51/orderline_3.dat.048
```

DDL/GEN ORDERS 049 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 49 -r 1 320000 -f1
/TPCCFlat52/orders_1.dat.049 -f2 /TPCCFlat52/orderline_1.dat.049
```

DDL/GEN ORDERS 049 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 49 -r 320001 640000 -f1
/TPCCFlat53/orders_2.dat.049 -f2 /TPCCFlat53/orderline_2.dat.049
```

DDL/GEN ORDERS 049 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 49 -r 640001 960000 -f1
/TPCCFlat54/orders_3.dat.049 -f2 /TPCCFlat54/orderline_3.dat.049
```

DDL/GEN ORDERS 050 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 50 -r 1 320000 -f1
/TPCCFlat55/orders_1.dat.050 -f2 /TPCCFlat55/orderline_1.dat.050
```

DDL/GEN ORDERS 050 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 50 -r 320001 640000 -f1
/TPCCFlat56/orders_2.dat.050 -f2 /TPCCFlat56/orderline_2.dat.050

DDL/GEN ORDERS 050 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 50 -r 640001 960000 -f1
/TPCCFlat57/orders_3.dat.050 -f2 /TPCCFlat57/orderline_3.dat.050

DDL/GEN ORDERS 051 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 51 -r 1 320000 -f1
/TPCCFlat58/orders_1.dat.051 -f2 /TPCCFlat58/orderline_1.dat.051

DDL/GEN ORDERS 051 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 51 -r 320001 640000 -f1
/TPCCFlat59/orders_2.dat.051 -f2 /TPCCFlat59/orderline_2.dat.051

DDL/GEN ORDERS 051 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 51 -r 640001 960000 -f1
/TPCCFlat60/orders_3.dat.051 -f2 /TPCCFlat60/orderline_3.dat.051

DDL/GEN ORDERS 052 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 52 -r 1 320000 -f1
/TPCCFlat61/orders_1.dat.052 -f2 /TPCCFlat61/orderline_1.dat.052

DDL/GEN ORDERS 052 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 52 -r 320001 640000 -f1
/TPCCFlat62/orders_2.dat.052 -f2 /TPCCFlat62/orderline_2.dat.052

DDL/GEN ORDERS 052 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 52 -r 640001 960000 -f1
/TPCCFlat63/orders_3.dat.052 -f2 /TPCCFlat63/orderline_3.dat.052

DDL/GEN ORDERS 053 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 53 -r 1 320000 -f1
/TPCCFlat64/orders_1.dat.053 -f2 /TPCCFlat64/orderline_1.dat.053

DDL/GEN ORDERS 053 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 53 -r 320001 640000 -f1
/TPCCFlat65/orders_2.dat.053 -f2 /TPCCFlat65/orderline_2.dat.053

DDL/GEN ORDERS 053 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 53 -r 640001 960000 -f1
/TPCCFlat66/orders_3.dat.053 -f2 /TPCCFlat66/orderline_3.dat.053

DDL/GEN ORDERS 054 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 54 -r 1 320000 -f1
/TPCCFlat67/orders_1.dat.054 -f2 /TPCCFlat67/orderline_1.dat.054

DDL/GEN ORDERS 054 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 54 -r 320001 640000 -f1
/TPCCFlat68/orders_2.dat.054 -f2 /TPCCFlat68/orderline_2.dat.054

DDL/GEN ORDERS 054 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 54 -r 640001 960000 -f1
/TPCCFlat69/orders_3.dat.054 -f2 /TPCCFlat69/orderline_3.dat.054

DDL/GEN ORDERS 055 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 55 -r 1 320000 -f1
/TPCCFlat70/orders_1.dat.055 -f2 /TPCCFlat70/orderline_1.dat.055

DDL/GEN ORDERS 055 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 55 -r 320001 640000 -f1
/TPCCFlat71/orders_2.dat.055 -f2 /TPCCFlat71/orderline_2.dat.055

DDL/GEN ORDERS 055 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 55 -r 640001 960000 -f1
/TPCCFlat72/orders_3.dat.055 -f2 /TPCCFlat72/orderline_3.dat.055

DDL/GEN ORDERS 056 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 56 -r 1 320000 -f1
/TPCCFlat73/orders_1.dat.056 -f2 /TPCCFlat73/orderline_1.dat.056

DDL/GEN ORDERS 056 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 56 -r 320001 640000 -f1
/TPCCFlat74/orders_2.dat.056 -f2 /TPCCFlat74/orderline_2.dat.056

DDL/GEN ORDERS 056 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 56 -r 640001 960000 -f1
/TPCCFlat75/orders_3.dat.056 -f2 /TPCCFlat75/orderline_3.dat.056

DDL/GEN ORDERS 057 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 57 -r 1 320000 -f1
/TPCCFlat76/orders_1.dat.057 -f2 /TPCCFlat76/orderline_1.dat.057

DDL/GEN ORDERS 057 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 57 -r 320001 640000 -f1
/TPCCFlat77/orders_2.dat.057 -f2 /TPCCFlat77/orderline_2.dat.057

DDL/GEN ORDERS 057 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 57 -r 640001 960000 -f1
/TPCCFlat78/orders_3.dat.057 -f2 /TPCCFlat78/orderline_3.dat.057

DDL/GEN ORDERS 058 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 58 -r 1 320000 -f1
/TPCCFlat79/orders_1.dat.058 -f2 /TPCCFlat79/orderline_1.dat.058

DDL/GEN ORDERS 058 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 58 -r 320001 640000 -f1
/TPCCFlat80/orders_2.dat.058 -f2 /TPCCFlat80/orderline_2.dat.058

DDL/GEN ORDERS 058 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 58 -r 640001 960000 -f1
/TPCCFlat81/orders_3.dat.058 -f2 /TPCCFlat81/orderline_3.dat.058

DDL/GEN ORDERS 059 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 59 -r 1 320000 -f1
/TPCCFlat82/orders_1.dat.059 -f2 /TPCCFlat82/orderline_1.dat.059

DDL/GEN ORDERS 059 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 59 -r 320001 640000 -f1
/TPCCFlat83/orders_2.dat.059 -f2 /TPCCFlat83/orderline_2.dat.059

DDL/GEN ORDERS 059 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 59 -r 640001 960000 -f1
/TPCCFlat84/orders_3.dat.059 -f2 /TPCCFlat84/orderline_3.dat.059

DDL/GEN ORDERS 060 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 60 -r 1 320000 -f1
/TPCCFlat85/orders_1.dat.060 -f2 /TPCCFlat85/orderline_1.dat.060

DDL/GEN ORDERS 060 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 60 -r 320001 640000 -f1
/TPCCFlat86/orders_2.dat.060 -f2 /TPCCFlat86/orderline_2.dat.060

DDL/GEN ORDERS 060 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 60 -r 640001 960000 -f1
/TPCCFlat87/orders_3.dat.060 -f2 /TPCCFlat87/orderline_3.dat.060
```

DDL/GEN ORDERS 061 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 61 -r 1 320000 -f1
/TPCCFlat88/orders_1.dat.061 -f2 /TPCCFlat88/orderline_1.dat.061
```

DDL/GEN ORDERS 061 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 61 -r 320001 640000 -f1
/TPCCFlat89/orders_2.dat.061 -f2 /TPCCFlat89/orderline_2.dat.061
```

DDL/GEN ORDERS 061 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 61 -r 640001 960000 -f1
/TPCCFlat90/orders_3.dat.061 -f2 /TPCCFlat90/orderline_3.dat.061
```

DDL/GEN ORDERS 062 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 62 -r 1 320000 -f1
/TPCCFlat91/orders_1.dat.062 -f2 /TPCCFlat91/orderline_1.dat.062
```

DDL/GEN ORDERS 062 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 62 -r 320001 640000 -f1
/TPCCFlat92/orders_2.dat.062 -f2 /TPCCFlat92/orderline_2.dat.062
```

DDL/GEN ORDERS 062 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 62 -r 640001 960000 -f1
/TPCCFlat93/orders_3.dat.062 -f2 /TPCCFlat93/orderline_3.dat.062
```

DDL/GEN ORDERS 063 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 63 -r 1 320000 -f1
/TPCCFlat94/orders_1.dat.063 -f2 /TPCCFlat94/orderline_1.dat.063
```

DDL/GEN ORDERS 063 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 63 -r 320001 640000 -f1
/TPCCFlat95/orders_2.dat.063 -f2 /TPCCFlat95/orderline_2.dat.063
```

DDL/GEN ORDERS 063 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 63 -r 640001 960000 -f1
/TPCCFlat96/orders_3.dat.063 -f2 /TPCCFlat96/orderline_3.dat.063
```

DDL/GEN ORDERS 064 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 64 -r 1 320000 -f1
/TPCCFlat1/orders_1.dat.064 -f2 /TPCCFlat1/orderline_1.dat.064
```

DDL/GEN ORDERS 064 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 64 -r 320001 640000 -f1
/TPCCFlat2/orders_2.dat.064 -f2 /TPCCFlat2/orderline_2.dat.064
```

DDL/GEN ORDERS 064 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 64 -r 640001 960000 -f1
/TPCCFlat3/orders_3.dat.064 -f2 /TPCCFlat3/orderline_3.dat.064
```

DDL/GEN ORDERS 065 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 65 -r 1 320000 -f1
/TPCCFlat4/orders_1.dat.065 -f2 /TPCCFlat4/orderline_1.dat.065
```

DDL/GEN ORDERS 065 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 65 -r 320001 640000 -f1
/TPCCFlat5/orders_2.dat.065 -f2 /TPCCFlat5/orderline_2.dat.065
```

DDL/GEN ORDERS 065 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 65 -r 640001 960000 -f1
/TPCCFlat6/orders_3.dat.065 -f2 /TPCCFlat6/orderline_3.dat.065
```

DDL/GEN ORDERS 066 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 66 -r 1 320000 -f1
/TPCCFlat7/orders_1.dat.066 -f2 /TPCCFlat7/orderline_1.dat.066
```

DDL/GEN ORDERS 066 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 66 -r 320001 640000 -f1
/TPCCFlat8/orders_2.dat.066 -f2 /TPCCFlat8/orderline_2.dat.066
```

DDL/GEN ORDERS 066 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 66 -r 640001 960000 -f1
/TPCCFlat9/orders_3.dat.066 -f2 /TPCCFlat9/orderline_3.dat.066
```

DDL/GEN ORDERS 067 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 67 -r 1 320000 -f1
/TPCCFlat10/orders_1.dat.067 -f2 /TPCCFlat10/orderline_1.dat.067
```

DDL/GEN ORDERS 067 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 67 -r 320001 640000 -f1
/TPCCFlat11/orders_2.dat.067 -f2 /TPCCFlat11/orderline_2.dat.067
```

DDL/GEN ORDERS 067 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 67 -r 640001 960000 -f1
/TPCCFlat12/orders_3.dat.067 -f2 /TPCCFlat12/orderline_3.dat.067
```

DDL/GEN ORDERS 068 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 68 -r 1 320000 -f1
/TPCCFlat13/orders_1.dat.068 -f2 /TPCCFlat13/orderline_1.dat.068
```

DDL/GEN ORDERS 068 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 68 -r 320001 640000 -f1
/TPCCFlat14/orders_2.dat.068 -f2 /TPCCFlat14/orderline_2.dat.068
```

DDL/GEN ORDERS 068 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 68 -r 640001 960000 -f1
/TPCCFlat15/orders_3.dat.068 -f2 /TPCCFlat15/orderline_3.dat.068
```

DDL/GEN ORDERS 069 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 69 -r 1 320000 -f1
/TPCCFlat16/orders_1.dat.069 -f2 /TPCCFlat16/orderline_1.dat.069
```

DDL/GEN ORDERS 069 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 69 -r 320001 640000 -f1
/TPCCFlat17/orders_2.dat.069 -f2 /TPCCFlat17/orderline_2.dat.069
```

DDL/GEN ORDERS 069 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 69 -r 640001 960000 -f1
/TPCCFlat18/orders_3.dat.069 -f2 /TPCCFlat18/orderline_3.dat.069
```

DDL/GEN ORDERS 070 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 70 -r 1 320000 -f1
/TPCCFlat19/orders_1.dat.070 -f2 /TPCCFlat19/orderline_1.dat.070
```

DDL/GEN ORDERS 070 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 70 -r 320001 640000 -f1
/TPCCFlat20/orders_2.dat.070 -f2 /TPCCFlat20/orderline_2.dat.070
```

DDL/GEN ORDERS 070 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 70 -r 640001 960000 -f1
/TPCCFlat21/orders_3.dat.070 -f2 /TPCCFlat21/orderline_3.dat.070
```

DDL/GEN ORDERS 071 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 71 -r 1 320000 -f1
/TPCCFlat22/orders_1.dat.071 -f2 /TPCCFlat22/orderline_1.dat.071
```

DDL/GEN ORDERS 071 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 71 -r 320001 640000 -f1
/TPCCFlat23/orders_2.dat.071 -f2 /TPCCFlat23/orderline_2.dat.071

DDL/GEN ORDERS 071 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 71 -r 640001 960000 -f1
/TPCCFlat24/orders_3.dat.071 -f2 /TPCCFlat24/orderline_3.dat.071

DDL/GEN ORDERS 072 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 72 -r 1 320000 -f1
/TPCCFlat25/orders_1.dat.072 -f2 /TPCCFlat25/orderline_1.dat.072

DDL/GEN ORDERS 072 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 72 -r 320001 640000 -f1
/TPCCFlat26/orders_2.dat.072 -f2 /TPCCFlat26/orderline_2.dat.072

DDL/GEN ORDERS 072 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 72 -r 640001 960000 -f1
/TPCCFlat27/orders_3.dat.072 -f2 /TPCCFlat27/orderline_3.dat.072

DDL/GEN ORDERS 073 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 73 -r 1 320000 -f1
/TPCCFlat28/orders_1.dat.073 -f2 /TPCCFlat28/orderline_1.dat.073

DDL/GEN ORDERS 073 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 73 -r 320001 640000 -f1
/TPCCFlat29/orders_2.dat.073 -f2 /TPCCFlat29/orderline_2.dat.073

DDL/GEN ORDERS 073 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 73 -r 640001 960000 -f1
/TPCCFlat30/orders_3.dat.073 -f2 /TPCCFlat30/orderline_3.dat.073

DDL/GEN ORDERS 074 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 74 -r 1 320000 -f1
/TPCCFlat31/orders_1.dat.074 -f2 /TPCCFlat31/orderline_1.dat.074

DDL/GEN ORDERS 074 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 74 -r 320001 640000 -f1
/TPCCFlat32/orders_2.dat.074 -f2 /TPCCFlat32/orderline_2.dat.074

DDL/GEN ORDERS 074 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 74 -r 640001 960000 -f1
/TPCCFlat33/orders_3.dat.074 -f2 /TPCCFlat33/orderline_3.dat.074

DDL/GEN ORDERS 075 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 75 -r 1 320000 -f1
/TPCCFlat34/orders_1.dat.075 -f2 /TPCCFlat34/orderline_1.dat.075

DDL/GEN ORDERS 075 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 75 -r 320001 640000 -f1
/TPCCFlat35/orders_2.dat.075 -f2 /TPCCFlat35/orderline_2.dat.075

DDL/GEN ORDERS 075 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 75 -r 640001 960000 -f1
/TPCCFlat36/orders_3.dat.075 -f2 /TPCCFlat36/orderline_3.dat.075

DDL/GEN ORDERS 076 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 76 -r 1 320000 -f1
/TPCCFlat37/orders_1.dat.076 -f2 /TPCCFlat37/orderline_1.dat.076

DDL/GEN ORDERS 076 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 76 -r 320001 640000 -f1
/TPCCFlat38/orders_2.dat.076 -f2 /TPCCFlat38/orderline_2.dat.076

DDL/GEN ORDERS 076 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 76 -r 640001 960000 -f1
/TPCCFlat39/orders_3.dat.076 -f2 /TPCCFlat39/orderline_3.dat.076

DDL/GEN ORDERS 077 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 77 -r 1 320000 -f1
/TPCCFlat40/orders_1.dat.077 -f2 /TPCCFlat40/orderline_1.dat.077

DDL/GEN ORDERS 077 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 77 -r 320001 640000 -f1
/TPCCFlat41/orders_2.dat.077 -f2 /TPCCFlat41/orderline_2.dat.077

DDL/GEN ORDERS 077 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 77 -r 640001 960000 -f1
/TPCCFlat42/orders_3.dat.077 -f2 /TPCCFlat42/orderline_3.dat.077

DDL/GEN ORDERS 078 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 78 -r 1 320000 -f1
/TPCCFlat43/orders_1.dat.078 -f2 /TPCCFlat43/orderline_1.dat.078

DDL/GEN ORDERS 078 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 78 -r 320001 640000 -f1
/TPCCFlat44/orders_2.dat.078 -f2 /TPCCFlat44/orderline_2.dat.078

DDL/GEN ORDERS 078 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 78 -r 640001 960000 -f1
/TPCCFlat45/orders_3.dat.078 -f2 /TPCCFlat45/orderline_3.dat.078

DDL/GEN ORDERS 079 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 79 -r 1 320000 -f1
/TPCCFlat46/orders_1.dat.079 -f2 /TPCCFlat46/orderline_1.dat.079

DDL/GEN ORDERS 079 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 79 -r 320001 640000 -f1
/TPCCFlat47/orders_2.dat.079 -f2 /TPCCFlat47/orderline_2.dat.079

DDL/GEN ORDERS 079 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 79 -r 640001 960000 -f1
/TPCCFlat48/orders_3.dat.079 -f2 /TPCCFlat48/orderline_3.dat.079

DDL/GEN ORDERS 080 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 80 -r 1 320000 -f1
/TPCCFlat49/orders_1.dat.080 -f2 /TPCCFlat49/orderline_1.dat.080

DDL/GEN ORDERS 080 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 80 -r 320001 640000 -f1
/TPCCFlat50/orders_2.dat.080 -f2 /TPCCFlat50/orderline_2.dat.080

DDL/GEN ORDERS 080 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 80 -r 640001 960000 -f1
/TPCCFlat51/orders_3.dat.080 -f2 /TPCCFlat51/orderline_3.dat.080

DDL/GEN ORDERS 081 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 81 -r 1 320000 -f1
/TPCCFlat52/orders_1.dat.081 -f2 /TPCCFlat52/orderline_1.dat.081

DDL/GEN ORDERS 081 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 81 -r 320001 640000 -f1
/TPCCFlat53/orders_2.dat.081 -f2 /TPCCFlat53/orderline_2.dat.081

DDL/GEN ORDERS 081 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 81 -r 640001 960000 -f1
/TPCCFlat54/orders_3.dat.081 -f2 /TPCCFlat54/orderline_3.dat.081
```

DDL/GEN ORDERS 082 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 82 -r 1 320000 -f1
/TPCCFlat55/orders_1.dat.082 -f2 /TPCCFlat55/orderline_1.dat.082
```

DDL/GEN ORDERS 082 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 82 -r 320001 640000 -f1
/TPCCFlat56/orders_2.dat.082 -f2 /TPCCFlat56/orderline_2.dat.082
```

DDL/GEN ORDERS 082 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 82 -r 640001 960000 -f1
/TPCCFlat57/orders_3.dat.082 -f2 /TPCCFlat57/orderline_3.dat.082
```

DDL/GEN ORDERS 083 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 83 -r 1 320000 -f1
/TPCCFlat58/orders_1.dat.083 -f2 /TPCCFlat58/orderline_1.dat.083
```

DDL/GEN ORDERS 083 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 83 -r 320001 640000 -f1
/TPCCFlat59/orders_2.dat.083 -f2 /TPCCFlat59/orderline_2.dat.083
```

DDL/GEN ORDERS 083 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 83 -r 640001 960000 -f1
/TPCCFlat60/orders_3.dat.083 -f2 /TPCCFlat60/orderline_3.dat.083
```

DDL/GEN ORDERS 084 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 84 -r 1 320000 -f1
/TPCCFlat61/orders_1.dat.084 -f2 /TPCCFlat61/orderline_1.dat.084
```

DDL/GEN ORDERS 084 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 84 -r 320001 640000 -f1
/TPCCFlat62/orders_2.dat.084 -f2 /TPCCFlat62/orderline_2.dat.084
```

DDL/GEN ORDERS 084 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 84 -r 640001 960000 -f1
/TPCCFlat63/orders_3.dat.084 -f2 /TPCCFlat63/orderline_3.dat.084
```

DDL/GEN ORDERS 085 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 85 -r 1 320000 -f1
/TPCCFlat64/orders_1.dat.085 -f2 /TPCCFlat64/orderline_1.dat.085
```

DDL/GEN ORDERS 085 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 85 -r 320001 640000 -f1
/TPCCFlat65/orders_2.dat.085 -f2 /TPCCFlat65/orderline_2.dat.085
```

DDL/GEN ORDERS 085 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 85 -r 640001 960000 -f1
/TPCCFlat66/orders_3.dat.085 -f2 /TPCCFlat66/orderline_3.dat.085
```

DDL/GEN ORDERS 086 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 86 -r 1 320000 -f1
/TPCCFlat67/orders_1.dat.086 -f2 /TPCCFlat67/orderline_1.dat.086
```

DDL/GEN ORDERS 086 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 86 -r 320001 640000 -f1
/TPCCFlat68/orders_2.dat.086 -f2 /TPCCFlat68/orderline_2.dat.086
```

DDL/GEN ORDERS 086 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 86 -r 640001 960000 -f1
/TPCCFlat69/orders_3.dat.086 -f2 /TPCCFlat69/orderline_3.dat.086
```

DDL/GEN ORDERS 087 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 87 -r 1 320000 -f1
/TPCCFlat70/orders_1.dat.087 -f2 /TPCCFlat70/orderline_1.dat.087
```

DDL/GEN ORDERS 087 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 87 -r 320001 640000 -f1
/TPCCFlat71/orders_2.dat.087 -f2 /TPCCFlat71/orderline_2.dat.087
```

DDL/GEN ORDERS 087 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 87 -r 640001 960000 -f1
/TPCCFlat72/orders_3.dat.087 -f2 /TPCCFlat72/orderline_3.dat.087
```

DDL/GEN ORDERS 088 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 88 -r 1 320000 -f1
/TPCCFlat73/orders_1.dat.088 -f2 /TPCCFlat73/orderline_1.dat.088
```

DDL/GEN ORDERS 088 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 88 -r 320001 640000 -f1
/TPCCFlat74/orders_2.dat.088 -f2 /TPCCFlat74/orderline_2.dat.088
```

DDL/GEN ORDERS 088 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 88 -r 640001 960000 -f1
/TPCCFlat75/orders_3.dat.088 -f2 /TPCCFlat75/orderline_3.dat.088
```

DDL/GEN ORDERS 089 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 89 -r 1 320000 -f1
/TPCCFlat76/orders_1.dat.089 -f2 /TPCCFlat76/orderline_1.dat.089
```

DDL/GEN ORDERS 089 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 89 -r 320001 640000 -f1
/TPCCFlat77/orders_2.dat.089 -f2 /TPCCFlat77/orderline_2.dat.089
```

DDL/GEN ORDERS 089 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 89 -r 640001 960000 -f1
/TPCCFlat78/orders_3.dat.089 -f2 /TPCCFlat78/orderline_3.dat.089
```

DDL/GEN ORDERS 090 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 90 -r 1 320000 -f1
/TPCCFlat79/orders_1.dat.090 -f2 /TPCCFlat79/orderline_1.dat.090
```

DDL/GEN ORDERS 090 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 90 -r 320001 640000 -f1
/TPCCFlat80/orders_2.dat.090 -f2 /TPCCFlat80/orderline_2.dat.090
```

DDL/GEN ORDERS 090 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 90 -r 640001 960000 -f1
/TPCCFlat81/orders_3.dat.090 -f2 /TPCCFlat81/orderline_3.dat.090
```

DDL/GEN ORDERS 091 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 91 -r 1 320000 -f1
/TPCCFlat82/orders_1.dat.091 -f2 /TPCCFlat82/orderline_1.dat.091
```

DDL/GEN ORDERS 091 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 91 -r 320001 640000 -f1
/TPCCFlat83/orders_2.dat.091 -f2 /TPCCFlat83/orderline_2.dat.091
```

DDL/GEN ORDERS 091 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 91 -r 640001 960000 -f1
/TPCCFlat84/orders_3.dat.091 -f2 /TPCCFlat84/orderline_3.dat.091
```

