

Hitachi Adaptable Modular Storage 2100 Dynamically Provisioned 27,200 User Exchange 2007 Storage Solution

Tested with: ESRP – Storage Version 2.1

Test Date: Sept - Oct 2009

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Overview

This document provides information on a Hitachi Adaptable Modular Storage 2100 storage solution using Hitachi Dynamic Provisioning for Microsoft Exchange Server 2007, based on the Microsoft® Exchange Solution Reviewed Program (ESRP) – Storage program. For more information about the contents of this document or Hitachi Data Systems' best practice recommendations for Microsoft Exchange Server 2007 storage design, see <http://www.hds.com/solutions/microsoft/exchange.html>.

The ESRP – Storage program was developed by Microsoft Corporation to provide a common storage testing framework for vendors to provide information on its storage solutions for Microsoft Exchange Server software. For more information about the Microsoft ESRP – Storage program, see <http://www.microsoft.com/technet/prodtechnol/exchange/2007/esrp.mspx>.

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Features

The purpose of this testing was to measure the ESRP 2.1 results on a Microsoft Exchange 2007 environment with 27,200 users and four servers. This testing used the Hitachi Adaptable Modular Storage 2100 storage system using Hitachi Dynamic Provisioning software (Hitachi Dynamic Provisioning software and one for logs). These results help answer questions about the kind of performance capabilities to expect with a large-scale Exchange deployment on the 2100.

The test configuration was capable of supporting 27,200 users with a 0.216 IOPS per user profile and user mailbox size of 500MB. A 2100 with 120 450GB 15K RPM SAS disks, 8GB of cache and four 4Gbit/s Fibre Channel host paths was used for these tests. Testing used four Sun Fire 4270 servers with 32GB of RAM, two quad-core Intel E5540 2.53GHz CPUs, eight Emulex 4Gbit/s Fibre Channel adapters, and Windows Server 2008 Enterprise with Service Pack 1.

The Hitachi Adaptable Modular Storage 2100 is a medium-sized, high-performance, highly reliable midrange storage system that can scale to 120 disks while maintaining 99.999% availability. It is highly suitable for a variety of applications and host platforms and is modular in scale. With the option of in-system and cross-system replication functionality, the 2100 is fully capable of being used as the core underlying storage platform for high-performance Exchange Server 2007 architectures.

Solution Description

Deploying Microsoft Exchange Server 2007 requires careful consideration of all aspects of the solution architecture. Host servers need to be configured so that they are robust enough to handle the required Exchange load. The storage solution must be designed to provide the necessary performance while also being reliable and easy to administer. Of course, an effective backup and recovery plan should be incorporated into the solution as well. The aim of this solution report is to provide a tested configuration that utilizes the 2100 to meet the needs of a large Exchange Server deployment.

This solution uses Hitachi Dynamic Provisioning software, which is enabled on the 2100 via a license key. In the most basic sense, Hitachi Dynamic Provisioning software is similar to the use of a host-based logical volume manager (LVM), but with several additional features available within the 2100 and without the need to install software on the host or incur host processing overhead. Hitachi Dynamic Provisioning software is a superior solution. Hitachi Dynamic Provisioning software provides for one or more pools of wide striping across many RAID groups within a 2100. One or more Dynamic Provisioning virtual volumes (DP-VOLs) of a user-specified logical size (with no initial physical space allocated) are created against each pool.

Primarily, Hitachi Dynamic Provisioning software is deployed to avoid the routine issue of hot spots that occur on logical units (LUs) from individual RAID groups when the host workload exceeds the IOPS or throughput capacity of that RAID group. By using many RAID groups as members of a striped Dynamic Provisioning pool underneath the virtual or logical volumes seen by the hosts, a host workload is distributed across many RAID groups, which provides a smoothing effect that dramatically reduces hot spots and results in fewer mailbox moves for the Exchange administrator.

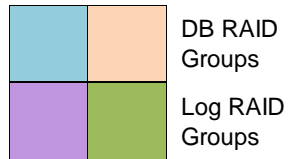
Hitachi Dynamic Provisioning software also carries the side benefit of thin provisioning, where physical space is mapped as needed from the shared pool to the DP-VOL in 32MB segments, up to the logical size specified for each DP-VOL. A pool can also be dynamically expanded by adding more RAID groups without disruption or requiring downtime. Upon expansion, a pool can easily be rebalanced so that the data and workload is wide striped evenly across the current and newly added RAID groups that make up the pool.

For an Exchange Server 2007 environment the performance and capacity utilization improvements of wide-striped Pools and the enhanced management efficiencies are the primary benefits of HDP when compared with a traditional, static storage configuration. For more information about Hitachi Dynamic Provisioning software, see <http://www.hds.com/products/storage-software/hitachi-dynamic-provisioning.html>.

For the targeted 27,200-user Exchange environment, a 2100 configured with 120 disks (the maximum) and four host servers were used. Table 1 illustrates how the 2100's disks were organized into RAID groups for use by either databases or logs. Each set of numbered disks represents a RAID-1+0 (4D+4P) RAID group. Except for RKA-0 (with 15 internal SAS disks), each RKA is an external disk enclosure with 15 SAS disks.

Table 1. Adaptable Modular Storage 2300 RAID Groups by RKA Tray Layout

<i>Drive Slot</i>	<i>0</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>	<i>13</i>	<i>14</i>
RKA 7	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14
RKA 6	11	11	11	11	11	11	12	12	12	12	12	12	12	12	13
RKA 5	9	9	9	9	9	10	10	10	10	10	10	10	10	11	11
RKA 4	7	7	7	7	8	8	8	8	8	8	8	8	9	9	9
RKA 3	5	5	5	6	6	6	6	6	6	6	6	7	7	7	7
RKA 2	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5
RKA 1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3
RKA 0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1



Two Dynamic Provisioning pools were created, one for the databases and other for the logs. The database pool was created from 13 RAID-1+0 groups and the log pool was created from two RAID-1+0 groups. From the database pool, 200 DP-VOLs (each specified to have an 85GB size limit) were created for 200 storage groups (50 per server). From the log pool, 200 DP-VOLs (each specified to have a size limit of 10GB) were created for 200 logs (50 per server).

Table 2 outlines the port layout for the servers.

Table 2. Adaptable Modular Storage 2100 Port to Server Layout

<i>Server</i>	<i>Primary Path</i>	<i>Secondary Path</i>
SUN165	0A	1A
SUN166	0B	1B
SUN167	1A	0A
SUN168	1B	0B

Table 3 outlines the port layout with the database DP-VOL assignments for the servers.

Table 3. Adaptable Modular Storage 2100 Port to Database DP-VOL Layout

<i>Port</i>	<i>Database DP-VOL</i>	
0A	0-49	100-149
0B	50-99	150-199
1A	100-149	0-49
1B	150-199	50-99

Table 4 outlines the port layout with the log DP-VOL assignments for the servers.

Table 4. Adaptable Modular Storage 2100 Port to Log DP-VOL Layout

<i>Port</i>	<i>Log DP-VOL</i>	
0A	200-249	300-349
0B	250-299	350-399
1A	300-349	200-249
1B	350-399	250-299

Table 5 provides the detailed specifications for the storage configuration, which uses RAID-1+0 (4+4) groups and 450GB 15K disks. Dynamic Provisioning pool 0 is dedicated for the databases and Dynamic Provisioning pool 1 is dedicated for the logs.

Table 5. Adaptable Modular Storage 2100 Configuration Details

<i>Host</i>	<i>Pool</i>	<i>Port</i>	<i>DP-VOL</i>	<i>Size (GB)</i>	<i>Description</i>
SUN165	0	0A/1A	0-49	85	Storage Groups 1-50
SUN166	0	0B/1B	50-99	85	Storage Groups 51-100
SUN167	0	1A/0A	100-149	85	Storage Groups 101-150
SUN168	0	1B/0B	150-199	85	Storage Groups 151-200
SUN165	1	0A/1A	200-249	10	Logs 1-50
SUN166	1	0B/1B	240-299	10	Logs 51-100
SUN167	1	1A/0A	300-349	10	Logs 101-150
SUN168	1	1B/0B	350-399	10	Logs 151-200

The ESRP – Storage program focuses on storage solution testing to address performance and reliability issues with storage design. However, storage is not the only factor to take into consideration when designing a scale-up Exchange solution. These factors also affect server scalability:

- Server processor utilization
- Server physical and virtual memory limitations
- Resource requirements for other applications
- Directory and network service latencies
- Network infrastructure limitations
- Replication and recovery requirements
- Client usage profiles

These factors are all beyond the scope of the ESRP – Storage program. Therefore, the number of mailboxes hosted per server as part of the tested configuration might not necessarily be viable for some customer deployments.

For more information about identifying and addressing performance bottlenecks in an Exchange system, see Microsoft's [Troubleshooting Microsoft Exchange Server Performance](#).

Targeted Customer Profile

This solution is designed for medium to large organizations that plan to consolidate their Exchange Server 2007 storage on high-performance, high-reliability storage systems. This configuration can support 27,200 Exchange users with the following specifications:

- 4 Exchange servers
- 6,800 users on a single Exchange server
- 0.216 IOPS per user
- 500 MB mailbox size
- 200 storage groups
- 1 database per storage group (200 total)

Tested Deployment

The following tables summarize the testing environment.

Table 6. Simulated Exchange Configuration

<i>Number of Exchange mailboxes simulated</i>	27,200
<i>Number of hosts</i>	4
<i>Number of mailboxes per host</i>	6,800
<i>Number of storage groups per host</i>	50
<i>Number of mailbox stores per storage group</i>	1
<i>Number of mailboxes per mailbox store</i>	136
<i>Number of mailbox store LUs per storage group</i>	1
<i>Simulated profile: I/Os per second per mailbox (IOPS, include 20% headroom)</i>	0.216
<i>Database LU size</i>	85GB
<i>Log LU size</i>	10GB
<i>Total database size for performance testing</i>	13,600GB
<i>% storage capacity used by Exchange database**</i>	55.4%

Table 7. Primary Storage Hardware

Storage type	SAN
Storage connectivity	Fiber Channel
Storage model and OS/firmware revision	1 Hitachi Adaptable Modular Storage 2100 Firmware :0872/B-S WHQL listing: Hitachi Adaptable Modular Storage 2100
Storage cache	8GB
Number of storage controllers	2
Number of storage ports	4
Maximum bandwidth of storage connectivity to host	16Gbit/s (4 x 4Gbit/s ports)
Switch type/model/firmware revision	Brocade 5320, Fabric OS v6.1.1c
HBA model and firmware	Emulex LPe11002, FW: 2.50A6
Number of HBAs/host	2 dual-ported HBA per host, 1 4Gbit/s port used per HBA
Host server type	Sun Fire 4270 2 2.54 GHz quad-core Intel Xeon CPUs, 32 GB memory
Total number of disks tested in solution	120
Maximum number of spindles can be hosted in the storage	120

Table 8. Primary Storage Software

HBA driver	STOR Miniport 9.1.7.16
HBA QueueTarget setting	0
HBA QueueDepth setting	32
Multipathing	Hitachi Dynamic Link Manager v6.1
Host OS	Microsoft Windows Server 2008 Enterprise x64 Edition Service Pack 1
ESE.dll file version	08.01.0240.005
Replication solution name/version	N/A

Table 9. Primary Storage Disk Configuration (Mailbox Store Disks)

Disk type, speed and firmware revision	SAS Disk 450GB 15K 4C57
Raw capacity per disk (GB)	450GB
Number of physical disks in test	104 (Dynamic Provisioning Pool)
Total raw storage capacity (GB)	46,800GB
Disk slice size (GB)	N/A
Number of slices per LU or number of disks per LU	N/A
RAID level	RAID-1+0 (4+4) at storage level
Total formatted capacity	21,268GB (Dynamic Provisioning database pool)
Storage capacity utilization	45.4%
Database capacity utilization	69.3%

Table 10. Primary Storage Disk Configuration (Transaction Log Disks)

Disk type, speed and firmware revision	SAS Disk 450GB 15K 4C57
Raw capacity per disk (GB)	450GB
Number of spindles in test	16 (Dynamic Provisioning pool)
Total raw storage capacity (GB)	7200
Disk slice size (GB)	N/A
Number of slices per LU or number of disks per LU	N/A
RAID level	RAID-1+0 (4+4) at storage level
Total formatted capacity	3,272GB (Dynamic Provisioning log pool)

Streaming Backup

N/A

Replication

N/A

Best Practices

Microsoft Exchange Server 2007 is a very disk-intensive application. It presents two distinct workload patterns to the storage, with 8KB random read/write operations to the databases, and sequential write operations of varying size (between 512 bytes up to the log buffer size) to the transaction logs. For this reason, designing an optimal storage configuration can prove challenging in practice. Based on the testing run using the ESRP framework, Hitachi Data Systems recommends these best practices to improve the performance of the Adaptable Modular Storage 2100 running Exchange.

For more information about Exchange 2007 best practices for storage design, see the Microsoft TechNet article [Planning Storage Configurations](#).

Core Storage

1. Use Microsoft's diskpart or diskpart to create track-aligned disk partitions. For the 2300, using an offset of 64KB is optimal. This is optional in the case of using Windows Server 2008.
2. Keep the Exchange workload isolated from other applications. Mixing another I/O intensive application whose workload differs from Exchange can cause the performance for both applications to degrade.
3. Due to the difference in I/O patterns and to enhance availability and recoverability, isolate the Exchange database DP-VOLs from the log DP-VOLs by creating one dedicated Dynamic Provisioning pool for the databases and a separate Pool dedicated for the logs.
4. Hitachi Data Systems recommends using RAID-5 or RAID-1+0 RAID groups for the database pools and RAID-1 or RAID-1+0 RAID Groups for the log pool. Use of RAID-1+0 allows for more writes at a lower response time under heavier loads. RAID-1+0 also has a shorter RAID Group rebuild time on failure of a disk. Hitachi Data Systems does not recommend LU concatenation.
5. Size the storage solution for Exchange based primarily on IOPS performance criteria. The number of disks, RAID level and percent utilization of each disk directly affect the level of achievable performance. Factor in capacity requirements only after performance is addressed.
6. Disk size is unrelated to performance with regards to IOPS or throughput rates. Disk size is related to the usable capacity of all of the LUs from a RAID group, which is a choice users make.
7. The number of disks, coupled with the RAID level, determines the physical IOPS capacity of the RAID group and all of its LUs. If there are too few RAID Groups (disks), the response times grow to large values very quickly.

Backup Strategy

N/A

Test Result Summary

This section provides a high-level summary of the test data from ESRP and the link to the detailed HTML reports that are generated by ESRP testing framework.

Reliability

A number of tests in the framework check reliability spanning a 24-hour window. The goal is to verify the storage can handle high I/O load for a long period of time. Following these stress tests, both log and database files are analyzed for integrity to ensure that no database or log corruption occurs.

- No errors were reported in the event log file for the storage reliability testing
- No errors were reported for the database and log checksum process
- Backup to disk test is N/A
- Database checksum on the remote storage database is N/A

Primary Storage Performance Results

The primary storage performance testing exercises the storage with maximum sustainable Exchange type of I/O for two hours. The test shows how long it takes for the storage to respond to an I/O under load. The following data is the sum of all of the logical disk I/Os and average of all the logical disks I/O latency in the two-hour test duration.

Individual Server Metrics

Individual server metrics show the sum of I/Os across storage groups and the average latency across all storage groups.