DDL/GEN ORDERS 092 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 92 -r 1 320000 -f1
/TPCCFlat85/orders_1.dat.092 -f2 /TPCCFlat85/orderline_1.dat.092
```

DDL/GEN ORDERS 092 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 92 -r 320001 640000 -f1
/TPCCFlat86/orders_2.dat.092 -f2 /TPCCFlat86/orderline_2.dat.092

DDL/GEN ORDERS 092 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 92 -r 640001 960000 -f1
/TPCCFlat87/orders_3.dat.092 -f2 /TPCCFlat87/orderline_3.dat.092

DDL/GEN ORDERS 093 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 93 -r 1 320000 -f1
/TPCCFlat88/orders_1.dat.093 -f2 /TPCCFlat88/orderline_1.dat.093

DDL/GEN ORDERS 093 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 93 -r 320001 640000 -f1
/TPCCFlat89/orders_2.dat.093 -f2 /TPCCFlat89/orderline_2.dat.093

DDL/GEN ORDERS 093 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 93 -r 640001 960000 -f1
/TPCCFlat90/orders_3.dat.093 -f2 /TPCCFlat90/orderline_3.dat.093

DDL/GEN ORDERS 094 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 94 -r 1 320000 -f1
/TPCCFlat91/orders_1.dat.094 -f2 /TPCCFlat91/orderline_1.dat.094

DDL/GEN ORDERS 094 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 94 -r 320001 640000 -f1
/TPCCFlat92/orders_2.dat.094 -f2 /TPCCFlat92/orderline_2.dat.094

DDL/GEN ORDERS 094 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 94 -r 640001 960000 -f1
/TPCCFlat93/orders_3.dat.094 -f2 /TPCCFlat93/orderline_3.dat.094

DDL/GEN ORDERS 095 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 95 -r 1 320000 -f1
/TPCCFlat94/orders_1.dat.095 -f2 /TPCCFlat94/orderline_1.dat.095

DDL/GEN ORDERS 095 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 95 -r 320001 640000 -f1
/TPCCFlat95/orders_2.dat.095 -f2 /TPCCFlat95/orderline_2.dat.095

DDL/GEN ORDERS 095 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 9 -n 95 -r 640001 960000 -f1
/TPCCFlat96/orders_3.dat.095 -f2 /TPCCFlat96/orderline_3.dat.095

DDL/GEN STOCK 000 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 0 -r 1 320000 -f1
/TPCCFlat1/stock_1.dat.000

DDL/GEN STOCK 000 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 0 -r 320001 640000 -f1
/TPCCFlat2/stock_2.dat.000

DDL/GEN STOCK 000 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 0 -r 640001 960000 -f1
/TPCCFlat3/stock_3.dat.000

DDL/GEN STOCK 001 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 1 -r 1 320000 -f1
/TPCCFlat4/stock_1.dat.001

DDL/GEN STOCK 001 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 1 -r 320001 640000 -f1
/TPCCFlat5/stock_2.dat.001

DDL/GEN STOCK 001 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 1 -r 640001 960000 -f1
/TPCCFlat6/stock_3.dat.001

DDL/GEN STOCK 002 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 2 -r 1 320000 -f1
/TPCCFlat7/stock_1.dat.002

DDL/GEN STOCK 002 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 2 -r 320001 640000 -f1
/TPCCFlat8/stock_2.dat.002

DDL/GEN STOCK 002 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 2 -r 640001 960000 -f1
/TPCCFlat9/stock_3.dat.002

DDL/GEN STOCK 003 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 3 -r 1 320000 -f1
/TPCCFlat10/stock_1.dat.003

DDL/GEN STOCK 003 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 3 -r 320001 640000 -f1
/TPCCFlat11/stock_2.dat.003

DDL/GEN STOCK 003 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 3 -r 640001 960000 -f1
/TPCCFlat12/stock_3.dat.003

DDL/GEN STOCK 004 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 4 -r 1 320000 -f1
/TPCCFlat13/stock_1.dat.004

DDL/GEN STOCK 004 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 4 -r 320001 640000 -f1
/TPCCFlat14/stock_2.dat.004

DDL/GEN STOCK 004 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 4 -r 640001 960000 -f1
/TPCCFlat15/stock_3.dat.004

DDL/GEN STOCK 005 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 5 -r 1 320000 -f1
/TPCCFlat16/stock_1.dat.005

DDL/GEN STOCK 005 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 5 -r 320001 640000 -f1
/TPCCFlat17/stock_2.dat.005

DDL/GEN STOCK 005 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 5 -r 640001 960000 -f1
/TPCCFlat18/stock_3.dat.005

DDL/GEN STOCK 006 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 6 -r 1 320000 -f1
/TPCCFlat19/stock_1.dat.006

DDL/GEN STOCK 006 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 6 -r 320001 640000 -f1
/TPCCFlat20/stock_2.dat.006

DDL/GEN STOCK 006 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 6 -r 640001 960000 -f1
/TPCCFlat21/stock_3.dat.006

DDL/GEN STOCK 007 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 7 -r 1 320000 -f1
/TPCCFlat22/stock_1.dat.007

DDL/GEN STOCK 007 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 7 -r 320001 640000 -f1
/TPCCFlat23/stock_2.dat.007

DDL/GEN STOCK 007 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 7 -r 640001 960000 -f1
/TPCCFlat24/stock_3.dat.007

DDL/GEN STOCK 008 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 8 -r 1 320000 -f1
/TPCCFlat25/stock_1.dat.008

DDL/GEN STOCK 008 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 8 -r 320001 640000 -f1
/TPCCFlat26/stock_2.dat.008

DDL/GEN STOCK 008 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 8 -r 640001 960000 -f1
/TPCCFlat27/stock_3.dat.008

DDL/GEN STOCK 009 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 9 -r 1 320000 -f1
/TPCCFlat28/stock_1.dat.009

DDL/GEN STOCK 009 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 9 -r 320001 640000 -f1
/TPCCFlat29/stock_2.dat.009

DDL/GEN STOCK 009 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 9 -r 640001 960000 -f1
/TPCCFlat30/stock_3.dat.009

DDL/GEN STOCK 010 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 10 -r 1 320000 -f1
/TPCCFlat31/stock_1.dat.010

DDL/GEN STOCK 010 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 10 -r 320001 640000 -f1
/TPCCFlat32/stock_2.dat.010

DDL/GEN STOCK 010 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 10 -r 640001 960000 -f1
/TPCCFlat33/stock_3.dat.010

DDL/GEN STOCK 011 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 11 -r 1 320000 -f1
/TPCCFlat34/stock_1.dat.011

DDL/GEN STOCK 011 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 11 -r 320001 640000 -f1
/TPCCFlat35/stock_2.dat.011

DDL/GEN STOCK 011 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 11 -r 640001 960000 -f1
/TPCCFlat36/stock_3.dat.011

DDL/GEN STOCK 012 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 12 -r 1 320000 -f1
/TPCCFlat37/stock_1.dat.012

DDL/GEN STOCK 012 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 12 -r 320001 640000 -f1
/TPCCFlat38/stock_2.dat.012

DDL/GEN STOCK 012 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 12 -r 640001 960000 -f1
/TPCCFlat39/stock_3.dat.012

DDL/GEN STOCK 013 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 13 -r 1 320000 -f1
/TPCCFlat40/stock_1.dat.013

DDL/GEN STOCK 013 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 13 -r 320001 640000 -f1
/TPCCFlat41/stock_2.dat.013

DDL/GEN STOCK 013 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 13 -r 640001 960000 -f1
/TPCCFlat42/stock_3.dat.013

DDL/GEN STOCK 014 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 14 -r 1 320000 -f1
/TPCCFlat43/stock_1.dat.014

DDL/GEN STOCK 014 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 14 -r 320001 640000 -f1
/TPCCFlat44/stock_2.dat.014

DDL/GEN STOCK 014 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 14 -r 640001 960000 -f1
/TPCCFlat45/stock_3.dat.014

DDL/GEN STOCK 015 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 15 -r 1 320000 -f1
/TPCCFlat46/stock_1.dat.015

DDL/GEN STOCK 015 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 15 -r 320001 640000 -f1
/TPCCFlat47/stock_2.dat.015

DDL/GEN STOCK 015 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 15 -r 640001 960000 -f1
/TPCCFlat48/stock_3.dat.015

DDL/GEN STOCK 016 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 16 -r 1 320000 -f1
/TPCCFlat49/stock_1.dat.016

DDL/GEN STOCK 016 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 16 -r 320001 640000 -f1
/TPCCFlat50/stock_2.dat.016

DDL/GEN STOCK 016 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 16 -r 640001 960000 -f1
/TPCCFlat51/stock_3.dat.016

DDL/GEN STOCK 017 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 17 -r 1 320000 -f1
/TPCCFlat52/stock_1.dat.017

DDL/GEN STOCK 017 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 17 -r 320001 640000 -f1
/TPCCFlat53/stock_2.dat.017

DDL/GEN STOCK 017 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 17 -r 640001 960000 -f1
/TPCCFlat54/stock_3.dat.017

DDL/GEN STOCK 018 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 18 -r 1 320000 -f1
/TPCCFlat55/stock_1.dat.018

DDL/GEN STOCK 018 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 18 -r 320001 640000 -f1
/TPCCFlat56/stock_2.dat.018

DDL/GEN STOCK 018 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 18 -r 640001 960000 -f1
/TPCCFlat57/stock_3.dat.018

DDL/GEN STOCK 019 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 19 -r 1 320000 -f1
/TPCCFlat58/stock_1.dat.019

DDL/GEN STOCK 019 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 19 -r 320001 640000 -f1
/TPCCFlat59/stock_2.dat.019

DDL/GEN STOCK 019 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 19 -r 640001 960000 -f1
/TPCCFlat60/stock_3.dat.019

DDL/GEN STOCK 020 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 20 -r 1 320000 -f1
/TPCCFlat61/stock_1.dat.020

DDL/GEN STOCK 020 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 20 -r 320001 640000 -f1
/TPCCFlat62/stock_2.dat.020

DDL/GEN STOCK 020 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 20 -r 640001 960000 -f1
/TPCCFlat63/stock_3.dat.020

DDL/GEN STOCK 021 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 21 -r 1 320000 -f1
/TPCCFlat64/stock_1.dat.021

DDL/GEN STOCK 021 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 21 -r 320001 640000 -f1
/TPCCFlat65/stock_2.dat.021

DDL/GEN STOCK 021 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 21 -r 640001 960000 -f1
/TPCCFlat66/stock_3.dat.021

DDL/GEN STOCK 022 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 22 -r 1 320000 -f1
/TPCCFlat67/stock_1.dat.022

DDL/GEN STOCK 022 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 22 -r 320001 640000 -f1
/TPCCFlat68/stock_2.dat.022

DDL/GEN STOCK 022 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 22 -r 640001 960000 -f1
/TPCCFlat69/stock_3.dat.022

DDL/GEN STOCK 023 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 23 -r 1 320000 -f1
/TPCCFlat70/stock_1.dat.023

DDL/GEN STOCK 023 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 23 -r 320001 640000 -f1
/TPCCFlat71/stock_2.dat.023

DDL/GEN STOCK 023 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 23 -r 640001 960000 -f1
/TPCCFlat72/stock_3.dat.023

DDL/GEN STOCK 024 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 24 -r 1 320000 -f1
/TPCCFlat73/stock_1.dat.024

DDL/GEN STOCK 024 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 24 -r 320001 640000 -f1
/TPCCFlat74/stock_2.dat.024

DDL/GEN STOCK 024 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 24 -r 640001 960000 -f1
/TPCCFlat75/stock_3.dat.024

DDL/GEN STOCK 025 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 25 -r 1 320000 -f1
/TPCCFlat76/stock_1.dat.025

DDL/GEN STOCK 025 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 25 -r 320001 640000 -f1
/TPCCFlat77/stock_2.dat.025

DDL/GEN STOCK 025 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 25 -r 640001 960000 -f1
/TPCCFlat78/stock_3.dat.025

DDL/GEN STOCK 026 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 26 -r 1 320000 -f1
/TPCCFlat79/stock_1.dat.026

DDL/GEN STOCK 026 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 26 -r 320001 640000 -f1
/TPCCFlat80/stock_2.dat.026

DDL/GEN STOCK 026 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 26 -r 640001 960000 -f1
/TPCCFlat81/stock_3.dat.026

DDL/GEN STOCK 027 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 27 -r 1 320000 -f1
/TPCCFlat82/stock_1.dat.027

DDL/GEN STOCK 027 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 27 -r 320001 640000 -f1
/TPCCFlat83/stock_2.dat.027

DDL/GEN STOCK 027 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 27 -r 640001 960000 -f1
/TPCCFlat84/stock_3.dat.027

DDL/GEN STOCK 028 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 28 -r 1 320000 -f1
/TPCCFlat85/stock_1.dat.028

DDL/GEN STOCK 028 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 28 -r 320001 640000 -f1
/TPCCFlat86/stock_2.dat.028

DDL/GEN STOCK 028 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 28 -r 640001 960000 -f1
/TPCCFlat87/stock_3.dat.028

DDL/GEN STOCK 029 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 29 -r 1 320000 -f1
/TPCCFlat88/stock_1.dat.029

DDL/GEN STOCK 029 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 29 -r 320001 640000 -f1
/TPCCFlat89/stock_2.dat.029

DDL/GEN STOCK 029 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 29 -r 640001 960000 -f1
/TPCCFlat90/stock_3.dat.029

DDL/GEN STOCK 030 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 30 -r 1 320000 -f1
/TPCCFlat91/stock_1.dat.030

DDL/GEN STOCK 030 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 30 -r 320001 640000 -f1
/TPCCFlat92/stock_2.dat.030

DDL/GEN STOCK 030 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 30 -r 640001 960000 -f1
/TPCCFlat93/stock_3.dat.030

DDL/GEN STOCK 031 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 31 -r 1 320000 -f1
/TPCCFlat94/stock_1.dat.031

DDL/GEN STOCK 031 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 31 -r 320001 640000 -f1
/TPCCFlat95/stock_2.dat.031

DDL/GEN STOCK 031 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 31 -r 640001 960000 -f1
/TPCCFlat96/stock_3.dat.031

DDL/GEN STOCK 032 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 32 -r 1 320000 -f1
/TPCCFlat1/stock_1.dat.032

DDL/GEN STOCK 032 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 32 -r 320001 640000 -f1
/TPCCFlat2/stock_2.dat.032

DDL/GEN STOCK 032 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 32 -r 640001 960000 -f1
/TPCCFlat3/stock_3.dat.032

DDL/GEN STOCK 033 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 33 -r 1 320000 -f1
/TPCCFlat4/stock_1.dat.033

DDL/GEN STOCK 033 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 33 -r 320001 640000 -f1
/TPCCFlat5/stock_2.dat.033

DDL/GEN STOCK 033 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 33 -r 640001 960000 -f1
/TPCCFlat6/stock_3.dat.033

DDL/GEN STOCK 034 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 34 -r 1 320000 -f1
/TPCCFlat7/stock_1.dat.034

DDL/GEN STOCK 034 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 34 -r 320001 640000 -f1
/TPCCFlat8/stock_2.dat.034

DDL/GEN STOCK 034 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 34 -r 640001 960000 -f1
/TPCCFlat9/stock_3.dat.034

DDL/GEN STOCK 035 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 35 -r 1 320000 -f1
/TPCCFlat10/stock_1.dat.035

DDL/GEN STOCK 035 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 35 -r 320001 640000 -f1
/TPCCFlat11/stock_2.dat.035

DDL/GEN STOCK 035 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 35 -r 640001 960000 -f1
/TPCCFlat12/stock_3.dat.035

DDL/GEN STOCK 036 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 36 -r 1 320000 -f1
/TPCCFlat13/stock_1.dat.036

DDL/GEN STOCK 036 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 36 -r 320001 640000 -f1
/TPCCFlat14/stock_2.dat.036

DDL/GEN STOCK 036 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 36 -r 640001 960000 -f1
/TPCCFlat15/stock_3.dat.036

DDL/GEN STOCK 037 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 37 -r 1 320000 -f1
/TPCCFlat16/stock_1.dat.037

DDL/GEN STOCK 037 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 37 -r 320001 640000 -f1
/TPCCFlat17/stock_2.dat.037

DDL/GEN STOCK 037 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 37 -r 640001 960000 -f1
/TPCCFlat18/stock_3.dat.037

DDL/GEN STOCK 038 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 38 -r 1 320000 -f1
/TPCCFlat19/stock_1.dat.038

DDL/GEN STOCK 038 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 38 -r 320001 640000 -f1 /TPCCFlat20/stock_2.dat.038

DDL/GEN STOCK 038 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 38 -r 640001 960000 -f1 /TPCCFlat21/stock_3.dat.038

DDL/GEN STOCK 039 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 39 -r 1 320000 -f1 /TPCCFlat22/stock_1.dat.039

DDL/GEN STOCK 039 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 39 -r 320001 640000 -f1 /TPCCFlat23/stock_2.dat.039

DDL/GEN STOCK 039 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 39 -r 640001 960000 -f1 /TPCCFlat24/stock_3.dat.039

DDL/GEN STOCK 040 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 40 -r 1 320000 -f1 /TPCCFlat25/stock_1.dat.040

DDL/GEN STOCK 040 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 40 -r 320001 640000 -f1 /TPCCFlat26/stock_2.dat.040

DDL/GEN STOCK 040 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 40 -r 640001 960000 -f1 /TPCCFlat27/stock_3.dat.040

DDL/GEN STOCK 041 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 41 -r 1 320000 -f1 /TPCCFlat28/stock_1.dat.041

DDL/GEN STOCK 041 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 41 -r 320001 640000 -f1 /TPCCFlat29/stock_2.dat.041

DDL/GEN STOCK 041 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 41 -r 640001 960000 -f1 /TPCCFlat30/stock_3.dat.041

DDL/GEN STOCK 042 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 42 -r 1 320000 -f1 /TPCCFlat31/stock_1.dat.042

DDL/GEN STOCK 042 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 42 -r 320001 640000 -f1 /TPCCFlat32/stock_2.dat.042

DDL/GEN STOCK 042 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 42 -r 640001 960000 -f1 /TPCCFlat33/stock_3.dat.042

DDL/GEN STOCK 043 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 43 -r 1 320000 -f1 /TPCCFlat34/stock_1.dat.043

DDL/GEN STOCK 043 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 43 -r 320001 640000 -f1 /TPCCFlat35/stock_2.dat.043

DDL/GEN STOCK 043 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 43 -r 640001 960000 -f1 /TPCCFlat36/stock_3.dat.043

DDL/GEN STOCK 044 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 44 -r 1 320000 -f1 /TPCCFlat37/stock_1.dat.044

DDL/GEN STOCK 044 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 44 -r 320001 640000 -f1 /TPCCFlat38/stock_2.dat.044

DDL/GEN STOCK 044 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 44 -r 640001 960000 -f1 /TPCCFlat39/stock_3.dat.044

DDL/GEN STOCK 045 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 45 -r 1 320000 -f1 /TPCCFlat40/stock_1.dat.045

DDL/GEN STOCK 045 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 45 -r 320001 640000 -f1 /TPCCFlat41/stock_2.dat.045

DDL/GEN STOCK 045 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 45 -r 640001 960000 -f1 /TPCCFlat42/stock_3.dat.045

DDL/GEN STOCK 046 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 46 -r 1 320000 -f1 /TPCCFlat43/stock_1.dat.046

DDL/GEN STOCK 046 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 46 -r 320001 640000 -f1 /TPCCFlat44/stock_2.dat.046

DDL/GEN STOCK 046 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 46 -r 640001 960000 -f1 /TPCCFlat45/stock_3.dat.046

DDL/GEN STOCK 047 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 47 -r 1 320000 -f1 /TPCCFlat46/stock_1.dat.047

DDL/GEN STOCK 047 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 47 -r 320001 640000 -f1 /TPCCFlat47/stock_2.dat.047

DDL/GEN STOCK 047 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 47 -r 640001 960000 -f1 /TPCCFlat48/stock_3.dat.047

DDL/GEN STOCK 048 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 48 -r 1 320000 -f1 /TPCCFlat49/stock_1.dat.048

DDL/GEN STOCK 048 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 48 -r 320001 640000 -f1 /TPCCFlat50/stock_2.dat.048

DDL/GEN STOCK 048 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 48 -r 640001 960000 -f1
/TPCCFlat51/stock_3.dat.048

DDL/GEN STOCK 049 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 49 -r 1 320000 -f1
/TPCCFlat52/stock_1.dat.049

DDL/GEN STOCK 049 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 49 -r 320001 640000 -f1
/TPCCFlat53/stock_2.dat.049

DDL/GEN STOCK 049 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 49 -r 640001 960000 -f1
/TPCCFlat54/stock_3.dat.049

DDL/GEN STOCK 050 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 50 -r 1 320000 -f1
/TPCCFlat55/stock_1.dat.050

DDL/GEN STOCK 050 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 50 -r 320001 640000 -f1
/TPCCFlat56/stock_2.dat.050

DDL/GEN STOCK 050 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 50 -r 640001 960000 -f1
/TPCCFlat57/stock_3.dat.050

DDL/GEN STOCK 051 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 51 -r 1 320000 -f1
/TPCCFlat58/stock_1.dat.051

DDL/GEN STOCK 051 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 51 -r 320001 640000 -f1
/TPCCFlat59/stock_2.dat.051

DDL/GEN STOCK 051 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 51 -r 640001 960000 -f1
/TPCCFlat60/stock_3.dat.051

DDL/GEN STOCK 052 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 52 -r 1 320000 -f1
/TPCCFlat61/stock_1.dat.052

DDL/GEN STOCK 052 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 52 -r 320001 640000 -f1
/TPCCFlat62/stock_2.dat.052

DDL/GEN STOCK 052 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 52 -r 640001 960000 -f1
/TPCCFlat63/stock_3.dat.052

DDL/GEN STOCK 053 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 53 -r 1 320000 -f1
/TPCCFlat64/stock_1.dat.053

DDL/GEN STOCK 053 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 53 -r 320001 640000 -f1
/TPCCFlat65/stock_2.dat.053

DDL/GEN STOCK 053 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 53 -r 640001 960000 -f1
/TPCCFlat66/stock_3.dat.053

DDL/GEN STOCK 054 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 54 -r 1 320000 -f1
/TPCCFlat67/stock_1.dat.054

DDL/GEN STOCK 054 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 54 -r 320001 640000 -f1
/TPCCFlat68/stock_2.dat.054

DDL/GEN STOCK 054 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 54 -r 640001 960000 -f1
/TPCCFlat69/stock_3.dat.054

DDL/GEN STOCK 055 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 55 -r 1 320000 -f1
/TPCCFlat70/stock_1.dat.055

DDL/GEN STOCK 055 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 55 -r 320001 640000 -f1
/TPCCFlat71/stock_2.dat.055

DDL/GEN STOCK 055 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 55 -r 640001 960000 -f1
/TPCCFlat72/stock_3.dat.055

DDL/GEN STOCK 056 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 56 -r 1 320000 -f1
/TPCCFlat73/stock_1.dat.056

DDL/GEN STOCK 056 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 56 -r 320001 640000 -f1
/TPCCFlat74/stock_2.dat.056

DDL/GEN STOCK 056 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 56 -r 640001 960000 -f1
/TPCCFlat75/stock_3.dat.056

DDL/GEN STOCK 057 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 57 -r 1 320000 -f1
/TPCCFlat76/stock_1.dat.057

DDL/GEN STOCK 057 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 57 -r 320001 640000 -f1
/TPCCFlat77/stock_2.dat.057

DDL/GEN STOCK 057 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 57 -r 640001 960000 -f1
/TPCCFlat78/stock_3.dat.057

DDL/GEN STOCK 058 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 58 -r 1 320000 -f1
/TPCCFlat79/stock_1.dat.058

DDL/GEN STOCK 058 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 58 -r 320001 640000 -f1
/TPCCFlat80/stock_2.dat.058

DDL/GEN STOCK 058 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 58 -r 640001 960000 -f1
/TPCCFlat81/stock_3.dat.058

DDL/GEN STOCK 059 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 59 -r 1 320000 -f1
/TPCCFlat82/stock_1.dat.059

DDL/GEN STOCK 059 2.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 59 -r 320001 640000 -f1 /TPCCFlat83/stock_2.dat.059

DDL/GEN STOCK 059 3.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 59 -r 640001 960000 -f1 /TPCCFlat84/stock_3.dat.059

DDL/GEN STOCK 060 1.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 60 -r 1 320000 -f1 /TPCCFlat85/stock_1.dat.060

DDL/GEN STOCK 060 2.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 60 -r 320001 640000 -f1 /TPCCFlat86/stock_2.dat.060

DDL/GEN STOCK 060 3.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 60 -r 640001 960000 -f1 /TPCCFlat87/stock_3.dat.060

DDL/GEN STOCK 061 1.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 61 -r 1 320000 -f1 /TPCCFlat88/stock_1.dat.061

DDL/GEN STOCK 061 2.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 61 -r 320001 640000 -f1 /TPCCFlat89/stock_2.dat.061

DDL/GEN STOCK 061 3.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 61 -r 640001 960000 -f1 /TPCCFlat90/stock_3.dat.061

DDL/GEN STOCK 062 1.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 62 -r 1 320000 -f1 /TPCCFlat91/stock_1.dat.062

DDL/GEN STOCK 062 2.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 62 -r 320001 640000 -f1 /TPCCFlat92/stock_2.dat.062

DDL/GEN STOCK 062 3.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 62 -r 640001 960000 -f1 /TPCCFlat93/stock_3.dat.062

DDL/GEN STOCK 063 1.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 63 -r 1 320000 -f1 /TPCCFlat94/stock_1.dat.063

DDL/GEN STOCK 063 2.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 63 -r 320001 640000 -f1 /TPCCFlat95/stock_2.dat.063

DDL/GEN STOCK 063 3.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 63 -r 640001 960000 -f1 /TPCCFlat96/stock_3.dat.063

DDL/GEN STOCK 064 1.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 64 -r 1 320000 -f1 /TPCCFlat1/stock_1.dat.064

DDL/GEN STOCK 064 2.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 64 -r 320001 640000 -f1 /TPCCFlat2/stock_2.dat.064

DDL/GEN STOCK 064 3.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 64 -r 640001 960000 -f1 /TPCCFlat3/stock_3.dat.064

DDL/GEN STOCK 065 1.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 65 -r 1 320000 -f1 /TPCCFlat4/stock_1.dat.065

DDL/GEN STOCK 065 2.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 65 -r 320001 640000 -f1 /TPCCFlat5/stock_2.dat.065

DDL/GEN STOCK 065 3.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 65 -r 640001 960000 -f1 /TPCCFlat6/stock_3.dat.065

DDL/GEN STOCK 066 1.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 66 -r 1 320000 -f1 /TPCCFlat7/stock_1.dat.066

DDL/GEN STOCK 066 2.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 66 -r 320001 640000 -f1 /TPCCFlat8/stock_2.dat.066

DDL/GEN STOCK 066 3.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 66 -r 640001 960000 -f1 /TPCCFlat9/stock_3.dat.066

DDL/GEN STOCK 067 1.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 67 -r 1 320000 -f1 /TPCCFlat10/stock_1.dat.067

DDL/GEN STOCK 067 2.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 67 -r 320001 640000 -f1 /TPCCFlat11/stock_2.dat.067

DDL/GEN STOCK 067 3.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 67 -r 640001 960000 -f1 /TPCCFlat12/stock_3.dat.067

DDL/GEN STOCK 068 1.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 68 -r 1 320000 -f1 /TPCCFlat13/stock_1.dat.068

DDL/GEN STOCK 068 2.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 68 -r 320001 640000 -f1 /TPCCFlat14/stock_2.dat.068

DDL/GEN STOCK 068 3.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 68 -r 640001 960000 -f1 /TPCCFlat15/stock_3.dat.068

DDL/GEN STOCK 069 1.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 69 -r 1 320000 -f1 /TPCCFlat16/stock_1.dat.069

DDL/GEN STOCK 069 2.sh

/home/tpcc/tpcc21/dbgen/genedata -t 6 -n 69 -r 320001 640000 -f1 /TPCCFlat17/stock_2.dat.069

DDL/GEN STOCK 069 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 69 -r 640001 960000 -f1 /TPCCFlat18/stock_3.dat.069

DDL/GEN STOCK 070 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 70 -r 1 320000 -f1 /TPCCFlat19/stock_1.dat.070

DDL/GEN STOCK 070 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 70 -r 320001 640000 -f1 /TPCCFlat20/stock_2.dat.070

DDL/GEN STOCK 070 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 70 -r 640001 960000 -f1 /TPCCFlat21/stock_3.dat.070

DDL/GEN STOCK 071 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 71 -r 1 320000 -f1 /TPCCFlat22/stock_1.dat.071

DDL/GEN STOCK 071 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 71 -r 320001 640000 -f1 /TPCCFlat23/stock_2.dat.071

DDL/GEN STOCK 071 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 71 -r 640001 960000 -f1 /TPCCFlat24/stock_3.dat.071

DDL/GEN STOCK 072 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 72 -r 1 320000 -f1 /TPCCFlat25/stock_1.dat.072

DDL/GEN STOCK 072 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 72 -r 320001 640000 -f1 /TPCCFlat26/stock_2.dat.072

DDL/GEN STOCK 072 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 72 -r 640001 960000 -f1 /TPCCFlat27/stock_3.dat.072

DDL/GEN STOCK 073 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 73 -r 1 320000 -f1 /TPCCFlat28/stock_1.dat.073

DDL/GEN STOCK 073 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 73 -r 320001 640000 -f1 /TPCCFlat29/stock_2.dat.073

DDL/GEN STOCK 073 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 73 -r 640001 960000 -f1 /TPCCFlat30/stock_3.dat.073

DDL/GEN STOCK 074 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 74 -r 1 320000 -f1 /TPCCFlat31/stock_1.dat.074

DDL/GEN STOCK 074 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 74 -r 320001 640000 -f1 /TPCCFlat32/stock_2.dat.074

DDL/GEN STOCK 074 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 74 -r 640001 960000 -f1 /TPCCFlat33/stock_3.dat.074

DDL/GEN STOCK 075 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 75 -r 1 320000 -f1 /TPCCFlat34/stock_1.dat.075

DDL/GEN STOCK 075 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 75 -r 320001 640000 -f1 /TPCCFlat35/stock_2.dat.075

DDL/GEN STOCK 075 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 75 -r 640001 960000 -f1 /TPCCFlat36/stock_3.dat.075

DDL/GEN STOCK 076 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 76 -r 1 320000 -f1 /TPCCFlat37/stock_1.dat.076

DDL/GEN STOCK 076 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 76 -r 320001 640000 -f1 /TPCCFlat38/stock_2.dat.076

DDL/GEN STOCK 076 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 76 -r 640001 960000 -f1 /TPCCFlat39/stock_3.dat.076

DDL/GEN STOCK 077 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 77 -r 1 320000 -f1 /TPCCFlat40/stock_1.dat.077

DDL/GEN STOCK 077 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 77 -r 320001 640000 -f1 /TPCCFlat41/stock_2.dat.077

DDL/GEN STOCK 077 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 77 -r 640001 960000 -f1 /TPCCFlat42/stock_3.dat.077

DDL/GEN STOCK 078 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 78 -r 1 320000 -f1 /TPCCFlat43/stock_1.dat.078

DDL/GEN STOCK 078 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 78 -r 320001 640000 -f1 /TPCCFlat44/stock_2.dat.078

DDL/GEN STOCK 078 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 78 -r 640001 960000 -f1 /TPCCFlat45/stock_3.dat.078

DDL/GEN STOCK 079 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 79 -r 1 320000 -f1 /TPCCFlat46/stock_1.dat.079

DDL/GEN STOCK 079 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 79 -r 320001 640000 -f1 /TPCCFlat47/stock_2.dat.079

DDL/GEN STOCK 079 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 79 -r 640001 960000 -f1 /TPCCFlat48/stock_3.dat.079

DDL/GEN STOCK 080 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 80 -r 1 320000 -f1 /TPCCFlat49/stock_1.dat.080

DDL/GEN STOCK 080 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 80 -r 320001 640000 -f1
/TPCCFlat50/stock_2.dat.080

DDL/GEN STOCK 080 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 80 -r 640001 960000 -f1
/TPCCFlat51/stock_3.dat.080

DDL/GEN STOCK 081 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 81 -r 1 320000 -f1
/TPCCFlat52/stock_1.dat.081

DDL/GEN STOCK 081 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 81 -r 320001 640000 -f1
/TPCCFlat53/stock_2.dat.081

DDL/GEN STOCK 081 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 81 -r 640001 960000 -f1
/TPCCFlat54/stock_3.dat.081

DDL/GEN STOCK 082 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 82 -r 1 320000 -f1
/TPCCFlat55/stock_1.dat.082

DDL/GEN STOCK 082 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 82 -r 320001 640000 -f1
/TPCCFlat56/stock_2.dat.082

DDL/GEN STOCK 082 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 82 -r 640001 960000 -f1
/TPCCFlat57/stock_3.dat.082

DDL/GEN STOCK 083 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 83 -r 1 320000 -f1
/TPCCFlat58/stock_1.dat.083

DDL/GEN STOCK 083 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 83 -r 320001 640000 -f1
/TPCCFlat59/stock_2.dat.083

DDL/GEN STOCK 083 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 83 -r 640001 960000 -f1
/TPCCFlat60/stock_3.dat.083

DDL/GEN STOCK 084 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 84 -r 1 320000 -f1
/TPCCFlat61/stock_1.dat.084

DDL/GEN STOCK 084 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 84 -r 320001 640000 -f1
/TPCCFlat62/stock_2.dat.084

DDL/GEN STOCK 084 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 84 -r 640001 960000 -f1
/TPCCFlat63/stock_3.dat.084

DDL/GEN STOCK 085 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 85 -r 1 320000 -f1
/TPCCFlat64/stock_1.dat.085

DDL/GEN STOCK 085 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 85 -r 320001 640000 -f1
/TPCCFlat65/stock_2.dat.085

DDL/GEN STOCK 085 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 85 -r 640001 960000 -f1
/TPCCFlat66/stock_3.dat.085

DDL/GEN STOCK 086 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 86 -r 1 320000 -f1
/TPCCFlat67/stock_1.dat.086

DDL/GEN STOCK 086 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 86 -r 320001 640000 -f1
/TPCCFlat68/stock_2.dat.086

DDL/GEN STOCK 086 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 86 -r 640001 960000 -f1
/TPCCFlat69/stock_3.dat.086

DDL/GEN STOCK 087 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 87 -r 1 320000 -f1
/TPCCFlat70/stock_1.dat.087

DDL/GEN STOCK 087 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 87 -r 320001 640000 -f1
/TPCCFlat71/stock_2.dat.087

DDL/GEN STOCK 087 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 87 -r 640001 960000 -f1
/TPCCFlat72/stock_3.dat.087

DDL/GEN STOCK 088 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 88 -r 1 320000 -f1
/TPCCFlat73/stock_1.dat.088

DDL/GEN STOCK 088 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 88 -r 320001 640000 -f1
/TPCCFlat74/stock_2.dat.088

DDL/GEN STOCK 088 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 88 -r 640001 960000 -f1
/TPCCFlat75/stock_3.dat.088

DDL/GEN STOCK 089 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 89 -r 1 320000 -f1
/TPCCFlat76/stock_1.dat.089

DDL/GEN STOCK 089 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 89 -r 320001 640000 -f1
/TPCCFlat77/stock_2.dat.089

DDL/GEN STOCK 089 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 89 -r 640001 960000 -f1
/TPCCFlat78/stock_3.dat.089

DDL/GEN STOCK 090 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 90 -r 1 320000 -f1
/TPCCFlat79/stock_1.dat.090

DDL/GEN STOCK 090 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 90 -r 320001 640000 -f1
/TPCCFlat80/stock_2.dat.090

DDL/GEN STOCK 090 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 90 -r 640001 960000 -f1
/TPCCFlat81/stock_3.dat.090

DDL/GEN STOCK 091 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 91 -r 1 320000 -f1
/TPCCFlat82/stock_1.dat.091

DDL/GEN STOCK 091 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 91 -r 320001 640000 -f1
/TPCCFlat83/stock_2.dat.091

DDL/GEN STOCK 091 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 91 -r 640001 960000 -f1
/TPCCFlat84/stock_3.dat.091

DDL/GEN STOCK 092 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 92 -r 1 320000 -f1
/TPCCFlat85/stock_1.dat.092

DDL/GEN STOCK 092 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 92 -r 320001 640000 -f1
/TPCCFlat86/stock_2.dat.092

DDL/GEN STOCK 092 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 92 -r 640001 960000 -f1
/TPCCFlat87/stock_3.dat.092

DDL/GEN STOCK 093 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 93 -r 1 320000 -f1
/TPCCFlat88/stock_1.dat.093

DDL/GEN STOCK 093 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 93 -r 320001 640000 -f1
/TPCCFlat89/stock_2.dat.093

DDL/GEN STOCK 093 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 93 -r 640001 960000 -f1
/TPCCFlat90/stock_3.dat.093

DDL/GEN STOCK 094 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 94 -r 1 320000 -f1
/TPCCFlat91/stock_1.dat.094

DDL/GEN STOCK 094 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 94 -r 320001 640000 -f1
/TPCCFlat92/stock_2.dat.094

DDL/GEN STOCK 094 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 94 -r 640001 960000 -f1
/TPCCFlat93/stock_3.dat.094

DDL/GEN STOCK 095 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 95 -r 1 320000 -f1
/TPCCFlat94/stock_1.dat.095

DDL/GEN STOCK 095 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 95 -r 320001 640000 -f1
/TPCCFlat95/stock_2.dat.095

DDL/GEN STOCK 095 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 6 -n 95 -r 640001 960000 -f1
/TPCCFlat96/stock_3.dat.095

DDL/GEN WAREHOUSE 000 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 0 -r 1 320000 -f1
/TPCCFlat1/warehouse_1.dat.000

DDL/GEN WAREHOUSE 000 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 0 -r 320001 640000 -f1
/TPCCFlat2/warehouse_2.dat.000

DDL/GEN WAREHOUSE 000 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 0 -r 640001 960000 -f1
/TPCCFlat3/warehouse_3.dat.000

DDL/GEN WAREHOUSE 001 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 1 -r 1 320000 -f1
/TPCCFlat4/warehouse_1.dat.001

DDL/GEN WAREHOUSE 001 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 1 -r 320001 640000 -f1
/TPCCFlat5/warehouse_2.dat.001

DDL/GEN WAREHOUSE 001 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 1 -r 640001 960000 -f1
/TPCCFlat6/warehouse_3.dat.001

DDL/GEN WAREHOUSE 002 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 2 -r 1 320000 -f1
/TPCCFlat7/warehouse_1.dat.002

DDL/GEN WAREHOUSE 002 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 2 -r 320001 640000 -f1
/TPCCFlat8/warehouse_2.dat.002

DDL/GEN WAREHOUSE 002 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 2 -r 640001 960000 -f1
/TPCCFlat9/warehouse_3.dat.002

DDL/GEN WAREHOUSE 003 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 3 -r 1 320000 -f1
/TPCCFlat10/warehouse_1.dat.003

DDL/GEN WAREHOUSE 003 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 3 -r 320001 640000 -f1
/TPCCFlat11/warehouse_2.dat.003

DDL/GEN WAREHOUSE 003 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 3 -r 640001 960000 -f1
/TPCCFlat12/warehouse_3.dat.003

DDL/GEN WAREHOUSE 004 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 4 -r 1 320000 -f1
/TPCCFlat13/warehouse_1.dat.004

DDL/GEN WAREHOUSE 004 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 4 -r 320001 640000 -f1
/TPCCFlat14/warehouse_2.dat.004

DDL/GEN WAREHOUSE 004 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 4 -r 640001 960000 -f1
/TPCCFlat15/warehouse_3.dat.004

DDL/GEN WAREHOUSE 005 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 5 -r 1 320000 -f1
/TPCCFlat16/warehouse_1.dat.005

DDL/GEN WAREHOUSE 005 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 5 -r 320001 640000 -f1
/TPCCFlat17/warehouse_2.dat.005

DDL/GEN WAREHOUSE 005 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 5 -r 640001 960000 -f1
/TPCCFlat18/warehouse_3.dat.005

DDL/GEN WAREHOUSE 006 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 6 -r 1 320000 -f1
/TPCCFlat19/warehouse_1.dat.006

DDL/GEN WAREHOUSE 006 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 6 -r 320001 640000 -f1
/TPCCFlat20/warehouse_2.dat.006

DDL/GEN WAREHOUSE 006 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 6 -r 640001 960000 -f1
/TPCCFlat21/warehouse_3.dat.006

DDL/GEN WAREHOUSE 007 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 7 -r 1 320000 -f1
/TPCCFlat22/warehouse_1.dat.007

DDL/GEN WAREHOUSE 007 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 7 -r 320001 640000 -f1
/TPCCFlat23/warehouse_2.dat.007

DDL/GEN WAREHOUSE 007 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 7 -r 640001 960000 -f1
/TPCCFlat24/warehouse_3.dat.007

DDL/GEN WAREHOUSE 008 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 8 -r 1 320000 -f1
/TPCCFlat25/warehouse_1.dat.008

DDL/GEN WAREHOUSE 008 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 8 -r 320001 640000 -f1
/TPCCFlat26/warehouse_2.dat.008

DDL/GEN WAREHOUSE 008 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 8 -r 640001 960000 -f1
/TPCCFlat27/warehouse_3.dat.008

DDL/GEN WAREHOUSE 009 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 9 -r 1 320000 -f1
/TPCCFlat28/warehouse_1.dat.009

DDL/GEN WAREHOUSE 009 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 9 -r 320001 640000 -f1
/TPCCFlat29/warehouse_2.dat.009

DDL/GEN WAREHOUSE 009 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 9 -r 640001 960000 -f1
/TPCCFlat30/warehouse_3.dat.009

DDL/GEN WAREHOUSE 010 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 10 -r 1 320000 -f1
/TPCCFlat31/warehouse_1.dat.010

DDL/GEN WAREHOUSE 010 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 10 -r 320001 640000 -f1
/TPCCFlat32/warehouse_2.dat.010

DDL/GEN WAREHOUSE 010 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 10 -r 640001 960000 -f1
/TPCCFlat33/warehouse_3.dat.010

DDL/GEN WAREHOUSE 011 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 11 -r 1 320000 -f1
/TPCCFlat34/warehouse_1.dat.011

DDL/GEN WAREHOUSE 011 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 11 -r 320001 640000 -f1
/TPCCFlat35/warehouse_2.dat.011

DDL/GEN WAREHOUSE 011 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 11 -r 640001 960000 -f1
/TPCCFlat36/warehouse_3.dat.011

DDL/GEN WAREHOUSE 012 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 12 -r 1 320000 -f1
/TPCCFlat37/warehouse_1.dat.012

DDL/GEN WAREHOUSE 012 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 12 -r 320001 640000 -f1
/TPCCFlat38/warehouse_2.dat.012

DDL/GEN WAREHOUSE 012 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 12 -r 640001 960000 -f1
/TPCCFlat39/warehouse_3.dat.012

DDL/GEN WAREHOUSE 013 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 13 -r 1 320000 -f1
/TPCCFlat40/warehouse_1.dat.013

DDL/GEN WAREHOUSE 013 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 13 -r 320001 640000 -f1
/TPCCFlat41/warehouse_2.dat.013

DDL/GEN WAREHOUSE 013 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 13 -r 640001 960000 -f1
/TPCCFlat42/warehouse_3.dat.013

DDL/GEN WAREHOUSE 014 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 14 -r 1 320000 -f1
/TPCCFlat43/warehouse_1.dat.014

DDL/GEN WAREHOUSE 014 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 14 -r 320001 640000 -f1
/TPCCFlat44/warehouse_2.dat.014

DDL/GEN WAREHOUSE 014 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 14 -r 640001 960000 -f1
/TPCCFlat45/warehouse_3.dat.014

DDL/GEN WAREHOUSE 015 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 15 -r 1 320000 -f1
/TPCCFlat46/warehouse_1.dat.015

DDL/GEN WAREHOUSE 015 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 15 -r 320001 640000 -f1
/TPCCFlat47/warehouse_2.dat.015

DDL/GEN WAREHOUSE 015 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 15 -r 640001 960000 -f1
/TPCCFlat48/warehouse_3.dat.015

DDL/GEN WAREHOUSE 016 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 16 -r 1 320000 -f1
/TPCCFlat49/warehouse_1.dat.016

DDL/GEN WAREHOUSE 016 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 16 -r 320001 640000 -f1
/TPCCFlat50/warehouse_2.dat.016

DDL/GEN WAREHOUSE 016 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 16 -r 640001 960000 -f1
/TPCCFlat51/warehouse_3.dat.016

DDL/GEN WAREHOUSE 017 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 17 -r 1 320000 -f1
/TPCCFlat52/warehouse_1.dat.017

DDL/GEN WAREHOUSE 017 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 17 -r 320001 640000 -f1
/TPCCFlat53/warehouse_2.dat.017

DDL/GEN WAREHOUSE 017 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 17 -r 640001 960000 -f1
/TPCCFlat54/warehouse_3.dat.017

DDL/GEN WAREHOUSE 018 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 18 -r 1 320000 -f1
/TPCCFlat55/warehouse_1.dat.018

DDL/GEN WAREHOUSE 018 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 18 -r 320001 640000 -f1
/TPCCFlat56/warehouse_2.dat.018

DDL/GEN WAREHOUSE 018 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 18 -r 640001 960000 -f1
/TPCCFlat57/warehouse_3.dat.018

DDL/GEN WAREHOUSE 019 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 19 -r 1 320000 -f1
/TPCCFlat58/warehouse_1.dat.019

DDL/GEN WAREHOUSE 019 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 19 -r 320001 640000 -f1
/TPCCFlat59/warehouse_2.dat.019

DDL/GEN WAREHOUSE 019 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 19 -r 640001 960000 -f1
/TPCCFlat60/warehouse_3.dat.019

DDL/GEN WAREHOUSE 020 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 20 -r 1 320000 -f1
/TPCCFlat61/warehouse_1.dat.020

DDL/GEN WAREHOUSE 020 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 20 -r 320001 640000 -f1
/TPCCFlat62/warehouse_2.dat.020

DDL/GEN WAREHOUSE 020 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 20 -r 640001 960000 -f1
/TPCCFlat63/warehouse_3.dat.020

DDL/GEN WAREHOUSE 021 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 21 -r 1 320000 -f1
/TPCCFlat64/warehouse_1.dat.021

DDL/GEN WAREHOUSE 021 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 21 -r 320001 640000 -f1
/TPCCFlat65/warehouse_2.dat.021

DDL/GEN WAREHOUSE 021 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 21 -r 640001 960000 -f1
/TPCCFlat66/warehouse_3.dat.021

DDL/GEN WAREHOUSE 022 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 22 -r 1 320000 -f1
/TPCCFlat67/warehouse_1.dat.022

DDL/GEN WAREHOUSE 022 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 22 -r 320001 640000 -f1
/TPCCFlat68/warehouse_2.dat.022

DDL/GEN WAREHOUSE 022 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 22 -r 640001 960000 -f1
/TPCCFlat69/warehouse_3.dat.022

DDL/GEN WAREHOUSE 023 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 23 -r 1 320000 -f1
/TPCCFlat70/warehouse_1.dat.023

DDL/GEN WAREHOUSE 023 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 23 -r 320001 640000 -f1
/TPCCFlat71/warehouse_2.dat.023

DDL/GEN WAREHOUSE 023 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 23 -r 640001 960000 -f1
/TPCCFlat72/warehouse_3.dat.023

DDL/GEN WAREHOUSE 024 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 24 -r 1 320000 -f1
/TPCCFlat73/warehouse_1.dat.024

DDL/GEN WAREHOUSE 024 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 24 -r 320001 640000 -f1
/TPCCFlat74/warehouse_2.dat.024

DDL/GEN WAREHOUSE 024 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 24 -r 640001 960000 -f1
/TPCCFlat75/warehouse_3.dat.024

DDL/GEN WAREHOUSE 025 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 25 -r 1 320000 -f1
/TPCCFlat76/warehouse_1.dat.025

DDL/GEN WAREHOUSE 025 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 25 -r 320001 640000 -f1
/TPCCFlat77/warehouse_2.dat.025

DDL/GEN WAREHOUSE 025 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 25 -r 640001 960000 -f1
/TPCCFlat78/warehouse_3.dat.025

DDL/GEN WAREHOUSE 026 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 26 -r 1 320000 -f1
/TPCCFlat79/warehouse_1.dat.026

DDL/GEN WAREHOUSE 026 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 26 -r 320001 640000 -f1
/TPCCFlat80/warehouse_2.dat.026

DDL/GEN WAREHOUSE 026 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 26 -r 640001 960000 -f1
/TPCCFlat81/warehouse_3.dat.026

DDL/GEN WAREHOUSE 027 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 27 -r 1 320000 -f1
/TPCCFlat82/warehouse_1.dat.027

DDL/GEN WAREHOUSE 027 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 27 -r 320001 640000 -f1
/TPCCFlat83/warehouse_2.dat.027

DDL/GEN WAREHOUSE 027 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 27 -r 640001 960000 -f1
/TPCCFlat84/warehouse_3.dat.027

DDL/GEN WAREHOUSE 028 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 28 -r 1 320000 -f1
/TPCCFlat85/warehouse_1.dat.028

DDL/GEN WAREHOUSE 028 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 28 -r 320001 640000 -f1
/TPCCFlat86/warehouse_2.dat.028

DDL/GEN WAREHOUSE 028 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 28 -r 640001 960000 -f1
/TPCCFlat87/warehouse_3.dat.028

DDL/GEN WAREHOUSE 029 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 29 -r 1 320000 -f1
/TPCCFlat88/warehouse_1.dat.029

DDL/GEN WAREHOUSE 029 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 29 -r 320001 640000 -f1
/TPCCFlat89/warehouse_2.dat.029

DDL/GEN WAREHOUSE 029 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 29 -r 640001 960000 -f1
/TPCCFlat90/warehouse_3.dat.029

DDL/GEN WAREHOUSE 030 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 30 -r 1 320000 -f1
/TPCCFlat91/warehouse_1.dat.030

DDL/GEN WAREHOUSE 030 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 30 -r 320001 640000 -f1
/TPCCFlat92/warehouse_2.dat.030

DDL/GEN WAREHOUSE 030 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 30 -r 640001 960000 -f1
/TPCCFlat93/warehouse_3.dat.030

DDL/GEN WAREHOUSE 031 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 31 -r 1 320000 -f1
/TPCCFlat94/warehouse_1.dat.031

DDL/GEN WAREHOUSE 031 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 31 -r 320001 640000 -f1
/TPCCFlat95/warehouse_2.dat.031

DDL/GEN WAREHOUSE 031 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 31 -r 640001 960000 -f1
/TPCCFlat96/warehouse_3.dat.031

DDL/GEN WAREHOUSE 032 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 32 -r 1 320000 -f1
/TPCCFlat1/warehouse_1.dat.032

DDL/GEN WAREHOUSE 032 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 32 -r 320001 640000 -f1
/TPCCFlat2/warehouse_2.dat.032

DDL/GEN WAREHOUSE 032 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 32 -r 640001 960000 -f1
/TPCCFlat3/warehouse_3.dat.032

DDL/GEN WAREHOUSE 033 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 33 -r 1 320000 -f1
/TPCCFlat4/warehouse_1.dat.033

DDL/GEN WAREHOUSE 033 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 33 -r 320001 640000 -f1
/TPCCFlat5/warehouse_2.dat.033

DDL/GEN WAREHOUSE 033 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 33 -r 640001 960000 -f1
/TPCCFlat6/warehouse_3.dat.033

DDL/GEN WAREHOUSE 034 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 34 -r 1 320000 -f1
/TPCCFlat7/warehouse_1.dat.034

DDL/GEN WAREHOUSE 034 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 34 -r 320001 640000 -f1
/TPCCFlat8/warehouse_2.dat.034

DDL/GEN WAREHOUSE 034 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 34 -r 640001 960000 -f1
/TPCCFlat9/warehouse_3.dat.034

DDL/GEN WAREHOUSE 035 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 35 -r 1 320000 -f1
/TPCCFlat10/warehouse_1.dat.035

DDL/GEN WAREHOUSE 035 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 35 -r 320001 640000 -f1
/TPCCFlat11/warehouse_2.dat.035

DDL/GEN WAREHOUSE 035 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 35 -r 640001 960000 -f1
/TPCCFlat12/warehouse_3.dat.035

DDL/GEN WAREHOUSE 036 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 36 -r 1 320000 -f1
/TPCCFlat13/warehouse_1.dat.036

DDL/GEN WAREHOUSE 036 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 36 -r 320001 640000 -f1
/TPCCFlat14/warehouse_2.dat.036

DDL/GEN WAREHOUSE 036 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 36 -r 640001 960000 -f1
/TPCCFlat15/warehouse_3.dat.036

DDL/GEN WAREHOUSE 037 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 37 -r 1 320000 -f1
/TPCCFlat16/warehouse_1.dat.037

DDL/GEN WAREHOUSE 037 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 37 -r 320001 640000 -f1
/TPCCFlat17/warehouse_2.dat.037

DDL/GEN WAREHOUSE 037 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 37 -r 640001 960000 -f1
/TPCCFlat18/warehouse_3.dat.037

DDL/GEN WAREHOUSE 038 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 38 -r 1 320000 -f1
/TPCCFlat19/warehouse_1.dat.038

DDL/GEN WAREHOUSE 038 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 38 -r 320001 640000 -f1
/TPCCFlat20/warehouse_2.dat.038

DDL/GEN WAREHOUSE 038 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 38 -r 640001 960000 -f1
/TPCCFlat21/warehouse_3.dat.038

DDL/GEN WAREHOUSE 039 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 39 -r 1 320000 -f1
/TPCCFlat22/warehouse_1.dat.039

DDL/GEN WAREHOUSE 039 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 39 -r 320001 640000 -f1
/TPCCFlat23/warehouse_2.dat.039

DDL/GEN WAREHOUSE 039 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 39 -r 640001 960000 -f1
/TPCCFlat24/warehouse_3.dat.039

DDL/GEN WAREHOUSE 040 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 40 -r 1 320000 -f1
/TPCCFlat25/warehouse_1.dat.040

DDL/GEN WAREHOUSE 040 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 40 -r 320001 640000 -f1
/TPCCFlat26/warehouse_2.dat.040

DDL/GEN WAREHOUSE 040 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 40 -r 640001 960000 -f1
/TPCCFlat27/warehouse_3.dat.040

DDL/GEN WAREHOUSE 041 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 41 -r 1 320000 -f1
/TPCCFlat28/warehouse_1.dat.041

DDL/GEN WAREHOUSE 041 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 41 -r 320001 640000 -f1
/TPCCFlat29/warehouse_2.dat.041

DDL/GEN WAREHOUSE 041 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 41 -r 640001 960000 -f1
/TPCCFlat30/warehouse_3.dat.041

DDL/GEN WAREHOUSE 042 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 42 -r 1 320000 -f1
/TPCCFlat31/warehouse_1.dat.042

DDL/GEN WAREHOUSE 042 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 42 -r 320001 640000 -f1
/TPCCFlat32/warehouse_2.dat.042

DDL/GEN WAREHOUSE 042 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 42 -r 640001 960000 -f1
/TPCCFlat33/warehouse_3.dat.042

DDL/GEN WAREHOUSE 043 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 43 -r 1 320000 -f1
/TPCCFlat34/warehouse_1.dat.043

DDL/GEN WAREHOUSE 043 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 43 -r 320001 640000 -f1
/TPCCFlat35/warehouse_2.dat.043

DDL/GEN WAREHOUSE 043 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 43 -r 640001 960000 -f1
/TPCCFlat36/warehouse_3.dat.043

DDL/GEN WAREHOUSE 044 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 44 -r 1 320000 -f1
/TPCCFlat37/warehouse_1.dat.044

DDL/GEN WAREHOUSE 044 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 44 -r 320001 640000 -f1
/TPCCFlat38/warehouse_2.dat.044

DDL/GEN WAREHOUSE 044 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 44 -r 640001 960000 -f1
/TPCCFlat39/warehouse_3.dat.044

DDL/GEN WAREHOUSE 045 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 45 -r 1 320000 -f1
/TPCCFlat40/warehouse_1.dat.045

DDL/GEN WAREHOUSE 045 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 45 -r 320001 640000 -f1
/TPCCFlat41/warehouse_2.dat.045

DDL/GEN WAREHOUSE 045 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 45 -r 640001 960000 -f1
/TPCCFlat42/warehouse_3.dat.045

DDL/GEN WAREHOUSE 046 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 46 -r 1 320000 -f1
/TPCCFlat43/warehouse_1.dat.046

DDL/GEN WAREHOUSE 046 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 46 -r 320001 640000 -f1
/TPCCFlat44/warehouse_2.dat.046

DDL/GEN WAREHOUSE 046 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 46 -r 640001 960000 -f1
/TPCCFlat45/warehouse_3.dat.046

DDL/GEN WAREHOUSE 047 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 47 -r 1 320000 -f1
/TPCCFlat46/warehouse_1.dat.047

DDL/GEN WAREHOUSE 047 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 47 -r 320001 640000 -f1
/TPCCFlat47/warehouse_2.dat.047

DDL/GEN WAREHOUSE 047 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 47 -r 640001 960000 -f1
/TPCCFlat48/warehouse_3.dat.047

DDL/GEN WAREHOUSE 048 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 48 -r 1 320000 -f1
/TPCCFlat49/warehouse_1.dat.048

DDL/GEN WAREHOUSE 048 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 48 -r 320001 640000 -f1
/TPCCFlat50/warehouse_2.dat.048

DDL/GEN WAREHOUSE 048 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 48 -r 640001 960000 -f1
/TPCCFlat51/warehouse_3.dat.048

DDL/GEN WAREHOUSE 049 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 49 -r 1 320000 -f1
/TPCCFlat52/warehouse_1.dat.049

DDL/GEN WAREHOUSE 049 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 49 -r 320001 640000 -f1
/TPCCFlat53/warehouse_2.dat.049

DDL/GEN WAREHOUSE 049 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 49 -r 640001 960000 -f1
/TPCCFlat54/warehouse_3.dat.049

DDL/GEN WAREHOUSE 050 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 50 -r 1 320000 -f1
/TPCCFlat55/warehouse_1.dat.050

DDL/GEN WAREHOUSE 050 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 50 -r 320001 640000 -f1
/TPCCFlat56/warehouse_2.dat.050

DDL/GEN WAREHOUSE 050 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 50 -r 640001 960000 -f1
/TPCCFlat57/warehouse_3.dat.050

DDL/GEN WAREHOUSE 051 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 51 -r 1 320000 -f1
/TPCCFlat58/warehouse_1.dat.051

DDL/GEN WAREHOUSE 051 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 51 -r 320001 640000 -f1
/TPCCFlat59/warehouse_2.dat.051

DDL/GEN WAREHOUSE 051 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 51 -r 640001 960000 -f1
/TPCCFlat60/warehouse_3.dat.051

DDL/GEN WAREHOUSE 052 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 52 -r 1 320000 -f1
/TPCCFlat61/warehouse_1.dat.052

DDL/GEN WAREHOUSE 052 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 52 -r 320001 640000 -f1
/TPCCFlat62/warehouse_2.dat.052

DDL/GEN WAREHOUSE 052 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 52 -r 640001 960000 -f1
/TPCCFlat63/warehouse_3.dat.052

DDL/GEN WAREHOUSE 053 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 53 -r 1 320000 -f1
/TPCCFlat64/warehouse_1.dat.053

DDL/GEN WAREHOUSE 053 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 53 -r 320001 640000 -f1
/TPCCFlat65/warehouse_2.dat.053

DDL/GEN WAREHOUSE 053 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 53 -r 640001 960000 -f1
/TPCCFlat66/warehouse_3.dat.053

DDL/GEN WAREHOUSE 054 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 54 -r 1 320000 -f1
/TPCCFlat67/warehouse_1.dat.054

DDL/GEN WAREHOUSE 054 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 54 -r 320001 640000 -f1
/TPCCFlat68/warehouse_2.dat.054

DDL/GEN WAREHOUSE 054 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 54 -r 640001 960000 -f1
/TPCCFlat69/warehouse_3.dat.054

DDL/GEN WAREHOUSE 055 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 55 -r 1 320000 -f1
/TPCCFlat70/warehouse_1.dat.055

DDL/GEN WAREHOUSE 055 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 55 -r 320001 640000 -f1
/TPCCFlat71/warehouse_2.dat.055

DDL/GEN WAREHOUSE 055 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 55 -r 640001 960000 -f1
/TPCCFlat72/warehouse_3.dat.055

DDL/GEN WAREHOUSE 056 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 56 -r 1 320000 -f1
/TPCCFlat73/warehouse_1.dat.056

DDL/GEN WAREHOUSE 056 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 56 -r 320001 640000 -f1
/TPCCFlat74/warehouse_2.dat.056

DDL/GEN WAREHOUSE 056 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 56 -r 640001 960000 -f1
/TPCCFlat75/warehouse_3.dat.056

DDL/GEN WAREHOUSE 057 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 57 -r 1 320000 -f1
/TPCCFlat76/warehouse_1.dat.057

DDL/GEN WAREHOUSE 057 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 57 -r 320001 640000 -f1
/TPCCFlat77/warehouse_2.dat.057

DDL/GEN WAREHOUSE 057 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 57 -r 640001 960000 -f1
/TPCCFlat78/warehouse_3.dat.057

DDL/GEN_WAREHOUSE_058_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 58 -r 1 320000 -f1
/TPCCFlat79/warehouse_1.dat.058

DDL/GEN_WAREHOUSE_058_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 58 -r 320001 640000 -f1
/TPCCFlat80/warehouse_2.dat.058

DDL/GEN_WAREHOUSE_058_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 58 -r 640001 960000 -f1
/TPCCFlat81/warehouse_3.dat.058

DDL/GEN_WAREHOUSE_059_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 59 -r 1 320000 -f1
/TPCCFlat82/warehouse_1.dat.059

DDL/GEN_WAREHOUSE_059_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 59 -r 320001 640000 -f1
/TPCCFlat83/warehouse_2.dat.059

DDL/GEN_WAREHOUSE_059_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 59 -r 640001 960000 -f1
/TPCCFlat84/warehouse_3.dat.059

DDL/GEN_WAREHOUSE_060_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 60 -r 1 320000 -f1
/TPCCFlat85/warehouse_1.dat.060

DDL/GEN_WAREHOUSE_060_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 60 -r 320001 640000 -f1
/TPCCFlat86/warehouse_2.dat.060

DDL/GEN_WAREHOUSE_060_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 60 -r 640001 960000 -f1
/TPCCFlat87/warehouse_3.dat.060

DDL/GEN_WAREHOUSE_061_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 61 -r 1 320000 -f1
/TPCCFlat88/warehouse_1.dat.061

DDL/GEN_WAREHOUSE_061_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 61 -r 320001 640000 -f1
/TPCCFlat89/warehouse_2.dat.061

DDL/GEN_WAREHOUSE_061_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 61 -r 640001 960000 -f1
/TPCCFlat90/warehouse_3.dat.061

DDL/GEN_WAREHOUSE_062_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 62 -r 1 320000 -f1
/TPCCFlat91/warehouse_1.dat.062

DDL/GEN_WAREHOUSE_062_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 62 -r 320001 640000 -f1
/TPCCFlat92/warehouse_2.dat.062

DDL/GEN_WAREHOUSE_062_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 62 -r 640001 960000 -f1
/TPCCFlat93/warehouse_3.dat.062

DDL/GEN_WAREHOUSE_063_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 63 -r 1 320000 -f1
/TPCCFlat94/warehouse_1.dat.063

DDL/GEN_WAREHOUSE_063_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 63 -r 320001 640000 -f1
/TPCCFlat95/warehouse_2.dat.063

DDL/GEN_WAREHOUSE_063_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 63 -r 640001 960000 -f1
/TPCCFlat96/warehouse_3.dat.063

DDL/GEN_WAREHOUSE_064_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 64 -r 1 320000 -f1
/TPCCFlat1/warehouse_1.dat.064

DDL/GEN_WAREHOUSE_064_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 64 -r 320001 640000 -f1
/TPCCFlat2/warehouse_2.dat.064

DDL/GEN_WAREHOUSE_064_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 64 -r 640001 960000 -f1
/TPCCFlat3/warehouse_3.dat.064

DDL/GEN_WAREHOUSE_065_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 65 -r 1 320000 -f1
/TPCCFlat4/warehouse_1.dat.065

DDL/GEN_WAREHOUSE_065_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 65 -r 320001 640000 -f1
/TPCCFlat5/warehouse_2.dat.065

DDL/GEN_WAREHOUSE_065_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 65 -r 640001 960000 -f1
/TPCCFlat6/warehouse_3.dat.065

DDL/GEN_WAREHOUSE_066_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 66 -r 1 320000 -f1
/TPCCFlat7/warehouse_1.dat.066

DDL/GEN_WAREHOUSE_066_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 66 -r 320001 640000 -f1
/TPCCFlat8/warehouse_2.dat.066

DDL/GEN_WAREHOUSE_066_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 66 -r 640001 960000 -f1
/TPCCFlat9/warehouse_3.dat.066

DDL/GEN_WAREHOUSE_067_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 67 -r 1 320000 -f1
/TPCCFlat10/warehouse_1.dat.067

DDL/GEN_WAREHOUSE_067_2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 67 -r 320001 640000 -f1
/TPCCFlat11/warehouse_2.dat.067

DDL/GEN_WAREHOUSE_067_3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 67 -r 640001 960000 -f1
/TPCCFlat12/warehouse_3.dat.067

DDL/GEN_WAREHOUSE_068_1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 68 -r 1 320000 -f1
/TPCCFlat13/warehouse_1.dat.068

DDL/GEN WAREHOUSE 068 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 68 -r 320001 640000 -f1
/TPCCFlat14/warehouse_2.dat.068

DDL/GEN WAREHOUSE 068 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 68 -r 640001 960000 -f1
/TPCCFlat15/warehouse_3.dat.068

DDL/GEN WAREHOUSE 069 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 69 -r 1 320000 -f1
/TPCCFlat16/warehouse_1.dat.069

DDL/GEN WAREHOUSE 069 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 69 -r 320001 640000 -f1
/TPCCFlat17/warehouse_2.dat.069

DDL/GEN WAREHOUSE 069 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 69 -r 640001 960000 -f1
/TPCCFlat18/warehouse_3.dat.069

DDL/GEN WAREHOUSE 070 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 70 -r 1 320000 -f1
/TPCCFlat19/warehouse_1.dat.070

DDL/GEN WAREHOUSE 070 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 70 -r 320001 640000 -f1
/TPCCFlat20/warehouse_2.dat.070

DDL/GEN WAREHOUSE 070 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 70 -r 640001 960000 -f1
/TPCCFlat21/warehouse_3.dat.070

DDL/GEN WAREHOUSE 071 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 71 -r 1 320000 -f1
/TPCCFlat22/warehouse_1.dat.071

DDL/GEN WAREHOUSE 071 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 71 -r 320001 640000 -f1
/TPCCFlat23/warehouse_2.dat.071

DDL/GEN WAREHOUSE 071 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 71 -r 640001 960000 -f1
/TPCCFlat24/warehouse_3.dat.071

DDL/GEN WAREHOUSE 072 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 72 -r 1 320000 -f1
/TPCCFlat25/warehouse_1.dat.072

DDL/GEN WAREHOUSE 072 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 72 -r 320001 640000 -f1
/TPCCFlat26/warehouse_2.dat.072

DDL/GEN WAREHOUSE 072 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 72 -r 640001 960000 -f1
/TPCCFlat27/warehouse_3.dat.072

DDL/GEN WAREHOUSE 073 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 73 -r 1 320000 -f1
/TPCCFlat28/warehouse_1.dat.073

DDL/GEN WAREHOUSE 073 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 73 -r 320001 640000 -f1
/TPCCFlat29/warehouse_2.dat.073

DDL/GEN WAREHOUSE 073 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 73 -r 640001 960000 -f1
/TPCCFlat30/warehouse_3.dat.073

DDL/GEN WAREHOUSE 074 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 74 -r 1 320000 -f1
/TPCCFlat31/warehouse_1.dat.074

DDL/GEN WAREHOUSE 074 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 74 -r 320001 640000 -f1
/TPCCFlat32/warehouse_2.dat.074

DDL/GEN WAREHOUSE 074 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 74 -r 640001 960000 -f1
/TPCCFlat33/warehouse_3.dat.074

DDL/GEN WAREHOUSE 075 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 75 -r 1 320000 -f1
/TPCCFlat34/warehouse_1.dat.075

DDL/GEN WAREHOUSE 075 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 75 -r 320001 640000 -f1
/TPCCFlat35/warehouse_2.dat.075

DDL/GEN WAREHOUSE 075 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 75 -r 640001 960000 -f1
/TPCCFlat36/warehouse_3.dat.075

DDL/GEN WAREHOUSE 076 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 76 -r 1 320000 -f1
/TPCCFlat37/warehouse_1.dat.076

DDL/GEN WAREHOUSE 076 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 76 -r 320001 640000 -f1
/TPCCFlat38/warehouse_2.dat.076

DDL/GEN WAREHOUSE 076 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 76 -r 640001 960000 -f1
/TPCCFlat39/warehouse_3.dat.076

DDL/GEN WAREHOUSE 077 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 77 -r 1 320000 -f1
/TPCCFlat40/warehouse_1.dat.077

DDL/GEN WAREHOUSE 077 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 77 -r 320001 640000 -f1
/TPCCFlat41/warehouse_2.dat.077

DDL/GEN WAREHOUSE 077 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 77 -r 640001 960000 -f1
/TPCCFlat42/warehouse_3.dat.077

DDL/GEN WAREHOUSE 078 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 78 -r 1 320000 -f1
/TPCCFlat43/warehouse_1.dat.078

DDL/GEN WAREHOUSE 078 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 78 -r 320001 640000 -f1
/TPCCFlat44/warehouse_2.dat.078

DDL/GEN WAREHOUSE 078 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 78 -r 640001 960000 -f1
/TPCCFlat45/warehouse_3.dat.078

DDL/GEN WAREHOUSE 079 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 79 -r 1 320000 -f1
/TPCCFlat46/warehouse_1.dat.079

DDL/GEN WAREHOUSE 079 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 79 -r 320001 640000 -f1
/TPCCFlat47/warehouse_2.dat.079

DDL/GEN WAREHOUSE 079 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 79 -r 640001 960000 -f1
/TPCCFlat48/warehouse_3.dat.079

DDL/GEN WAREHOUSE 080 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 80 -r 1 320000 -f1
/TPCCFlat49/warehouse_1.dat.080

DDL/GEN WAREHOUSE 080 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 80 -r 320001 640000 -f1
/TPCCFlat50/warehouse_2.dat.080

DDL/GEN WAREHOUSE 080 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 80 -r 640001 960000 -f1
/TPCCFlat51/warehouse_3.dat.080

DDL/GEN WAREHOUSE 081 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 81 -r 1 320000 -f1
/TPCCFlat52/warehouse_1.dat.081

DDL/GEN WAREHOUSE 081 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 81 -r 320001 640000 -f1
/TPCCFlat53/warehouse_2.dat.081

DDL/GEN WAREHOUSE 081 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 81 -r 640001 960000 -f1
/TPCCFlat54/warehouse_3.dat.081

DDL/GEN WAREHOUSE 082 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 82 -r 1 320000 -f1
/TPCCFlat55/warehouse_1.dat.082

DDL/GEN WAREHOUSE 082 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 82 -r 320001 640000 -f1
/TPCCFlat56/warehouse_2.dat.082

DDL/GEN WAREHOUSE 082 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 82 -r 640001 960000 -f1
/TPCCFlat57/warehouse_3.dat.082

DDL/GEN WAREHOUSE 083 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 83 -r 1 320000 -f1
/TPCCFlat58/warehouse_1.dat.083

DDL/GEN WAREHOUSE 083 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 83 -r 320001 640000 -f1
/TPCCFlat59/warehouse_2.dat.083

DDL/GEN WAREHOUSE 083 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 83 -r 640001 960000 -f1
/TPCCFlat60/warehouse_3.dat.083

DDL/GEN WAREHOUSE 084 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 84 -r 1 320000 -f1
/TPCCFlat61/warehouse_1.dat.084

DDL/GEN WAREHOUSE 084 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 84 -r 320001 640000 -f1
/TPCCFlat62/warehouse_2.dat.084

DDL/GEN WAREHOUSE 084 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 84 -r 640001 960000 -f1
/TPCCFlat63/warehouse_3.dat.084

DDL/GEN WAREHOUSE 085 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 85 -r 1 320000 -f1
/TPCCFlat64/warehouse_1.dat.085

DDL/GEN WAREHOUSE 085 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 85 -r 320001 640000 -f1
/TPCCFlat65/warehouse_2.dat.085

DDL/GEN WAREHOUSE 085 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 85 -r 640001 960000 -f1
/TPCCFlat66/warehouse_3.dat.085

DDL/GEN WAREHOUSE 086 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 86 -r 1 320000 -f1
/TPCCFlat67/warehouse_1.dat.086

DDL/GEN WAREHOUSE 086 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 86 -r 320001 640000 -f1
/TPCCFlat68/warehouse_2.dat.086

DDL/GEN WAREHOUSE 086 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 86 -r 640001 960000 -f1
/TPCCFlat69/warehouse_3.dat.086

DDL/GEN WAREHOUSE 087 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 87 -r 1 320000 -f1
/TPCCFlat70/warehouse_1.dat.087

DDL/GEN WAREHOUSE 087 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 87 -r 320001 640000 -f1
/TPCCFlat71/warehouse_2.dat.087

DDL/GEN WAREHOUSE 087 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 87 -r 640001 960000 -f1
/TPCCFlat72/warehouse_3.dat.087

DDL/GEN WAREHOUSE 088 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 88 -r 1 320000 -f1
/TPCCFlat73/warehouse_1.dat.088

DDL/GEN WAREHOUSE 088 2.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 88 -r 320001 640000 -f1
/TPCCFlat74/warehouse_2.dat.088

DDL/GEN WAREHOUSE 088 3.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 88 -r 640001 960000 -f1
/TPCCFlat75/warehouse_3.dat.088

DDL/GEN WAREHOUSE 089 1.sh

/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 89 -r 1 320000 -f1
/TPCCFlat76/warehouse_1.dat.089

DDL/GEN WAREHOUSE 089 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 89 -r 320001 640000 -f1  
/TPCCFlat77/warehouse_2.dat.089
```