Table 11. Individual Server Metrics for Exchange Server (SUN165)

Database I/O	
<i>Database Disk Transfers/sec</i>	1847 IOPS
<i>Database Disk Reads/sec</i>	993 IOPS
<i>Database Disk Writes/sec</i>	854 IOPS
<i>Average Database Disk Read Latency (ms)</i>	10
<i>Average Database Disk Write Latency (ms)</i>	3
Transaction Log I/O	
<i>Log Disk Writes/sec</i>	705 IOPS
<i>Average Log Disk Write Latency (ms)</i>	1

Table 12. Individual Server Metrics for Exchange Server (SUN166)

Database I/O	
<i>Database Disk Transfers/sec</i>	1816 IOPS
<i>Database Disk Reads/sec</i>	974 IOPS
<i>Database Disk Writes/sec</i>	842 IOPS
<i>Average Database Disk Read Latency (ms)</i>	10
<i>Average Database Disk Write Latency (ms)</i>	3
Transaction Log I/O	
<i>Log Disk Writes/sec</i>	694 IOPS
<i>Average Log Disk Write Latency (ms)</i>	1

Table 13. Individual Server Metrics for Exchange Server (SUN167)

Database I/O	
<i>Database Disk Transfers/sec</i>	1846 IOPS
<i>Database Disk Reads/sec</i>	990 IOPS
<i>Database Disk Writes/sec</i>	856 IOPS
<i>Average Database Disk Read Latency (ms)</i>	10
<i>Average Database Disk Write Latency (ms)</i>	3
Transaction Log I/O	
<i>Log Disk Writes/sec</i>	705 IOPS
<i>Average Log Disk Write Latency (ms)</i>	1

Table 14. Individual Server Metrics for Exchange Server (SUN168)

Database I/O	
<i>Database Disk Transfers/sec</i>	1880 IOPS
<i>Database Disk Reads/sec</i>	1003 IOPS
<i>Database Disk Writes/sec</i>	877 IOPS
<i>Average Database Disk Read Latency (ms)</i>	10
<i>Average Database Disk Write Latency (ms)</i>	3
Transaction Log I/O	
<i>Log Disk Writes/sec</i>	727 IOPS
<i>Average Log Disk Write Latency (ms)</i>	1

Aggregate Performance Across All Servers Metrics

The aggregate performance across all server metrics shows the sum of I/Os across all servers in the solution and the average latency across all servers in the solution.

Table 15. Aggregate Performance for Exchange Server 2007

Database I/O	
<i>Database Disk Transfers/sec</i>	7,389 IOPS
<i>Database Disk Reads/sec</i>	3,960 IOPS
<i>Database Disk Writes/sec</i>	3,429 IOPS
<i>Average Database Disk Read Latency (ms)</i>	10
<i>Average Database Disk Write Latency (ms)</i>	3
Transaction Log I/O	
Average Log Disk Writes/sec	2,831 IOPS
Average Log Disk Write Latency (ms)	1

Streaming Backup Performance

For the ESRP Version 2.1 release, only the streaming backup type is supported for testing in the framework. This section has two tests: The first measures the read I/O performance metrics by running checksums on all of the database and log files and the second measures the end-to-end performance when the databases are backed up to disks.

Database Read-only Performance

This test measures the maximum rate at which databases can be recovered. The following tables show the average rate for a single database file.

Table 16. Database Read-only Performance for Exchange Server (SUN165)

<i>MB read/sec per storage group</i>	4.2
<i>MB read/sec total</i>	210.6

Table 17. Database Read-only Performance for Exchange Server (SUN166)

<i>MB read/sec per storage group</i>	4.3
<i>MB read/sec total</i>	214.2

Table 18. Database Read-only Performance for Exchange Server (SUN167)

<i>MB read/sec per storage group</i>	4.3
<i>MB read/sec total</i>	214.0

Table 19. Database Read-only Performance for Exchange Server (SUN168)

<i>MB read/sec per storage group</i>	4.3
<i>MB read/sec total</i>	214.3

Log Read-only Performance

This test measures the maximum rate at which the log files can be played against the databases. The following tables show the average rate for 500 log files played in a single storage group. Each log file is 1MB in size.

Table 20. Log Read-only Performance for Exchange Server (SUN165)

<i>Average time to play one log file (sec)</i>	6.27
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Table 21. Log Read-only Performance for Exchange Server (SUN166)

<i>Average time to play one log file (sec)</i>	6.072
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Table 22. Log Read-only Performance for Exchange Server (SUN167)

<i>Average time to play one log file (sec)</i>	6.27
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Table 23. Log Read-only Performance for Exchange Server (SUN168)

<i>Average time to play one log file (sec)</i>	6.08
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Conclusion

This document details a tested configuration capable of supporting 27,200 users with a 0.216 IOPS per user profile and user mailbox size of 500MB. A Hitachi Adaptable Modular Storage 2100, with 8GB of cache and four 4Gb/s Fibre Channel host paths, using Hitachi Dynamic Provisioning software (with two pools) and 120 450GB 15K RPM SAS disks in a RAID-1+0 configuration was used for these tests. Testing confirmed that the 2100 is capable of delivering the IOPS and capacity requirements needed to support 27,200 Exchange mailboxes configured with the specified user profile, while maintaining additional headroom to support peak throughput.

The solution outlined in this document does not include data protection components such as local or remote replication. Adding these technologies may affect performance and capacity requirements and each need to be factored into the storage design accordingly.

For more information about planning Exchange Server 2007 storage architectures for the Hitachi Adaptable Modular Storage 2000 family, see <http://www.hds.com/assets/pdf/hitachi-ams-2000-family.pdf>.

This document is developed by Hitachi Data Systems and reviewed by Microsoft Exchange Product team. The test results and data presented in this document are based on the tests introduced in the ESRP test framework. Do not quote the data directly for pre-deployment verification. It is still necessary to validate the storage design for a specific customer environment.

The ESRP program is not designed to be a benchmarking program; tests do not generate the maximum throughput for a given solution. Rather, it is focused on producing recommendations from vendors for Exchange application. Thus, do not use the data presented in this document for direct comparisons among the solutions.

Appendix A – Test Reports

This appendix contains Jetstress test results for one of the servers used in testing this storage solution. These test results are representative of the results obtained for all of the servers tested.

Performance Test Result: SUN165

Test Summary

Overall Test Result	Pass
Machine Name	SUN165
Test Description	2 hour
Test Start Time	10/13/2009 5:01:30 AM
Test End Time	10/13/2009 9:36:41 AM
Jetstress Version	08.02.0060.000
Ese Version	08.01.0240.005
Operating System	Windows Server (R) 2008 Enterprise Service Pack 1 (6.0.6001.65536)
Performance Log	C:\ESRP_HDP_500MB_RAID10\Performance\Performance_2009_10_13_5_3_15.blg C:\ESRP_HDP_500MB_RAID10\Performance\DBChecksum_2009_10_13_9_36_41.blg

Database Sizing and Throughput

Achieved I/O per Second	1846.971
Target I/O per Second	1468.8
Initial database size	3586653978624
Final database size	3602900615168
Database files (count)	50

Jetstress System Parameters

Thread count	2 (per storage group)
Log buffers	9000
Minimum database cache	1600.0 MB
Maximum database cache	12800.0 MB
Insert operations	40%
Delete operations	30%
Replace operations	5%
Read operations	25%
Lazy commits	55%

Disk Subsystem Performance

Logical Disk	Avg. Disk sec/Read	Avg. Disk sec/Write	Disk Reads/sec	Disk Writes/sec	Avg. Disk Bytes/Write
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Database (C:\asgluns\sg1)	0.011	0.003	20.082	17.015	(n/a)
Database (C:\asgluns\sg2)	0.010	0.003	19.345	16.688	(n/a)
Database (C:\asgluns\sg3)	0.010	0.002	19.709	16.768	(n/a)
Database (C:\asgluns\sg4)	0.010	0.003	19.881	17.376	(n/a)
Database (C:\asgluns\sg5)	0.010	0.002	19.667	16.832	(n/a)
Database (C:\asgluns\sg6)	0.010	0.003	19.744	16.817	(n/a)
Database (C:\asgluns\sg7)	0.010	0.002	19.677	17.132	(n/a)
Database (C:\asgluns\sg8)	0.010	0.003	19.671	17.194	(n/a)
Database (C:\asgluns\sg9)	0.010	0.002	20.255	17.352	(n/a)
Database (C:\asgluns\sg10)	0.010	0.003	19.917	17.079	(n/a)
Database (C:\asgluns\sg11)	0.010	0.002	20.002	16.904	(n/a)
Database (C:\asgluns\sg12)	0.010	0.003	20.464	17.483	(n/a)
Database (C:\asgluns\sg13)	0.010	0.002	20.472	17.555	(n/a)
Database (C:\asgluns\sg14)	0.010	0.003	19.851	17.180	(n/a)
Database (C:\asgluns\sg15)	0.010	0.002	20.332	17.441	(n/a)
Database (C:\asgluns\sg16)	0.010	0.003	19.277	16.447	(n/a)
Database (C:\asgluns\sg17)	0.010	0.002	19.596	17.227	(n/a)
Database (C:\asgluns\sg18)	0.010	0.003	20.111	17.132	(n/a)

Database (C:\asgluns\sg19)	0.010	0.002	19.399	16.928	(n/a)
Database (C:\asgluns\sg20)	0.010	0.003	20.226	17.130	(n/a)
Database (C:\asgluns\sg21)	0.010	0.002	20.130	17.221	(n/a)
Database (C:\asgluns\sg22)	0.010	0.003	19.833	17.028	(n/a)
Database (C:\asgluns\sg23)	0.010	0.002	19.866	17.211	(n/a)
Database (C:\asgluns\sg24)	0.010	0.003	19.764	16.818	(n/a)
Database (C:\asgluns\sg25)	0.010	0.002	19.527	16.867	(n/a)
Database (C:\asgluns\sg26)	0.010	0.003	19.615	16.692	(n/a)
Database (C:\asgluns\sg27)	0.010	0.002	19.694	16.962	(n/a)
Database (C:\asgluns\sg28)	0.010	0.003	19.858	16.940	(n/a)
Database (C:\asgluns\sg29)	0.010	0.002	19.870	17.625	(n/a)
Database (C:\asgluns\sg30)	0.010	0.003	19.618	16.936	(n/a)
Database (C:\asgluns\sg31)	0.010	0.003	19.234	16.604	(n/a)
Database (C:\asgluns\sg32)	0.010	0.003	20.041	17.469	(n/a)
Database (C:\asgluns\sg33)	0.010	0.002	19.584	17.040	(n/a)
Database (C:\asgluns\sg34)	0.010	0.003	19.956	17.109	(n/a)
Database (C:\asgluns\sg35)	0.010	0.002	19.407	16.846	(n/a)
Database (C:\asgluns\sg36)	0.010	0.003	19.496	16.934	(n/a)

Database (C:\asgluns\sg37)	0.010	0.003	19.900	17.315	(n/a)
Database (C:\asgluns\sg38)	0.010	0.003	19.453	16.521	(n/a)
Database (C:\asgluns\sg39)	0.010	0.002	19.421	16.622	(n/a)
Database (C:\asgluns\sg40)	0.010	0.003	20.593	17.536	(n/a)
Database (C:\asgluns\sg41)	0.010	0.002	20.412	17.692	(n/a)
Database (C:\asgluns\sg42)	0.010	0.003	20.203	17.283	(n/a)
Database (C:\asgluns\sg43)	0.010	0.002	20.319	17.560	(n/a)
Database (C:\asgluns\sg44)	0.010	0.003	19.810	17.092	(n/a)
Database (C:\asgluns\sg45)	0.010	0.002	20.482	17.685	(n/a)
Database (C:\asgluns\sg46)	0.010	0.003	19.866	17.271	(n/a)
Database (C:\asgluns\sg47)	0.010	0.002	19.621	16.823	(n/a)
Database (C:\asgluns\sg48)	0.010	0.003	19.811	16.909	(n/a)
Database (C:\asgluns\sg49)	0.010	0.003	19.876	17.217	(n/a)
Database (C:\asgluns\sg50)	0.010	0.003	19.751	16.775	(n/a)
Log (C:\alogluns\log1)	0.000	0.001	0.000	14.019	4154.027
Log (C:\alogluns\log2)	0.000	0.001	0.000	13.818	4125.473
Log (C:\alogluns\log3)	0.000	0.001	0.000	13.817	4187.080
Log (C:\alogluns\log4)	0.000	0.001	0.000	14.227	4114.782
Log (C:\alogluns\log5)	0.000	0.001	0.000	13.978	4123.414
Log (C:\alogluns\log6)	0.000	0.001	0.000	13.892	4048.306

Log (C:\alogluns\log7)	0.000	0.001	0.000	14.249	4087.975
Log (C:\alogluns\log8)	0.000	0.001	0.000	14.141	4184.405
Log (C:\alogluns\log9)	0.000	0.001	0.000	14.154	4150.121
Log (C:\alogluns\log10)	0.000	0.001	0.000	13.984	4076.570
Log (C:\alogluns\log11)	0.000	0.001	0.000	14.095	4134.602
Log (C:\alogluns\log12)	0.000	0.001	0.000	14.220	4066.800
Log (C:\alogluns\log13)	0.000	0.001	0.000	14.446	4199.870
Log (C:\alogluns\log14)	0.000	0.001	0.000	14.328	4216.004
Log (C:\alogluns\log15)	0.000	0.001	0.000	14.406	4132.133
Log (C:\alogluns\log16)	0.000	0.001	0.000	13.638	4171.706
Log (C:\alogluns\log17)	0.000	0.001	0.000	14.203	4134.669
Log (C:\alogluns\log18)	0.000	0.001	0.000	14.070	4164.375
Log (C:\alogluns\log19)	0.000	0.001	0.000	13.983	4155.695
Log (C:\alogluns\log20)	0.000	0.001	0.000	14.139	4116.245
Log (C:\alogluns\log21)	0.000	0.001	0.000	14.275	4094.610
Log (C:\alogluns\log22)	0.000	0.001	0.000	14.036	4141.753
Log (C:\alogluns\log23)	0.000	0.001	0.000	14.199	4223.070
Log (C:\alogluns\log24)	0.000	0.001	0.000	13.972	4123.746
Log (C:\alogluns\log25)	0.000	0.001	0.000	13.930	4159.867
Log (C:\alogluns\log26)	0.000	0.001	0.000	14.009	4202.681
Log (C:\alogluns\log27)	0.000	0.001	0.000	14.011	4116.543
Log (C:\alogluns\log28)	0.000	0.001	0.000	13.950	4179.360
Log (C:\alogluns\log29)	0.000	0.001	0.000	14.674	4206.313
Log (C:\alogluns\log30)	0.000	0.001	0.000	14.195	4096.914
Log (C:\alogluns\log31)	0.000	0.001	0.000	13.832	4110.145
Log (C:\alogluns\log32)	0.000	0.001	0.000	14.232	4261.203
Log (C:\alogluns\log33)	0.000	0.001	0.000	14.091	4227.438
Log (C:\alogluns\log34)	0.000	0.001	0.000	14.161	4106.074
Log (C:\alogluns\log35)	0.000	0.001	0.000	14.045	4155.222

Log (C:\alogluns\log36)	0.000	0.001	0.000	13.977	4247.673
Log (C:\alogluns\log37)	0.000	0.001	0.000	14.013	4127.632
Log (C:\alogluns\log38)	0.000	0.001	0.000	13.597	4221.264
Log (C:\alogluns\log39)	0.000	0.001	0.000	13.776	4204.680
Log (C:\alogluns\log40)	0.000	0.001	0.000	14.343	4052.959
Log (C:\alogluns\log41)	0.000	0.001	0.000	14.505	4175.775
Log (C:\alogluns\log42)	0.000	0.001	0.000	14.290	4134.188
Log (C:\alogluns\log43)	0.000	0.001	0.000	14.379	4029.728
Log (C:\alogluns\log44)	0.000	0.001	0.000	14.255	4158.461
Log (C:\alogluns\log45)	0.000	0.001	0.000	14.365	4153.658
Log (C:\alogluns\log46)	0.000	0.001	0.000	14.250	4170.856
Log (C:\alogluns\log47)	0.000	0.001	0.000	13.955	4230.649
Log (C:\alogluns\log48)	0.000	0.001	0.000	13.826	4079.332
Log (C:\alogluns\log49)	0.000	0.001	0.000	14.384	4187.458
Log (C:\alogluns\log50)	0.000	0.001	0.000	13.810	4085.127

Host System Performance

<i>Counter</i>	<i>Average</i>	<i>Minimum</i>	<i>Maximum</i>
% Processor Time	0.946	0.622	1.360
Available MBytes	16983.241	16927.000	18208.000
Free System Page Table Entries	33562880.285	33561646.000	33564475.000
Transition Pages RePurposed/sec	0.000	0.000	0.000
Pool Nonpaged Bytes	148400689.688	148058112.000	148721664.000
Pool Paged Bytes	198701185.620	198692864.000	198774784.000
Database Page Fault Stalls/sec	0.000	0.000	0.000

Test Log

```

10/13/2009 5:01:30 AM -- Jetstress testing begins ...
10/13/2009 5:01:30 AM -- Prepare testing begins ...
10/13/2009 5:02:21 AM -- Attaching databases ...
10/13/2009 5:02:21 AM -- Prepare testing ends.
10/13/2009 5:02:21 AM -- Dispatching transactions begins ...
10/13/2009 5:02:21 AM -- Database cache settings: (minimum: 1.6 GB, maximum: 12.5
GB)
10/13/2009 5:02:21 AM -- Database flush thresholds: (start: 128.0 MB, stop: 256.0
MB)
10/13/2009 5:03:15 AM -- Database read latency thresholds: (average: 0.02

```

seconds/read, maximum: 0.05 seconds/read).
10/13/2009 5:03:15 AM -- Log write latency thresholds: (average: 0.01 seconds/write, maximum: 0.05 seconds/write).
10/13/2009 5:03:20 AM -- Operation mix: Sessions 2, Inserts 40%, Deletes 30%, Replaces 5%, Reads 25%, Lazy Commits 55%.
10/13/2009 5:03:20 AM -- Performance logging begins (interval: 15000 ms).
10/13/2009 5:03:20 AM -- Attaining prerequisites:
10/13/2009 5:58:14 AM -- \MSEExchange Database(Jetstresswin)\Database Cache Size, Last: 12080780000.0 (lower bound: 12079600000.0, upper bound: none)
10/13/2009 7:58:15 AM -- Performance logging ends.
10/13/2009 9:36:30 AM -- JetInterop batch transaction stats: 10820, 10794, 10882, 10860, 10835, 10739, 10886, 10855, 10899, 10749, 10850, 10891, 11052, 10987, 10899, 10651, 10926, 11000, 10765, 10940, 10925, 10847, 10940, 10859, 10890, 10764, 10602, 10913, 10769, 10800, 10789, 10851, 10895, 10660, 10697, 10909, 10825, 10541, 10675, 11039, 10897, 10808, 10887, 10896, 10849, 10781, 10707, 10783, 10968, and 10699.
10/13/2009 9:36:30 AM -- Dispatching transactions ends.
10/13/2009 9:36:30 AM -- Shutting down databases ...
10/13/2009 9:36:41 AM -- Instance3732.1 (complete), Instance3732.2 (complete), Instance3732.3 (complete), Instance3732.4 (complete), Instance3732.5 (complete), Instance3732.6 (complete), Instance3732.7 (complete), Instance3732.8 (complete), Instance3732.9 (complete), Instance3732.10 (complete), Instance3732.11 (complete), Instance3732.12 (complete), Instance3732.13 (complete), Instance3732.14 (complete), Instance3732.15 (complete), Instance3732.16 (complete), Instance3732.17 (complete), Instance3732.18 (complete), Instance3732.19 (complete), Instance3732.20 (complete), Instance3732.21 (complete), Instance3732.22 (complete), Instance3732.23 (complete), Instance3732.24 (complete), Instance3732.25 (complete), Instance3732.26 (complete), Instance3732.27 (complete), Instance3732.28 (complete), Instance3732.29 (complete), Instance3732.30 (complete), Instance3732.31 (complete), Instance3732.32 (complete), Instance3732.33 (complete), Instance3732.34 (complete), Instance3732.35 (complete), Instance3732.36 (complete), Instance3732.37 (complete), Instance3732.38 (complete), Instance3732.39 (complete), Instance3732.40 (complete), Instance3732.41 (complete), Instance3732.42 (complete), Instance3732.43 (complete), Instance3732.44 (complete), Instance3732.45 (complete), Instance3732.46 (complete), Instance3732.47 (complete), Instance3732.48 (complete), Instance3732.49 (complete), and Instance3732.50 (complete)
10/13/2009 9:36:42 AM -- Performance logging begins (interval: 30000 ms).
10/13/2009 9:36:42 AM -- Verifying database checksums ...
10/13/2009 2:56:06 PM -- C:\asgluns\sg1 (100% processed), C:\asgluns\sg2 (100% processed), C:\asgluns\sg3 (100% processed), C:\asgluns\sg4 (100% processed), C:\asgluns\sg5 (100% processed), C:\asgluns\sg6 (100% processed), C:\asgluns\sg7 (100% processed), C:\asgluns\sg8 (100% processed), C:\asgluns\sg9 (100% processed), C:\asgluns\sg10 (100% processed), C:\asgluns\sg11 (100% processed), C:\asgluns\sg12 (100% processed), C:\asgluns\sg13 (100% processed), C:\asgluns\sg14 (100% processed), C:\asgluns\sg15 (100% processed), C:\asgluns\sg16 (100% processed), C:\asgluns\sg17 (100% processed), C:\asgluns\sg18 (100% processed), C:\asgluns\sg19 (100% processed), C:\asgluns\sg20 (100% processed), C:\asgluns\sg21 (100% processed), C:\asgluns\sg22 (100% processed), C:\asgluns\sg23 (100% processed), C:\asgluns\sg24 (100% processed), C:\asgluns\sg25 (100% processed), C:\asgluns\sg26 (100% processed), C:\asgluns\sg27 (100% processed), C:\asgluns\sg28 (100% processed), C:\asgluns\sg29 (100% processed), C:\asgluns\sg30 (100% processed), C:\asgluns\sg31 (100% processed), C:\asgluns\sg32 (100% processed), C:\asgluns\sg33 (100% processed), C:\asgluns\sg34 (100% processed), C:\asgluns\sg35 (100% processed), C:\asgluns\sg36 (100% processed), C:\asgluns\sg37 (100% processed), C:\asgluns\sg38 (100% processed), C:\asgluns\sg39 (100% processed), C:\asgluns\sg40 (100% processed), C:\asgluns\sg41 (100% processed), C:\asgluns\sg42 (100% processed), C:\asgluns\sg43 (100% processed), C:\asgluns\sg44 (100% processed), C:\asgluns\sg45 (100% processed), C:\asgluns\sg46 (100% processed), C:\asgluns\sg47 (100% processed), C:\asgluns\sg48 (100% processed), C:\asgluns\sg49 (100% processed), and C:\asgluns\sg50 (100% processed)

10/13/2009 2:56:06 PM -- Performance logging ends.
 10/13/2009 2:56:06 PM --
 C:\ESRP_HDP_500MB_RAID10\Performance\DBChecksum_2009_10_13_9_36_41.blg has 635 samples.
 10/13/2009 3:02:04 PM --
 C:\ESRP_HDP_500MB_RAID10\Performance\DBChecksum_2009_10_13_9_36_41.html is saved.
 10/13/2009 3:02:04 PM -- Verifying log checksums ...
 10/13/2009 3:02:17 PM -- C:\alogluns\log1 (2 logs passed), C:\alogluns\log2 (2 logs passed), C:\alogluns\log3 (2 logs passed), C:\alogluns\log4 (2 logs passed), C:\alogluns\log5 (2 logs passed), C:\alogluns\log6 (2 logs passed), C:\alogluns\log7 (2 logs passed), C:\alogluns\log8 (2 logs passed), C:\alogluns\log9 (2 logs passed), C:\alogluns\log10 (2 logs passed), C:\alogluns\log11 (2 logs passed), C:\alogluns\log12 (2 logs passed), C:\alogluns\log13 (2 logs passed), C:\alogluns\log14 (2 logs passed), C:\alogluns\log15 (2 logs passed), C:\alogluns\log16 (2 logs passed), C:\alogluns\log17 (2 logs passed), C:\alogluns\log18 (2 logs passed), C:\alogluns\log19 (2 logs passed), C:\alogluns\log20 (2 logs passed), C:\alogluns\log21 (2 logs passed), C:\alogluns\log22 (2 logs passed), C:\alogluns\log23 (2 logs passed), C:\alogluns\log24 (2 logs passed), C:\alogluns\log25 (2 logs passed), C:\alogluns\log26 (2 logs passed), C:\alogluns\log27 (2 logs passed), C:\alogluns\log28 (2 logs passed), C:\alogluns\log29 (2 logs passed), C:\alogluns\log30 (2 logs passed), C:\alogluns\log31 (2 logs passed), C:\alogluns\log32 (2 logs passed), C:\alogluns\log33 (2 logs passed), C:\alogluns\log34 (2 logs passed), C:\alogluns\log35 (2 logs passed), C:\alogluns\log36 (2 logs passed), C:\alogluns\log37 (2 logs passed), C:\alogluns\log38 (2 logs passed), C:\alogluns\log39 (2 logs passed), C:\alogluns\log40 (2 logs passed), C:\alogluns\log41 (2 logs passed), C:\alogluns\log42 (2 logs passed), C:\alogluns\log43 (2 logs passed), C:\alogluns\log44 (2 logs passed), C:\alogluns\log45 (2 logs passed), C:\alogluns\log46 (2 logs passed), C:\alogluns\log47 (2 logs passed), C:\alogluns\log48 (2 logs passed), C:\alogluns\log49 (2 logs passed), and C:\alogluns\log50 (2 logs passed)
 10/13/2009 3:02:17 PM --
 C:\ESRP_HDP_500MB_RAID10\Performance\Performance_2009_10_13_5_3_15.blg has 690 samples.
 10/13/2009 3:02:17 PM -- Creating test report ...
 10/13/2009 3:02:55 PM -- Volume C:\asgluns\sg1 has 0.0112 for Avg. Disk sec/Read.
 10/13/2009 3:02:55 PM -- Volume C:\asgluns\sg2 has 0.0100 for Avg. Disk sec/Read.
 10/13/2009 3:02:55 PM -- Volume C:\asgluns\sg3 has 0.0099 for Avg. Disk sec/Read.
 10/13/2009 3:02:55 PM -- Volume C:\asgluns\sg4 has 0.0101 for Avg. Disk sec/Read.
 10/13/2009 3:02:55 PM -- Volume C:\asgluns\sg5 has 0.0100 for Avg. Disk sec/Read.
 10/13/2009 3:02:55 PM -- Volume C:\asgluns\sg6 has 0.0099 for Avg. Disk sec/Read.
 10/13/2009 3:02:55 PM -- Volume C:\asgluns\sg7 has 0.0100 for Avg. Disk sec/Read.
 10/13/2009 3:02:55 PM -- Volume C:\asgluns\sg8 has 0.0098 for Avg. Disk sec/Read.
 10/13/2009 3:02:55 PM -- Volume C:\asgluns\sg9 has 0.0102 for Avg. Disk sec/Read.
 10/13/2009 3:02:55 PM -- Volume C:\asgluns\sg10 has 0.0101 for Avg. Disk sec/Read.
 10/13/2009 3:02:55 PM -- Volume C:\asgluns\sg11 has 0.0102 for Avg. Disk sec/Read.
 10/13/2009 3:02:55 PM -- Volume C:\asgluns\sg12 has 0.0101 for Avg. Disk sec/Read.
 10/13/2009 3:02:56 PM -- Volume C:\asgluns\sg13 has 0.0099 for Avg. Disk sec/Read.
 10/13/2009 3:02:56 PM -- Volume C:\asgluns\sg14 has 0.0101 for Avg. Disk sec/Read.
 10/13/2009 3:02:56 PM -- Volume C:\asgluns\sg15 has 0.0102 for Avg. Disk sec/Read.
 10/13/2009 3:02:56 PM -- Volume C:\asgluns\sg16 has 0.0099 for Avg. Disk sec/Read.
 10/13/2009 3:02:56 PM -- Volume C:\asgluns\sg17 has 0.0100 for Avg. Disk sec/Read.
 10/13/2009 3:02:56 PM -- Volume C:\asgluns\sg18 has 0.0102 for Avg. Disk sec/Read.
 10/13/2009 3:02:56 PM -- Volume C:\asgluns\sg19 has 0.0100 for Avg. Disk sec/Read.

10/13/2009 3:02:56 PM -- volume C:\asgluns\sg20 has 0.0102 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:56 PM -- volume C:\asgluns\sg21 has 0.0100 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:56 PM -- volume C:\asgluns\sg22 has 0.0099 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:56 PM -- volume C:\asgluns\sg23 has 0.0099 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:56 PM -- volume C:\asgluns\sg24 has 0.0102 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:56 PM -- volume C:\asgluns\sg25 has 0.0099 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:56 PM -- volume C:\asgluns\sg26 has 0.0102 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:56 PM -- volume C:\asgluns\sg27 has 0.0100 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:56 PM -- volume C:\asgluns\sg28 has 0.0102 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:56 PM -- volume C:\asgluns\sg29 has 0.0100 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:56 PM -- volume C:\asgluns\sg30 has 0.0100 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:56 PM -- volume C:\asgluns\sg31 has 0.0099 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg32 has 0.0098 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg33 has 0.0100 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg34 has 0.0100 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg35 has 0.0100 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg36 has 0.0102 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg37 has 0.0100 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg38 has 0.0101 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg39 has 0.0100 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg40 has 0.0100 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg41 has 0.0100 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg42 has 0.0099 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg43 has 0.0098 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg44 has 0.0101 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg45 has 0.0100 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg46 has 0.0101 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg47 has 0.0100 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg48 has 0.0100 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg49 has 0.0100 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\asgluns\sg50 has 0.0101 for Avg. Disk
 sec/Read.
 10/13/2009 3:02:57 PM -- volume C:\alogluns\log1 has 0.0008 for Avg. Disk
 sec/Write.
 10/13/2009 3:02:57 PM -- volume C:\alogluns\log1 has 0.0000 for Avg. Disk

10/13/2009 3:02:59 PM -- volume C:\alogluns\log50 has 0.0000 for Avg. Disk sec/Read.
 10/13/2009 3:02:59 PM -- Test has 0 Maximum Database Page Fault Stalls/sec.
 10/13/2009 3:02:59 PM -- Test has 0 Database Page Fault Stalls/sec samples higher than 0.
 10/13/2009 3:02:59 PM --
 C:\ESRP_HDP_500MB_RAID10\Performance\Performance_2009_10_13_5_3_15.xml has 473 samples queried.