DDL/GEN WAREHOUSE 089 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 89 -r 640001 960000 -f1  
/TPCCFlat78/warehouse_3.dat.089
```

DDL/GEN WAREHOUSE 090 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 90 -r 1 320000 -f1  
/TPCCFlat79/warehouse_1.dat.090
```

DDL/GEN WAREHOUSE 090 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 90 -r 320001 640000 -f1  
/TPCCFlat80/warehouse_2.dat.090
```

DDL/GEN WAREHOUSE 090 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 90 -r 640001 960000 -f1  
/TPCCFlat81/warehouse_3.dat.090
```

DDL/GEN WAREHOUSE 091 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 91 -r 1 320000 -f1  
/TPCCFlat82/warehouse_1.dat.091
```

DDL/GEN WAREHOUSE 091 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 91 -r 320001 640000 -f1  
/TPCCFlat83/warehouse_2.dat.091
```

DDL/GEN WAREHOUSE 091 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 91 -r 640001 960000 -f1  
/TPCCFlat84/warehouse_3.dat.091
```

DDL/GEN WAREHOUSE 092 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 92 -r 1 320000 -f1  
/TPCCFlat85/warehouse_1.dat.092
```

DDL/GEN WAREHOUSE 092 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 92 -r 320001 640000 -f1  
/TPCCFlat86/warehouse_2.dat.092
```

DDL/GEN WAREHOUSE 092 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 92 -r 640001 960000 -f1  
/TPCCFlat87/warehouse_3.dat.092
```

DDL/GEN WAREHOUSE 093 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 93 -r 1 320000 -f1  
/TPCCFlat88/warehouse_1.dat.093
```

DDL/GEN WAREHOUSE 093 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 93 -r 320001 640000 -f1  
/TPCCFlat89/warehouse_2.dat.093
```

DDL/GEN WAREHOUSE 093 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 93 -r 640001 960000 -f1  
/TPCCFlat90/warehouse_3.dat.093
```

DDL/GEN WAREHOUSE 094 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 94 -r 1 320000 -f1  
/TPCCFlat91/warehouse_1.dat.094
```

DDL/GEN WAREHOUSE 094 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 94 -r 320001 640000 -f1  
/TPCCFlat92/warehouse_2.dat.094
```

DDL/GEN WAREHOUSE 094 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 94 -r 640001 960000 -f1  
/TPCCFlat93/warehouse_3.dat.094
```

DDL/GEN WAREHOUSE 095 1.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 95 -r 1 320000 -f1  
/TPCCFlat94/warehouse_1.dat.095
```

DDL/GEN WAREHOUSE 095 2.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 95 -r 320001 640000 -f1  
/TPCCFlat95/warehouse_2.dat.095
```

DDL/GEN WAREHOUSE 095 3.sh

```
/home/tpcc/tpcc21/dbgen/gendata -t 3 -n 95 -r 640001 960000 -f1  
/TPCCFlat96/warehouse_3.dat.095
```

DDL/LOAD CUSTOMER 000 1.ddl

```
CONNECT TO TPCC0 IN SHARE MODE;
```

```
IMPORT FROM /TPCCFlat1/customer_1.dat.000 OF DEL MODIFIED BY  
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS  
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO  
CUSTOMER;  
COMMIT WORK;  
CONNECT RESET;
```

DDL/LOAD CUSTOMER 000 2.ddl

```
CONNECT TO TPCC0 IN SHARE MODE;  
IMPORT FROM /TPCCFlat2/customer_2.dat.000 OF DEL MODIFIED BY  
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS  
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO  
CUSTOMER;  
COMMIT WORK;  
CONNECT RESET;
```

DDL/LOAD CUSTOMER 000 3.ddl

```
CONNECT TO TPCC0 IN SHARE MODE;  
IMPORT FROM /TPCCFlat3/customer_3.dat.000 OF DEL MODIFIED BY  
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS  
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO  
CUSTOMER;  
COMMIT WORK;  
CONNECT RESET;
```

DDL/LOAD CUSTOMER 001 1.ddl

```
CONNECT TO TPCC1 IN SHARE MODE;  
IMPORT FROM /TPCCFlat4/customer_1.dat.001 OF DEL MODIFIED BY  
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS  
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO  
CUSTOMER;  
COMMIT WORK;  
CONNECT RESET;
```

DDL/LOAD CUSTOMER 001 2.ddl

```
CONNECT TO TPCC1 IN SHARE MODE;  
IMPORT FROM /TPCCFlat5/customer_2.dat.001 OF DEL MODIFIED BY  
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS  
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO  
CUSTOMER;  
COMMIT WORK;  
CONNECT RESET;
```

DDL/LOAD CUSTOMER 001 3.ddl

```
CONNECT TO TPCC1 IN SHARE MODE;  
IMPORT FROM /TPCCFlat6/customer_3.dat.001 OF DEL MODIFIED BY  
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS  
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO  
CUSTOMER;  
COMMIT WORK;  
CONNECT RESET;
```

DDL/LOAD CUSTOMER 002 1.ddl

```
CONNECT TO TPCC2 IN SHARE MODE;
```



```
IMPORT FROM /TPCCFlat85/customer_1.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
CUSTOMER;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD CUSTOMER 092 2.ddl

```
CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat86/customer_2.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
CUSTOMER;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD CUSTOMER 092 3.ddl

```
CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat87/customer_3.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
CUSTOMER;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD CUSTOMER 093 1.ddl

```
CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat88/customer_1.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
CUSTOMER;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD CUSTOMER 093 2.ddl

```
CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat89/customer_2.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
CUSTOMER;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD CUSTOMER 093 3.ddl

```
CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat90/customer_3.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
CUSTOMER;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD CUSTOMER 094 1.ddl

```
CONNECT TO TPCC94 IN SHARE MODE;
```

```
IMPORT FROM /TPCCFlat91/customer_1.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
CUSTOMER;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD CUSTOMER 094 2.ddl

```
CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat92/customer_2.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
CUSTOMER;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD CUSTOMER 094 3.ddl

```
CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat93/customer_3.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
CUSTOMER;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD CUSTOMER 095 1.ddl

```
CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat94/customer_1.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
CUSTOMER;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD CUSTOMER 095 2.ddl

```
CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat95/customer_2.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
CUSTOMER;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD CUSTOMER 095 3.ddl

```
CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat96/customer_3.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
CUSTOMER;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 000 1.ddl

```
CONNECT TO TPCC0 IN SHARE MODE;
```

```
IMPORT FROM /TPCCFlat1/district_1.dat.000 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 000 2.ddl

```
CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat2/district_2.dat.000 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 000 3.ddl

```
CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat3/district_3.dat.000 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 001 1.ddl

```
CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat4/district_1.dat.001 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 001 2.ddl

```
CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat5/district_2.dat.001 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 001 3.ddl

```
CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat6/district_3.dat.001 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 002 1.ddl

```
CONNECT TO TPCC2 IN SHARE MODE;
```



```
IMPORT FROM /TPCCFlat85/district_1.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 092 2.ddl

```
CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat86/district_2.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 092 3.ddl

```
CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat87/district_3.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 093 1.ddl

```
CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat88/district_1.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 093 2.ddl

```
CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat89/district_2.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 093 3.ddl

```
CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat90/district_3.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 094 1.ddl

```
CONNECT TO TPCC94 IN SHARE MODE;
```

```
IMPORT FROM /TPCCFlat91/district_1.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 094 2.ddl

```
CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat92/district_2.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 094 3.ddl

```
CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat93/district_3.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 095 1.ddl

```
CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat94/district_1.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 095 2.ddl

```
CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat95/district_2.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD DISTRICT 095 3.ddl

```
CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat96/district_3.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
DISTRICT;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 000 1.ddl

```
CONNECT TO TPCC0 IN SHARE MODE;
```

```
IMPORT FROM /TPCCFlat1/history_1.dat.000 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 000 2.ddl

```
CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat2/history_2.dat.000 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 000 3.ddl

```
CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat3/history_3.dat.000 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 001 1.ddl

```
CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat4/history_1.dat.001 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 001 2.ddl

```
CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat5/history_2.dat.001 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 001 3.ddl

```
CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat6/history_3.dat.001 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 002 1.ddl

```
CONNECT TO TPCC2 IN SHARE MODE;
```



```
IMPORT FROM /TPCCFlat91/history_1.dat.062 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 062 2.ddl

```
CONNECT TO TPCC62 IN SHARE MODE;
IMPORT FROM /TPCCFlat92/history_2.dat.062 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 062 3.ddl

```
CONNECT TO TPCC62 IN SHARE MODE;
IMPORT FROM /TPCCFlat93/history_3.dat.062 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 063 1.ddl

```
CONNECT TO TPCC63 IN SHARE MODE;
IMPORT FROM /TPCCFlat94/history_1.dat.063 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 063 2.ddl

```
CONNECT TO TPCC63 IN SHARE MODE;
IMPORT FROM /TPCCFlat95/history_2.dat.063 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 063 3.ddl

```
CONNECT TO TPCC63 IN SHARE MODE;
IMPORT FROM /TPCCFlat96/history_3.dat.063 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 064 1.ddl

```
CONNECT TO TPCC64 IN SHARE MODE;
```

```
IMPORT FROM /TPCCFlat1/history_1.dat.064 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 064 2.ddl

```
CONNECT TO TPCC64 IN SHARE MODE;
IMPORT FROM /TPCCFlat2/history_2.dat.064 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 064 3.ddl

```
CONNECT TO TPCC64 IN SHARE MODE;
IMPORT FROM /TPCCFlat3/history_3.dat.064 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 065 1.ddl

```
CONNECT TO TPCC65 IN SHARE MODE;
IMPORT FROM /TPCCFlat4/history_1.dat.065 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 065 2.ddl

```
CONNECT TO TPCC65 IN SHARE MODE;
IMPORT FROM /TPCCFlat5/history_2.dat.065 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 065 3.ddl

```
CONNECT TO TPCC65 IN SHARE MODE;
IMPORT FROM /TPCCFlat6/history_3.dat.065 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 066 1.ddl

```
CONNECT TO TPCC66 IN SHARE MODE;
```

```
IMPORT FROM /TPCCFlat7/history_1.dat.066 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 066 2.ddl

```
CONNECT TO TPCC66 IN SHARE MODE;
IMPORT FROM /TPCCFlat8/history_2.dat.066 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 066 3.ddl

```
CONNECT TO TPCC66 IN SHARE MODE;
IMPORT FROM /TPCCFlat9/history_3.dat.066 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 067 1.ddl

```
CONNECT TO TPCC67 IN SHARE MODE;
IMPORT FROM /TPCCFlat10/history_1.dat.067 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 067 2.ddl

```
CONNECT TO TPCC67 IN SHARE MODE;
IMPORT FROM /TPCCFlat11/history_2.dat.067 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 067 3.ddl

```
CONNECT TO TPCC67 IN SHARE MODE;
IMPORT FROM /TPCCFlat12/history_3.dat.067 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 068 1.ddl

```
CONNECT TO TPCC68 IN SHARE MODE;
```



```
IMPORT FROM /TPCCFlat85/history_1.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 092 2.ddl

```
CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat86/history_2.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 092 3.ddl

```
CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat87/history_3.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 093 1.ddl

```
CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat88/history_1.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 093 2.ddl

```
CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat89/history_2.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 093 3.ddl

```
CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat90/history_3.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 094 1.ddl

```
CONNECT TO TPCC94 IN SHARE MODE;
```

```
IMPORT FROM /TPCCFlat91/history_1.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 094 2.ddl

```
CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat92/history_2.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 094 3.ddl

```
CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat93/history_3.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 095 1.ddl

```
CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat94/history_1.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 095 2.ddl

```
CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat95/history_2.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD HISTORY 095 3.ddl

```
CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat96/history_3.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
HISTORY;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ITEM 000 1.ddl

```
CONNECT TO TPCC0 IN SHARE MODE;
```

```
IMPORT FROM /TPCCFlat1/item_1.dat.000 OF DEL MODIFIED BY COLDEL|
TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS COMPOUND=50
COMMITCOUNT 1000 INSERT INTO ITEM;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD NEW ORDER 000 1.ddl

```
CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat1/neworder_1.dat.000 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD NEW ORDER 000 2.ddl

```
CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat2/neworder_2.dat.000 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD NEW ORDER 000 3.ddl

```
CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat3/neworder_3.dat.000 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD NEW ORDER 001 1.ddl

```
CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat4/neworder_1.dat.001 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD NEW ORDER 001 2.ddl

```
CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat5/neworder_2.dat.001 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD NEW ORDER 001 3.ddl

```
CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat6/neworder_3.dat.001 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
```


COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD NEW ORDER 092 1.ddl

CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat85/neworder_1.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD NEW ORDER 092 2.ddl

CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat86/neworder_2.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD NEW ORDER 092 3.ddl

CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat87/neworder_3.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD NEW ORDER 093 1.ddl

CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat88/neworder_1.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD NEW ORDER 093 2.ddl

CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat89/neworder_2.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD NEW ORDER 093 3.ddl

CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat90/neworder_3.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD NEW ORDER 094 1.ddl

CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat91/neworder_1.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD NEW ORDER 094 2.ddl

CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat92/neworder_2.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD NEW ORDER 094 3.ddl

CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat93/neworder_3.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD NEW ORDER 095 1.ddl

CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat94/neworder_1.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD NEW ORDER 095 2.ddl

CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat95/neworder_2.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD NEW ORDER 095 3.ddl

CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat96/neworder_3.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
NEW_ORDER;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 000 1.ddl

CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat1/orders_1.dat.000 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 000 2.ddl

CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat2/orders_2.dat.000 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 000 3.ddl

CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat3/orders_3.dat.000 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 001 1.ddl

CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat4/orders_1.dat.001 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 001 2.ddl

CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat5/orders_2.dat.001 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 001 3.ddl

CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat6/orders_3.dat.001 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 008 1.ddl

CONNECT TO TPCC8 IN SHARE MODE;
IMPORT FROM /TPCCFlat25/orders_1.dat.008 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 008 2.ddl

CONNECT TO TPCC8 IN SHARE MODE;
IMPORT FROM /TPCCFlat26/orders_2.dat.008 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 008 3.ddl

CONNECT TO TPCC8 IN SHARE MODE;
IMPORT FROM /TPCCFlat27/orders_3.dat.008 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 009 1.ddl

CONNECT TO TPCC9 IN SHARE MODE;
IMPORT FROM /TPCCFlat28/orders_1.dat.009 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 009 2.ddl

CONNECT TO TPCC9 IN SHARE MODE;
IMPORT FROM /TPCCFlat29/orders_2.dat.009 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 009 3.ddl

CONNECT TO TPCC9 IN SHARE MODE;
IMPORT FROM /TPCCFlat30/orders_3.dat.009 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 010 1.ddl

CONNECT TO TPCC10 IN SHARE MODE;
IMPORT FROM /TPCCFlat31/orders_1.dat.010 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 010 2.ddl

CONNECT TO TPCC10 IN SHARE MODE;
IMPORT FROM /TPCCFlat32/orders_2.dat.010 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 010 3.ddl

CONNECT TO TPCC10 IN SHARE MODE;
IMPORT FROM /TPCCFlat33/orders_3.dat.010 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 011 1.ddl

CONNECT TO TPCC11 IN SHARE MODE;
IMPORT FROM /TPCCFlat34/orders_1.dat.011 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 011 2.ddl

CONNECT TO TPCC11 IN SHARE MODE;
IMPORT FROM /TPCCFlat35/orders_2.dat.011 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 011 3.ddl

CONNECT TO TPCC11 IN SHARE MODE;
IMPORT FROM /TPCCFlat36/orders_3.dat.011 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 012 1.ddl

CONNECT TO TPCC12 IN SHARE MODE;
IMPORT FROM /TPCCFlat37/orders_1.dat.012 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 012 2.ddl

CONNECT TO TPCC12 IN SHARE MODE;
IMPORT FROM /TPCCFlat38/orders_2.dat.012 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 012 3.ddl

CONNECT TO TPCC12 IN SHARE MODE;
IMPORT FROM /TPCCFlat39/orders_3.dat.012 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 013 1.ddl

CONNECT TO TPCC13 IN SHARE MODE;
IMPORT FROM /TPCCFlat40/orders_1.dat.013 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 013 2.ddl

CONNECT TO TPCC13 IN SHARE MODE;
IMPORT FROM /TPCCFlat41/orders_2.dat.013 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 013 3.ddl

CONNECT TO TPCC13 IN SHARE MODE;
IMPORT FROM /TPCCFlat42/orders_3.dat.013 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS


```
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 062 1.ddl

```
CONNECT TO TPCC62 IN SHARE MODE;
IMPORT FROM /TPCCFlat91/orders_1.dat.062 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 062 2.ddl

```
CONNECT TO TPCC62 IN SHARE MODE;
IMPORT FROM /TPCCFlat92/orders_2.dat.062 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 062 3.ddl

```
CONNECT TO TPCC62 IN SHARE MODE;
IMPORT FROM /TPCCFlat93/orders_3.dat.062 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 063 1.ddl

```
CONNECT TO TPCC63 IN SHARE MODE;
IMPORT FROM /TPCCFlat94/orders_1.dat.063 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 063 2.ddl

```
CONNECT TO TPCC63 IN SHARE MODE;
IMPORT FROM /TPCCFlat95/orders_2.dat.063 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 063 3.ddl

```
CONNECT TO TPCC63 IN SHARE MODE;
IMPORT FROM /TPCCFlat96/orders_3.dat.063 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
```

```
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 064 1.ddl

```
CONNECT TO TPCC64 IN SHARE MODE;
IMPORT FROM /TPCCFlat1/orders_1.dat.064 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 064 2.ddl

```
CONNECT TO TPCC64 IN SHARE MODE;
IMPORT FROM /TPCCFlat2/orders_2.dat.064 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 064 3.ddl

```
CONNECT TO TPCC64 IN SHARE MODE;
IMPORT FROM /TPCCFlat3/orders_3.dat.064 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 065 1.ddl

```
CONNECT TO TPCC65 IN SHARE MODE;
IMPORT FROM /TPCCFlat4/orders_1.dat.065 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 065 2.ddl

```
CONNECT TO TPCC65 IN SHARE MODE;
IMPORT FROM /TPCCFlat5/orders_2.dat.065 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 065 3.ddl

```
CONNECT TO TPCC65 IN SHARE MODE;
IMPORT FROM /TPCCFlat6/orders_3.dat.065 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
```

```
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 066 1.ddl

```
CONNECT TO TPCC66 IN SHARE MODE;
IMPORT FROM /TPCCFlat7/orders_1.dat.066 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 066 2.ddl

```
CONNECT TO TPCC66 IN SHARE MODE;
IMPORT FROM /TPCCFlat8/orders_2.dat.066 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 066 3.ddl

```
CONNECT TO TPCC66 IN SHARE MODE;
IMPORT FROM /TPCCFlat9/orders_3.dat.066 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 067 1.ddl

```
CONNECT TO TPCC67 IN SHARE MODE;
IMPORT FROM /TPCCFlat10/orders_1.dat.067 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 067 2.ddl

```
CONNECT TO TPCC67 IN SHARE MODE;
IMPORT FROM /TPCCFlat11/orders_2.dat.067 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD ORDERS 067 3.ddl

```
CONNECT TO TPCC67 IN SHARE MODE;
IMPORT FROM /TPCCFlat12/orders_3.dat.067 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
```


COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 092 1.ddl

CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat85/orders_1.dat.092 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 092 2.ddl

CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat86/orders_2.dat.092 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 092 3.ddl

CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat87/orders_3.dat.092 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 093 1.ddl

CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat88/orders_1.dat.093 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 093 2.ddl

CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat89/orders_2.dat.093 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 093 3.ddl

CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat90/orders_3.dat.093 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 094 1.ddl

CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat91/orders_1.dat.094 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 094 2.ddl

CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat92/orders_2.dat.094 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 094 3.ddl

CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat93/orders_3.dat.094 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 095 1.ddl

CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat94/orders_1.dat.095 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 095 2.ddl

CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat95/orders_2.dat.095 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDERS 095 3.ddl

CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat96/orders_3.dat.095 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
ORDERS;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 000 1.ddl

CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat1/orderline_1.dat.000 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 000 2.ddl

CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat2/orderline_2.dat.000 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 000 3.ddl

CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat3/orderline_3.dat.000 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 001 1.ddl

CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat4/orderline_1.dat.001 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 001 2.ddl

CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat5/orderline_2.dat.001 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 001 3.ddl

CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat6/orderline_3.dat.001 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 092 1.ddl

CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat85/orderline_1.dat.092 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 092 2.ddl

CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat86/orderline_2.dat.092 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 092 3.ddl

CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat87/orderline_3.dat.092 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 093 1.ddl

CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat88/orderline_1.dat.093 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 093 2.ddl

CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat89/orderline_2.dat.093 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 093 3.ddl

CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat90/orderline_3.dat.093 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 094 1.ddl

CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat91/orderline_1.dat.094 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 094 2.ddl

CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat92/orderline_2.dat.094 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 094 3.ddl

CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat93/orderline_3.dat.094 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 095 1.ddl

CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat94/orderline_1.dat.095 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 095 2.ddl

CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat95/orderline_2.dat.095 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD ORDER LINE 095 3.ddl

CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat96/orderline_3.dat.095 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
ORDER_LINE;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 000 1.ddl

CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat1/stock_1.dat.000 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 000 2.ddl

CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat2/stock_2.dat.000 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 000 3.ddl

CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat3/stock_3.dat.000 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 001 1.ddl

CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat4/stock_1.dat.001 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 001 2.ddl

CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat5/stock_2.dat.001 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 001 3.ddl

CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat6/stock_3.dat.001 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 002 1.ddl

CONNECT TO TPCC2 IN SHARE MODE;
IMPORT FROM /TPCCFlat7/stock_1.dat.002 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 002 2.ddl

CONNECT TO TPCC2 IN SHARE MODE;
IMPORT FROM /TPCCFlat8/stock_2.dat.002 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 002 3.ddl

CONNECT TO TPCC2 IN SHARE MODE;
IMPORT FROM /TPCCFlat9/stock_3.dat.002 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 003 1.ddl

CONNECT TO TPCC3 IN SHARE MODE;
IMPORT FROM /TPCCFlat10/stock_1.dat.003 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 003 2.ddl

CONNECT TO TPCC3 IN SHARE MODE;
IMPORT FROM /TPCCFlat11/stock_2.dat.003 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 003 3.ddl

CONNECT TO TPCC3 IN SHARE MODE;
IMPORT FROM /TPCCFlat12/stock_3.dat.003 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 004 1.ddl

CONNECT TO TPCC4 IN SHARE MODE;
IMPORT FROM /TPCCFlat13/stock_1.dat.004 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 004 2.ddl

CONNECT TO TPCC4 IN SHARE MODE;
IMPORT FROM /TPCCFlat14/stock_2.dat.004 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 004 3.ddl

CONNECT TO TPCC4 IN SHARE MODE;
IMPORT FROM /TPCCFlat15/stock_3.dat.004 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 005 1.ddl

CONNECT TO TPCC5 IN SHARE MODE;
IMPORT FROM /TPCCFlat16/stock_1.dat.005 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 005 2.ddl

CONNECT TO TPCC5 IN SHARE MODE;
IMPORT FROM /TPCCFlat17/stock_2.dat.005 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 005 3.ddl

CONNECT TO TPCC5 IN SHARE MODE;
IMPORT FROM /TPCCFlat18/stock_3.dat.005 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 006 1.ddl

CONNECT TO TPCC6 IN SHARE MODE;
IMPORT FROM /TPCCFlat19/stock_1.dat.006 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 006 2.ddl

CONNECT TO TPCC6 IN SHARE MODE;
IMPORT FROM /TPCCFlat20/stock_2.dat.006 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 006 3.ddl