Performance Test Database Checksums Result: SUN165

Checksum Statistics - All

<i>Database</i>	<i>Seen pages</i>	<i>Bad pages</i>	<i>Correctable pages</i>	<i>Wrong page no pages</i>	<i>File length / seconds taken</i>
C:\asgluns\sg1\Jetstress1.edb	8796482	0	0	0	68722 MBytes / 19156 seconds
C:\asgluns\sg2\Jetstress1.edb	8796738	0	0	0	68724 MBytes / 19043 seconds
C:\asgluns\sg3\Jetstress1.edb	8794690	0	0	0	68708 MBytes / 18327 seconds
C:\asgluns\sg4\Jetstress1.edb	8797506	0	0	0	68730 MBytes / 19074 seconds
C:\asgluns\sg5\Jetstress1.edb	8796482	0	0	0	68722 MBytes / 18336 seconds
C:\asgluns\sg6\Jetstress1.edb	8795714	0	0	0	68716 MBytes / 19153 seconds
C:\asgluns\sg7\Jetstress1.edb	8794946	0	0	0	68710 MBytes / 18385 seconds
C:\asgluns\sg8\Jetstress1.edb	8795714	0	0	0	68716 MBytes / 19042 seconds
C:\asgluns\sg9\Jetstress1.edb	8796994	0	0	0	68726 MBytes / 18346 seconds
C:\asgluns\sg10\Jetstress1.edb	8794434	0	0	0	68706 MBytes / 19130 seconds
C:\asgluns\sg11\Jetstress1.edb	8795714	0	0	0	68716 MBytes / 18365 seconds
C:\asgluns\sg12\Jetstress1.edb	8795202	0	0	0	68712 MBytes / 19091 seconds
C:\asgluns\sg13\Jetstress1.edb	8796482	0	0	0	68722 MBytes / 18370 seconds
C:\asgluns\sg14\Jetstress1.edb	8796482	0	0	0	68722 MBytes / 19144 seconds
C:\asgluns\sg15\Jetstress1.edb	8797250	0	0	0	68728 MBytes / 18393 seconds
C:\asgluns\sg16\Jetstress1.edb	8795714	0	0	0	68716 MBytes / 19089 seconds
C:\asgluns\sg17\Jetstress1.edb	8797250	0	0	0	68728 MBytes / 18393 seconds

C:\asgluns\sg18\Jetstress1.edb	8796226	0	0	0	68720 MBytes / 19161 seconds
C:\asgluns\sg19\Jetstress1.edb	8795202	0	0	0	68712 MBytes / 18377 seconds
C:\asgluns\sg20\Jetstress1.edb	8795458	0	0	0	68714 MBytes / 19161 seconds
C:\asgluns\sg21\Jetstress1.edb	8796738	0	0	0	68724 MBytes / 18401 seconds
C:\asgluns\sg22\Jetstress1.edb	8796994	0	0	0	68726 MBytes / 19159 seconds
C:\asgluns\sg23\Jetstress1.edb	8795970	0	0	0	68718 MBytes / 18326 seconds
C:\asgluns\sg24\Jetstress1.edb	8796482	0	0	0	68722 MBytes / 19150 seconds
C:\asgluns\sg25\Jetstress1.edb	8796994	0	0	0	68726 MBytes / 18365 seconds
C:\asgluns\sg26\Jetstress1.edb	8797250	0	0	0	68728 MBytes / 19137 seconds
C:\asgluns\sg27\Jetstress1.edb	8795202	0	0	0	68712 MBytes / 18369 seconds
C:\asgluns\sg28\Jetstress1.edb	8795970	0	0	0	68718 MBytes / 19146 seconds
C:\asgluns\sg29\Jetstress1.edb	8797762	0	0	0	68732 MBytes / 18377 seconds
C:\asgluns\sg30\Jetstress1.edb	8796482	0	0	0	68722 MBytes / 19106 seconds
C:\asgluns\sg31\Jetstress1.edb	8796482	0	0	0	68722 MBytes / 18367 seconds
C:\asgluns\sg32\Jetstress1.edb	8795970	0	0	0	68718 MBytes / 19158 seconds
C:\asgluns\sg33\Jetstress1.edb	8795714	0	0	0	68716 MBytes / 18378 seconds
C:\asgluns\sg34\Jetstress1.edb	8795202	0	0	0	68712 MBytes / 19151 seconds
C:\asgluns\sg35\Jetstress1.edb	8794946	0	0	0	68710 MBytes / 18289 seconds
C:\asgluns\sg36\Jetstress1.edb	8797762	0	0	0	68732 MBytes / 19146 seconds
C:\asgluns\sg37\Jetstress1.edb	8796226	0	0	0	68720 MBytes / 18333 seconds
C:\asgluns\sg38\Jetstress1.edb	8794178	0	0	0	68704 MBytes / 19149 seconds
C:\asgluns\sg39\Jetstress1.edb	8797506	0	0	0	68730 MBytes / 18351 seconds
C:\asgluns\sg40\Jetstress1.edb	8796482	0	0	0	68722 MBytes / 19150 seconds

					seconds
C:\asgluns\sg41\Jetstress1.edb	8795458	0	0	0	68714 MBytes / 18387 seconds
C:\asgluns\sg42\Jetstress1.edb	8795714	0	0	0	68716 MBytes / 19115 seconds
C:\asgluns\sg43\Jetstress1.edb	8796226	0	0	0	68720 MBytes / 18349 seconds
C:\asgluns\sg44\Jetstress1.edb	8796482	0	0	0	68722 MBytes / 19104 seconds
C:\asgluns\sg45\Jetstress1.edb	8795714	0	0	0	68716 MBytes / 18385 seconds
C:\asgluns\sg46\Jetstress1.edb	8795970	0	0	0	68718 MBytes / 19142 seconds
C:\asgluns\sg47\Jetstress1.edb	8794690	0	0	0	68708 MBytes / 18387 seconds
C:\asgluns\sg48\Jetstress1.edb	8795970	0	0	0	68718 MBytes / 19143 seconds
C:\asgluns\sg49\Jetstress1.edb	8797506	0	0	0	68730 MBytes / 18321 seconds
C:\asgluns\sg50\Jetstress1.edb	8796482	0	0	0	68722 MBytes / 19138 seconds
(Sum)	439807204	0	0	0	3435993 MBytes / 19164 seconds

Disk Subsystem Performance of Checksum

<i>Logical Disk</i>	<i>Avg. Disk sec/Read</i>	<i>Avg. Disk sec/Write</i>	<i>Disk Reads/sec</i>	<i>Disk Writes/sec</i>
C:\asgluns\sg1	0.280	0.000	57.241	0.000
C:\asgluns\sg2	0.273	0.000	57.696	0.000
C:\asgluns\sg3	0.262	0.000	59.953	0.000
C:\asgluns\sg4	0.273	0.000	57.614	0.000
C:\asgluns\sg5	0.265	0.000	59.931	0.000
C:\asgluns\sg6	0.280	0.000	57.297	0.000
C:\asgluns\sg7	0.264	0.000	59.629	0.000
C:\asgluns\sg8	0.273	0.000	57.698	0.000
C:\asgluns\sg9	0.263	0.000	59.895	0.000
C:\asgluns\sg10	0.275	0.000	57.391	0.000
C:\asgluns\sg11	0.263	0.000	59.815	0.000
C:\asgluns\sg12	0.275	0.000	57.560	0.000
C:\asgluns\sg13	0.264	0.000	59.797	0.000
C:\asgluns\sg14	0.279	0.000	57.391	0.000
C:\asgluns\sg15	0.264	0.000	59.697	0.000

C:\asgluns\sg16	0.273	0.001	57.564	0.000
C:\asgluns\sg17	0.265	0.000	59.700	0.000
C:\asgluns\sg18	0.280	0.001	57.079	0.000
C:\asgluns\sg19	0.264	0.000	59.728	0.000
C:\asgluns\sg20	0.281	0.000	57.058	0.000
C:\asgluns\sg21	0.265	0.000	59.435	0.000
C:\asgluns\sg22	0.278	0.000	57.152	0.000
C:\asgluns\sg23	0.263	0.000	59.973	0.000
C:\asgluns\sg24	0.277	0.000	57.326	0.000
C:\asgluns\sg25	0.264	0.000	59.839	0.000
C:\asgluns\sg26	0.278	0.001	57.380	0.000
C:\asgluns\sg27	0.263	0.000	59.800	0.000
C:\asgluns\sg28	0.276	0.000	57.368	0.000
C:\asgluns\sg29	0.266	0.001	59.734	0.000
C:\asgluns\sg30	0.275	0.000	57.538	0.000
C:\asgluns\sg31	0.264	0.000	59.819	0.000
C:\asgluns\sg32	0.279	0.000	56.795	0.000
C:\asgluns\sg33	0.264	0.001	59.687	0.000
C:\asgluns\sg34	0.282	0.000	57.179	0.000
C:\asgluns\sg35	0.262	0.000	60.113	0.000
C:\asgluns\sg36	0.280	0.000	57.351	0.000
C:\asgluns\sg37	0.262	0.000	59.982	0.000
C:\asgluns\sg38	0.276	0.000	57.212	0.000
C:\asgluns\sg39	0.263	0.000	59.917	0.000
C:\asgluns\sg40	0.279	0.000	57.158	0.000
C:\asgluns\sg41	0.264	0.001	59.652	0.000
C:\asgluns\sg42	0.275	0.000	57.478	0.000
C:\asgluns\sg43	0.262	0.000	59.908	0.000
C:\asgluns\sg44	0.276	0.000	57.538	0.000
C:\asgluns\sg45	0.265	0.001	59.645	0.000
C:\asgluns\sg46	0.278	0.000	57.301	0.000
C:\asgluns\sg47	0.265	0.001	59.566	0.000
C:\asgluns\sg48	0.277	0.000	57.279	0.000
C:\asgluns\sg49	0.262	0.000	60.019	0.000
C:\asgluns\sg50	0.275	0.001	57.389	0.000

Memory System Performance of Checksum

Counter	Average	Minimum	Maximum
% Processor Time	1.261	0.728	1.500
Available MBytes	30140.839	30115.000	30183.000
Free System Page Table Entries	33561372.770	33561056.000	33563651.000
Transition Pages RePurposed/sec	0.000	0.000	0.000
Pool Nonpaged Bytes	150117496.945	149893120.000	150155264.000
Pool Paged Bytes	198739093.972	197795840.000	225046528.000

Test Log

```
10/13/2009 5:01:30 AM -- Jetstress testing begins ...
10/13/2009 5:01:30 AM -- Prepare testing begins ...
10/13/2009 5:02:21 AM -- Attaching databases ...
10/13/2009 5:02:21 AM -- Prepare testing ends.
10/13/2009 5:02:21 AM -- Dispatching transactions begins ...
10/13/2009 5:02:21 AM -- Database cache settings: (minimum: 1.6 GB, maximum: 12.5
GB)
10/13/2009 5:02:21 AM -- Database flush thresholds: (start: 128.0 MB, stop: 256.0
MB)
10/13/2009 5:03:15 AM -- Database read latency thresholds: (average: 0.02
seconds/read, maximum: 0.05 seconds/read).
10/13/2009 5:03:15 AM -- Log write latency thresholds: (average: 0.01
seconds/write, maximum: 0.05 seconds/write).
10/13/2009 5:03:20 AM -- Operation mix: Sessions 2, Inserts 40%, Deletes 30%,
Replaces 5%, Reads 25%, Lazy Commits 55%.
10/13/2009 5:03:20 AM -- Performance logging begins (interval: 15000 ms).
10/13/2009 5:03:20 AM -- Attaining prerequisites:
10/13/2009 5:58:14 AM -- \MSExchange Database(Jetstresswin)\Database Cache Size,
Last: 12080780000.0 (lower bound: 12079600000.0, upper bound: none)
10/13/2009 7:58:15 AM -- Performance logging ends.
10/13/2009 9:36:30 AM -- JetInterop batch transaction stats: 10820, 10794, 10882,
10860, 10835, 10739, 10886, 10855, 10899, 10749, 10850, 10891, 11052, 10987,
10899, 10651, 10926, 11000, 10765, 10940, 10925, 10847, 10940, 10859, 10890,
10764, 10602, 10913, 10769, 10800, 10789, 10851, 10895, 10660, 10697, 10909,
10825, 10541, 10675, 11039, 10897, 10808, 10887, 10896, 10849, 10781, 10707,
10783, 10968, and 10699.
10/13/2009 9:36:30 AM -- Dispatching transactions ends.
10/13/2009 9:36:30 AM -- Shutting down databases ...
10/13/2009 9:36:41 AM -- Instance3732.1 (complete), Instance3732.2 (complete),
Instance3732.3 (complete), Instance3732.4 (complete), Instance3732.5 (complete),
Instance3732.6 (complete), Instance3732.7 (complete), Instance3732.8 (complete),
Instance3732.9 (complete), Instance3732.10 (complete), Instance3732.11
(complete), Instance3732.12 (complete), Instance3732.13 (complete),
Instance3732.14 (complete), Instance3732.15 (complete), Instance3732.16
(complete), Instance3732.17 (complete), Instance3732.18 (complete),
Instance3732.19 (complete), Instance3732.20 (complete), Instance3732.21
(complete), Instance3732.22 (complete), Instance3732.23 (complete),
Instance3732.24 (complete), Instance3732.25 (complete), Instance3732.26
(complete), Instance3732.27 (complete), Instance3732.28 (complete),
Instance3732.29 (complete), Instance3732.30 (complete), Instance3732.31
(complete), Instance3732.32 (complete), Instance3732.33 (complete),
Instance3732.34 (complete), Instance3732.35 (complete), Instance3732.36
(complete), Instance3732.37 (complete), Instance3732.38 (complete),
Instance3732.39 (complete), Instance3732.40 (complete), Instance3732.41
(complete), Instance3732.42 (complete), Instance3732.43 (complete),
Instance3732.44 (complete), Instance3732.45 (complete), Instance3732.46
```

(complete), Instance3732.47 (complete), Instance3732.48 (complete), Instance3732.49 (complete), and Instance3732.50 (complete)
 10/13/2009 9:36:42 AM -- Performance logging begins (interval: 30000 ms).
 10/13/2009 9:36:42 AM -- Verifying database checksums ...
 10/13/2009 2:56:06 PM -- C:\asgluns\sg1 (100% processed), C:\asgluns\sg2 (100% processed), C:\asgluns\sg3 (100% processed), C:\asgluns\sg4 (100% processed), C:\asgluns\sg5 (100% processed), C:\asgluns\sg6 (100% processed), C:\asgluns\sg7 (100% processed), C:\asgluns\sg8 (100% processed), C:\asgluns\sg9 (100% processed), C:\asgluns\sg10 (100% processed), C:\asgluns\sg11 (100% processed), C:\asgluns\sg12 (100% processed), C:\asgluns\sg13 (100% processed), C:\asgluns\sg14 (100% processed), C:\asgluns\sg15 (100% processed), C:\asgluns\sg16 (100% processed), C:\asgluns\sg17 (100% processed), C:\asgluns\sg18 (100% processed), C:\asgluns\sg19 (100% processed), C:\asgluns\sg20 (100% processed), C:\asgluns\sg21 (100% processed), C:\asgluns\sg22 (100% processed), C:\asgluns\sg23 (100% processed), C:\asgluns\sg24 (100% processed), C:\asgluns\sg25 (100% processed), C:\asgluns\sg26 (100% processed), C:\asgluns\sg27 (100% processed), C:\asgluns\sg28 (100% processed), C:\asgluns\sg29 (100% processed), C:\asgluns\sg30 (100% processed), C:\asgluns\sg31 (100% processed), C:\asgluns\sg32 (100% processed), C:\asgluns\sg33 (100% processed), C:\asgluns\sg34 (100% processed), C:\asgluns\sg35 (100% processed), C:\asgluns\sg36 (100% processed), C:\asgluns\sg37 (100% processed), C:\asgluns\sg38 (100% processed), C:\asgluns\sg39 (100% processed), C:\asgluns\sg40 (100% processed), C:\asgluns\sg41 (100% processed), C:\asgluns\sg42 (100% processed), C:\asgluns\sg43 (100% processed), C:\asgluns\sg44 (100% processed), C:\asgluns\sg45 (100% processed), C:\asgluns\sg46 (100% processed), C:\asgluns\sg47 (100% processed), C:\asgluns\sg48 (100% processed), C:\asgluns\sg49 (100% processed), and C:\asgluns\sg50 (100% processed)
 10/13/2009 2:56:06 PM -- Performance logging ends.
 10/13/2009 2:56:06 PM --
 C:\ESRP_HDP_500MB_RAID10\Performance\DBChecksum_2009_10_13_9_36_41.blg has 635 samples.

Stress Test Database Performance Result: SUN165

Test Summary

Overall Test Result	Pass
Machine Name	SUN165
Test Description	24 hour
Test Start Time	10/13/2009 9:00:35 PM
Test End Time	10/14/2009 10:39:54 PM
Jetstress Version	08.02.0060.000
Ese Version	08.01.0240.005
Operating System	Windows Server (R) 2008 Enterprise Service Pack 1 (6.0.6001.65536)
Performance Log	C:\ESRP_HDP_500MB_RAID10\Stress\Stress_2009_10_13_21_2_20.blg C:\ESRP_HDP_500MB_RAID10\Stress\DBChecksum_2009_10_14_22_39_54.blg

Database Sizing and Throughput

Achieved I/O per Second	1840.29
Target I/O per Second	1468.8
Initial database size	3602900615168

Final database size	3688653160448
Database files (count)	50

Jetstress System Parameters

Thread count	2 (per storage group)
Log buffers	9000
Minimum database cache	1600.0 MB
Maximum database cache	12800.0 MB
Insert operations	40%
Delete operations	30%
Replace operations	5%
Read operations	25%
Lazy commits	55%

Disk Subsystem Performance

Logical Disk	Avg. Disk sec/Read	Avg. Disk sec/Write	Disk Reads/sec	Disk Writes/sec	Avg. Disk Bytes/Write
Database (C:\asgluns\sg1)	0.011	0.003	20.095	16.806	(n/a)
Database (C:\asgluns\sg2)	0.010	0.003	20.052	16.735	(n/a)
Database (C:\asgluns\sg3)	0.010	0.003	20.305	16.934	(n/a)
Database (C:\asgluns\sg4)	0.010	0.003	20.146	16.859	(n/a)
Database (C:\asgluns\sg5)	0.010	0.003	20.135	16.780	(n/a)
Database (C:\asgluns\sg6)	0.010	0.003	20.156	16.790	(n/a)
Database (C:\asgluns\sg7)	0.010	0.003	20.048	16.810	(n/a)
Database (C:\asgluns\sg8)	0.010	0.003	19.878	16.659	(n/a)
Database (C:\asgluns\sg9)	0.010	0.003	20.061	16.795	(n/a)
Database (C:\asgluns\sg10)	0.010	0.003	20.114	16.890	(n/a)
Database (C:\asgluns\sg11)	0.010	0.003	19.977	16.664	(n/a)
Database (C:\asgluns\sg12)	0.010	0.003	20.159	16.839	(n/a)

Database (C:\asgluns\sg13)	0.010	0.002	20.086	16.822	(n/a)
Database (C:\asgluns\sg14)	0.010	0.003	20.108	16.731	(n/a)
Database (C:\asgluns\sg15)	0.010	0.002	20.119	16.841	(n/a)
Database (C:\asgluns\sg16)	0.010	0.003	19.975	16.722	(n/a)
Database (C:\asgluns\sg17)	0.010	0.002	19.841	16.606	(n/a)
Database (C:\asgluns\sg18)	0.010	0.003	19.933	16.655	(n/a)
Database (C:\asgluns\sg19)	0.010	0.002	20.131	16.865	(n/a)
Database (C:\asgluns\sg20)	0.010	0.003	20.195	16.853	(n/a)
Database (C:\asgluns\sg21)	0.010	0.002	19.790	16.494	(n/a)
Database (C:\asgluns\sg22)	0.010	0.003	20.125	16.859	(n/a)
Database (C:\asgluns\sg23)	0.010	0.002	20.035	16.810	(n/a)
Database (C:\asgluns\sg24)	0.010	0.003	20.136	16.820	(n/a)
Database (C:\asgluns\sg25)	0.010	0.003	19.960	16.618	(n/a)
Database (C:\asgluns\sg26)	0.010	0.003	20.048	16.722	(n/a)
Database (C:\asgluns\sg27)	0.010	0.002	20.261	16.919	(n/a)
Database (C:\asgluns\sg28)	0.010	0.003	20.085	16.705	(n/a)
Database (C:\asgluns\sg29)	0.010	0.003	19.975	16.677	(n/a)
Database (C:\asgluns\sg30)	0.010	0.003	20.204	16.982	(n/a)
Database (C:\asgluns\sg31)	0.010	0.003	20.029	16.693	(n/a)
Database (C:\asgluns\sg32)	0.010	0.003	19.967	16.664	(n/a)
Database (C:\asgluns\sg33)	0.010	0.003	20.058	16.704	(n/a)
Database (C:\asgluns\sg34)	0.010	0.003	20.107	16.791	(n/a)
Database	0.010	0.002	19.885	16.677	(n/a)

(C:\asgluns\sg35)					
Database (C:\asgluns\sg36)	0.010	0.003	19.887	16.675	(n/a)
Database (C:\asgluns\sg37)	0.010	0.003	20.013	16.720	(n/a)
Database (C:\asgluns\sg38)	0.010	0.003	19.947	16.647	(n/a)
Database (C:\asgluns\sg39)	0.010	0.003	19.956	16.587	(n/a)
Database (C:\asgluns\sg40)	0.010	0.003	20.057	16.720	(n/a)
Database (C:\asgluns\sg41)	0.010	0.003	20.190	16.867	(n/a)
Database (C:\asgluns\sg42)	0.010	0.003	19.852	16.596	(n/a)
Database (C:\asgluns\sg43)	0.010	0.003	20.155	16.912	(n/a)
Database (C:\asgluns\sg44)	0.010	0.003	20.024	16.736	(n/a)
Database (C:\asgluns\sg45)	0.010	0.003	20.122	16.764	(n/a)
Database (C:\asgluns\sg46)	0.010	0.003	19.969	16.730	(n/a)
Database (C:\asgluns\sg47)	0.010	0.003	20.032	16.716	(n/a)
Database (C:\asgluns\sg48)	0.010	0.003	20.080	16.773	(n/a)
Database (C:\asgluns\sg49)	0.010	0.003	20.134	16.807	(n/a)
Database (C:\asgluns\sg50)	0.010	0.003	19.965	16.689	(n/a)
Log (C:\alogluns\log1)	0.000	0.001	0.000	13.864	4102.435
Log (C:\alogluns\log2)	0.000	0.001	0.000	13.807	4111.401
Log (C:\alogluns\log3)	0.000	0.001	0.000	13.849	4088.636
Log (C:\alogluns\log4)	0.000	0.001	0.000	13.826	4103.973
Log (C:\alogluns\log5)	0.000	0.001	0.000	13.827	4108.664
Log (C:\alogluns\log6)	0.000	0.001	0.000	13.844	4124.492
Log (C:\alogluns\log7)	0.000	0.001	0.000	13.772	4111.164
Log (C:\alogluns\log8)	0.000	0.001	0.000	13.731	4117.757
Log (C:\alogluns\log9)	0.000	0.001	0.000	13.843	4102.882
Log (C:\alogluns\log10)	0.000	0.001	0.000	13.962	4143.284
Log (C:\alogluns\log11)	0.000	0.001	0.000	13.730	4128.374
Log (C:\alogluns\log12)	0.000	0.001	0.000	13.885	4113.162

Log (C:\alogluns\log13)	0.000	0.001	0.000	13.858	4109.997
Log (C:\alogluns\log14)	0.000	0.001	0.000	13.780	4076.655
Log (C:\alogluns\log15)	0.000	0.001	0.000	13.853	4131.080
Log (C:\alogluns\log16)	0.000	0.001	0.000	13.735	4108.420
Log (C:\alogluns\log17)	0.000	0.001	0.000	13.723	4138.232
Log (C:\alogluns\log18)	0.000	0.001	0.000	13.756	4099.092
Log (C:\alogluns\log19)	0.000	0.001	0.000	13.885	4099.023
Log (C:\alogluns\log20)	0.000	0.001	0.000	13.863	4123.864
Log (C:\alogluns\log21)	0.000	0.001	0.000	13.668	4112.249
Log (C:\alogluns\log22)	0.000	0.001	0.000	13.883	4112.592
Log (C:\alogluns\log23)	0.000	0.001	0.000	13.868	4137.057
Log (C:\alogluns\log24)	0.000	0.001	0.000	13.861	4104.458
Log (C:\alogluns\log25)	0.000	0.001	0.000	13.718	4122.795
Log (C:\alogluns\log26)	0.000	0.001	0.000	13.763	4116.684
Log (C:\alogluns\log27)	0.000	0.001	0.000	13.870	4089.955
Log (C:\alogluns\log28)	0.000	0.001	0.000	13.751	4105.735
Log (C:\alogluns\log29)	0.000	0.001	0.000	13.745	4099.302
Log (C:\alogluns\log30)	0.000	0.001	0.000	13.974	4116.565
Log (C:\alogluns\log31)	0.000	0.001	0.000	13.742	4111.153
Log (C:\alogluns\log32)	0.000	0.001	0.000	13.770	4116.862
Log (C:\alogluns\log33)	0.000	0.001	0.000	13.775	4141.087
Log (C:\alogluns\log34)	0.000	0.001	0.000	13.773	4095.667
Log (C:\alogluns\log35)	0.000	0.001	0.000	13.838	4126.606
Log (C:\alogluns\log36)	0.000	0.001	0.000	13.778	4122.755
Log (C:\alogluns\log37)	0.000	0.001	0.000	13.834	4103.294
Log (C:\alogluns\log38)	0.000	0.001	0.000	13.723	4100.631
Log (C:\alogluns\log39)	0.000	0.001	0.000	13.654	4098.552
Log (C:\alogluns\log40)	0.000	0.001	0.000	13.738	4116.045
Log (C:\alogluns\log41)	0.000	0.001	0.000	13.830	4081.300
Log (C:\alogluns\log42)	0.000	0.001	0.000	13.667	4131.317
Log (C:\alogluns\log43)	0.000	0.001	0.000	13.901	4110.842
Log (C:\alogluns\log44)	0.000	0.001	0.000	13.775	4118.319
Log (C:\alogluns\log45)	0.000	0.001	0.000	13.781	4126.191
Log (C:\alogluns\log46)	0.000	0.001	0.000	13.801	4112.047
Log (C:\alogluns\log47)	0.000	0.001	0.000	13.742	4115.255
Log (C:\alogluns\log48)	0.000	0.001	0.000	13.787	4079.025
Log (C:\alogluns\log49)	0.000	0.001	0.000	13.835	4103.588

Log (C:\alogluns\log50)	0.000	0.001	0.000	13.702	4100.890
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Host System Performance

Counter	Average	Minimum	Maximum
% Processor Time	0.947	0.553	1.415
Available MBytes	16767.876	16741.000	18025.000
Free System Page Table Entries	33562775.962	33562270.000	33563121.000
Transition Pages RePurposed/sec	0.000	0.000	0.000
Pool Nonpaged Bytes	152958844.649	151830528.000	153747456.000
Pool Paged Bytes	203209416.176	202665984.000	204902400.000
Database Page Fault Stalls/sec	0.000	0.000	0.000

Test Log

10/13/2009 9:00:35 PM -- Jetstress testing begins ...
10/13/2009 9:00:35 PM -- Prepare testing begins ...
10/13/2009 9:01:26 PM -- Attaching databases ...
10/13/2009 9:01:26 PM -- Prepare testing ends.
10/13/2009 9:01:26 PM -- Dispatching transactions begins ...
10/13/2009 9:01:26 PM -- Database cache settings: (minimum: 1.6 GB, maximum: 12.5 GB)
10/13/2009 9:01:26 PM -- Database flush thresholds: (start: 128.0 MB, stop: 256.0 MB)
10/13/2009 9:02:20 PM -- Database read latency thresholds: (average: 0.02 seconds/read, maximum: 0.1 seconds/read).
10/13/2009 9:02:20 PM -- Log write latency thresholds: (average: 0.01 seconds/write, maximum: 0.1 seconds/write).
10/13/2009 9:02:26 PM -- Operation mix: Sessions 2, Inserts 40%, Deletes 30%, Replaces 5%, Reads 25%, Lazy Commits 55%.
10/13/2009 9:02:26 PM -- Performance logging begins (interval: 15000 ms).
10/13/2009 9:02:26 PM -- Attaining prerequisites:
10/13/2009 9:56:05 PM -- \MSEExchange Database(Jetstresswin)\Database Cache Size, Last: 12081560000.0 (lower bound: 12079600000.0, upper bound: none)
10/14/2009 9:56:06 PM -- Performance logging ends.
10/14/2009 10:39:45 PM -- JetInterop batch transaction stats: 60555, 60478, 60799, 60664, 60619, 60600, 60320, 60297, 60377, 60743, 60270, 60609, 60678, 60645, 60793, 60242, 59961, 60296, 60716, 60878, 59989, 60445, 60412, 60758, 60285, 60321, 60965, 60396, 60470, 60835, 60166, 60329, 60562, 60546, 60423, 60205, 60459, 60331, 59742, 60389, 60733, 59968, 60715, 60307, 60397, 60216, 60423, 60600, 60548, and 59969.
10/14/2009 10:39:45 PM -- Dispatching transactions ends.
10/14/2009 10:39:45 PM -- Shutting down databases ...
10/14/2009 10:39:54 PM -- Instance4624.1 (complete), Instance4624.2 (complete), Instance4624.3 (complete), Instance4624.4 (complete), Instance4624.5 (complete), Instance4624.6 (complete), Instance4624.7 (complete), Instance4624.8 (complete), Instance4624.9 (complete), Instance4624.10 (complete), Instance4624.11 (complete), Instance4624.12 (complete), Instance4624.13 (complete), Instance4624.14 (complete), Instance4624.15 (complete), Instance4624.16 (complete), Instance4624.17 (complete), Instance4624.18 (complete), Instance4624.19 (complete), Instance4624.20 (complete), Instance4624.21 (complete), Instance4624.22 (complete), Instance4624.23 (complete), Instance4624.24 (complete), Instance4624.25 (complete), Instance4624.26 (complete), Instance4624.27 (complete), Instance4624.28 (complete), Instance4624.29 (complete), Instance4624.30 (complete), Instance4624.31 (complete), Instance4624.32 (complete), Instance4624.33 (complete), Instance4624.34 (complete), Instance4624.35 (complete), Instance4624.36