CONNECT TO TPCC6 IN SHARE MODE;
IMPORT FROM /TPCCFlat21/stock_3.dat.006 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 007 1.ddl

CONNECT TO TPCC7 IN SHARE MODE;
IMPORT FROM /TPCCFlat22/stock_1.dat.007 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 007 2.ddl

CONNECT TO TPCC7 IN SHARE MODE;
IMPORT FROM /TPCCFlat23/stock_2.dat.007 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 007 3.ddl

CONNECT TO TPCC7 IN SHARE MODE;
IMPORT FROM /TPCCFlat24/stock_3.dat.007 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 008 1.ddl

CONNECT TO TPCC8 IN SHARE MODE;
IMPORT FROM /TPCCFlat25/stock_1.dat.008 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 008 2.ddl

CONNECT TO TPCC8 IN SHARE MODE;
IMPORT FROM /TPCCFlat26/stock_2.dat.008 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 008 3.ddl

CONNECT TO TPCC8 IN SHARE MODE;
IMPORT FROM /TPCCFlat27/stock_3.dat.008 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 009 1.ddl

CONNECT TO TPCC9 IN SHARE MODE;
IMPORT FROM /TPCCFlat28/stock_1.dat.009 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 009 2.ddl

CONNECT TO TPCC9 IN SHARE MODE;
IMPORT FROM /TPCCFlat29/stock_2.dat.009 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 009 3.ddl

CONNECT TO TPCC9 IN SHARE MODE;
IMPORT FROM /TPCCFlat30/stock_3.dat.009 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 010 1.ddl

CONNECT TO TPCC10 IN SHARE MODE;
IMPORT FROM /TPCCFlat31/stock_1.dat.010 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 010 2.ddl

CONNECT TO TPCC10 IN SHARE MODE;
IMPORT FROM /TPCCFlat32/stock_2.dat.010 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 010 3.ddl

CONNECT TO TPCC10 IN SHARE MODE;
IMPORT FROM /TPCCFlat33/stock_3.dat.010 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 011 1.ddl

CONNECT TO TPCC11 IN SHARE MODE;
IMPORT FROM /TPCCFlat34/stock_1.dat.011 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 011 2.ddl

CONNECT TO TPCC11 IN SHARE MODE;
IMPORT FROM /TPCCFlat35/stock_2.dat.011 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 011 3.ddl

CONNECT TO TPCC11 IN SHARE MODE;
IMPORT FROM /TPCCFlat36/stock_3.dat.011 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 012 1.ddl

CONNECT TO TPCC12 IN SHARE MODE;
IMPORT FROM /TPCCFlat37/stock_1.dat.012 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 012 2.ddl

CONNECT TO TPCC12 IN SHARE MODE;
IMPORT FROM /TPCCFlat38/stock_2.dat.012 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 012 3.ddl

CONNECT TO TPCC12 IN SHARE MODE;
IMPORT FROM /TPCCFlat39/stock_3.dat.012 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 013 1.ddl

CONNECT TO TPCC13 IN SHARE MODE;
IMPORT FROM /TPCCFlat40/stock_1.dat.013 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 013 2.ddl

CONNECT TO TPCC13 IN SHARE MODE;
IMPORT FROM /TPCCFlat41/stock_2.dat.013 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 013 3.ddl

CONNECT TO TPCC13 IN SHARE MODE;
IMPORT FROM /TPCCFlat42/stock_3.dat.013 OF DEL MODIFIED BY COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 032 1.ddl

CONNECT TO TPCC32 IN SHARE MODE;
IMPORT FROM /TPCCFlat1/stock_1.dat.032 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 032 2.ddl

CONNECT TO TPCC32 IN SHARE MODE;
IMPORT FROM /TPCCFlat2/stock_2.dat.032 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 032 3.ddl

CONNECT TO TPCC32 IN SHARE MODE;
IMPORT FROM /TPCCFlat3/stock_3.dat.032 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 033 1.ddl

CONNECT TO TPCC33 IN SHARE MODE;
IMPORT FROM /TPCCFlat4/stock_1.dat.033 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 033 2.ddl

CONNECT TO TPCC33 IN SHARE MODE;
IMPORT FROM /TPCCFlat5/stock_2.dat.033 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 033 3.ddl

CONNECT TO TPCC33 IN SHARE MODE;
IMPORT FROM /TPCCFlat6/stock_3.dat.033 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 034 1.ddl

CONNECT TO TPCC34 IN SHARE MODE;
IMPORT FROM /TPCCFlat7/stock_1.dat.034 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 034 2.ddl

CONNECT TO TPCC34 IN SHARE MODE;
IMPORT FROM /TPCCFlat8/stock_2.dat.034 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 034 3.ddl

CONNECT TO TPCC34 IN SHARE MODE;
IMPORT FROM /TPCCFlat9/stock_3.dat.034 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 035 1.ddl

CONNECT TO TPCC35 IN SHARE MODE;
IMPORT FROM /TPCCFlat10/stock_1.dat.035 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 035 2.ddl

CONNECT TO TPCC35 IN SHARE MODE;
IMPORT FROM /TPCCFlat11/stock_2.dat.035 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 035 3.ddl

CONNECT TO TPCC35 IN SHARE MODE;
IMPORT FROM /TPCCFlat12/stock_3.dat.035 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 036 1.ddl

CONNECT TO TPCC36 IN SHARE MODE;
IMPORT FROM /TPCCFlat13/stock_1.dat.036 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 036 2.ddl

CONNECT TO TPCC36 IN SHARE MODE;
IMPORT FROM /TPCCFlat14/stock_2.dat.036 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 036 3.ddl

CONNECT TO TPCC36 IN SHARE MODE;
IMPORT FROM /TPCCFlat15/stock_3.dat.036 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 037 1.ddl

CONNECT TO TPCC37 IN SHARE MODE;
IMPORT FROM /TPCCFlat16/stock_1.dat.037 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 037 2.ddl

CONNECT TO TPCC37 IN SHARE MODE;
IMPORT FROM /TPCCFlat17/stock_2.dat.037 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 037 3.ddl

CONNECT TO TPCC37 IN SHARE MODE;
IMPORT FROM /TPCCFlat18/stock_3.dat.037 OF DEL MODIFIED BY
COLDEL|TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 062 1.ddl

CONNECT TO TPCC62 IN SHARE MODE;
IMPORT FROM /TPCCFlat91/stock_1.dat.062 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 062 2.ddl

CONNECT TO TPCC62 IN SHARE MODE;
IMPORT FROM /TPCCFlat92/stock_2.dat.062 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 062 3.ddl

CONNECT TO TPCC62 IN SHARE MODE;
IMPORT FROM /TPCCFlat93/stock_3.dat.062 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 063 1.ddl

CONNECT TO TPCC63 IN SHARE MODE;
IMPORT FROM /TPCCFlat94/stock_1.dat.063 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 063 2.ddl

CONNECT TO TPCC63 IN SHARE MODE;
IMPORT FROM /TPCCFlat95/stock_2.dat.063 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 063 3.ddl

CONNECT TO TPCC63 IN SHARE MODE;
IMPORT FROM /TPCCFlat96/stock_3.dat.063 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 064 1.ddl

CONNECT TO TPCC64 IN SHARE MODE;
IMPORT FROM /TPCCFlat1/stock_1.dat.064 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 064 2.ddl

CONNECT TO TPCC64 IN SHARE MODE;
IMPORT FROM /TPCCFlat2/stock_2.dat.064 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 064 3.ddl

CONNECT TO TPCC64 IN SHARE MODE;
IMPORT FROM /TPCCFlat3/stock_3.dat.064 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 065 1.ddl

CONNECT TO TPCC65 IN SHARE MODE;
IMPORT FROM /TPCCFlat4/stock_1.dat.065 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 065 2.ddl

CONNECT TO TPCC65 IN SHARE MODE;
IMPORT FROM /TPCCFlat5/stock_2.dat.065 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 065 3.ddl

CONNECT TO TPCC65 IN SHARE MODE;
IMPORT FROM /TPCCFlat6/stock_3.dat.065 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS

COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 066 1.ddl

CONNECT TO TPCC66 IN SHARE MODE;
IMPORT FROM /TPCCFlat7/stock_1.dat.066 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 066 2.ddl

CONNECT TO TPCC66 IN SHARE MODE;
IMPORT FROM /TPCCFlat8/stock_2.dat.066 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 066 3.ddl

CONNECT TO TPCC66 IN SHARE MODE;
IMPORT FROM /TPCCFlat9/stock_3.dat.066 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 067 1.ddl

CONNECT TO TPCC67 IN SHARE MODE;
IMPORT FROM /TPCCFlat10/stock_1.dat.067 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 067 2.ddl

CONNECT TO TPCC67 IN SHARE MODE;
IMPORT FROM /TPCCFlat11/stock_2.dat.067 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;

DDL/LOAD STOCK 067 3.ddl

CONNECT TO TPCC67 IN SHARE MODE;
IMPORT FROM /TPCCFlat12/stock_3.dat.067 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS


```
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD STOCK 092 1.ddl

```
CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat85/stock_1.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD STOCK 092 2.ddl

```
CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat86/stock_2.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD STOCK 092 3.ddl

```
CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat87/stock_3.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD STOCK 093 1.ddl

```
CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat88/stock_1.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD STOCK 093 2.ddl

```
CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat89/stock_2.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD STOCK 093 3.ddl

```
CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat90/stock_3.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
```

```
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD STOCK 094 1.ddl

```
CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat91/stock_1.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD STOCK 094 2.ddl

```
CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat92/stock_2.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD STOCK 094 3.ddl

```
CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat93/stock_3.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD STOCK 095 1.ddl

```
CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat94/stock_1.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD STOCK 095 2.ddl

```
CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat95/stock_2.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD STOCK 095 3.ddl

```
CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat96/stock_3.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
```

```
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 10000 INSERT INTO
STOCK;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 000 1.ddl

```
CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat1/warehouse_1.dat.000 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 000 2.ddl

```
CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat2/warehouse_2.dat.000 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 000 3.ddl

```
CONNECT TO TPCC0 IN SHARE MODE;
IMPORT FROM /TPCCFlat3/warehouse_3.dat.000 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 001 1.ddl

```
CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat4/warehouse_1.dat.001 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 001 2.ddl

```
CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat5/warehouse_2.dat.001 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 001 3.ddl

```
CONNECT TO TPCC1 IN SHARE MODE;
IMPORT FROM /TPCCFlat6/warehouse_3.dat.001 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
```



```
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 092 1.ddl

```
CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat85/warehouse_1.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 092 2.ddl

```
CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat86/warehouse_2.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 092 3.ddl

```
CONNECT TO TPCC92 IN SHARE MODE;
IMPORT FROM /TPCCFlat87/warehouse_3.dat.092 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 093 1.ddl

```
CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat88/warehouse_1.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 093 2.ddl

```
CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat89/warehouse_2.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 093 3.ddl

```
CONNECT TO TPCC93 IN SHARE MODE;
IMPORT FROM /TPCCFlat90/warehouse_3.dat.093 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
```

```
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 094 1.ddl

```
CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat91/warehouse_1.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 094 2.ddl

```
CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat92/warehouse_2.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 094 3.ddl

```
CONNECT TO TPCC94 IN SHARE MODE;
IMPORT FROM /TPCCFlat93/warehouse_3.dat.094 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 095 1.ddl

```
CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat94/warehouse_1.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 095 2.ddl

```
CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat95/warehouse_2.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/LOAD WAREHOUSE 095 3.ddl

```
CONNECT TO TPCC95 IN SHARE MODE;
IMPORT FROM /TPCCFlat96/warehouse_3.dat.095 OF DEL MODIFIED BY
COLDEL| TIMESTAMPFORMAT="YYYY-MM-DD HH:MM:SS" KEEPBLANKS
```

```
COMPOUND=50 ALLOW WRITE ACCESS COMMITCOUNT 1000 INSERT INTO
WAREHOUSE;
COMMIT WORK;
CONNECT RESET;
```

DDL/RNST CUSTOMER.ddl

```
connect to TPCC in share mode;
RUNSTATS ON TABLE tpcc.CUSTOMER AND INDEXES ALL;
COMMIT WORK;
connect reset;
```

DDL/RNST DISTRICT.ddl

```
connect to TPCC in share mode;
RUNSTATS ON TABLE tpcc.DISTRICT AND INDEXES ALL;
COMMIT WORK;
connect reset;
```

DDL/RNST HISTORY.ddl

```
connect to TPCC in share mode;
RUNSTATS ON TABLE tpcc.HISTORY AND INDEXES ALL;
COMMIT WORK;
connect reset;
```

DDL/RNST ITEM.ddl

```
connect to TPCC in share mode;
RUNSTATS ON TABLE tpcc.ITEM AND INDEXES ALL;
COMMIT WORK;
connect reset;
```

DDL/RNST NEW_ORDER.ddl

```
connect to TPCC in share mode;
RUNSTATS ON TABLE tpcc.NEW_ORDER AND INDEXES ALL;
COMMIT WORK;
connect reset;
```

DDL/RNST ORDERS.ddl

```
connect to TPCC in share mode;
RUNSTATS ON TABLE tpcc.ORDERS AND INDEXES ALL;
COMMIT WORK;
connect reset;
```

DDL/RNST ORDER_LINE.ddl

```
connect to TPCC in share mode;
RUNSTATS ON TABLE tpcc.ORDER_LINE AND INDEXES ALL;
COMMIT WORK;
connect reset;
```

DDL/RNST STOCK.ddl


```
connect to TPCC in share mode;
RUNSTATS ON TABLE tpcc.STOCK AND INDEXES ALL;
COMMIT WORK;
connect reset;
```

DDL/RNST WAREHOUSE.ddl

```
connect to TPCC in share mode;
RUNSTATS ON TABLE tpcc.WAREHOUSE AND INDEXES ALL;
COMMIT WORK;
connect reset;
```

bp/alter_bufferpool.ddl

```
connect to TPCC in share mode;
ALTER BUFFERPOOL IBMDEFAULT16K DEFERRED SIZE 12000;
ALTER BUFFERPOOL DISBP DEFERRED SIZE 3143;
ALTER BUFFERPOOL STKBP DEFERRED SIZE 8817662;
ALTER BUFFERPOOL CSTIBP DEFERRED SIZE 195211;
ALTER BUFFERPOOL ORDIBP DEFERRED SIZE 497297;
ALTER BUFFERPOOL OLNBP DEFERRED SIZE 340000;
ALTER BUFFERPOOL IBMDEFAULTBP DEFERRED SIZE 12000;
ALTER BUFFERPOOL HSTBP DEFERRED SIZE 474;
ALTER BUFFERPOOL ORDBP DEFERRED SIZE 114778;
ALTER BUFFERPOOL NEWBP DEFERRED SIZE 210000;
ALTER BUFFERPOOL IBMDEFAULT8K DEFERRED SIZE 12000;
ALTER BUFFERPOOL ITMBP DEFERRED SIZE 1235;
ALTER BUFFERPOOL WARBP DEFERRED SIZE 298;
ALTER BUFFERPOOL CSTBP DEFERRED SIZE 450000;
connect reset;
```

bp/alter_tablespace.ddl

```
connect to TPCC in share mode;
ALTER TABLESPACE WAR BUFFERPOOL WARBP;
ALTER TABLESPACE DIS BUFFERPOOL DISBP;
ALTER TABLESPACE ITM BUFFERPOOL ITMBP;
ALTER TABLESPACE ITMR BUFFERPOOL ITMBP;
ALTER TABLESPACE STK BUFFERPOOL STKBP;
ALTER TABLESPACE CST BUFFERPOOL CSTBP;
ALTER TABLESPACE CSTI BUFFERPOOL CSTIBP;
ALTER TABLESPACE HST BUFFERPOOL HSTBP;
ALTER TABLESPACE ORD BUFFERPOOL ORDBP;
ALTER TABLESPACE ORDI BUFFERPOOL ORDIBP;
ALTER TABLESPACE OLN BUFFERPOOL OLNBP;
ALTER TABLESPACE NEW BUFFERPOOL NEWBP;
connect reset;
```

bp/create_bufferpool.ddl

```
connect to TPCC in share mode;
CREATE BUFFERPOOL DISBP SIZE 100 PAGESIZE 4096;
CREATE BUFFERPOOL STKBP SIZE 100 PAGESIZE 4096;
CREATE BUFFERPOOL CSTIBP SIZE 100 PAGESIZE 8192;
CREATE BUFFERPOOL ORDIBP SIZE 100 PAGESIZE 8192;
CREATE BUFFERPOOL OLNBP SIZE 100 PAGESIZE 8192;
CREATE BUFFERPOOL HSTBP SIZE 100 PAGESIZE 16384;
CREATE BUFFERPOOL ORDBP SIZE 100 PAGESIZE 8192;
CREATE BUFFERPOOL NEWBP SIZE 100 PAGESIZE 4096;
CREATE BUFFERPOOL ITMBP SIZE 100 PAGESIZE 8192;
CREATE BUFFERPOOL WARBP SIZE 100 PAGESIZE 4096;
CREATE BUFFERPOOL CSTBP SIZE 100 PAGESIZE 4096;
connect reset;
```

bp/create_default_bufferpool.ddl

```
-----
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-----
-- create_bufferpool.ddl.sample - Sample Create Bufferpool DDL
--
connect to tpcc;
alter bufferpool IBMDEFAULTBP size 1000;
create bufferpool IBMDEFAULT8K size 1000 pagesize 8192;
create bufferpool IBMDEFAULT16K size 1000 pagesize 16384;
connect reset;
terminate;
```

db/create_database.ddl

```
drop database TPCC;
create database TPCC on /home/tpcc/db/tpccdb1 using codeset
iso8859-1 territory us collate using identity catalog tablespace
managed by system using ('/home/tpcc/db/dblcatalog');
```

ts/CRTS CST.ddl

```
connect to TPCC in share mode;
drop tablespace CST;
create tablespace CST PAGESIZE 4096 managed by database
using (DEVICE '/dev/rD1F01V1C1CST' 9900544 ,
DEVICE '/dev/rD1F01V1C2CST' 9900544 ,
DEVICE '/dev/rD1F01V1C3CST' 9900544 ,
DEVICE '/dev/rD1F01V1C4CST' 9900544 ,
DEVICE '/dev/rD1F01V1C5CST' 9900544 ,
DEVICE '/dev/rD1F01V1C6CST' 9900544 ,
DEVICE '/dev/rD1F01V1C7CST' 9900544 ) on dbpartitionnum(0)
using (DEVICE '/dev/rD1F01V2C1CST' 9900544 ,
DEVICE '/dev/rD1F01V2C2CST' 9900544 ,
DEVICE '/dev/rD1F01V2C3CST' 9900544 ,
DEVICE '/dev/rD1F01V2C4CST' 9900544 ,
DEVICE '/dev/rD1F01V2C5CST' 9900544 ,
DEVICE '/dev/rD1F01V2C6CST' 9900544 ,
DEVICE '/dev/rD1F01V2C7CST' 9900544 ) on dbpartitionnum(1)
using (DEVICE '/dev/rD1F01V3C1CST' 9900544 ,
DEVICE '/dev/rD1F01V3C2CST' 9900544 ,
DEVICE '/dev/rD1F01V3C3CST' 9900544 ,
DEVICE '/dev/rD1F01V3C4CST' 9900544 ,
DEVICE '/dev/rD1F01V3C5CST' 9900544 ,
DEVICE '/dev/rD1F01V3C6CST' 9900544 ,
DEVICE '/dev/rD1F01V3C7CST' 9900544 ) on dbpartitionnum(2)
using (DEVICE '/dev/rD1F01V4C1CST' 9900544 ,
DEVICE '/dev/rD1F01V4C2CST' 9900544 ,
DEVICE '/dev/rD1F01V4C3CST' 9900544 ,
DEVICE '/dev/rD1F01V4C4CST' 9900544 ,
DEVICE '/dev/rD1F01V4C5CST' 9900544 ,
```

```
DEVICE '/dev/rD1F01V4C6CST' 9900544 ,
DEVICE '/dev/rD1F01V4C7CST' 9900544 ) on dbpartitionnum(3)
using (DEVICE '/dev/rD1F02V1C1CST' 9900544 ,
DEVICE '/dev/rD1F02V1C2CST' 9900544 ,
DEVICE '/dev/rD1F02V1C3CST' 9900544 ,
DEVICE '/dev/rD1F02V1C4CST' 9900544 ,
DEVICE '/dev/rD1F02V1C5CST' 9900544 ,
DEVICE '/dev/rD1F02V1C6CST' 9900544 ,
DEVICE '/dev/rD1F02V1C7CST' 9900544 ) on dbpartitionnum(4)
using (DEVICE '/dev/rD1F02V2C1CST' 9900544 ,
DEVICE '/dev/rD1F02V2C2CST' 9900544 ,
DEVICE '/dev/rD1F02V2C3CST' 9900544 ,
DEVICE '/dev/rD1F02V2C4CST' 9900544 ,
DEVICE '/dev/rD1F02V2C5CST' 9900544 ,
DEVICE '/dev/rD1F02V2C6CST' 9900544 ,
DEVICE '/dev/rD1F02V2C7CST' 9900544 ) on dbpartitionnum(5)
using (DEVICE '/dev/rD1F02V3C1CST' 9900544 ,
DEVICE '/dev/rD1F02V3C2CST' 9900544 ,
DEVICE '/dev/rD1F02V3C3CST' 9900544 ,
DEVICE '/dev/rD1F02V3C4CST' 9900544 ,
DEVICE '/dev/rD1F02V3C5CST' 9900544 ,
DEVICE '/dev/rD1F02V3C6CST' 9900544 ,
DEVICE '/dev/rD1F02V3C7CST' 9900544 ) on dbpartitionnum(6)
using (DEVICE '/dev/rD1F02V4C1CST' 9900544 ,
DEVICE '/dev/rD1F02V4C2CST' 9900544 ,
DEVICE '/dev/rD1F02V4C3CST' 9900544 ,
DEVICE '/dev/rD1F02V4C4CST' 9900544 ,
DEVICE '/dev/rD1F02V4C5CST' 9900544 ,
DEVICE '/dev/rD1F02V4C6CST' 9900544 ,
DEVICE '/dev/rD1F02V4C7CST' 9900544 ) on dbpartitionnum(7)
using (DEVICE '/dev/rD1F03V1C1CST' 9900544 ,
DEVICE '/dev/rD1F03V1C2CST' 9900544 ,
DEVICE '/dev/rD1F03V1C3CST' 9900544 ,
DEVICE '/dev/rD1F03V1C4CST' 9900544 ,
DEVICE '/dev/rD1F03V1C5CST' 9900544 ,
DEVICE '/dev/rD1F03V1C6CST' 9900544 ,
DEVICE '/dev/rD1F03V1C7CST' 9900544 ) on dbpartitionnum(8)
using (DEVICE '/dev/rD1F03V2C1CST' 9900544 ,
DEVICE '/dev/rD1F03V2C2CST' 9900544 ,
DEVICE '/dev/rD1F03V2C3CST' 9900544 ,
DEVICE '/dev/rD1F03V2C4CST' 9900544 ,
DEVICE '/dev/rD1F03V2C5CST' 9900544 ,
DEVICE '/dev/rD1F03V2C6CST' 9900544 ,
DEVICE '/dev/rD1F03V2C7CST' 9900544 ) on dbpartitionnum(9)
using (DEVICE '/dev/rD1F03V3C1CST' 9900544 ,
DEVICE '/dev/rD1F03V3C2CST' 9900544 ,
DEVICE '/dev/rD1F03V3C3CST' 9900544 ,
DEVICE '/dev/rD1F03V3C4CST' 9900544 ,
DEVICE '/dev/rD1F03V3C5CST' 9900544 ,
DEVICE '/dev/rD1F03V3C6CST' 9900544 ,
DEVICE '/dev/rD1F03V3C7CST' 9900544 ) on dbpartitionnum(10)
using (DEVICE '/dev/rD1F03V4C1CST' 9900544 ,
DEVICE '/dev/rD1F03V4C2CST' 9900544 ,
DEVICE '/dev/rD1F03V4C3CST' 9900544 ,
DEVICE '/dev/rD1F03V4C4CST' 9900544 ,
DEVICE '/dev/rD1F03V4C5CST' 9900544 ,
DEVICE '/dev/rD1F03V4C6CST' 9900544 ,
DEVICE '/dev/rD1F03V4C7CST' 9900544 ) on dbpartitionnum(11)
using (DEVICE '/dev/rD1F04V1C1CST' 9900544 ,
DEVICE '/dev/rD1F04V1C2CST' 9900544 ,
DEVICE '/dev/rD1F04V1C3CST' 9900544 ,
DEVICE '/dev/rD1F04V1C4CST' 9900544 ,
DEVICE '/dev/rD1F04V1C5CST' 9900544 ,
DEVICE '/dev/rD1F04V1C6CST' 9900544 ,
DEVICE '/dev/rD1F04V1C7CST' 9900544 ) on dbpartitionnum(12)
using (DEVICE '/dev/rD1F04V2C1CST' 9900544 ,
DEVICE '/dev/rD1F04V2C2CST' 9900544 ,
DEVICE '/dev/rD1F04V2C3CST' 9900544 ,
DEVICE '/dev/rD1F04V2C4CST' 9900544 ,
DEVICE '/dev/rD1F04V2C5CST' 9900544 ,
DEVICE '/dev/rD1F04V2C6CST' 9900544 ,
DEVICE '/dev/rD1F04V2C7CST' 9900544 ) on dbpartitionnum(13)
using (DEVICE '/dev/rD1F04V3C1CST' 9900544 ,
DEVICE '/dev/rD1F04V3C2CST' 9900544 ,
```



```

using (DEVICE '/dev/rD1F21V2C1WAR' 96 ,
DEVICE '/dev/rD1F21V2C2WAR' 96 ,
DEVICE '/dev/rD1F21V2C3WAR' 96 ,
DEVICE '/dev/rD1F21V2C4WAR' 96 ,
DEVICE '/dev/rD1F21V2C5WAR' 96 ,
DEVICE '/dev/rD1F21V2C6WAR' 96 ,
DEVICE '/dev/rD1F21V2C7WAR' 96 ) on dbpartitionnum(81)
using (DEVICE '/dev/rD1F21V3C1WAR' 96 ,
DEVICE '/dev/rD1F21V3C2WAR' 96 ,
DEVICE '/dev/rD1F21V3C3WAR' 96 ,
DEVICE '/dev/rD1F21V3C4WAR' 96 ,
DEVICE '/dev/rD1F21V3C5WAR' 96 ,
DEVICE '/dev/rD1F21V3C6WAR' 96 ,
DEVICE '/dev/rD1F21V3C7WAR' 96 ) on dbpartitionnum(82)
using (DEVICE '/dev/rD1F21V4C1WAR' 96 ,
DEVICE '/dev/rD1F21V4C2WAR' 96 ,
DEVICE '/dev/rD1F21V4C3WAR' 96 ,
DEVICE '/dev/rD1F21V4C4WAR' 96 ,
DEVICE '/dev/rD1F21V4C5WAR' 96 ,
DEVICE '/dev/rD1F21V4C6WAR' 96 ,
DEVICE '/dev/rD1F21V4C7WAR' 96 ) on dbpartitionnum(83)
using (DEVICE '/dev/rD1F22V1C1WAR' 96 ,
DEVICE '/dev/rD1F22V1C2WAR' 96 ,
DEVICE '/dev/rD1F22V1C3WAR' 96 ,
DEVICE '/dev/rD1F22V1C4WAR' 96 ,
DEVICE '/dev/rD1F22V1C5WAR' 96 ,
DEVICE '/dev/rD1F22V1C6WAR' 96 ,
DEVICE '/dev/rD1F22V1C7WAR' 96 ) on dbpartitionnum(84)
using (DEVICE '/dev/rD1F22V2C1WAR' 96 ,
DEVICE '/dev/rD1F22V2C2WAR' 96 ,
DEVICE '/dev/rD1F22V2C3WAR' 96 ,
DEVICE '/dev/rD1F22V2C4WAR' 96 ,
DEVICE '/dev/rD1F22V2C5WAR' 96 ,
DEVICE '/dev/rD1F22V2C6WAR' 96 ,
DEVICE '/dev/rD1F22V2C7WAR' 96 ) on dbpartitionnum(85)
using (DEVICE '/dev/rD1F22V3C1WAR' 96 ,
DEVICE '/dev/rD1F22V3C2WAR' 96 ,
DEVICE '/dev/rD1F22V3C3WAR' 96 ,
DEVICE '/dev/rD1F22V3C4WAR' 96 ,
DEVICE '/dev/rD1F22V3C5WAR' 96 ,
DEVICE '/dev/rD1F22V3C6WAR' 96 ,
DEVICE '/dev/rD1F22V3C7WAR' 96 ) on dbpartitionnum(86)
using (DEVICE '/dev/rD1F22V4C1WAR' 96 ,
DEVICE '/dev/rD1F22V4C2WAR' 96 ,
DEVICE '/dev/rD1F22V4C3WAR' 96 ,
DEVICE '/dev/rD1F22V4C4WAR' 96 ,
DEVICE '/dev/rD1F22V4C5WAR' 96 ,
DEVICE '/dev/rD1F22V4C6WAR' 96 ,
DEVICE '/dev/rD1F22V4C7WAR' 96 ) on dbpartitionnum(87)
using (DEVICE '/dev/rD1F23V1C1WAR' 96 ,
DEVICE '/dev/rD1F23V1C2WAR' 96 ,
DEVICE '/dev/rD1F23V1C3WAR' 96 ,
DEVICE '/dev/rD1F23V1C4WAR' 96 ,
DEVICE '/dev/rD1F23V1C5WAR' 96 ,
DEVICE '/dev/rD1F23V1C6WAR' 96 ,
DEVICE '/dev/rD1F23V1C7WAR' 96 ) on dbpartitionnum(88)
using (DEVICE '/dev/rD1F23V2C1WAR' 96 ,
DEVICE '/dev/rD1F23V2C2WAR' 96 ,
DEVICE '/dev/rD1F23V2C3WAR' 96 ,
DEVICE '/dev/rD1F23V2C4WAR' 96 ,
DEVICE '/dev/rD1F23V2C5WAR' 96 ,
DEVICE '/dev/rD1F23V2C6WAR' 96 ,
DEVICE '/dev/rD1F23V2C7WAR' 96 ) on dbpartitionnum(89)
using (DEVICE '/dev/rD1F23V3C1WAR' 96 ,
DEVICE '/dev/rD1F23V3C2WAR' 96 ,
DEVICE '/dev/rD1F23V3C3WAR' 96 ,
DEVICE '/dev/rD1F23V3C4WAR' 96 ,
DEVICE '/dev/rD1F23V3C5WAR' 96 ,
DEVICE '/dev/rD1F23V3C6WAR' 96 ,
DEVICE '/dev/rD1F23V3C7WAR' 96 ) on dbpartitionnum(90)
using (DEVICE '/dev/rD1F23V4C1WAR' 96 ,
DEVICE '/dev/rD1F23V4C2WAR' 96 ,
DEVICE '/dev/rD1F23V4C3WAR' 96 ,
DEVICE '/dev/rD1F23V4C4WAR' 96 ,

```

```

DEVICE '/dev/rD1F23V4C5WAR' 96 ,
DEVICE '/dev/rD1F23V4C6WAR' 96 ,
DEVICE '/dev/rD1F23V4C7WAR' 96 ) on dbpartitionnum(91)
using (DEVICE '/dev/rD1F24V1C1WAR' 96 ,
DEVICE '/dev/rD1F24V1C2WAR' 96 ,
DEVICE '/dev/rD1F24V1C3WAR' 96 ,
DEVICE '/dev/rD1F24V1C4WAR' 96 ,
DEVICE '/dev/rD1F24V1C5WAR' 96 ,
DEVICE '/dev/rD1F24V1C6WAR' 96 ,
DEVICE '/dev/rD1F24V1C7WAR' 96 ) on dbpartitionnum(92)
using (DEVICE '/dev/rD1F24V2C1WAR' 96 ,
DEVICE '/dev/rD1F24V2C2WAR' 96 ,
DEVICE '/dev/rD1F24V2C3WAR' 96 ,
DEVICE '/dev/rD1F24V2C4WAR' 96 ,
DEVICE '/dev/rD1F24V2C5WAR' 96 ,
DEVICE '/dev/rD1F24V2C6WAR' 96 ,
DEVICE '/dev/rD1F24V2C7WAR' 96 ) on dbpartitionnum(93)
using (DEVICE '/dev/rD1F24V3C1WAR' 96 ,
DEVICE '/dev/rD1F24V3C2WAR' 96 ,
DEVICE '/dev/rD1F24V3C3WAR' 96 ,
DEVICE '/dev/rD1F24V3C4WAR' 96 ,
DEVICE '/dev/rD1F24V3C5WAR' 96 ,
DEVICE '/dev/rD1F24V3C6WAR' 96 ,
DEVICE '/dev/rD1F24V3C7WAR' 96 ) on dbpartitionnum(94)
using (DEVICE '/dev/rD1F24V4C1WAR' 96 ,
DEVICE '/dev/rD1F24V4C2WAR' 96 ,
DEVICE '/dev/rD1F24V4C3WAR' 96 ,
DEVICE '/dev/rD1F24V4C4WAR' 96 ,
DEVICE '/dev/rD1F24V4C5WAR' 96 ,
DEVICE '/dev/rD1F24V4C6WAR' 96 ,
DEVICE '/dev/rD1F24V4C7WAR' 96 ) on dbpartitionnum(95)
EXTENTSIZE 32 PREFETCHSIZE 0 BUFFERPOOL IBMDEFAULTBP;

```

connect reset;

C.2 Data Generation Code

Makefile.config

```

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#####
#####
#
# Makefile.config - AIX 64-bit
#
# Make Configuration
MAKE=make
#
# Compiler Configuration.