(complete), Instance4624.37 (complete), Instance4624.38 (complete), Instance4624.39 (complete), Instance4624.40 (complete), Instance4624.41 (complete), Instance4624.42 (complete), Instance4624.43 (complete), Instance4624.44 (complete), Instance4624.45 (complete), Instance4624.46 (complete), Instance4624.47 (complete), Instance4624.48 (complete), Instance4624.49 (complete), and Instance4624.50 (complete)
10/14/2009 10:39:55 PM -- Performance logging begins (interval: 30000 ms).
10/14/2009 10:39:55 PM -- verifying database checksums ...
10/15/2009 3:55:59 AM -- C:\asgluns\sg1 (100% processed), C:\asgluns\sg2 (100% processed), C:\asgluns\sg3 (100% processed), C:\asgluns\sg4 (100% processed), C:\asgluns\sg5 (100% processed), C:\asgluns\sg6 (100% processed), C:\asgluns\sg7 (100% processed), C:\asgluns\sg8 (100% processed), C:\asgluns\sg9 (100% processed), C:\asgluns\sg10 (100% processed), C:\asgluns\sg11 (100% processed), C:\asgluns\sg12 (100% processed), C:\asgluns\sg13 (100% processed), C:\asgluns\sg14 (100% processed), C:\asgluns\sg15 (100% processed), C:\asgluns\sg16 (100% processed), C:\asgluns\sg17 (100% processed), C:\asgluns\sg18 (100% processed), C:\asgluns\sg19 (100% processed), C:\asgluns\sg20 (100% processed), C:\asgluns\sg21 (100% processed), C:\asgluns\sg22 (100% processed), C:\asgluns\sg23 (100% processed), C:\asgluns\sg24 (100% processed), C:\asgluns\sg25 (100% processed), C:\asgluns\sg26 (100% processed), C:\asgluns\sg27 (100% processed), C:\asgluns\sg28 (100% processed), C:\asgluns\sg29 (100% processed), C:\asgluns\sg30 (100% processed), C:\asgluns\sg31 (100% processed), C:\asgluns\sg32 (100% processed), C:\asgluns\sg33 (100% processed), C:\asgluns\sg34 (100% processed), C:\asgluns\sg35 (100% processed), C:\asgluns\sg36 (100% processed), C:\asgluns\sg37 (100% processed), C:\asgluns\sg38 (100% processed), C:\asgluns\sg39 (100% processed), C:\asgluns\sg40 (100% processed), C:\asgluns\sg41 (100% processed), C:\asgluns\sg42 (100% processed), C:\asgluns\sg43 (100% processed), C:\asgluns\sg44 (100% processed), C:\asgluns\sg45 (100% processed), C:\asgluns\sg46 (100% processed), C:\asgluns\sg47 (100% processed), C:\asgluns\sg48 (100% processed), C:\asgluns\sg49 (100% processed), and C:\asgluns\sg50 (100% processed)
10/15/2009 3:55:59 AM -- Performance logging ends.
10/15/2009 3:55:59 AM --
C:\ESRP_HDP_500MB_RAID10\Stress\DBChecksum_2009_10_14_22_39_54.blg has 629 samples.
10/15/2009 4:02:16 AM --
C:\ESRP_HDP_500MB_RAID10\Stress\DBChecksum_2009_10_14_22_39_54.html is saved.
10/15/2009 4:02:16 AM -- Verifying log checksums ...
10/15/2009 4:02:46 AM -- C:\alogluns\log1 (2 logs passed), C:\alogluns\log2 (2 logs passed), C:\alogluns\log3 (2 logs passed), C:\alogluns\log4 (2 logs passed), C:\alogluns\log5 (2 logs passed), C:\alogluns\log6 (2 logs passed), C:\alogluns\log7 (2 logs passed), C:\alogluns\log8 (2 logs passed), C:\alogluns\log9 (2 logs passed), C:\alogluns\log10 (2 logs passed), C:\alogluns\log11 (2 logs passed), C:\alogluns\log12 (2 logs passed), C:\alogluns\log13 (2 logs passed), C:\alogluns\log14 (2 logs passed), C:\alogluns\log15 (2 logs passed), C:\alogluns\log16 (2 logs passed), C:\alogluns\log17 (2 logs passed), C:\alogluns\log18 (2 logs passed), C:\alogluns\log19 (2 logs passed), C:\alogluns\log20 (2 logs passed), C:\alogluns\log21 (2 logs passed), C:\alogluns\log22 (2 logs passed), C:\alogluns\log23 (2 logs passed), C:\alogluns\log24 (2 logs passed), C:\alogluns\log25 (2 logs passed), C:\alogluns\log26 (2 logs passed), C:\alogluns\log27 (2 logs passed), C:\alogluns\log28 (2 logs passed), C:\alogluns\log29 (2 logs passed), C:\alogluns\log30 (2 logs passed), C:\alogluns\log31 (2 logs passed), C:\alogluns\log32 (2 logs passed), C:\alogluns\log33 (2 logs passed), C:\alogluns\log34 (2 logs passed), C:\alogluns\log35 (2 logs passed), C:\alogluns\log36 (2 logs passed), C:\alogluns\log37 (2 logs passed), C:\alogluns\log38 (2 logs passed), C:\alogluns\log39 (2 logs passed), C:\alogluns\log40 (2 logs passed), C:\alogluns\log41 (2 logs passed), C:\alogluns\log42 (2 logs passed), C:\alogluns\log43 (2 logs passed), C:\alogluns\log44 (2 logs passed), C:\alogluns\log45 (2 logs passed), C:\alogluns\log46 (2 logs passed), C:\alogluns\log47 (2 logs passed), C:\alogluns\log48 (2 logs passed), C:\alogluns\log49 (2 logs passed), and C:\alogluns\log50 (2 logs passed)

10/15/2009 4:02:46 AM --
C:\ESRP_HDP_500MB_RAID10\stress\stress_2009_10_13_21_2_20.blg has 5902 samples.
10/15/2009 4:02:46 AM -- Creating test report ...
10/15/2009 4:09:07 AM -- Volume C:\asgluns\sg1 has 0.0110 for Avg. Disk sec/Read.
10/15/2009 4:09:07 AM -- Volume C:\asgluns\sg2 has 0.0100 for Avg. Disk sec/Read.
10/15/2009 4:09:07 AM -- Volume C:\asgluns\sg3 has 0.0101 for Avg. Disk sec/Read.
10/15/2009 4:09:07 AM -- Volume C:\asgluns\sg4 has 0.0100 for Avg. Disk sec/Read.
10/15/2009 4:09:07 AM -- Volume C:\asgluns\sg5 has 0.0100 for Avg. Disk sec/Read.
10/15/2009 4:09:07 AM -- Volume C:\asgluns\sg6 has 0.0100 for Avg. Disk sec/Read.
10/15/2009 4:09:07 AM -- Volume C:\asgluns\sg7 has 0.0100 for Avg. Disk sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg8 has 0.0100 for Avg. Disk sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg9 has 0.0100 for Avg. Disk sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg10 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg11 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg12 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg13 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg14 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg15 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg16 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg17 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg18 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg19 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg20 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg21 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg22 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg23 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg24 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg25 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:08 AM -- Volume C:\asgluns\sg26 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:09 AM -- Volume C:\asgluns\sg27 has 0.0101 for Avg. Disk
sec/Read.
10/15/2009 4:09:09 AM -- Volume C:\asgluns\sg28 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:09 AM -- Volume C:\asgluns\sg29 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:09 AM -- Volume C:\asgluns\sg30 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:09 AM -- Volume C:\asgluns\sg31 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:09 AM -- Volume C:\asgluns\sg32 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:09 AM -- Volume C:\asgluns\sg33 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:09 AM -- Volume C:\asgluns\sg34 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:09 AM -- Volume C:\asgluns\sg35 has 0.0100 for Avg. Disk
sec/Read.
10/15/2009 4:09:09 AM -- Volume C:\asgluns\sg36 has 0.0100 for Avg. Disk

10/15/2009 4:09:11 AM -- volume C:\alogluns\log42 has 0.0000 for Avg. Disk sec/Read.
 10/15/2009 4:09:11 AM -- volume C:\alogluns\log43 has 0.0008 for Avg. Disk sec/Write.
 10/15/2009 4:09:11 AM -- volume C:\alogluns\log43 has 0.0000 for Avg. Disk sec/Read.
 10/15/2009 4:09:11 AM -- volume C:\alogluns\log44 has 0.0007 for Avg. Disk sec/Write.
 10/15/2009 4:09:11 AM -- volume C:\alogluns\log44 has 0.0000 for Avg. Disk sec/Read.
 10/15/2009 4:09:11 AM -- volume C:\alogluns\log45 has 0.0008 for Avg. Disk sec/Write.
 10/15/2009 4:09:11 AM -- volume C:\alogluns\log45 has 0.0000 for Avg. Disk sec/Read.
 10/15/2009 4:09:11 AM -- volume C:\alogluns\log46 has 0.0007 for Avg. Disk sec/Write.
 10/15/2009 4:09:11 AM -- volume C:\alogluns\log46 has 0.0000 for Avg. Disk sec/Read.
 10/15/2009 4:09:11 AM -- volume C:\alogluns\log47 has 0.0008 for Avg. Disk sec/Write.
 10/15/2009 4:09:11 AM -- volume C:\alogluns\log47 has 0.0000 for Avg. Disk sec/Read.
 10/15/2009 4:09:11 AM -- volume C:\alogluns\log48 has 0.0007 for Avg. Disk sec/Write.
 10/15/2009 4:09:11 AM -- volume C:\alogluns\log48 has 0.0000 for Avg. Disk sec/Read.
 10/15/2009 4:09:11 AM -- volume C:\alogluns\log49 has 0.0008 for Avg. Disk sec/Write.
 10/15/2009 4:09:11 AM -- volume C:\alogluns\log49 has 0.0000 for Avg. Disk sec/Read.
 10/15/2009 4:09:11 AM -- volume C:\alogluns\log50 has 0.0007 for Avg. Disk sec/Write.
 10/15/2009 4:09:11 AM -- volume C:\alogluns\log50 has 0.0000 for Avg. Disk sec/Read.
 10/15/2009 4:09:11 AM -- Test has 0 Maximum Database Page Fault Stalls/sec.
 10/15/2009 4:09:11 AM -- Test has 0 Database Page Fault Stalls/sec samples higher than 0.
 10/15/2009 4:09:11 AM --
 C:\ESRP_HDP_500MB_RAID10\Stress\Stress_2009_10_13_21_2_20.xml has 5690 samples queried.

Stress Test Database Checksums Result: SUN165

Checksum Statistics - All

Database	Seen pages	Bad pages	Correctable pages	Wrong page no pages	File length / seconds taken
C:\asgluns\sg1\Jetstress1.edb	9006402	0	0	0	70362 MBytes / 18960 seconds
C:\asgluns\sg2\Jetstress1.edb	9005634	0	0	0	70356 MBytes / 18903 seconds
C:\asgluns\sg3\Jetstress1.edb	9002562	0	0	0	70332 MBytes / 18800 seconds
C:\asgluns\sg4\Jetstress1.edb	9006146	0	0	0	70360 MBytes / 18939 seconds
C:\asgluns\sg5\Jetstress1.edb	9004610	0	0	0	70348 MBytes / 18815 seconds
C:\asgluns\sg6\Jetstress1.edb	9003842	0	0	0	70342 MBytes / 18918 seconds

					seconds
C:\asgluns\sg7\Jetstress1.edb	9004098	0	0	0	70344 MBytes / 18735 seconds
C:\asgluns\sg8\Jetstress1.edb	9004866	0	0	0	70350 MBytes / 18954 seconds
C:\asgluns\sg9\Jetstress1.edb	9006402	0	0	0	70362 MBytes / 18775 seconds
C:\asgluns\sg10\Jetstress1.edb	9007938	0	0	0	70374 MBytes / 18947 seconds
C:\asgluns\sg11\Jetstress1.edb	9005378	0	0	0	70354 MBytes / 18796 seconds
C:\asgluns\sg12\Jetstress1.edb	9006658	0	0	0	70364 MBytes / 18927 seconds
C:\asgluns\sg13\Jetstress1.edb	9007426	0	0	0	70370 MBytes / 18808 seconds
C:\asgluns\sg14\Jetstress1.edb	9005122	0	0	0	70352 MBytes / 18935 seconds
C:\asgluns\sg15\Jetstress1.edb	9008194	0	0	0	70376 MBytes / 18825 seconds
C:\asgluns\sg16\Jetstress1.edb	9002562	0	0	0	70332 MBytes / 18924 seconds
C:\asgluns\sg17\Jetstress1.edb	9006146	0	0	0	70360 MBytes / 18815 seconds
C:\asgluns\sg18\Jetstress1.edb	9004610	0	0	0	70348 MBytes / 18957 seconds
C:\asgluns\sg19\Jetstress1.edb	9004354	0	0	0	70346 MBytes / 18804 seconds
C:\asgluns\sg20\Jetstress1.edb	9005634	0	0	0	70356 MBytes / 18927 seconds
C:\asgluns\sg21\Jetstress1.edb	9006146	0	0	0	70360 MBytes / 18819 seconds
C:\asgluns\sg22\Jetstress1.edb	9006658	0	0	0	70364 MBytes / 18909 seconds
C:\asgluns\sg23\Jetstress1.edb	9007938	0	0	0	70374 MBytes / 18817 seconds
C:\asgluns\sg24\Jetstress1.edb	9007682	0	0	0	70372 MBytes / 18953 seconds
C:\asgluns\sg25\Jetstress1.edb	9006658	0	0	0	70364 MBytes / 18758 seconds
C:\asgluns\sg26\Jetstress1.edb	9007682	0	0	0	70372 MBytes / 18935 seconds
C:\asgluns\sg27\Jetstress1.edb	9003330	0	0	0	70338 MBytes / 18774 seconds
C:\asgluns\sg28\Jetstress1.edb	9003074	0	0	0	70336 MBytes / 18951 seconds

C:\asgluns\sg29\Jetstress1.edb	9007426	0	0	0	70370 MBytes / 18775 seconds
C:\asgluns\sg30\Jetstress1.edb	9007938	0	0	0	70374 MBytes / 18938 seconds
C:\asgluns\sg31\Jetstress1.edb	9004610	0	0	0	70348 MBytes / 18808 seconds
C:\asgluns\sg32\Jetstress1.edb	9005378	0	0	0	70354 MBytes / 18941 seconds
C:\asgluns\sg33\Jetstress1.edb	9005890	0	0	0	70358 MBytes / 18822 seconds
C:\asgluns\sg34\Jetstress1.edb	9003586	0	0	0	70340 MBytes / 18929 seconds
C:\asgluns\sg35\Jetstress1.edb	9008450	0	0	0	70378 MBytes / 18794 seconds
C:\asgluns\sg36\Jetstress1.edb	9006658	0	0	0	70364 MBytes / 18945 seconds
C:\asgluns\sg37\Jetstress1.edb	9006146	0	0	0	70360 MBytes / 18825 seconds
C:\asgluns\sg38\Jetstress1.edb	9004098	0	0	0	70344 MBytes / 18952 seconds
C:\asgluns\sg39\Jetstress1.edb	9004354	0	0	0	70346 MBytes / 18788 seconds
C:\asgluns\sg40\Jetstress1.edb	9004354	0	0	0	70346 MBytes / 18904 seconds
C:\asgluns\sg41\Jetstress1.edb	9004354	0	0	0	70346 MBytes / 18782 seconds
C:\asgluns\sg42\Jetstress1.edb	9004866	0	0	0	70350 MBytes / 18929 seconds
C:\asgluns\sg43\Jetstress1.edb	9007938	0	0	0	70374 MBytes / 18801 seconds
C:\asgluns\sg44\Jetstress1.edb	9004866	0	0	0	70350 MBytes / 18934 seconds
C:\asgluns\sg45\Jetstress1.edb	9003586	0	0	0	70340 MBytes / 18813 seconds
C:\asgluns\sg46\Jetstress1.edb	9005378	0	0	0	70354 MBytes / 18944 seconds
C:\asgluns\sg47\Jetstress1.edb	9002306	0	0	0	70330 MBytes / 18793 seconds
C:\asgluns\sg48\Jetstress1.edb	9003330	0	0	0	70338 MBytes / 18932 seconds
C:\asgluns\sg49\Jetstress1.edb	9007170	0	0	0	70368 MBytes / 18779 seconds
C:\asgluns\sg50\Jetstress1.edb	9004610	0	0	0	70348 MBytes / 18942 seconds
(Sum)	450275044	0	0	0	3517773 MBytes /

Disk Subsystem Performance of Checksum

<i>Logical Disk</i>	<i>Avg. Disk sec/Read</i>	<i>Avg. Disk sec/Write</i>	<i>Disk Reads/sec</i>	<i>Disk Writes/sec</i>
C:\asgluns\sg1	0.273	0.001	59.009	0.000
C:\asgluns\sg2	0.270	0.000	59.499	0.000
C:\asgluns\sg3	0.264	0.000	59.813	0.000
C:\asgluns\sg4	0.271	0.000	59.358	0.000
C:\asgluns\sg5	0.264	0.000	59.712	0.000
C:\asgluns\sg6	0.271	0.000	59.381	0.000
C:\asgluns\sg7	0.263	0.000	60.020	0.000
C:\asgluns\sg8	0.275	0.000	59.135	0.000
C:\asgluns\sg9	0.263	0.000	59.925	0.000
C:\asgluns\sg10	0.270	0.000	59.290	0.000
C:\asgluns\sg11	0.263	0.000	59.813	0.000
C:\asgluns\sg12	0.270	0.001	59.334	0.000
C:\asgluns\sg13	0.263	0.000	59.777	0.000
C:\asgluns\sg14	0.273	0.000	59.378	0.000
C:\asgluns\sg15	0.265	0.000	59.549	0.000
C:\asgluns\sg16	0.271	0.000	59.338	0.000
C:\asgluns\sg17	0.264	0.000	59.774	0.000
C:\asgluns\sg18	0.272	0.001	59.112	0.000
C:\asgluns\sg19	0.264	0.001	59.754	0.000
C:\asgluns\sg20	0.271	0.000	59.329	0.000
C:\asgluns\sg21	0.264	0.000	59.747	0.000
C:\asgluns\sg22	0.269	0.000	59.476	0.000
C:\asgluns\sg23	0.264	0.000	59.786	0.000
C:\asgluns\sg24	0.271	0.001	59.134	0.000
C:\asgluns\sg25	0.263	0.001	60.000	0.000
C:\asgluns\sg26	0.270	0.001	59.417	0.000
C:\asgluns\sg27	0.263	0.001	59.905	0.000
C:\asgluns\sg28	0.274	0.000	59.165	0.000
C:\asgluns\sg29	0.263	0.000	59.972	0.000
C:\asgluns\sg30	0.271	0.000	59.372	0.000
C:\asgluns\sg31	0.264	0.001	59.813	0.000
C:\asgluns\sg32	0.271	0.000	59.272	0.000
C:\asgluns\sg33	0.265	0.000	59.660	0.000