```

```

# CFLAGS_DEBUG may be set to "-g", "-DDEBUGIT" "-g -DDEBUGIT" or
left blank
CC=xlc
CFLAGS_OS=-qflag=i:i -glanglvl=ansi -qccpluscmt -DSQLUNIX -
DSQLAIX -q64 -O3 -D_LARGE_FILES
CFLAGS_OUT=-o
CFLAGS_DEBUG=

```

```

# Linker Configuration
LD_EXEC=xlc
LD_STORP=xlc
LD_FLAGS_EXEC=-lm -q64
LD_FLAGS_SHLIB=-qmshrobj
LD_FLAGS_STORP=$(LD_FLAGS_SHLIB) -bE:$@.exp -lc -b64
LD_FLAGS_LIB=-L$(TPCC_SQLLIB)/lib -ldb2
LD_FLAGS_OUT=-o

```

```

# Library Configuration
AR=ar
AR_FLAGS=-r -v -X64
AR_FLAGS_LIB=
AR_FLAGS_OUT=

```

```

# OS Commands
ERASE=rm -f
ERASEDIR=$(ERASE) -R
MOVE=mv
COPY=cp

```

```

# OS File Extensions & Path Separators
OBJEXT=.o
LIBEXT=.a
SHLIBEXT=.a
BINEXT=
SLASH=/
CMDSEP=;

```

Src.Common/Makefile

```

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#####
#####
#
# Makefile - Makefile for Src.Common
#
include $(TPCC_ROOT)/Makefile.config
#
#####
#####
# Preprocessor, Compiler and Linker Flags
#
#####
#####
PRP_OPTS = PACKAGE \

```

```

OPTLEVEL 1 \
ISOLATION RR \
MESSAGES $*.prep.msg \
LEVEL $(TPCC_VERSION) \
NOLINEMACRO

INCLUDE = -I$(TPCC_SQLLIB)/include -I$(TPCC_ROOT)/include

CFLAGS = $(CFLAGS_OS) $(CFLAGS_DEBUG) $(INCLUDE) \
-DSQLA_NOLINES -D$(DB2EDITION) -
D$(TPCC_SPTYPE)

UTIL_OBJ_DBG = tpcdbg$(OBJEXT)
UTIL_OBJ_GEN = tpcmisc$(OBJEXT)
UTIL_OBJ_DB2 = tpcctx$(OBJEXT)
UTIL_OBJ_DPF = tpcclwh$(OBJEXT)

#
#####
# User Targets
#
#####
all: $(UTIL_OBJ_DBG) $(UTIL_OBJ_GEN) $(UTIL_OBJ_DPF)
connect $(UTIL_OBJ_DB2) disconnect

dbgen: $(UTIL_OBJ_DBG) $(UTIL_OBJ_GEN) $(UTIL_OBJ_DPF) connect
$(UTIL_OBJ_DB2) disconnect

clean:
- $(ERASE) *$(OBJEXT) *.bnd *.msg tpcctx.c

#
#####
# Helper Targets
#
#####
connect:
- db2 connect to $(TPCC_DBNAME)

disconnect:
- db2 connect reset
- db2 terminate

#
#####
# Build Rules
#
#####
.SUFFIXES:
.SUFFIXES: $(OBJEXT) .c .sqc

.sqc.c:
@echo "Prepping $*.sqc"
db2 prep $*.sqc $(PRP_OPTS) bindfile
db2 grant execute on package TPCCCTX to public

#
#####
# Dependencies
#
#####
# Source

```

```

tpcdbg$(OBJEXT): tpcdbg.c
tpcctx$(OBJEXT): tpcctx.c
tpccmisc$(OBJEXT): tpcmisc.c

# Headers
tpcdbg.c: $(TPCC_ROOT)/include/db2tpcc.h

```

Src.Common/tpcctx.sqc

```

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*****/

/*
* tpcctx.sqc - TPCC context code
*/

#include <string.h>
#include <sqlutil.h>
#include "db2tpcc.h"
#include "tpcdbg.h"

int connect_to_TM(char *in_dbname);
int connect_to_TM_auth(char *in_dbname, char *in_username, char
*in_password);
int disconnect_from_TM(void);

int connect_to_TM(char *in_dbname)
{
return connect_to_TM_auth(in_dbname, "", "");
}

int connect_to_TM_auth(char *in_dbname, char *in_username, char
*in_password)
{
SQL_STRUCTURE sqlca sqlca;
int ConnectSQLCODE = 0;

EXEC SQL BEGIN DECLARE SECTION;
char dbname[9];
char username[129];
char password[15];
EXEC SQL END DECLARE SECTION;

/* Copy 9 characters - 8 for dbname, 1 for NULL */
strncpy(dbname,in_dbname,9);
if (strcmp(in_username,"") == 0)
{
EXEC SQL CONNECT TO :dbname IN SHARE MODE;
} else {
strncpy(username,in_username,128);
strncpy(password,in_password,14);
EXEC SQL CONNECT TO :dbname IN SHARE MODE USER :username
USING :password;
}

ConnectSQLCODE = SQLCODE;
if (ConnectSQLCODE != 0)

```

```

{
sqlerror( CLIENT_SQL, "CONNECT", __FILE__, __LINE__,
&sqlca);
return ConnectSQLCODE;
}

return 0;
}

int disconnect_from_TM(void)
{
SQL_STRUCTURE sqlca sqlca;
int DisconnectSQLCODE = 0;

EXEC SQL CONNECT RESET;

DisconnectSQLCODE = SQLCODE;
if (DisconnectSQLCODE != 0) {
sqlerror( CLIENT_SQL, "DISCONNECT", __FILE__, __LINE__,
&sqlca);
}

if (DisconnectSQLCODE) {
return DisconnectSQLCODE;
}
return 0;
}

```

Src.Common/tpcdbg.c

```

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*****/

/*
* tpcdbg.c - Debugging Routines
*/

#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <ctype.h>
#include <time.h>
#include <unistd.h>

#include "sqlca.h"
#include "sql.h"
#include "db2tpcc.h"
#include "tpcdbg.h"

#define DEBUG_FILENAME_SZ 128
#define DEBUG_PATH_SIZE 128

void del_print();
void new_print();

```

```

void ord_print();
void pay_print();
void stk_print();

void current_tmstamp(char *buf);

static int debugInit = 0;
static char debugPath[DEBUG_PATH_SIZE] = "";

/*-----
*/
/* InitializeDebug
*/
/*-----
*/
void InitializeDebug(void) {
    if (debugInit == 0) {
        char *p = getenv("TPCC_DEBUGDIR");
        if (p) {
            strncpy(debugPath, p, DEBUG_PATH_SIZE);
        } else {
            strcpy(debugPath, "/tmp");
        }
        strcat(debugPath, "/");
    }
    debugInit = 1;
}

/*-----
*/
/* sqlerror
*/
/*-----
*/
void sqlerror(int tranType, char *msg, char *file, int line,
SQL_STRUCTURE sqlca *psqlca)
{
    FILE *err_fp = NULL;
    char err_fn[DEBUG_PATH_SIZE + DEBUG_FILENAME_SZ];
    char tranName[16];
    int j,k;
    char timeStamp[27];
    char errStr[512] = "";

    InitializeDebug();
    strncpy(err_fn, debugPath, DEBUG_PATH_SIZE);
    current_tmstamp(&timeStamp[0]);
    timeStamp[19] = (char)NULL;

    switch(tranType)
    {
        case NEWORD_SQL:
            // sprintf(err_fn, "%d.err.out", getpid());
            strcat(err_fn, "new.err.out");
            strcpy(tranName, "NEW_ORDER");
            break;

        case DELIVERY_SQL:
            // sprintf(err_fn, "%d.err.out", getpid());
            strcat(err_fn, "del.err.out");
            strcpy(tranName, "DELIVERY");
            break;

        case PAYMENT_SQL:
            // sprintf(err_fn, "%d.err.out", getpid());
            strcat(err_fn, "pay.err.out");
            strcpy(tranName, "PAYMENT");
            break;

        case ORDSTAT_SQL:
            // sprintf(err_fn, "%d.err.out", getpid());
            strcat(err_fn, "ord.err.out");
            strcpy(tranName, "ORDER_STAT");
            break;
    }
}

```

```

case STOCKLEV_SQL:
    //sprintf(err_fn, "%d.err.out", getpid());
    strcat(err_fn, "stk.err.out");
    strcpy(tranName, "STOCK_LVL");
    break;

case 0:
    strcat(err_fn, "cli.err.out");
    strcpy(tranName, "CLIENT");
    break;

default:
    return;
}

/* Generate Formatted Error Message */
sqlaintp(errStr, 512, 78, psqlca);

if ((err_fp = fopen(err_fn, "a+")) == NULL)
{
    return;
}

fprintf(err_fp, "-----
\n");
fprintf(err_fp, "Transaction: %s (%s)\n", tranName, msg);
fprintf(err_fp, "FILE %s (%u)\n", file, line);
fprintf(err_fp, "SQLCODE %d ", psqlca->sqlcode);
fprintf(err_fp, "PID %d ", getpid());
fprintf(err_fp, "TIME %s\n", timeStamp);
fprintf(err_fp, "-----
\n");
fprintf(err_fp, "%s", errStr);
fprintf(err_fp, "-----
\n");

if (psqlca->sqlerrmc[0] != ' ' || psqlca->sqlerrmc[1] != ' ')
{
    fprintf(err_fp, "slerrmc: ");

    for(j = 0; j < 5; j++)
    {
        for(k = 0; k < 16; k++) {
            int pos = j * 16 + k;
            if (pos < 70) fprintf(err_fp, "%02x ", psqlca-
>sqlerrmc[pos]);
            else fprintf(err_fp, " ");
        }
        fprintf(err_fp, " |");
        for(k = 0; k < 16; k++) {
            int pos = j * 16 + k;
            char c = ' ';
            if (pos < 70) {
                c = psqlca->sqlerrmc[pos];
                if (!isprint(c)) c = ' ';
            }
            fprintf(err_fp, "%c", c);
        }
        fprintf(err_fp, "\n");
        if (j < 4) fprintf(err_fp, " ");
    }
}

fprintf(err_fp, "sqlerrp: ");
for(j = 0; j < 8; j++)
    fprintf(err_fp, "%c", psqlca->sqlerrp[j]);
fprintf(err_fp, "\n");

fprintf(err_fp, "sqlerrd: ");
for(j = 0; j < 6; j++)
    fprintf(err_fp, " %d", psqlca->sqlerrd[j]);
fprintf(err_fp, "\n");

```

```

if (psqlca->sqlwarn[0] != ' ')
{
    fprintf(err_fp, "sqlwarn: ");
    for(j = 0; j < 8; j++)
        fprintf(err_fp, "%c ", psqlca->sqlwarn[j]);
    fprintf(err_fp, "\n");
}

fprintf(err_fp, "\n");

fclose(err_fp);
}

/*-----
*/
/* del_debug
*/
/*-----
*/
void del_debug (struct out_delivery_struct *delivery_ptr,
                struct in_delivery_struct *in_delivery,
                char *msg)
{
    char debug_fn[DEBUG_PATH_SIZE + DEBUG_FILENAME_SZ];

    InitializeDebug();
    strncpy(debug_fn, debugPath, DEBUG_PATH_SIZE);
    strcat(debug_fn, "del.debug.out");
    del_print(delivery_ptr, in_delivery, debug_fn, msg);
}

/*-----
*/
/* del_print
*/
/*-----
*/
void del_print (struct out_delivery_struct *delivery_ptr,
                struct in_delivery_struct *in_delivery,
                char *filename,
                char *msg)
{
    FILE *debug_fp;
    char timeStamp[27];
    int j;

    current_tmstamp(&timeStamp[0]);
    timeStamp[19] = (char)NULL;

    if ((debug_fp = fopen(filename, "a+")) == NULL)
    {
        return;
    }

    fprintf(debug_fp, "Delivery debug information follows %s
(%s)\n", timeStamp, msg);
    fprintf(debug_fp, " PID %d ", getpid());

    fprintf(debug_fp, "\n=====
====\n");

    fprintf(debug_fp, "in_delivery_struct {\n");
    fprintf(debug_fp, "  \ts_W_ID = %d (%X)\n",
            in_delivery->s_W_ID, in_delivery->s_W_ID);
    fprintf(debug_fp, "  \ts_O_CARRIER_ID = %d (%X)\n",
            in_delivery->s_O_CARRIER_ID, in_delivery-
>s_O_CARRIER_ID);
    fprintf(debug_fp, "}\n");

    fprintf(debug_fp, "out_delivery_struct {\n");
    fprintf(debug_fp, "  \ts_transtatus = %d (%X)\n",

```



```

fprintf(debug_fp,")\n\n");

fprintf(debug_fp,"out_stocklev_struct {\n");
fprintf(debug_fp,"ts_transtatus = %d (%X)\n",
stocklev->s_transtatus, stocklev->s_transtatus);
fprintf(debug_fp,"tdeadlocks = %d (%X)\n",
stocklev->deadlocks, stocklev->deadlocks);
fprintf(debug_fp,"ts_low_stock = %d (%X)\n",
stocklev->s_low_stock, stocklev->s_low_stock);
fprintf(debug_fp,")\n\n");
fclose(debug_fp);
}

void current_tmstamp(char *buf)
{
time_t t = time(NULL);
strncpy(buf,ctime(&t),19);
}

Src.Common/tpcclwh.c

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*****/

/*
* tpcclwh.sqc - TPC warehouse mapping code
*/

#include <sqlutil.h>
#include <stdlib.h>
#include "lval.h"
#include "db2tpcc.h"
#include "db2ApiDf.h"

int computeLocalWarehouses(sqlint32 node_number,sqlint32
wh_start,sqlint32 wh_end,char *DBName);
void printLocalWarehouses(sqlint32 node_number,sqlint32
wh_start,sqlint32 wh_end);

sqlint32 warehouseMap[WAREHOUSES];
sqlint32 numLocalWarehouses;

int computeLocalWarehouses(sqlint32 node_number,sqlint32
wh_start,sqlint32 wh_end, char *DBName)
{
struct sqlca sqlca;

char *dbschema;
unsigned char table_name[2*SQL_MAX_IDENT+2]; // schema +
dot + table + null
int connected = 0;
struct db2DistMapStruct myDistMapStruct;
struct db2PartitioningInfo myPartitioningInfo;
struct db2RowPartNumStruct myRowPartNumStruct;
unsigned char *key_value[1];
unsigned short key_len[1];

```

```

unsigned char key_value_data[10+1]; // length(integer) + null
SQL_PDB_NODE_TYPE node_num;
short part_num;
int wh;

dbschema = getenv("SERVER_TPCC_SCHEMA");
if (dbschema == NULL)
{
dbschema = getenv("USER");
if (dbschema == NULL)
{
sqlca.sqlcode = -204; // object not found
sqlerror( CLIENT_SQL, "GETENV", __FILE__, __LINE__,
&sqlca);
goto exit;
}
}

// Establish Database Connection
sqlca.sqlcode = connect_to_TM(DBName);
if (sqlca.sqlcode != 0)
{
goto exit;
}
connected = 1;

// Setup for Get Table Partition Map API
strcpy((char *)table_name, dbschema);
strcat((char *)table_name, ".WAREHOUSE");
myDistMapStruct.tname = table_name;
myDistMapStruct.partitioninfo = &myPartitioningInfo;

// Allocate Table Partition Map
myDistMapStruct.partitioninfo->pmap = (SQL_PDB_NODE_TYPE*)
(malloc((SQL_PDB_MAP_SIZE_32K) * sizeof(SQL_PDB_NODE_TYPE)));
if (myDistMapStruct.partitioninfo->pmap == NULL)
{
sqlca.sqlcode = -999;
sqlerror( CLIENT_SQL, "MALLOC", __FILE__, __LINE__, &sqlca);
goto exit;
}

// Get Table Partition Map
db2GetDistMap(db2Version970, (void*)&myDistMapStruct, &sqlca);
if (sqlca.sqlcode != 0)
{
sqlerror( CLIENT_SQL, "GETDISTMAP", __FILE__, __LINE__,
&sqlca);
goto exit;
}

// Setup for Row Partitioning API
myRowPartNumStruct.num_ptrs = myDistMapStruct.partitioninfo->sqlid;
myRowPartNumStruct.ptr_array = key_value;
myRowPartNumStruct.ptr_lens = key_len;
myRowPartNumStruct.countrycode = 1;
myRowPartNumStruct.codepage = 850;
myRowPartNumStruct.partitioninfo = myDistMapStruct.partitioninfo;
myRowPartNumStruct.part_num = &part_num;
myRowPartNumStruct.node_num = &node_num;
myRowPartNumStruct.chklvl = 0;
myRowPartNumStruct.dataFormat = 0;
key_value[0] = &key_value_data[0];
numLocalWarehouses = 0;

// Iterate over given Warehouse range
for (wh=wh_start; wh<wh_end; wh++)
{
// Put Warehouse into Data Buffer
key_len[0] = sprintf(key_value[0],"%d", wh);

// Get Row Partitioning Information

```

```

db2GetRowPartNum(db2Version970, &myRowPartNumStruct,
&sqlca);
if (sqlca.sqlcode != 0)
{
sqlerror( CLIENT_SQL, "GETROWPARTNUM", __FILE__, __LINE__,
&sqlca);
goto exit;
}

// If Local, Add to Local Warehouse Map
if (node_num == node_number)
{
warehouseMap[numLocalWarehouses] = wh;
numLocalWarehouses++;
}
}

exit:
if (connected)
{
disconnect_from_TM();
}

if (myDistMapStruct.partitioninfo->pmap)
{
free(myDistMapStruct.partitioninfo->pmap);
}

if (key_value[0])
{
free(key_value[0]);
}

return sqlca.sqlcode;
}

void printLocalWarehouses(sqlint32 node_number,sqlint32
wh_start,sqlint32 wh_end)
{
int wh;

printf("Local Warehouse Map\n");
printf("-----\n");
printf("For Node: %d\n",node_number);
printf("Warehouse Range: %d to %d\n", wh_start, wh_end);
printf("Num Local Warehouses: %d (out of %d)\n",
numLocalWarehouses, WAREHOUSES);

for (wh=0; wh<numLocalWarehouses; wh++)
{
if (wh % 10 == 0)
{
printf("\n");
}
printf("%4d ", warehouseMap[wh]);
}
}

Src.Common/tpccmisc.c

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```



```

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*****/

/*
 * tpccmisc.c - Miscellaneous routines
 */

#include <stdlib.h>
#include <sys/types.h>
#include <sys/time.h>

```

```

double current_time_ms(void);
double current_time(void);

```

```

/* Current time in SECONDS, precision SECONDS */
double current_time(void)
{
    /* use time() to get seconds */
    return(time(NULL));
}

```

```

/* Current time in SECONDS, precision MILLISECONDS */
double current_time_ms(void)
{
    /* gettimeofday() returns seconds and microseconds */
    /* convert to fractional seconds */
    struct timeval t;
    gettimeofday(&t,NULL);
    return (t.tv_sec + (double)t.tv_usec/(1000*1000));
}

```

dbgen/Makefile

```

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#####
#####

#
# Makefile - Build gendata tool
#

include $(TPCC_ROOT)/Makefile.config

#
#####
#####
# Preprocessor, Compiler and Linker Flags
#####
#####

INCLUDE =      -I$(TPCC_SQLLIB)/include -I$(TPCC_ROOT)/include

```

```

CFLAGS =      $(INCLUDE) $(CFLAGS_OS) -DLINT_ARGS -DSQLA_NOLINES
\
              -D$(DB2EDITION) $(CFLAGS_DEBUG)

LDLFLAGS =    $(LDLFLAGS_EXEC) $(LDLFLAGS_LIB)

#
#####
#####
# File Collections
#
#####
#####

OBJS =        tpccrnd$(OBJEXT) \

OBJ_EEE =     $(TPCC_ROOT)/Src.Common/tpccmisc$(OBJEXT)
              $(TPCC_ROOT)/Src.Common/tpccctx$(OBJEXT) \
              $(TPCC_ROOT)/Src.Common/tpccclwh$(OBJEXT) \
              $(TPCC_ROOT)/Src.Common/tpccdbg$(OBJEXT)

EXEC =        gendata$(BINEXT)

#
#####
#####
# End-User Targets
#
#####
#####

all:          $(EXEC)

clean:        - $(ERASE) *$(OBJEXT) $(EXEC)

#
#####
#####
# Build Rules
#
#####
#####

.SUFFIXES:
.SUFFIXES:    $(OBJEXT) .c

# We use $$$(OBJEXT) here so that the UNIX makefiles work with
both
# 'traditional' make and GNU make
$(EXEC):     $(LD_EXEC) $(LDLFLAGS) $(OBJS) $(OBJ_EEE)
             $$$(OBJEXT) $(LDLFLAGS_OUT)$$

#
#####
#####
# Dependencies
#
#####
#####

# Link Dependencies
gendata$(BINEXT):    $(OBJS) gendata$(OBJEXT)

# Build Dependencies
# Source
gendata$(OBJEXT):    gendata.c

# Headers
gendata.c:           $(TPCC_ROOT)/include/tpccrnd.h
                    $(TPCC_ROOT)/include/lval.h

```

dbgen/gendata.c

```

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*****
*****/

/*
 * gendata.c - Generate data for TPC-C database
 */

#include <stdlib.h>
#include <stdio.h>
#include <string.h>
#include <sqlutil.h>
/* UNIX named pipe support */
#include <sys/stat.h>
#include <errno.h>
#include <fcntl.h>
#include <ctype.h>
#include <time.h>

#include "platform.h"
#include "db2tpcc.h"
#include "tpccrnd.h"
#include "tpccmisc.h"
#include "lval.h"

extern int computeLocalWarehouses(sqlint32 node_number,sqlint32
wh_start,sqlint32 wh_end);
extern sqlint32 warehouseMap[];
extern sqlint32 numLocalWarehouses;

/* PROTOTYPES. */
void gen_dist_tbl( void );
void gen_cust_tbl( void );
void gen_hist_tbl( void );
void gen_nu_ord_tbl( void );
void gen_ordr_tbl( void );
void gen_item_tbl( void );
void gen_stock_tbl( void );
void gen_ware_tbl( void );

int i, j;
double timestamp1, timestamp2, elapse;
int rc, rc1, rc2;

int quiet_mode = 0;
sqlint32 ware_start = 1;
sqlint32 ware_end = WAREHOUSES;

char fmtWare[] = "%s|%s|%s|%s|%s|%s|%04.4f|%.2f|\n";
char fmtDist[] = "%d|%.4f|%.2f|%.2f|%.2f|%.2f|%.2f|%.2f|\n";
char fmtItem[] = "%s|%.2f|%.2f|\n";
char fmtStock[] =
"%d|%.2f|%.2f|%.2f|%.2f|%.2f|%.2f|%.2f|%.2f|%.2f|\n";
char fmtCust[] =
"%d|%.2f|%.2f|%.2f|%.2f|%.2f|%.2f|%.2f|%.2f|%.2f|\n";
char fmtHist[] = "%d|%.2f|%.2f|\n";

```

```

char fmtOrdr[] = "%d|s|d|d|d|d|d|d\n";
char fmtOLine[] = "%s|.2f|d|d|d|s|d|d|d|d\n";
char fmtNewOrd[] = "%d|d|d\n";
void ScalingReport(void);

int outtype1 = 0;
int outtype2 = 0;
char *outname1 = NULL;
char *outname2 = NULL;

/*-----*/
/* main
*/
/*-----*/
int main (int argc, char *argv[])
{
    int option = -1;
    sqlint32 node_number = 0;

    /*
*****
* */
/* Process Command Line Arguments
*/
/*
*****
* */

/* Valid Command Line Options
* -----
* Table Option:          -t <table>          (-t 3 for
warehouse)
* Output to File:        -f[n] <file>        (-f
customer.dat)
* Output to Pipe:        -p[n] <pipename>     (-p
tpccpipe.000)
* Warehouse Range:      -r <start> <end>     (-r 1 100)
* Scaling Report:       -s
* Quiet Mode:           -q
*
* The -f[n] and/or -p[n] options are required.
* The -t, -r, -s and -q options are optional.
*
* If -r is omitted, the range [1..WAREHOUSES] will be used.
*
* Due to the TPC-C spec requiring that orders and orderline
be
* generated at the same time, there is an extension to the -
f and
-p
* options to specify one of the two output streams for each
argument.
*
* -f1 orders.dat -f2 orderline.dat will output to two files
* -f1 orders.dat -p2 tpccpipe.000 will output to a file and
a pipe
*
* -f1/-p1 specifies the destination for the orders table
* -f2/-p2 specifies the destination for the orderline table
*
*/

/* Read Arguments */
for (i=1; i<argc; i++)
{
    if (strcmp(argv[i], "-t") == 0) {
        option = atoi(argv[i+1]);
        i++;
    }
    else if (strcmp(argv[i], "-n") == 0) {
        node_number = atoi(argv[i+1]);
        i++;
    }
}

```

```

else if (strcmp(argv[i], "-r") == 0) {
    ware_start = atoi(argv[i+1]);
    ware_end = atoi(argv[i+2]);
    i += 2;
} else if ((strcmp(argv[i], "-f") == 0) ||
            (strcmp(argv[i], "-f1") == 0)) {
    outtype1 = IOH_FILE;
    outname1 = argv[i+1];
    i++;
} else if (strcmp(argv[i], "-f2") == 0) {
    outtype2 = IOH_FILE;
    outname2 = argv[i+1];
    i++;
} else if ((strcmp(argv[i], "-p") == 0) ||
            (strcmp(argv[i], "-p1") == 0)) {
    outtype1 = IOH_PIPE;
    outname1 = argv[i+1];
    i++;
} else if (strcmp(argv[i], "-p2") == 0) {
    outtype2 = IOH_PIPE;
    outname2 = argv[i+1];
    i++;
} else if (strcmp(argv[i], "-s") == 0) {
    ScalingReport();
    exit(0);
} else if (strcmp(argv[i], "-q") == 0) {
    quiet_mode = 1;
} else {
    fprintf(stderr, "gendata: Don't understand argument:
%s\n",argv[i]);
    exit(-1);
}
}

/*
*****
* */
/* Validate Command Line Arguments
*/
/*
*****
* */

/* Validate Table Argument */
if (option < 3 || option > 11 || option == 10)
{
    fprintf(stderr,"gendata: Invalid table selected:
%d\n",option);
    exit(-1);
}

/* Validate File/Pipe Arguments */
if (option != 9 && outtype1 > 0 && outtype2 > 0)
{
    fprintf(stderr,"gendata: Specifying two output file/pipes
allowed only when generating\norders/orderline.\n");
    exit(-1);
}
if (option == 9 && ((outtype1 == 0) || (outtype2 == 0)))
{
    fprintf(stderr,"gendata: Must specify two output
file/pipes when generating orders/orderline.\n");
    exit(-1);
}
if (outtype1 == 0 || outname1 == NULL || strcmp(outname1,"")
== 0)
{
    fprintf(stderr,"gendata: Invalid 1st output file/pipe
specified.\n");
    exit(-1);
}
if (option == 9 && (outtype2 == 0 || outname2 == NULL ||
strcmp(outname2,"") == 0))
{

```

```

    fprintf(stderr,"gendata: Invalid 2nd output file/pipe
specified.\n");
    exit(-1);
}
}
/* Ensure O/OL flat files are opened in append mode. This is
required */
/* because we generate O/OL concurrently. See comments in
genload.pl */
/* for further details on why this is necessary.
*/
if (option == 9)
{
    if (outtype1 == IOH_FILE) outtype1 = IOH_FILE_APPEND;
    if (outtype2 == IOH_FILE) outtype2 = IOH_FILE_APPEND;
}