C:\asgluns\sg34	0.271	0.001	59.433	0.000
C:\asgluns\sg35	0.263	0.000	59.894	0.000
C:\asgluns\sg36	0.271	0.001	59.214	0.000
C:\asgluns\sg37	0.266	0.000	59.660	0.000
C:\asgluns\sg38	0.276	0.001	59.329	0.000
C:\asgluns\sg39	0.263	0.000	59.878	0.000
C:\asgluns\sg40	0.270	0.001	59.483	0.000
C:\asgluns\sg41	0.263	0.001	59.905	0.000
C:\asgluns\sg42	0.270	0.000	59.417	0.000
C:\asgluns\sg43	0.263	0.001	59.871	0.000
C:\asgluns\sg44	0.271	0.000	59.349	0.000
C:\asgluns\sg45	0.267	0.000	59.558	0.000
C:\asgluns\sg46	0.273	0.000	59.172	0.000
C:\asgluns\sg47	0.264	0.000	59.827	0.000
C:\asgluns\sg48	0.270	0.000	59.339	0.000
C:\asgluns\sg49	0.263	0.000	59.944	0.000
C:\asgluns\sg50	0.271	0.000	59.063	0.000

Memory System Performance of Checksum

Counter	Average	Minimum	Maximum
% Processor Time	1.324	1.116	2.098
Available MBytes	29964.517	29950.000	30028.000
Free System Page Table Entries	33560202.073	33559870.000	33563457.000
Transition Pages RePurposed/sec	0.000	0.000	0.000
Pool Nonpaged Bytes	154364460.769	153944064.000	154390528.000
Pool Paged Bytes	203359516.897	201785344.000	204972032.000

Test Log

```

10/13/2009 9:00:35 PM -- Jetstress testing begins ...
10/13/2009 9:00:35 PM -- Prepare testing begins ...
10/13/2009 9:01:26 PM -- Attaching databases ...
10/13/2009 9:01:26 PM -- Prepare testing ends.
10/13/2009 9:01:26 PM -- Dispatching transactions begins ...
10/13/2009 9:01:26 PM -- Database cache settings: (minimum: 1.6 GB, maximum: 12.5
GB)
10/13/2009 9:01:26 PM -- Database flush thresholds: (start: 128.0 MB, stop: 256.0
MB)
10/13/2009 9:02:20 PM -- Database read latency thresholds: (average: 0.02
seconds/read, maximum: 0.1 seconds/read).
10/13/2009 9:02:20 PM -- Log write latency thresholds: (average: 0.01
seconds/write, maximum: 0.1 seconds/write).
10/13/2009 9:02:26 PM -- Operation mix: Sessions 2, Inserts 40%, Deletes 30%,
Replaces 5%, Reads 25%, Lazy Commits 55%.
10/13/2009 9:02:26 PM -- Performance logging begins (interval: 15000 ms).

```

10/13/2009 9:02:26 PM -- Attaining prerequisites:
 10/13/2009 9:56:05 PM -- \MSEExchange Database(Jetstresswin)\Database Cache Size,
 Last: 12081560000.0 (lower bound: 12079600000.0, upper bound: none)
 10/14/2009 9:56:06 PM -- Performance logging ends.
 10/14/2009 10:39:45 PM -- JetInterop batch transaction stats: 60555, 60478,
 60799, 60664, 60619, 60600, 60320, 60297, 60377, 60743, 60270, 60609, 60678,
 60645, 60793, 60242, 59961, 60296, 60716, 60878, 59989, 60445, 60412, 60758,
 60285, 60321, 60965, 60396, 60470, 60835, 60166, 60329, 60562, 60546, 60423,
 60205, 60459, 60331, 59742, 60389, 60733, 59968, 60715, 60307, 60397, 60216,
 60423, 60600, 60548, and 59969.
 10/14/2009 10:39:45 PM -- Dispatching transactions ends.
 10/14/2009 10:39:45 PM -- Shutting down databases ...
 10/14/2009 10:39:54 PM -- Instance4624.1 (complete), Instance4624.2 (complete),
 Instance4624.3 (complete), Instance4624.4 (complete), Instance4624.5 (complete),
 Instance4624.6 (complete), Instance4624.7 (complete), Instance4624.8 (complete),
 Instance4624.9 (complete), Instance4624.10 (complete), Instance4624.11
 (complete), Instance4624.12 (complete), Instance4624.13 (complete),
 Instance4624.14 (complete), Instance4624.15 (complete), Instance4624.16
 (complete), Instance4624.17 (complete), Instance4624.18 (complete),
 Instance4624.19 (complete), Instance4624.20 (complete), Instance4624.21
 (complete), Instance4624.22 (complete), Instance4624.23 (complete),
 Instance4624.24 (complete), Instance4624.25 (complete), Instance4624.26
 (complete), Instance4624.27 (complete), Instance4624.28 (complete),
 Instance4624.29 (complete), Instance4624.30 (complete), Instance4624.31
 (complete), Instance4624.32 (complete), Instance4624.33 (complete),
 Instance4624.34 (complete), Instance4624.35 (complete), Instance4624.36
 (complete), Instance4624.37 (complete), Instance4624.38 (complete),
 Instance4624.39 (complete), Instance4624.40 (complete), Instance4624.41
 (complete), Instance4624.42 (complete), Instance4624.43 (complete),
 Instance4624.44 (complete), Instance4624.45 (complete), Instance4624.46
 (complete), Instance4624.47 (complete), Instance4624.48 (complete),
 Instance4624.49 (complete), and Instance4624.50 (complete)
 10/14/2009 10:39:55 PM -- Performance logging begins (interval: 30000 ms).
 10/14/2009 10:39:55 PM -- Verifying database checksums ...
 10/15/2009 3:55:59 AM -- C:\asgluns\sg1 (100% processed), C:\asgluns\sg2 (100%
 processed), C:\asgluns\sg3 (100% processed), C:\asgluns\sg4 (100% processed),
 C:\asgluns\sg5 (100% processed), C:\asgluns\sg6 (100% processed), C:\asgluns\sg7
 (100% processed), C:\asgluns\sg8 (100% processed), C:\asgluns\sg9 (100%
 processed), C:\asgluns\sg10 (100% processed), C:\asgluns\sg11 (100% processed),
 C:\asgluns\sg12 (100% processed), C:\asgluns\sg13 (100% processed),
 C:\asgluns\sg14 (100% processed), C:\asgluns\sg15 (100% processed),
 C:\asgluns\sg16 (100% processed), C:\asgluns\sg17 (100% processed),
 C:\asgluns\sg18 (100% processed), C:\asgluns\sg19 (100% processed),
 C:\asgluns\sg20 (100% processed), C:\asgluns\sg21 (100% processed),
 C:\asgluns\sg22 (100% processed), C:\asgluns\sg23 (100% processed),
 C:\asgluns\sg24 (100% processed), C:\asgluns\sg25 (100% processed),
 C:\asgluns\sg26 (100% processed), C:\asgluns\sg27 (100% processed),
 C:\asgluns\sg28 (100% processed), C:\asgluns\sg29 (100% processed),
 C:\asgluns\sg30 (100% processed), C:\asgluns\sg31 (100% processed),
 C:\asgluns\sg32 (100% processed), C:\asgluns\sg33 (100% processed),
 C:\asgluns\sg34 (100% processed), C:\asgluns\sg35 (100% processed),
 C:\asgluns\sg36 (100% processed), C:\asgluns\sg37 (100% processed),
 C:\asgluns\sg38 (100% processed), C:\asgluns\sg39 (100% processed),
 C:\asgluns\sg40 (100% processed), C:\asgluns\sg41 (100% processed),
 C:\asgluns\sg42 (100% processed), C:\asgluns\sg43 (100% processed),
 C:\asgluns\sg44 (100% processed), C:\asgluns\sg45 (100% processed),
 C:\asgluns\sg46 (100% processed), C:\asgluns\sg47 (100% processed),
 C:\asgluns\sg48 (100% processed), C:\asgluns\sg49 (100% processed), and
 C:\asgluns\sg50 (100% processed)
 10/15/2009 3:55:59 AM -- Performance logging ends.
 10/15/2009 3:55:59 AM --
 C:\ESRP_HDP_500MB_RAID10\stress\DBChecksum_2009_10_14_22_39_54.b1g has 629
 samples.

Streaming Backup Test Result: SUN165

Streaming Backup Statistics - All

<i>Database Instance</i>	<i>Database Size (MBytes)</i>	<i>Elapsed Backup Time</i>	<i>MBytes Transferred/sec</i>
Instance4624.1	70360.52	05:00:38	3.90
Instance4624.2	70354.52	04:35:02	4.26
Instance4624.3	70330.52	04:31:19	4.32
Instance4624.4	70358.52	04:37:41	4.22
Instance4624.5	70346.52	04:29:50	4.35
Instance4624.6	70340.52	04:50:47	4.03
Instance4624.7	70342.52	04:18:46	4.53
Instance4624.8	70348.52	04:44:32	4.12
Instance4624.9	70360.52	04:19:57	4.51
Instance4624.10	70372.52	04:33:51	4.28
Instance4624.11	70352.52	04:28:39	4.36
Instance4624.12	70362.52	04:37:01	4.23
Instance4624.13	70368.52	04:30:21	4.34
Instance4624.14	70350.52	04:54:31	3.98
Instance4624.15	70374.52	04:31:47	4.32
Instance4624.16	70330.52	04:42:15	4.15
Instance4624.17	70358.52	04:36:14	4.24
Instance4624.18	70346.52	04:50:47	4.03
Instance4624.19	70344.52	04:38:37	4.21
Instance4624.20	70354.52	04:48:27	4.06
Instance4624.21	70358.52	04:34:20	4.27
Instance4624.22	70362.52	04:26:45	4.40
Instance4624.23	70372.52	04:36:09	4.25
Instance4624.24	70370.52	04:41:34	4.17
Instance4624.25	70362.52	04:38:18	4.21
Instance4624.26	70370.52	04:48:22	4.07
Instance4624.27	70336.52	04:35:19	4.26
Instance4624.28	70334.52	04:52:33	4.01
Instance4624.29	70368.52	04:37:20	4.23
Instance4624.30	70372.52	04:35:26	4.26
Instance4624.31	70346.52	04:37:00	4.23
Instance4624.32	70352.52	04:29:38	4.35
Instance4624.33	70356.52	04:30:34	4.33
Instance4624.34	70338.52	04:51:35	4.02

Instance4624.35	70376.52	04:27:30	4.38
Instance4624.36	70362.52	04:51:34	4.02
Instance4624.37	70358.52	04:37:42	4.22
Instance4624.38	70342.52	05:01:15	3.89
Instance4624.39	70344.52	04:27:11	4.39
Instance4624.40	70344.52	04:37:45	4.22
Instance4624.41	70344.52	04:47:57	4.07
Instance4624.42	70348.52	04:25:50	4.41
Instance4624.43	70372.52	04:34:33	4.27
Instance4624.44	70348.52	04:47:31	4.08
Instance4624.45	70338.52	04:29:19	4.35
Instance4624.46	70352.52	04:44:28	4.12
Instance4624.47	70328.52	04:28:55	4.36
Instance4624.48	70336.52	04:48:12	4.07
Instance4624.49	70366.52	04:34:27	4.27
Instance4624.50	70346.52	04:54:57	3.97

Jetstress System Parameters

Thread count	2 (per storage group)
Log buffers	9000
Minimum database cache	1600.0 MB
Maximum database cache	12800.0 MB
Insert operations	40%
Delete operations	30%
Replace operations	5%
Read operations	25%
Lazy commits	55%

Disk Subsystem Performance

Logical Disk	Avg. Disk sec/Read	Avg. Disk sec/Write	Disk Reads/sec	Disk Writes/sec	Avg. Disk Bytes/Write
Database (C:\asgluns\s1)	0.174	0.000	31.162	0.001	(n/a)
Database (C:\asgluns\s2)	0.089	0.000	31.159	0.002	(n/a)
Database (C:\asgluns\s3)	0.090	0.000	31.192	0.002	(n/a)
Database	0.089	0.000	31.154	0.002	(n/a)

(C:\asgluns\sg4)					
Database (C:\asgluns\sg5)	0.088	0.000	31.149	0.002	(n/a)
Database (C:\asgluns\sg6)	0.116	0.000	31.151	0.002	(n/a)
Database (C:\asgluns\sg7)	0.079	0.000	31.151	0.002	(n/a)
Database (C:\asgluns\sg8)	0.100	0.000	31.159	0.002	(n/a)
Database (C:\asgluns\sg9)	0.078	0.000	31.144	0.002	(n/a)
Database (C:\asgluns\sg10)	0.082	0.000	31.155	0.002	(n/a)
Database (C:\asgluns\sg11)	0.083	0.000	31.158	0.002	(n/a)
Database (C:\asgluns\sg12)	0.088	0.000	31.183	0.002	(n/a)
Database (C:\asgluns\sg13)	0.088	0.000	31.174	0.002	(n/a)
Database (C:\asgluns\sg14)	0.121	0.000	31.152	0.002	(n/a)
Database (C:\asgluns\sg15)	0.096	0.000	31.162	0.002	(n/a)
Database (C:\asgluns\sg16)	0.102	0.000	31.155	0.002	(n/a)
Database (C:\asgluns\sg17)	0.103	0.000	31.160	0.002	(n/a)
Database (C:\asgluns\sg18)	0.104	0.000	31.137	0.002	(n/a)
Database (C:\asgluns\sg19)	0.115	0.000	31.156	0.002	(n/a)
Database (C:\asgluns\sg20)	0.103	0.000	31.162	0.002	(n/a)
Database (C:\asgluns\sg21)	0.099	0.000	31.172	0.002	(n/a)
Database (C:\asgluns\sg22)	0.081	0.000	31.149	0.002	(n/a)
Database (C:\asgluns\sg23)	0.103	0.000	31.153	0.002	(n/a)
Database (C:\asgluns\sg24)	0.089	0.000	31.178	0.002	(n/a)
Database (C:\asgluns\sg25)	0.114	0.000	31.218	0.002	(n/a)
Database (C:\asgluns\sg26)	0.106	0.000	31.210	0.002	(n/a)

Database (C:\asgluns\sg27)	0.098	0.000	31.143	0.002	(n/a)
Database (C:\asgluns\sg28)	0.115	0.000	31.144	0.002	(n/a)
Database (C:\asgluns\sg29)	0.106	0.000	31.166	0.002	(n/a)
Database (C:\asgluns\sg30)	0.087	0.000	31.160	0.002	(n/a)
Database (C:\asgluns\sg31)	0.107	0.000	31.142	0.002	(n/a)
Database (C:\asgluns\sg32)	0.082	0.000	31.173	0.002	(n/a)
Database (C:\asgluns\sg33)	0.094	0.000	31.166	0.002	(n/a)
Database (C:\asgluns\sg34)	0.116	0.000	31.200	0.002	(n/a)
Database (C:\asgluns\sg35)	0.084	0.000	31.153	0.002	(n/a)
Database (C:\asgluns\sg36)	0.109	0.000	31.146	0.002	(n/a)
Database (C:\asgluns\sg37)	0.103	0.000	31.156	0.002	(n/a)
Database (C:\asgluns\sg38)	0.190	0.000	30.521	0.000	(n/a)
Database (C:\asgluns\sg39)	0.080	0.000	31.160	0.002	(n/a)
Database (C:\asgluns\sg40)	0.089	0.000	31.143	0.002	(n/a)
Database (C:\asgluns\sg41)	0.183	0.000	31.152	0.002	(n/a)
Database (C:\asgluns\sg42)	0.073	0.000	31.153	0.002	(n/a)
Database (C:\asgluns\sg43)	0.097	0.000	31.201	0.002	(n/a)
Database (C:\asgluns\sg44)	0.102	0.000	31.139	0.002	(n/a)
Database (C:\asgluns\sg45)	0.094	0.000	31.154	0.002	(n/a)
Database (C:\asgluns\sg46)	0.099	0.000	31.153	0.002	(n/a)
Database (C:\asgluns\sg47)	0.092	0.000	31.174	0.002	(n/a)
Database (C:\asgluns\sg48)	0.101	0.000	31.141	0.002	(n/a)
Database	0.093	0.000	31.158	0.002	(n/a)