/* Validate Range Arguments */
if (ware_start <= 0 || ware_start > WAREHOUSES) {
    fprintf(stderr,"gendata: Invalid range starting value:
%d\n",ware_start);
    exit(-1);
}
if (ware_end <= 0 || ware_end > WAREHOUSES || ware_end <
ware_start) {
    fprintf(stderr,"gendata: Invalid range ending value:
%d\n",ware_end);
    exit(-1);
}
}

/*
*****
* */
/* Adjust for Local Warehouses
*/
/*
*****
* */

if (computeLocalWarehouses(node_number, ware_start,
ware_end))
{
    fprintf(stderr, "Error: could not get list of local
warehouses.\n");
    exit(-1);
}
ware_start = 0;
ware_end = numLocalWarehouses - 1;

initialize_random();

/*
*****
* */
/* Generate Data
*/
/*
*****
* */

switch (option) {
case 3: /* WAREHOUSE */
    gen_ware_tbl();
    break;
case 4: /* DISTRICT */
    gen_dist_tbl();
    break;
case 5: /* ITEM */
    gen_item_tbl();
    break;
case 6: /* STOCK */
    gen_stock_tbl();
    break;
case 7: /* CUSTOMER */
    gen_cust_tbl();
    break;
}

```

```

case 8: /* HISTORY */
    gen_hist_tbl();
    break;
case 9: /* ORDERS + ORDER_LINE */
    gen_ordr_tbl();
    break;
case 11: /* NEW_ORDER */
    gen_nu_ord_tbl();
    break;
case 2:
case 10:
default:
    fprintf(stderr, "Error: invalid option = %d \n", (option));
    break;
}
return 0;
}

/*-----*/
/* generate item table
*/
/*-----*/

void gen_item_tbl( void )
{
    sqlint32 item_num = 0;
    sqlint32 item_im_id;
    char item_name[25];
    double item_price;
    char item_data[51];

    IOH_NUM numBytes;
    ioHandle hnd;
    char Buffer[1024];

    timestamp1 = current_time();

    rc = GenericOpen(&hnd, outtype1, outname1);
    if (rc != 0) { goto item_done; }

    for(item_num = 1; item_num <= ITEMS; item_num++)
    {
        /* create image id field */
        item_im_id = rand_integer( 1, 10000 );
        /* create name field */
        create_random_a_string( item_name, 14, 24);
        /* create price field */
        item_price = rand_decimal( 100, 10000, 2 );
        /* create ORIGINAL field */
        create_a_string_with_original( item_data, 26, 50, 10 );

        numBytes = sprintf(Buffer, fmtItem,
                           item_name,
                           item_price,
                           item_data,
                           item_im_id,
                           item_num);

        rc = GenericWrite(&hnd, Buffer, numBytes);
        if (rc != 0) { goto item_done; }

    } /* end for... */

    rc = GenericClose(&hnd);

item_done:
    timestamp2 = current_time();
    elapse = timestamp2 - timestamp1;
    if (rc == 0) {
        if (!quiet_mode) {

```

```

        fprintf(stdout, "\nITEM table generated in %8.2f
seconds.\n\n", elapse);
        fflush(stdout);
    }
    } else {
        fprintf(stderr, "\nITEM table FAILED at (I %d) after %8.2f
seconds.\n\n", item_num, elapse);
        fflush(stderr);
    }
}

/*-----*/
/* generate stock table
*/
/*-----*/
void gen_stock_tbl( void )
{
    sqlint32 ware_num = 0;
    sqlint32 stock_num = 0;
    sqlint32 stock_quant;
    sqlint32 s_ytd;
    sqlint32 s_order_cnt, s_remote_cnt;
    char stock_dist_01[25];
    char stock_dist_02[25];
    char stock_dist_03[25];
    char stock_dist_04[25];
    char stock_dist_05[25];
    char stock_dist_06[25];
    char stock_dist_07[25];
    char stock_dist_08[25];
    char stock_dist_09[25];
    char stock_dist_10[25];
    char stock_data[51];

    IOH_NUM numBytes;
    ioHandle hnd;
    char Buffer[1024];

    timestamp1 = current_time();

    rc = GenericOpen(&hnd, outtype1, outname1);
    if (rc != 0) { goto stock_done; }

    for (stock_num = 1; stock_num <= STOCK_PER_WAREHOUSE;
stock_num++)
    {
        if (!quiet_mode && (stock_num%500 == 0))
        {
            fprintf(stdout, "STOCK for Item #%d\n", stock_num);
            fflush(stdout);
        }
        for (ware_num = ware_start; ware_num <= ware_end;
ware_num++)
        {
            stock_quant = rand_integer( 10, 100 );
            create_random_a_string( stock_dist_01, 24, 24);
            create_random_a_string( stock_dist_02, 24, 24);
            create_random_a_string( stock_dist_03, 24, 24);
            create_random_a_string( stock_dist_04, 24, 24);
            create_random_a_string( stock_dist_05, 24, 24);
            create_random_a_string( stock_dist_06, 24, 24);
            create_random_a_string( stock_dist_07, 24, 24);
            create_random_a_string( stock_dist_08, 24, 24);
            create_random_a_string( stock_dist_09, 24, 24);
            create_random_a_string( stock_dist_10, 24, 24);

            /* create ORIGINAL field */
            create_a_string_with_original( stock_data, 26, 50, 10
);
            s_ytd = s_order_cnt = s_remote_cnt = 0;

            numBytes = sprintf(Buffer, fmtStock,

```

```

            s_remote_cnt,
            stock_quant,
            s_order_cnt,
            s_ytd,
            stock_data,
            stock_dist_01,
            stock_dist_02,
            stock_dist_03,
            stock_dist_04,
            stock_dist_05,
            stock_dist_06,
            stock_dist_07,
            stock_dist_08,
            stock_dist_09,
            stock_dist_10,
            stock_num,
            warehouseMap[ware_num]);

            rc = GenericWrite(&hnd, Buffer, numBytes);
            if (rc != 0) { goto stock_done; }

        } /* end for... */
    } /* end for... */

    rc = GenericClose(&hnd);

stock_done:
    timestamp2 = current_time();
    elapse = timestamp2 - timestamp1;
    if (rc == 0) {
        if (!quiet_mode) {
            fprintf(stdout, "\nSTOCK table generated in %8.2f
seconds.\n\n", elapse);
            fflush(stdout);
        }
    } else {
        fprintf(stderr, "\nSTOCK table FAILED at (S %d W %d) after
%8.2f seconds.\n\n", stock_num, ware_num, elapse);
        fflush(stderr);
    }
}

/*-----*/
/* generate warehouse table
*/
/*-----*/
void gen_ware_tbl( void )
{
    sqlint32 ware_num = 0;
    char ware_name[11];
    char ware_street_1[21];
    char ware_street_2[21];
    char ware_city[21];
    char ware_state[3];
    char ware_zip[10];
    double ware_tax;
    double ware_YTD;

    IOH_NUM numBytes;
    ioHandle hnd;
    char Buffer[1024];

    timestamp1 = current_time();

    rc = GenericOpen(&hnd, outtype1, outname1);
    if (rc != 0) { goto ware_done; }

    for (ware_num = ware_start; ware_num <= ware_end; ware_num++)
    {
        if (!quiet_mode && ((ware_num % 500) == 0)) {
            fprintf(stdout, "Warehouse #%d\n", ware_num);

```

```

        fflush(stdout);
    }

    create_random_a_string( ware_name,      6,10) ; /* create
name */
    create_random_a_string( ware_street_1, 10,20) ; /* create
street 1 */
    create_random_a_string( ware_street_2, 10,20) ; /* create
street 2 */
    create_random_a_string( ware_city,     10,20) ; /* create
city */
    create_random_a_string( ware_state,    2,2) ; /* create
state */
    create_random_n_string( ware_zip,      4,4) ; /* create
zip */
    strcat(ware_zip, "11111");

    ware_tax = rand_decimal(0, 2000,4);
    ware_YTD = 300000.00;

    numBytes = sprintf(Buffer, fmtWare,
        ware_name,
        ware_street_1,
        ware_street_2,
        ware_city,
        ware_state,
        ware_zip,
        ware_tax,
        ware_YTD,
        warehouseMap[ware_num]);

    rc = GenericWrite(&hnd, Buffer, numBytes);
    if (rc != 0) { goto ware_done; }

} /* end for */

rc = GenericClose(&hnd);

ware_done:

    timestamp2 = current_time();
    elapse = timestamp2 - timestamp1;
    if (rc == 0) {
        if (!quiet_mode) {
            fprintf(stdout, "\nWAREHOUSE table generated in %8.2f
seconds.\n\n", elapse);
            fflush(stdout);
        }
    } else {
        fprintf(stderr, "\nWAREHOUSE table FAILED at (W %d) after
%8.2f seconds.\n\n", ware_num, elapse);
        fflush(stderr);
    }
}

/*-----*/
/* generate dist table
*/
/*-----*/
void gen_dist_tbl( void )
{
    sqlint32 ware_num = 0 ;
    sqlint32 dist_num = 0 ;
    char dist_name[11];
    char dist_street_1[21];
    char dist_street_2[21];
    char dist_city[21];
    char dist_state[3];
    char dist_zip[10];
    double dist_tax;
    sqlint32 next_o_id;
    double dist_YTD;

```

```

    IOH_NUM numBytes;
    ioHandle hnd;
    char Buffer[1024];

    next_o_id = CUSTOMERS_PER_DISTRICT + 1;
    timestamp1 = current_time();

    rc = GenericOpen(&hnd, outtypel, outnamel);
    if (rc != 0) { goto dist_done; }

    for (ware_num = ware_start; ware_num <= ware_end; ware_num++)
    {
        if (!quiet_mode) {
            fprintf(stdout, "DISTRICT for Warehouse #d\n",
warehouseMap[ware_num]);
            fflush(stdout);
        }
        for (dist_num = 1; dist_num <= DISTRICTS_PER_WAREHOUSE;
dist_num++)
        {
            create_random_a_string( dist_name,      6,10) ; /*
create name */
            create_random_a_string( dist_street_1, 10,20) ; /*
create street 1 */
            create_random_a_string( dist_street_2, 10,20) ; /*
create street 2 */
            create_random_a_string( dist_city,     10,20) ; /*
create city */
            create_random_a_string( dist_state,    2,2) ; /*
create state */
            create_random_n_string( dist_zip,      4,4) ; /*
create zip */
            strcat(dist_zip, "11111");
            dist_tax = rand_decimal(0, 2000,4);
            dist_YTD = 30000.00;

            numBytes = sprintf(Buffer, fmtDist,
                next_o_id,
                dist_tax,
                dist_YTD,
                dist_name,
                dist_street_1,
                dist_street_2,
                dist_city,
                dist_state,
                dist_zip,
                dist_num,
                warehouseMap[ware_num]);

            rc = GenericWrite(&hnd, Buffer, numBytes);
            if (rc != 0) { goto dist_done; }

        } /* end for... */
    } /* end for... */

    rc = GenericClose(&hnd);

dist_done:

    timestamp2 = current_time();
    elapse = timestamp2 - timestamp1;
    if (rc == 0) {
        if (!quiet_mode) {
            fprintf(stdout, "\nDISTRICT table generated in %8.2f
seconds.\n\n", elapse);
            fflush(stdout);
        }
    } else {
        fprintf(stderr, "\nDISTRICT table FAILED at (W %d D %d)
after %8.2f seconds.\n\n", ware_num, dist_num, elapse);
        fflush(stderr);
    }
}

```

```

/*-----*/
/* generate customer table
*/
/*-----*/
void gen_cust_tbl( void )
{
    sqlint32 ware_num = 0 ;
    sqlint32 dist_num = 0 ;
    sqlint32 cust_num = 0 ;
    char cust_last[17];
    char cust_middle[3];
    char cust_first[17];
    char cust_street_1[21];
    char cust_street_2[21];
    char cust_city[21];
    char cust_state[3];
    char cust_zip[10];
    char cust_phone[17];
    char cust_credit[3];
    char cust_data[501];
    char cust_since[27];
    double cust_discount;
    double cust_balance;
    double cust_YTD_payment;
    double cust_credit_lim;

    IOH_NUM numBytes;
    ioHandle hnd;
    char Buffer[1024];
    int len, pos;

    timestamp1 = current_time();

    rc = GenericOpen(&hnd, outtypel, outnamel);
    if (rc != 0) { goto cust_done; }

    strcpy(cust_middle, "OE");

    createTimestampString(cust_since);

    for (cust_num = 1; cust_num <= CUSTOMERS_PER_DISTRICT;
cust_num++)
    {
        if (!quiet_mode) {
            fprintf(stdout, "CUSTOMER #d:\n", cust_num);
            fflush(stdout);
        }

        for (ware_num = ware_start; ware_num <= ware_end;
ware_num++)
        {
            for (dist_num = 1; dist_num <= DISTRICTS_PER_WAREHOUSE;
dist_num++)
            {
                if (cust_num <= 1000) /*
create last name */
                create_random_last_name( cust_last, cust_num);
                else /*
create last name */
                create_random_last_name( cust_last, 0);
                create_random_a_string( cust_first, 8,16) ; /*
create first name */
                create_random_a_string( cust_street_1, 10,20) ; /*
create street 1 */
                create_random_a_string( cust_street_2, 10,20) ; /*
create street 2 */
                create_random_a_string( cust_city, 10,20) ; /*
create city */
                create_random_a_string( cust_state, 2,2) ; /*
create state */

```

```

create_random_n_string( cust_zip,      4,4) ; /*
create zip */
strcat(cust_zip, "1111");

/* create phone number */
create_random_n_string( cust_phone, 16,16) ;
if ( rand_integer( 1, 100 ) <= 10 )
    strcpy( cust_credit, "BC" ) ;
else
    strcpy( cust_credit, "GC" ) ;

/* create discount rate */
cust_discount = rand_decimal(0,5000,4);

/* create customer data */
create_random_a_string(cust_data, 300, 500);

/* pad customer data */
for (pos=strlen(cust_data); pos<500; pos++)
{
    cust_data[pos] = ' ';
}
cust_data[500] = '\0';

cust_credit_lim = 50000.00;
cust_balance = -10.00;
cust_YTD_payment = 10.00;

// -----
// As per Francois' request, we dump the vaue of
C_C_LAST_LOAD
// in the C_FIRST field of the first customer.
// This makes is simple to validate what value of
C_C_LAST_LOAD
// was used to generate the database.
// -----
if (cust_num == 1 && dist_num == 1 && ware_num == 1)
{
    sprintf(cust_first, "C_LAST_LOAD=%d", C_C_LAST_LOAD);
}

numBytes = sprintf(Buffer, fmtCust,
    cust_num,
    cust_state,
    cust_zip,
    cust_phone,
    cust_since,
    cust_credit_lim,
    cust_middle,
    cust_credit,
    cust_discount,
    cust_data,
    cust_last,
    cust_first,
    cust_street_1,
    cust_street_2,
    cust_city,
    dist_num,
    warehouseMap[ware_num],
    0,
    cust_balance,
    cust_YTD_payment,
    1);

rc = GenericWrite(&hnd, Buffer, numBytes);
if (rc != 0) { goto cust_done; }

} /* end for district... */
} /* end for warehouse... */
} /* end for customer... */

```

```

rc = GenericClose(&hnd);

cust_done:

timestamp2 = current_time();
elapsed = timestamp2 - timestamp1;
if (rc == 0) {
    if (!quiet_mode) {
        fprintf(stdout, "\nCUSTOMER table generated in %8.2f
seconds.\n\n", elapsed);
        fflush(stdout);
    } else {
        fprintf(stderr, "\nCUSTOMER table FAILED at (W &D &C
&d) after %8.2f seconds.\n\n", ware_num, dist_num, cust_num,
elapsed);
        fflush(stderr);
    }
}

/*-----*/
-----*/
/* generate hist table
*/
/*-----*/
-----*/
void gen_hist_tbl( void )
{
    sqlint32 ware_num = 0 ;
    sqlint32 dist_num = 0 ;
    sqlint32 cust_num = 0 ;
    char hist_data[25] ;
    char h_date[27] ;

    IOH_NUM numBytes;
    ioHandle hnd;
    char Buffer[1024];

    timestamp1 = current_time();

    rc = GenericOpen(&hnd, outtype1, outname1);
    if (rc != 0) { goto hist_done; }

    createTimeStampString(h_date);

    for (ware_num = ware_start; ware_num <= ware_end; ware_num++)
    {
        if (!quiet_mode) {
            fprintf(stdout, "HISTORY for Warehouse #&d:\n",
warehouseMap[ware_num]);
            fflush(stdout);
        }
        for (dist_num = 1; dist_num <= DISTRICTS_PER_WAREHOUSE;
dist_num++)
        {
            for (cust_num = 1; cust_num <= CUSTOMERS_PER_DISTRICT;
cust_num++)
            {
                /* create history data */
                create_random_a_string( hist_data, 12,24) ;

                numBytes = sprintf(Buffer, fmtHist,
                    cust_num,
                    dist_num,
                    warehouseMap[ware_num],
                    dist_num,
                    warehouseMap[ware_num],
                    h_date,
                    10.00,
                    hist_data);

                rc = GenericWrite(&hnd, Buffer, numBytes);
                if (rc != 0) { goto hist_done; }
            }
        }
    }
}

```

```

} /* end for customer... */
} /* end for district... */
} /* end for warehouse... */

rc = GenericClose(&hnd);

hist_done:

timestamp2 = current_time();
elapsed = timestamp2 - timestamp1;
if (rc == 0) {
    if (!quiet_mode) {
        fprintf(stdout, "\nHISTORY table generated in %8.2f
seconds.\n\n", elapsed);
        fflush(stdout);
    } else {
        fprintf(stderr, "\nHISTORY table FAILED at (W &D &C &d)
after %8.2f seconds.\n\n", ware_num, dist_num, cust_num, elapsed);
        fflush(stderr);
    }
}
}

/*-----*/
-----*/
/* generate nu_ord table
*/
/*-----*/
-----*/
void gen_nu_ord_tbl( void )
{
    sqlint32 ware_num = 0 ;
    sqlint32 dist_num = 0 ;
    sqlint32 nu_ord_id = 0 ;
    int nu_ord_hi ;

    IOH_NUM numBytes;
    ioHandle hnd;
    char Buffer[1024];

    /* compute maximum and minimum
order numbers for this
district */
    nu_ord_hi = CUSTOMERS_PER_DISTRICT - NU_ORDERS_PER_DISTRICT +
1;
    if (nu_ord_hi < 0) {
        nu_ord_hi = CUSTOMERS_PER_DISTRICT -
(CUSTOMERS_PER_DISTRICT / 3) + 1;
        fprintf(stderr, "\n**** WARNING **** NU_ORDERS_PER_DISTRICT
is > CUSTOMERS_PER_DISTRICT\n");
        fprintf(stderr, "                Check the values in file
lval.h\n");
        fprintf(stderr, "                Loading New-Order with
1/3 of CUSTOMERS_PER_DISTRICT\n");
    }

    timestamp1 = current_time();

    rc = GenericOpen(&hnd, outtype1, outname1);
    if (rc != 0) { goto neword_done; }

    /* We generate in O/W/D order for non-RCT tables. With the
* data clustered on O_ID, this gives us good bufferpool
* characteristics. We also create a btree index in W/D/O
* order, to satisfy MIN(O_ID) queries.
*
* For RCT tables *with* RCT Jump Cache, we *should* generate
* the data in W/D/O order (to match the table definition.)
* We don't since it would push schema decisions into flat
file
* generation (and I don't want to do that.) It's just as
easy
* to sort the flat files afterwards.

```

```

*/
for (nu_ord_id = nu_ord_hi;
    nu_ord_id <= CUSTOMERS_PER_DISTRICT;
    nu_ord_id++)
{
    if (!quiet_mode) {
        fprintf(stdout, "NEW_ORDER for Customer #d:\n",
nu_ord_id);
        fflush(stdout);
    }
    for (ware_num = ware_start; ware_num <= ware_end;
ware_num++)
    {
        for (dist_num = 1; dist_num <= DISTRICTS_PER_WAREHOUSE;
dist_num++)
        {
            numBytes = sprintf(Buffer, fmtNewOrd,
                                nu_ord_id,
                                dist_num,
                                warehouseMap[ware_num]);

            rc = GenericWrite(&hnd, Buffer, numBytes);
            if (rc != 0) { goto neword_done; }

        } /* end for... */
    } /* end for... */
} /* end for... */

rc = GenericClose(&hnd);

neword_done:

timestamp2 = current_time();
elapsed = timestamp2 - timestamp1;
if (rc == 0) {
    if (!quiet_mode) {
        fprintf(stdout, "\nNEW_ORDER table generated in %8.2f
seconds.\n\n", elapsed);
        fflush(stdout);
    }
} else {
    fprintf(stderr, "\nNEW_ORDER table FAILED at (W %d D %d O
%d) after %8.2f seconds.\n\n", ware_num, dist_num, nu_ord_id,
elapsed);
    fflush(stderr);
}
}
/*-----*/
/* generate order and order_line tables
*/
/*-----*/
void gen_ordr_tbl( void )
{
    sqlint32 ware_num = 0 ;
    sqlint32 dist_num = 0 ;
    sqlint32 cust_num = 0 ;
    sqlint32 ord_num = 0 ;
    sqlint32 ord_carrier_id;
    sqlint32 ord_ol_cnt;
    sqlint32 oline_ol_num;
    sqlint32 oline_item_num;

    double oline_amount;
    char oline_dist_info[25];

    IOH_NUM numBytes;
    ioHandle hnd1, hnd2;
    char Buffer[1024];

    char currtmstmp[27];

```

```

char nulltmstmp[27] = "0001-01-01 00:00:00";

oline_dist_info[24] = '\0';

timestamp1 = current_time();

rc1 = GenericOpen(&hnd1, outtype1, outname1);
if (rc1 != 0) { goto ool_done; }
rc2 = GenericOpen(&hnd2, outtype2, outname2);
if (rc2 != 0) { goto ool_done; }

createTimestampString(currtmstmp);

for (ware_num = ware_start; ware_num <= ware_end; ware_num++)
{
    if (!quiet_mode) {
        fprintf(stdout, "ORDERS & ORDER_LINE for Warehouse
%d\n", warehouseMap[ware_num]);
        fflush(stdout);
    }
    for (dist_num = 1; dist_num <= DISTRICTS_PER_WAREHOUSE;
dist_num++)
    {
        if (!quiet_mode) {
            fprintf(stdout, "District #d\t", dist_num);
            fflush(stdout);
        }

        seed_1_3000();

        for (ord_num = 1; ord_num <= CUSTOMERS_PER_DISTRICT;
ord_num++)
        {
            if (ord_num < 2101)
                ord_carrier_id = rand_integer( 1, 10 );
            else
                ord_carrier_id = 0;

            cust_num = random_1_3000();
            ord_ol_cnt =
rand_integer(MIN_OL_PER_ORDER, MAX_OL_PER_ORDER);

            numBytes = sprintf(Buffer, fmtOrdr,
                                cust_num,
                                currtmstmp,
                                ord_carrier_id,
                                ord_ol_cnt,
                                1,
                                ord_num,
                                warehouseMap[ware_num],
                                dist_num);

            rc1 = GenericWrite(&hnd1, Buffer, numBytes);
            if (rc1 != 0) { goto ool_done; }

            for ( oline_ol_num = 1; oline_ol_num <= ord_ol_cnt;
oline_ol_num++)
            {
                oline_item_num = rand_integer(1, ITEMS);
                create_random_a_string( oline_dist_info, 24, 24)

                numBytes = sprintf(Buffer, fmtOLine,
                                    ((ord_num < 2101) ? currtmstmp
: nulltmstmp),
                                    ((ord_num < 2101) ? 0.00 :
rand_decimal(1,999999,2)),
                                    oline_item_num,
                                    warehouseMap[ware_num],
                                    5,
                                    oline_dist_info,
                                    ord_num,
                                    dist_num,

```

```

                                warehouseMap[ware_num],
                                oline_ol_num);

            rc2 = GenericWrite(&hnd2, Buffer, numBytes);
            if (rc2 != 0) { goto ool_done; }

        } /* for order_line */
    } /* for order */
} /* for dist */
} /* for ware */

rc1 = GenericClose(&hnd2);
rc2 = GenericClose(&hnd1);

ool_done:

timestamp2 = current_time();
elapsed = timestamp2 - timestamp1;
if (rc1 == 0 && rc2 == 0) {
    if (!quiet_mode) {
        fprintf(stdout, "\nORDERS & ORDER_LINE tables generated
in %8.2f seconds.\n\n", elapsed);
        fflush(stdout);
    }
} else {
    fprintf(stderr, "\nORDERS & ORDER_LINE tables FAILED at (W
%d D %d O %d OL %d) after %8.2f seconds.\n\n", ware_num,
dist_num, ord_num, oline_ol_num, elapsed);
    fflush(stderr);
}
}

void ScalingReport(void)
{
    /* Print Scaling Values */
    fprintf(stdout, "Scaling Values in Use\n");
    fprintf(stdout, "-----\n");
    fprintf(stdout, "Warehouses:           %d\n", WAREHOUSES);
    fprintf(stdout, "Districts/Warehouse:    %d\n",
DISTRICTS_PER_WAREHOUSE);
    fprintf(stdout, "Customers/District:      %d\n",
CUSTOMERS_PER_DISTRICT);
    fprintf(stdout, "Items:                %d\n", ITEMS);
    fprintf(stdout, "Stock/Warehouse:         %d\n",
STOCK_PER_WAREHOUSE);
    fprintf(stdout, "Min Order Lines/Order: %d\n",
MIN_OL_PER_ORDER);
    fprintf(stdout, "Max Order Lines/Order: %d\n",
MAX_OL_PER_ORDER);
    fprintf(stdout, "New Orders/District:   %d\n",
NU_ORDERS_PER_DISTRICT);
    fprintf(stdout, "-----\n");
    fprintf(stdout, "Local Warehouses:      %d\n",
numLocalWarehouses);
    fprintf(stdout, "-----\n");
}

dbgen(tpccrnd.c

/*****
*****
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```

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Corp.
*****
*****/

/*
 * tpccrnd.c - Random generation functions for TPC-C
 */

#include <stdio.h>
#include <string.h>
#include <math.h>
#include "db2tpcc.h"
#include "tpccmisc.h"
#include "lval.h"

#include <stdlib.h>

static char tbl_cust[CUSTOMERS_PER_DISTRICT];

static char alnum[] =

"0123456789abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ"
;

static char *last_name_parts[] =
{
    "BAR",
    "OUGHT",
    "ABLE",
    "PRI",
    "PRES",
    "ESE",
    "ANTI",
    "CALLY",
    "ATION",
    "EING"
};

/*
*****
* rand_integer
*
* create a uniform random numeric value of type integer, of
random
* value between lo and hi. Number is NOT placed in BUFFER, and
IS
* simply RETURNED.
*
* Routine RETURNS the VALUE.
*
* parameters
* -----
* lo end of acceptable value range
* hi end of acceptable value range
*
* output
* -----
* random integer value RETURNED
*****
*/

int rand_integer ( int val_lo, int val_hi )
{
    return((random()%(val_hi-val_lo+1))+val_lo);
}

/*
*****
* rand_decimal

```

```

*
* create a uniform random numeric value of type double, of
random
* value between lo and hi with val_dec fractional digits.
* Number is NOT placed in BUFFER, and IS simply RETURNED.
*
* Routine RETURNS the VALUE.
*
* parameters
* -----
* lo end of acceptable value range
* hi end of acceptable value range
* number of fractional digits
*
* output
* -----
* random double value RETURNED
*****
*/

double rand_decimal ( int val_lo, int val_hi, int val_dec )
{
    return(rand_integer(val_lo, val_hi)/pow(10.0, (double)val_dec));
}

/*
*****
* seed_1_3000
*
*
*****
*/

void seed_1_3000( void )
{
    int i;

    for (i = 0; i < CUSTOMERS_PER_DISTRICT; i++) {
        tbl_cust[i] = 0;
    }
}

/*
*****
* random_1_3000
*
*****
*/

int random_1_3000( void )
{
    static int i;
    static int x;

    x = rand_integer(0, CUSTOMERS_PER_DISTRICT - 1);

    for (i = 0; i < CUSTOMERS_PER_DISTRICT; i++)
    {
        if (tbl_cust[x] == 0)
        {
            tbl_cust[x] = 1;
            return(x+1);
        } else {
            x++;
        }
    }
    if (x == CUSTOMERS_PER_DISTRICT)
        x=0;
}

```

```

}

printf("\nfatal error in random_1_3000 \n");
abort();
}

/*
*****
* initialize_random
*****
*/

void initialize_random(void)
{
    int t = current_time();

    srand(t);
    random(t);
}

/*
*****
* create_random_a_string
*
* create a random alphanumeric string, of random length
between lo and
* hi and place them in designated buffer. Routine returns the
actual
* length.
*
* parameters
* -----
* lo end of acceptable length range
* hi end of acceptable length range
*
* output
* -----
* actual length
* random alphanumeric string
*****
*/

int create_random_a_string( char *out_buffer, int length_lo, int
length_hi )
{
    int i, actual_length ;

    actual_length = rand_integer( length_lo, length_hi ) ;

    for (i = 0; i < actual_length; i++ )
    {
        out_buffer[i] = alnum[rand_integer( 0, 61 )] ;
    }
    out_buffer[actual_length] = '\0' ;

    return (actual_length);
}

/*
*****
* create_random_n_string
*
* create a random numeric string, of random length between lo
and

```

```

* hi and place them in designated buffer. Routine returns the
actual
* length.
*
* parameters
* -----
* lo end of acceptable length range
* hi end of acceptable length range
*
* output
* -----
* actual length
* random numeric string
*
*****
*/

int create_random_n_string( char *out_buffer, int length_lo, int
length_hi )
{
    int i, actual_length ;

    actual_length = rand_integer( length_lo, length_hi ) ;

    for ( i = 0; i < actual_length; i++ )
    {
        out_buffer[i] = (char)rand_integer( 48,57 ) ;
    }
    out_buffer[actual_length] = '\0' ;

    return (actual_length);
}

/*
*****
* NURand_val
*
* create a non-uniform random numeric value of type integer,
of random
* value between lo and hi. Number is NOT placed in BUFFER, and
IS
* simply RETURNED.
*
* Routine RETURNS the VALUE.
*
* parameters
* -----
* lo end of acceptable value range
* hi end of acceptable value range
*
* output
* -----
* random integer value RETURNED
*
*****
*/

int NURand_val ( int A, int x, int y, int C )
{
    return((((rand_integer(0,A)|rand_integer(x,y))+C)% (y-x+1))+x);
}

/*
*****
* create_a_string_with_original
*
* create a random alphanumeric string, of random length
between lo and
* hi and place them in designated buffer. Routine returns the
actual

```

```

* length.
*
* the word "ORIGINAL" is placed at a random location in the
buffer at
* random, for a given percent of the records.
*
* percent_to_set must be an integer value from 0 to 100.
* if 0, no records will be set. If 100, all records will be
set.
*
* CANNOT USE ON STRINGS OF LENGTH LESS THAN 8 ! LOWER LIMIT
MUST BE > 8 !
*
* parameters
* -----
* lo end of acceptable length range
* hi end of acceptable length range
* percentage of records to set to ORIGINAL
*
* output
* -----
* actual length
* random alphanumeric string with the word "ORIGINAL" is
placed at a
* random location
*
*****
*/

int create_a_string_with_original( char *out_buffer, int
length_lo,
                                int length_hi, int
percent_to_set )
{
    int actual_length, start_pos ;

    actual_length = create_random_a_string( out_buffer, length_lo,
length_hi ) ;

    if ( rand_integer( 1, 100 ) <= percent_to_set )
    {
        start_pos = rand_integer( 0, actual_length-8 ) ;
        strncpy(out_buffer+start_pos,"ORIGINAL",8) ;
    }

    return (actual_length);
}

/*
*****
* create_random_last_name
*
* parameters:
* out_buffer - target buffer for the generated last name
*
* description:
* create_random_last_name generates a random number from 0
to 999
* inclusive. a random name is generated by associating a
random string
* with each digit of the generated number. the three strings
are
* concatenated to generate the name
*
*****
*/

int create_random_last_name(char *out_buffer, int cust_num)
{
    int random_num;

```

```

if (cust_num == 0)
    random_num = NURand_val( A_C_LAST, 0, 999, C_C_LAST_LOAD );
else
    random_num = cust_num - 1;

strcpy(out_buffer, last_name_parts[random_num / 100]);
random_num %= 100;
strcat(out_buffer, last_name_parts[random_num / 10]);
random_num %= 10;
strcat(out_buffer, last_name_parts[random_num]);

return(strlen(out_buffer));
}

```

include/db2tpcc.h

```

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*****/

/*
* db2tpcc.h - Macros and Miscellany
*/

#ifndef __DB2TPCC_H
#define __DB2TPCC_H

#include <sys/types.h>

#include "lval.h"

/*
*****
** Transaction Return Codes (s_transtatus)
**
**
*****
*/

#define INVALID_ITEM          100
#define TRAN_OK              0
#define FATAL_SQLERROR      -1

/*
*****
** Definition of Unused and Bad Items
**
**
*****
*/

/* Define unused item ID to be 0. This allows the SUT to
determine the
*/
/* number of items in the order as required by 2.4.1.3 and
2.4.2.2 since */

```



```

/* the assumption that any item with OL_I_ID = 0 is unused will
be true. */
/* This in turn requires that the value used for an invalid item
is */
/* equal to ITEMS + 1.
*/
/*
***** */

#define INVALID_ITEM_ID (2 * ITEMS) + 1
#define UNUSED_ITEM_ID 0

#define MIN_WAREHOUSE 1
#define MAX_WAREHOUSE WAREHOUSES

/*****
*****/
/* NURand Constants
*/
/* C_C_LAST_RUN and C_C_LAST_LOAD must adhere to clause 2.1.6.
*/
/* Analysis indicates that a C_LAST delta of 85 is optimal.
*/
/*****
*****/
#define C_C_LAST_RUN      88
#define C_C_LAST_LOAD    173
#define C_C_ID            319
#define C_OL_I_ID        3849
#define A_C_LAST          255
#define A_C_ID            1023
#define A_OL_I_ID        8191

/*****
*****/
/* Transaction Type Identifiers
*/
/*****
*****/

#define CLIENT_SQL      0
#define NEWORD_SQL      1
#define PAYMENT_SQL     2
#define ORDSTAT_SQL    3
#define DELIVERY_SQL   4
#define STOCKLEV_SQL   5

#define SPGENERAL_PAD 3
#define SPGENERAL_ADJUST sizeof(int16_t)

struct in_neword_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    struct in_items_struct {
        int32_t s_OL_I_ID;
        int32_t s_OL_SUPPLY_W_ID;
        int16_t s_OL_QUANTITY;
        int16_t pad1[3];
    } in_item[15];
    int32_t s_C_ID;
    int32_t s_W_ID;
    int16_t s_D_ID;
    int16_t s_O_OL_CNT;          /* init by SUT */
    int16_t s_all_local;
    int16_t duplicate_items;
};

struct out_neword_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    struct items_struct {
        float s_I_PRICE;
        float s_OL_AMOUNT;

```

```

    int16_t s_S_QUANTITY;
    int16_t pad2;
    char s_I_NAME[25];
    char s_brand_generic;
    } item[15];
    float s_W_TAX;
    float s_D_TAX;
    float s_C_DISCOUNT;
    float s_total_amount;
    int32_t s_O_ID;
    int16_t s_O_OL_CNT;
    int16_t s_transtatus;
    int16_t deadlocks;
    char s_C_LAST[17];
    char s_C_CREDIT[3];
    char s_O_ENTRY_D_time[27];
};

struct in_payment_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    float s_H_AMOUNT;
    int32_t s_W_ID;
    int32_t s_C_W_ID;
    int32_t s_C_ID;
    int16_t s_C_D_ID;
    int16_t s_D_ID;
    char s_C_LAST[17];
};

struct out_payment_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    double s_C_CREDIT_LIM;
    double s_C_BALANCE;
    float s_C_DISCOUNT;
    int32_t s_C_ID;
    int16_t s_transtatus;
    int16_t deadlocks;
    char s_W_STREET_1[21];
    char s_W_STREET_2[21];
    char s_W_CITY[21];
    char s_W_STATE[3];
    char s_W_ZIP[10];
    char s_D_STREET_1[21];
    char s_D_STREET_2[21];
    char s_D_CITY[21];
    char s_D_STATE[3];
    char s_D_ZIP[10];
    char s_C_FIRST[17];
    char s_C_MIDDLE[3];
    char s_C_LAST[17];
    char s_C_STREET_1[21];
    char s_C_STREET_2[21];
    char s_C_CITY[21];
    char s_C_STATE[3];
    char s_C_ZIP[10];
    char s_C_PHONE[17];
    char s_C_CREDIT[3];
    char s_C_DATA[201];
    char s_H_DATE_time[27];
    char s_C_SINCE_time[27];
};

struct in_ordstat_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    int32_t s_C_ID;
    int32_t s_W_ID;
    int16_t s_D_ID;
    int16_t pad1[3];
    char s_C_LAST[17];
};

```

```

struct out_ordstat_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    double s_C_BALANCE;
    int32_t s_C_ID;
    int32_t s_O_ID;
    int16_t s_O_CARRIER_ID;
    int16_t s_ol_cnt;
    int16_t pad1[2];
    struct oitems_struct {
        double s_OL_AMOUNT;
        int32_t s_OL_I_ID;
        int32_t s_OL_SUPPLY_W_ID;
        int16_t s_OL_QUANTITY;
        int16_t pad2;
        char s_OL_DELIVERY_D_time[27];
    } item[15];
    int16_t s_transtatus;
    int16_t deadlocks;
    char s_C_FIRST[17];
    char s_C_MIDDLE[3];
    char s_C_LAST[17];
    char s_O_ENTRY_D_time[27];
    int16_t pad3[2];
};

struct in_delivery_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    int32_t s_W_ID;
    int16_t s_O_CARRIER_ID;
};

struct out_delivery_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    int32_t s_O_ID[10];
    int16_t s_transtatus;
    int16_t deadlocks;
};

struct in_stocklev_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    int32_t s_threshold;
    int32_t s_W_ID;
    int16_t s_D_ID;
};

struct out_stocklev_struct {
    int16_t len;
    int16_t pad[SPGENERAL_PAD];
    int32_t s_low_stock;
    int16_t s_transtatus;
    int16_t deadlocks;
};

/*
***** */
/* Transaction Prototypes
*/
/*
***** */

#ifdef __cplusplus
extern "C" {
#endif

extern int neword_sql(struct in_neword_struct*, struct
out_neword_struct*);

```

```

extern int payment_sql(struct in_payment_struct*, struct
out_payment_struct*);
extern int ordstat_sql(struct in_ordstat_struct*, struct
out_ordstat_struct*);
extern int delivery_sql(struct in_delivery_struct*, struct
out_delivery_struct*);
extern int stocklev_sql(struct in_stocklev_struct*, struct
out_stocklev_struct*);

#ifdef __cplusplus
}
#endif

/*
***** */
/* DB2 Connect/Disconnect & Thread Context Wrappers
*/
/*
***** */

#ifdef __cplusplus
extern "C" {
#endif

extern int connect_to_TM(char*);
extern int connect_to_TM_auth(char*, char*, char*);
extern int disconnect_from_TM(void);

#endif

#endif // __DB2TPCC_H

```

include/lval.h

```
/* lval.h - generated automatically at 20100729.0012 */
```

```

#ifdef __LVAL_H
#define __LVAL_H
#define WAREHOUSES 960000
#define DISTRICTS_PER_WAREHOUSE 10
#define CUSTOMERS_PER_DISTRICT 3000
#define ITEMS 100000
#define STOCK_PER_WAREHOUSE 100000
#define MIN_OL_PER_ORDER 5
#define MAX_OL_PER_ORDER 15
#define NU_ORDERS_PER_DISTRICT 900
#endif // __LVAL_H

```

include/platform.h

```

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```

```

*****
*****/
/*
 * platform.h - Platform Isolation Layer
 */

#ifdef __PLATFORM_H
#define __PLATFORM_H

/*
*****/
/* Generic Macros
*/
/*
*****/
#define GEN_ERRCODE      errno

/*
*****/
/* Windows I/O Macros
*/
/*
*****/

/*
*****/
/* UNIX I/O Macros
*/
/*
*****/
#include <fcntl.h>

#define IOH_INIT(hnd, type, name)
\
\   hnd->fd = -1;
\
\   hnd->type = type;
\
\   hnd->name = name;

#define IOH_CREATE(hnd)
\
\   if (hnd->type == IOH_PIPE) {
\
\       rc = mkfifo(hnd->name, 0666);
\
\   } else {
\
\       rc = 0;
\
\   }

#define IOH_OPEN(hnd)
\
\   if (hnd->type == IOH_FILE_APPEND) {
\
\       hnd->fd = open(hnd->name, O_WRONLY | O_CREAT | O_APPEND,
0666);
\
\   } else {
\
\       hnd->fd = open(hnd->name, O_WRONLY | O_CREAT | O_TRUNC,
0666);
\
\   }

\   if (hnd->fd == -1) {
\
\

```

```

\       rc = -1;
\
\   } else {
\
\       rc = 0;
\
\   }

#define IOH_WRITE(hnd, buff, num, num2)
\
\   rc = write(hnd->fd, buff, num);
\
\   if (rc >= 0) {
\
\       num2 = rc;
\
\       rc = 0;
\
\   }

#define IOH_FLUSH(hnd)   rc = 0;
#define IOH_CLOSE(hnd)   rc = close(hnd->fd);
#define IOH_DELETE(hnd)  if (hnd->type == IOH_PIPE) { rc =
unlink(hnd->name); }

typedef unsigned int IOH_NUM;
typedef int IOH_HND;

/*****
*****/
/* UNIX Semaphore Macros
*/
/*****
*****/
#include <sys/types.h>
#include <sys/ipc.h>
#include <sys/sem.h>
#include <unistd.h>

union semun {
    int val;
    struct semid_ds *buf;
    unsigned short int *array;
} semUnion;

struct sembuf semBuf;

#define SEM_HANDLE int

#define SEM_INIT(hnd, x, name)
\
\   if ( (hnd = semget(IPC_PRIVATE, 1, IPC_CREAT | IPC_EXCL |
S_IRUSR | S_IWUSR | S_IRGRP | S_IWGRP | S_IROTH | S_IWOTH)) == -
1)
\
\       API_ERROR(__LINE__, "semget", (rc=GEN_ERRCODE));
\
\   semUnion.val = x;
\
\   if ( semctl(hnd, 0, SETVAL, semUnion) < 0 )
\
\       API_ERROR(__LINE__, "semctl SETVAL", (rc=GEN_ERRCODE));

#define SEM_WAIT(hnd)
\
\   semBuf.sem_num = 0;
\
\   semBuf.sem_op = -1;
\
\   semBuf.sem_flg = SEM_UNDO;
\
\   if ( semop(hnd, &semBuf, 1) < 0 )
\
\       API_ERROR(__LINE__, "semop wait", (rc=GEN_ERRCODE));

```

```

#define SEM_FREE(hnd)
\
semBuf.sem_num = 0;
\
semBuf.sem_op = 1;
\
semBuf.sem_flg = SEM_UNDO;
\
if ( semop(hnd, &semBuf, 1) < 0 )
\
API_ERROR(__LINE__, "semop free", (rc=GEN_ERRCODE));

#define SEM_DESTROY(hnd)
\
if ( semctl(hnd, 0, IPC_RMID, 0) )
\
API_ERROR(__LINE__, "semctl IPC_RMID", (rc=GEN_ERRCODE));

/*
*****
*/
/* Common I/O Macros and Definitions
*/
/*
*****
*/
#define IOH_FILE 1
#define IOH_PIPE 2
#define IOH_FILE_APPEND 3

#define IOH_ERRMSG(hnd, msg)
\
if (rc != 0) {
\
fprintf(stderr, "Error %d %s fd %d (%d, %s)\n", GEN_ERRCODE,
msg, \
hnd->fd, hnd->type, hnd->name);
\
return rc;
\
}

struct _ioh {
IOH_HND fd;
int type;
char *name;
};

typedef struct _ioh ioHandle;

/*
*****
*/
/* Generic I/O Routine Prototypes
*/
/*
*****
*/
int GenericOpen(ioHandle *hnd, int type, char *name);
int GenericWrite(ioHandle *hnd, char *Buffer, unsigned int
numBytes);
int GenericClose(ioHandle *hnd);

/*
*****
*/
/* Generic I/O Routines
*/
/*
*****
*/
int GenericOpen(ioHandle *hnd, int type, char *name)
{

```

```

int rc = 0;

IOH_INIT(hnd, type, name)

IOH_CREATE(hnd)
IOH_ERRMSG(hnd, "creating")

IOH_OPEN(hnd)
IOH_ERRMSG(hnd, "opening")

return rc;
}

int GenericWrite(ioHandle *hnd, char *Buffer, unsigned int
numBytes)
{
int rc = 0;
int numBytesWritten = -1;

IOH_WRITE(hnd, Buffer, numBytes, numBytesWritten)
IOH_ERRMSG(hnd, "writing")
if (numBytes != numBytesWritten) {
fprintf(stderr, "Truncated data writing to fd %d (%d,
%s)\n", hnd->fd, hnd->type, hnd->name);
rc = -1;
}
return rc;
}

int GenericClose(ioHandle *hnd)
{
int rc = 0;

IOH_FLUSH(hnd)
IOH_ERRMSG(hnd, "flushing")

IOH_CLOSE(hnd)
IOH_ERRMSG(hnd, "closing")

IOH_DELETE(hnd)
IOH_ERRMSG(hnd, "deleting")

return rc;
}

#endif // __PLATFORM_H

include/tpccdbg.h

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*****
*****
*/
/*
* tpccdbg.h - Debugging Macros
*/

#endif __TPCCDBG_H

```

```

#define __TPCCDBG_H

#ifdef __cplusplus
extern "C" {
#endif

extern void sqlerror (int tranType, char *msg, char *file, int
line,
SQL_STRUCTURE sqlca *psqlca);

extern void new_debug (struct out_neword_struct *neword_ptr,
struct in_neword_struct *in_neword_ptr,
char *msg);
extern void pay_debug (struct out_payment_struct *payment_ptr,
struct in_payment_struct *in_payment_ptr,
char *msg);
extern void ord_debug (struct out_ordstat_struct *ordstat_ptr,
struct in_ordstat_struct *in_ordstat_ptr,
char *msg);
extern void del_debug (struct out_delivery_struct *delivery_ptr,
struct in_delivery_struct
*in_delivery_ptr,
char *msg);
extern void stk_debug (struct out_stocklev_struct *stocklev_ptr,
struct in_stocklev_struct
*in_stocklev_ptr,
char *msg);

extern void new_print (struct out_neword_struct *neword_ptr,
struct in_neword_struct *in_neword_ptr,
char *filename,
char *msg);
extern void pay_print (struct out_payment_struct *payment_ptr,
struct in_payment_struct *in_payment_ptr,
char *filename,
char *msg);
extern void ord_print (struct out_ordstat_struct *ordstat_ptr,
struct in_ordstat_struct *in_ordstat_ptr,
char *filename,
char *msg);
extern void del_print (struct out_delivery_struct *delivery_ptr,
struct in_delivery_struct
*in_delivery_ptr,
char *filename,
char *msg);
extern void stk_print (struct out_stocklev_struct *stocklev_ptr,
struct in_stocklev_struct
*in_stocklev_ptr,
char *filename,
char *msg);

#ifdef __cplusplus
}
#endif

#endif // __TPCCDBG_H

include/tpccmisc.h

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```

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*****
*****/

/*
 * tpccmisc.h - Miscellaneous Routines
 */

#ifndef __TPCCMISC_H
#define __TPCCMISC_H

extern double current_time_ms(void);
extern double current_time(void);

#include <time.h>
#define createTimestampString(buf) \
{ \
    time_t now; \
    struct tm *tm; \
    time(&now); \
    tm = localtime(&now); \
    sprintf(buf, \
        "%4.4d-%2.2d-%2.2d %2.2d:%2.2d:%2.2d", \
        tm->tm_year + 1900, tm->tm_mon + 1, tm->tm_mday, \
        tm->tm_hour, tm->tm_min, tm->tm_sec); \
}

#endif // __TPCCMISC_H

include/tpccrnd.h

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*****
*****/

/*
 * tpccrnd.h - Random generation functions for TPC-C
 */

#ifndef __TPCCRND_H
#define __TPCCRND_H

void initialize_random(void);
int rand_integer( int val_lo, int val_hi );
double rand_decimal( int val_lo, int val_hi, int val_dec );
int NUrnd_val( int A, int val_lo, int val_hi, int C );

void seed_1_3000( void );
int random_1_3000( void );

int create_random_a_string( char *out_buffer,
    int length_lo,
    int length_hi );
int create_random_n_string( char *out_buffer,
    int length_lo,
    int length_hi );

```

```

int create_a_string_with_original( char *out_buffer,
    int length_lo,
    int length_hi,
    int percent_to_set );
int create_random_last_name(char *out_buffer, int cust_num);

#endif // __TPCCRND_H

```

tpccenv.sh

```

#####
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#####
#####

#
# tpccenv.sh - UNIX Environment Setup
#

# The Kit Version
export TPCC_VERSION=CK100419

# The DB2 Instance Name (for DB2)
export DB2INSTANCE=${USER}

# The OS being used (i.e. "UNIX", "LINUX", "WINDOWS")
export PLATFORM=UNIX

# The type of make command and slash used by the OS.
# (i.e. UNIX - "/", WINDOWS - "\").
# These are referenced all over the kit.
export SLASH="/";
export MAKE=make

# Specifies whether or not to use dari stored proc's for the
TPC-C driver. Set to either DARIVERSION or NONDARI;
#export TPCC_SPTYPE=NOSP
#export TPCC_SPTYPE=SPGENERAL2
export TPCC_SPTYPE=SPGENERAL
#export TPCC_SPTYPE=DARI2SQLDA

# The schema name is typically the SQL authorization ID (or
username).
# This is required for runstats and EEE.
export TPCC_SCHEMA=${USER}
export SERVER_TPCC_SCHEMA=${USER}

# DB2 EE/EEE Configuration
#export DB2EDITION=EE
export DB2EDITION=DPF

# TPCC General Configuration
export TPCC_DBNAME=TPCC
export TPCC_ROOT=${HOME}/tpcc21
export TPCC_SQLLIB=${HOME}/sqllib
export TPCC_RUNDATA=${HOME}/tpccdata

# TPCC Debug Configuration
# This is the path where all error and debug logs are placed.

```

```

# To get debugging from within the stored procedures, you must
# set DB2ENVLIST="TPCC_DEBUGDIR" in tpcc.config.
export TPCC_DEBUGDIR=/tmp

# Specifies where stored procedures should be placed and if they
should
# be fenced.
export TPCC_SPDIR=${TPCC_SQLLIB}/function
export TPCC_FENCED=NO

```

Appendix - D: Pricing Information

CDW CDW-G CDW Canada 800.750.4239

Shopping Cart 3 Items Support Log On



Shop CDW

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Browse All Categories

Products


Services

Solutions Center

What CDW Offers

Shopping Cart

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[Save This Cart](#)
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Quantity	Product	CDW	Availability	Price	Ext. Price
1	 Cisco Catalyst 3750G-24TS - switch - managed - 24 ports	950732	3-5 days	\$3,135.99	\$3,135.99
1	 Cisco SMARTnet Premium extended service agreement - 1 year	983160	In Stock	\$959.99	\$959.99
1	 D-Link DGS 1224T Web Smart 24-Port Gigabit Switch	652036	In Stock	\$289.99	\$289.99
Click  to remove an item from your cart				Sub-Total	\$4,385.97
Update Cart Clear Cart				Use Standard Checkout Use Express Checkout	

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Qty	Product Name	SKU	*Price (USD)	Total (USD)	Delete
20	APC Smart-UPS XL 3000VA 120V Tower/Rack Convertible <small>View these options for the SUA3000XL Services (4)</small>	SUA3000XL	\$1,375.00	\$27,500.00	
40	APC Smart-UPS XL 48V Battery Pack Tower/Rack Convertible	SUA48XLBP	\$609.00	\$24,360.00	

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* Except where noted, all prices are Estimated Resale Price (ERP) - Without Tax/TAT. Pricing in other locations and sites may vary.

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Note: American Power Conversion reserves the right to discontinue any promotion at any time without notice. Promotional items are subject to availability.

Subtotal: \$51,860.00 USD



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Microsoft Corporation
One Microsoft Way
Redmond, WA 98052-6399

Tel 425 882 8080
Fax 425 936 7329
<http://www.microsoft.com/>

Microsoft

August 12, 2010

IBM Corporation
Lotus Douglas
11501 Burnet Road
Austin, TX 78758

Here is the information you requested regarding pricing for several Microsoft products to be used in conjunction with your TPC-C benchmark testing.

All pricing shown is in US Dollars (\$).

Part Number	Description	Unit Price	Quantity	Price
LWA-00984	Windows Web Server 2008 R2 <i>Full License</i> <i>No Discounts Applied</i>	\$469	1	\$469
127-00166	Microsoft Visual Studio 2008 Professional <i>Full License</i> <i>No Discounts Applied</i>	\$799	1	\$799
N/A	Microsoft Problem Resolution Services <i>Professional Support</i> <i>(1 Incident)</i>	\$259	1	\$259

All products are currently orderable through Microsoft's normal distribution channels. A list of Microsoft's resellers can be found at <http://www.microsoft.com/products/info/render.aspx?view=22&type=how>.

Defect support is included in the purchase price. Additional support is available from Microsoft PSS on an incident by incident basis at \$259 per call.

This quote is valid for the next 90 days.

Reference ID: PCLoDo10081200061426.



11400 BURNET RD
AUSTIN TX 78758

International Business Machines Corporation

August 16, 2010

Dear Lotus,

Here is the requested quote for the System IBM Power 780 Server TPC-C benchmark using DB2 9.7 and IBM System Storage DS3400.

Description	Part No.	Source	Unit Price	Qty	Ext Price	Maint Price
Server Hardware						
Server 1:9179-MHB Base MTM	9179-MHB	1	10,195	3	30,585	24,945
IBM MMB DRWR, IBM BEZEL +CHASSIS/IBM LABELS+	5597	1	12,000	12	144,000	
SYSTEM AC POWER SUPPLY 1725 W	5632	1	1,502	24	36,048	
FSP1 FLEXIBLE SERVICE PROCESSOR CARD	5664	1	4,000	6	24,000	
SERV INTERFACE CABLE 2 3 AN	3671	1	2,000	3	6,000	
SERV INTERFACE CABLE 3 AND 4	3672	1	3,000	3	9,000	
SERV INTERFACE CABLE 4 ENCLOS	3673	1	4,000	3	12,000	
PROCESSOR CABLE TWO THREE OR	3712	1	5,000	3	15,000	
PROCESSOR CABLE THREE OR FOUR	3713	1	10,000	3	30,000	
PROCESSOR CABLE FOUR DRAWER S	3714	1	12,000	3	36,000	
FSP CLOCK PASS THROUGH CARD	5665	1	900	6	5,400	
QUAD (2X RJ45 1GB / 2X SFP+ 10GB) HEA	1803	1	699	12	8,388	
GX++ DUAL-PORT IB ADPTR	1808	1	1,499	24	35,976	
1.5 Meter 12X DDR Cable	1862	1	524	48	25,152	
SAS Cable (X) Adapter to SAS Enclosure	3661	1	197	24	4,728	
PWR CBL., DRWR TO IBM PDU, 9' 200-240V/10A	6671	1	18	120	2,160	
OPERATOR PANEL + SHIP GROUP, P7 MR	1853	1	1,000	3	3,000	
3.8 / 4.1GHZ, 0/16w Core POWER7, 16 DDR3 Memory Slots	4982	1	57,429	12	689,148	72,864
1W PROCESSOR ACTIVATION FOR FC 4982	5469	1	8,375	192	1,608,000	552,960
0/128GB(4X32GB) SDRAM DDR3 DIMMS, 1066MHZ	5602	1	15,440	48	741,120	
100GB DDR3 MEMORY ACTIVATION	8213	1	24,500	60	1,470,000	
1GB DDR3 MEMORY ACTIVATION	8212	1	245	144	35,280	
146GB 15K RPM SFF SAS DISK	1886	1	1,045	3	3,135	
DISK/MEDIA BACK PLANE, 6X SFF DISK BAYS, 1X SA	5652	1	4,000	3	12,000	
SATA Slimline DVD-RAM Drive	5762	1	392	3	1,176	
12X I/O DRAWER PCIE, SFF Disk	5802	1	14,277	48	685,296	374,400
4 Gigabit PCI Express Dual Port Fibre Channel Adapter	5774	1	3,273	9	29,457	
2 PORT 10 100 1000 BASE TX PCI	5767	1	692	12	8,304	
4 PORT 10 100 1000 BASE TX PCI	5717	1	1,087	24	26,088	
Power Control Cable (SPCN) - 3 Meter	6006	1	52	75	3,900	
I/O Drawer Mounting Enclosure	7314	1	687	48	32,976	
OPT FRONT DOOR FOR 2 0M RACK	6069	1	545	6	3,270	
Side Panel (Black)	6098	1	150	12	1,800	
PDU to 14', 200-240V/24A, UTG0247, PT#12	6654	1	240	18	4,320	
Power Dist Unit-Side Mount, Universal UTG0247	7188	1	1,000	18	18,000	
HMC 1:7042-C07 Desktop Hardw.Mgmt.Console	7042-C07	1	1,830	3	5,490	4,032
IBM T117 FLAT PANEL MONITOR	3645	1	875	3	2,625	
Power Cord (6-foot), To Wall Plug Type #4	6470	1	18	3	54	
Ethernet Cable, 6M, HMC to System Unit	7802	1	33	3	99	
Keyboard - English, #103P	5951	1	107	3	321	
USB Mouse	8845	1	39	3	117	
3.5TB SSD Package consisting of 5 PCIe RAID & SSD SAS adapters & 20 SSD modules with eMLC	4367	1	99,650	33	3,288,450	554,400
PCIe RAID & SSD SAS adapter	2055	1	4,000	3	12,000	
177GB SSD module with eMLC	1995	1	5,763	12	69,156	13,824
IBM 42U Enterprise Rack	7014-T42	1	3,970	6	23,820	4,608
PCIe 380MB Cache Dual - x4 3Gb SAS RAID Adapter	5903	1	2,880	48	138,240	
SAS Cables 0.6 Meters	3688	1	118	48	5,664	
300GB SFF 10K SAS HDD	1885	1	1,376	192	264,192	
Uats cable 10M	3762	1	29	24	696	
				Subtotal	9,611,631	1,602,033

External Storage							
DS3400	1726-42E	1	9,292	9	83,628	11,700	
EXP3000	1727-01X-2676	1	3,199	21	67,179	15,960	
2 TB 7.2K rpm SATA 2000GB	1727-01X-5423	1	1,279	360	460,440		
SAS Cables 0.6 Meters	3688	1	118	54	6,372		
Fiber Cable 1m	5601	1	79	18	1,422		
IBM 42U Enterprise Rack	7014-T42	1	3,970	4	15,880		
			Subtotal		634,921		27,660
Server Software							
AIX V6 (media only)	5692-A6P	1	50	3	150		
AIX 6 for POWER V6.1	5765-G62	1	2,600	192	499,200		
AIX per processor SWMA Large Power 7 (3Y)	5773-SM3-1260	1	1,755	192		336,960	
AIX per processor SWMA Large Power 7 24x7 Upgrade (3Y)	5773-SM3-1261	1	461	192		88,512	
HMC Software SUB (3Y)	5773-0570	1	461	3		1,383	
HMC Software Support (3Y)	5773-0569	1	675	3		2,025	
C for AIX user Lic+SW maint (1Y)	D5A1DLL	1	1,140	3	3,420		
C for AIX user annual SW maint renewal	E1A1FLL	1	228	6		1,368	
DB2 InfoSphere Warehouse Ent. Base Ed. 9.7 PVU Lic+Maint (1Y)		1	500	23,040	11,520,000		
DB2 InfoSphere Warehouse Ent. Base Ed. 9.7 PVU Renew (1Y)		1	100	46,080		4,608,000	
			Subtotal		12,022,770		5,038,248
Client Hardware and Software							
IBM System x3550 M2 (Quad-core Xeon 2.4GHz)	7946AC1	1	3,316	96	318,336		
1 GB memory	3963	1	85	288	24,480		
146GB 10K RPM SAS SFF	5537	1	269	96	25,824		
Cat5 cable 1.5M	3802	1	17	96	1,632		
Cat5 cable 10M	3762	1	29	24	696		
Optical 3-Button Mouse - USB	8913	1	19	1	19		
Preferred Pro Full Size PS/2 Keyboard	40K9584	1	29	1	29		
ServicePac for 3-Year 24x7x4 Support	6756298	1	450	96		43,200	
IBM T115 15" TFT Monitor	494215U	1	209	1	209		
			Subtotal		371,225		43,200
Total					22,640,547		6,711,141
Total IBM Discounts*							-15,182,898
Three-Year Cost of Ownership							14,168,790

For additional information, please contact me directly:

Dan Hebrank
IBM
Director, Power Systems, Americas
Office: 314-252-4160