(C:\asgluns\sg49)					
Database (C:\asgluns\sg50)	0.123	0.000	31.167	0.002	(n/a)
Log (C:\alogluns\log1)	0.000	0.000	0.000	0.001	4.901
Log (C:\alogluns\log2)	0.000	0.000	0.000	0.002	18.182
Log (C:\alogluns\log3)	0.000	0.000	0.000	0.002	11.721
Log (C:\alogluns\log4)	0.000	0.000	0.000	0.002	24.349
Log (C:\alogluns\log5)	0.000	0.000	0.000	0.002	11.932
Log (C:\alogluns\log6)	0.000	0.000	0.000	0.002	16.981
Log (C:\alogluns\log7)	0.000	0.000	0.000	0.002	11.721
Log (C:\alogluns\log8)	0.000	0.000	0.000	0.002	18.416
Log (C:\alogluns\log9)	0.000	0.000	0.000	0.002	18.416
Log (C:\alogluns\log10)	0.000	0.000	0.000	0.002	11.634
Log (C:\alogluns\log11)	0.000	0.000	0.000	0.002	17.642
Log (C:\alogluns\log12)	0.000	0.000	0.000	0.002	11.321
Log (C:\alogluns\log13)	0.000	0.000	0.000	0.002	18.793
Log (C:\alogluns\log14)	0.000	0.000	0.000	0.002	11.932
Log (C:\alogluns\log15)	0.000	0.000	0.000	0.002	11.721
Log (C:\alogluns\log16)	0.000	0.000	0.000	0.001	10.798
Log (C:\alogluns\log17)	0.000	0.000	0.000	0.002	16.914
Log (C:\alogluns\log18)	0.000	0.000	0.000	0.002	17.659
Log (C:\alogluns\log19)	0.000	0.000	0.000	0.002	17.758
Log (C:\alogluns\log20)	0.000	0.000	0.000	0.002	18.793
Log (C:\alogluns\log21)	0.000	0.000	0.000	0.002	11.721
Log (C:\alogluns\log22)	0.000	0.000	0.000	0.002	11.851
Log (C:\alogluns\log23)	0.000	0.000	0.000	0.002	16.981
Log (C:\alogluns\log24)	0.000	0.000	0.000	0.002	18.055
Log (C:\alogluns\log25)	0.000	0.000	0.000	0.002	23.442
Log (C:\alogluns\log26)	0.000	0.000	0.000	0.002	23.442
Log (C:\alogluns\log27)	0.000	0.000	0.000	0.002	12.139
Log (C:\alogluns\log28)	0.000	0.000	0.000	0.002	11.721
Log (C:\alogluns\log29)	0.000	0.000	0.000	0.002	18.793
Log (C:\alogluns\log30)	0.000	0.000	0.000	0.002	18.495
Log (C:\alogluns\log31)	0.000	0.000	0.000	0.002	11.664
Log (C:\alogluns\log32)	0.000	0.000	0.000	0.002	17.236
Log (C:\alogluns\log33)	0.000	0.000	0.000	0.002	17.099
Log (C:\alogluns\log34)	0.000	0.000	0.000	0.002	18.182

Log (C:\alogluns\log35)	0.000	0.000	0.000	0.002	25.157
Log (C:\alogluns\log36)	0.000	0.000	0.000	0.002	11.932
Log (C:\alogluns\log37)	0.000	0.000	0.000	0.002	24.750
Log (C:\alogluns\log38)	0.000	0.000	0.000	0.000	0.000
Log (C:\alogluns\log39)	0.000	0.000	0.000	0.001	10.028
Log (C:\alogluns\log40)	0.000	0.000	0.000	0.002	23.975
Log (C:\alogluns\log41)	0.000	0.000	0.000	0.002	18.582
Log (C:\alogluns\log42)	0.000	0.000	0.000	0.002	11.932
Log (C:\alogluns\log43)	0.000	0.000	0.000	0.002	17.253
Log (C:\alogluns\log44)	0.000	0.000	0.000	0.002	18.495
Log (C:\alogluns\log45)	0.000	0.000	0.000	0.002	11.721
Log (C:\alogluns\log46)	0.000	0.000	0.000	0.002	18.296
Log (C:\alogluns\log47)	0.000	0.000	0.000	0.002	11.539
Log (C:\alogluns\log48)	0.000	0.000	0.000	0.002	24.114
Log (C:\alogluns\log49)	0.000	0.000	0.000	0.002	18.296
Log (C:\alogluns\log50)	0.000	0.000	0.000	0.002	11.721

Host System Performance

Counter	Average	Minimum	Maximum
% Processor Time	0.996	0.491	1.619
Available MBytes	29942.781	29935.000	29950.000
Free System Page Table Entries	33562364.117	33562178.000	33562918.000
Transition Pages RePurposed/sec	0.000	0.000	0.000
Pool Nonpaged Bytes	154110616.401	154103808.000	154128384.000
Pool Paged Bytes	214770848.963	213958656.000	214880256.000
Database Page Fault Stalls/sec	0.000	0.000	0.000

Test Log

```

10/15/2009 5:05:43 AM -- Jetstress testing begins ...
10/15/2009 5:05:43 AM -- Prepare testing begins ...
10/15/2009 5:06:34 AM -- Attaching databases ...
10/15/2009 5:06:34 AM -- Prepare testing ends.
10/15/2009 5:07:31 AM -- Performance logging begins (interval: 30000 ms).
10/15/2009 5:07:31 AM -- Streaming backup databases ...
10/15/2009 10:08:46 AM -- Performance logging ends.
10/15/2009 10:08:46 AM -- Instance4624.1 (100% processed), Instance4624.2 (100%
processed), Instance4624.3 (100% processed), Instance4624.4 (100% processed),
Instance4624.5 (100% processed), Instance4624.6 (100% processed), Instance4624.7
(100% processed), Instance4624.8 (100% processed), Instance4624.9 (100%
processed), Instance4624.10 (100% processed), Instance4624.11 (100% processed),
Instance4624.12 (100% processed), Instance4624.13 (100% processed),
Instance4624.14 (100% processed), Instance4624.15 (100% processed),
Instance4624.16 (100% processed), Instance4624.17 (100% processed),
Instance4624.18 (100% processed), Instance4624.19 (100% processed),

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Instance4624.20 (100% processed), Instance4624.21 (100% processed),
 Instance4624.22 (100% processed), Instance4624.23 (100% processed),
 Instance4624.24 (100% processed), Instance4624.25 (100% processed),
 Instance4624.26 (100% processed), Instance4624.27 (100% processed),
 Instance4624.28 (100% processed), Instance4624.29 (100% processed),
 Instance4624.30 (100% processed), Instance4624.31 (100% processed),
 Instance4624.32 (100% processed), Instance4624.33 (100% processed),
 Instance4624.34 (100% processed), Instance4624.35 (100% processed),
 Instance4624.36 (100% processed), Instance4624.37 (100% processed),
 Instance4624.38 (100% processed), Instance4624.39 (100% processed),
 Instance4624.40 (100% processed), Instance4624.41 (100% processed),
 Instance4624.42 (100% processed), Instance4624.43 (100% processed),
 Instance4624.44 (100% processed), Instance4624.45 (100% processed),
 Instance4624.46 (100% processed), Instance4624.47 (100% processed),
 Instance4624.48 (100% processed), Instance4624.49 (100% processed), and
 Instance4624.50 (100% processed)
 10/15/2009 10:08:46 AM --
 C:\ESRP_HDP_500MB_RAID10\StreamyBackup\StreamingBackup_2009_10_15_5_6_34.blg has
 598 samples.
 10/15/2009 10:08:46 AM -- Creating test report ...

Soft Recovery Test Result: SUN165

Soft-Recovery Statistics - All

<i>Database Instance</i>	<i>Log files replayed</i>	<i>Elapsed seconds</i>
Instance4624.1	512	3204.4477412
Instance4624.2	500	3210.2821786
Instance4624.3	514	3234.1503316
Instance4624.4	515	3233.8851299
Instance4624.5	508	3232.5591214
Instance4624.6	512	3225.3986755
Instance4624.7	526	3237.8631554
Instance4624.8	507	3231.2331129
Instance4624.9	513	3232.5591214
Instance4624.10	524	3237.5979537
Instance4624.11	513	3231.7635163
Instance4624.12	521	3232.8243231
Instance4624.13	514	3229.376701
Instance4624.14	520	3237.5979537
Instance4624.15	520	3233.6199282
Instance4624.16	524	3237.0675503
Instance4624.17	520	3235.7415418
Instance4624.18	519	3234.1503316
Instance4624.19	512	3224.6030704
Instance4624.20	517	3237.0675503
Instance4624.21	510	3229.1114993

Instance4624.22	518	3234.4155333
Instance4624.23	525	3237.5979537
Instance4624.24	510	3224.8682721
Instance4624.25	524	3237.5979537
Instance4624.26	509	3232.028718
Instance4624.27	514	3229.376701
Instance4624.28	509	3230.1723061
Instance4624.29	513	3231.2331129
Instance4624.30	517	3236.0067435
Instance4624.31	523	3236.5371469
Instance4624.32	514	3235.7415418
Instance4624.33	521	3237.5979537
Instance4624.34	510	3228.3158942
Instance4624.35	515	3233.8851299
Instance4624.36	525	3237.8631554
Instance4624.37	509	3228.8462976
Instance4624.38	518	3235.7415418
Instance4624.39	513	3228.8462976
Instance4624.40	510	3233.8851299
Instance4624.41	510	3225.9290789
Instance4624.42	513	3234.1503316
Instance4624.43	511	3224.8682721
Instance4624.44	510	3217.9730279
Instance4624.45	516	3234.4155333
Instance4624.46	512	3222.4814568
Instance4624.47	513	3232.5591214
Instance4624.48	516	3236.0067435
Instance4624.49	518	3234.9459367
Instance4624.50	506	3202.856531

Disk Subsystem Performance

<i>Logical Disk</i>	<i>Avg. Disk sec/Read</i>	<i>Avg. Disk sec/Write</i>	<i>Disk Reads/sec</i>	<i>Disk Writes/sec</i>	<i>Avg. Disk Bytes/Write</i>
Database (C:\asgluns\sg1)	0.063	0.030	82.503	1.891	(n/a)
Database (C:\asgluns\sg2)	0.162	0.027	82.019	1.860	(n/a)
Database	0.148	0.028	82.798	1.899	(n/a)

(C:\asgluns\sg3)					
Database (C:\asgluns\sg4)	0.143	0.026	83.904	1.902	(n/a)
Database (C:\asgluns\sg5)	0.149	0.026	82.749	1.891	(n/a)
Database (C:\asgluns\sg6)	0.153	0.024	82.386	1.893	(n/a)
Database (C:\asgluns\sg7)	0.134	0.027	85.356	1.909	(n/a)
Database (C:\asgluns\sg8)	0.148	0.025	81.525	1.884	(n/a)
Database (C:\asgluns\sg9)	0.150	0.024	82.679	1.905	(n/a)
Database (C:\asgluns\sg10)	0.156	0.023	85.166	1.920	(n/a)
Database (C:\asgluns\sg11)	0.142	0.025	84.418	1.900	(n/a)
Database (C:\asgluns\sg12)	0.147	0.023	84.592	1.918	(n/a)
Database (C:\asgluns\sg13)	0.138	0.025	83.699	1.908	(n/a)
Database (C:\asgluns\sg14)	0.152	0.023	82.327	1.906	(n/a)
Database (C:\asgluns\sg15)	0.151	0.025	82.675	1.917	(n/a)
Database (C:\asgluns\sg16)	0.149	0.021	84.259	1.916	(n/a)
Database (C:\asgluns\sg17)	0.145	0.022	84.724	1.914	(n/a)
Database (C:\asgluns\sg18)	0.155	0.022	83.432	1.917	(n/a)
Database (C:\asgluns\sg19)	0.139	0.023	83.352	1.899	(n/a)
Database (C:\asgluns\sg20)	0.147	0.024	84.466	1.905	(n/a)
Database (C:\asgluns\sg21)	0.146	0.023	83.678	1.895	(n/a)
Database (C:\asgluns\sg22)	0.137	0.022	84.047	1.913	(n/a)
Database (C:\asgluns\sg23)	0.154	0.023	84.135	1.920	(n/a)
Database (C:\asgluns\sg24)	0.147	0.024	83.984	1.891	(n/a)
Database (C:\asgluns\sg25)	0.146	0.023	84.313	1.916	(n/a)

Database (C:\asgluns\sg26)	0.147	0.023	82.882	1.889	(n/a)
Database (C:\asgluns\sg27)	0.142	0.023	83.767	1.905	(n/a)
Database (C:\asgluns\sg28)	0.143	0.024	83.873	1.886	(n/a)
Database (C:\asgluns\sg29)	0.146	0.023	83.524	1.907	(n/a)
Database (C:\asgluns\sg30)	0.148	0.023	83.785	1.902	(n/a)
Database (C:\asgluns\sg31)	0.149	0.023	84.674	1.920	(n/a)
Database (C:\asgluns\sg32)	0.138	0.023	82.183	1.898	(n/a)
Database (C:\asgluns\sg33)	0.152	0.023	83.382	1.910	(n/a)
Database (C:\asgluns\sg34)	0.147	0.025	82.931	1.895	(n/a)
Database (C:\asgluns\sg35)	0.151	0.024	83.229	1.899	(n/a)
Database (C:\asgluns\sg36)	0.154	0.025	84.643	1.916	(n/a)
Database (C:\asgluns\sg37)	0.145	0.022	82.995	1.886	(n/a)
Database (C:\asgluns\sg38)	0.140	0.025	84.096	1.910	(n/a)
Database (C:\asgluns\sg39)	0.149	0.022	83.147	1.896	(n/a)
Database (C:\asgluns\sg40)	0.143	0.025	83.601	1.895	(n/a)
Database (C:\asgluns\sg41)	0.142	0.023	83.727	1.897	(n/a)
Database (C:\asgluns\sg42)	0.152	0.023	83.978	1.901	(n/a)
Database (C:\asgluns\sg43)	0.146	0.023	82.778	1.902	(n/a)
Database (C:\asgluns\sg44)	0.152	0.023	82.300	1.896	(n/a)
Database (C:\asgluns\sg45)	0.141	0.023	84.076	1.908	(n/a)
Database (C:\asgluns\sg46)	0.164	0.022	83.646	1.896	(n/a)
Database (C:\asgluns\sg47)	0.147	0.024	83.508	1.902	(n/a)
Database	0.142	0.021	83.240	1.909	(n/a)

(C:\asgluns\sg48)					
Database (C:\asgluns\sg49)	0.143	0.021	84.507	1.914	(n/a)
Database (C:\asgluns\sg50)	0.156	0.022	82.887	1.882	(n/a)
Log (C:\alogluns\log1)	0.032	0.000	5.230	0.012	42.401
Log (C:\alogluns\log2)	0.037	0.000	5.105	0.012	39.592
Log (C:\alogluns\log3)	0.036	0.000	5.250	0.010	19.797
Log (C:\alogluns\log4)	0.038	0.000	5.260	0.008	14.491
Log (C:\alogluns\log5)	0.041	0.000	5.191	0.010	20.928
Log (C:\alogluns\log6)	0.039	0.000	5.221	0.011	29.346
Log (C:\alogluns\log7)	0.041	0.000	5.324	0.001	10.611
Log (C:\alogluns\log8)	0.036	0.000	5.179	0.011	21.370
Log (C:\alogluns\log9)	0.038	0.000	5.237	0.008	15.549
Log (C:\alogluns\log10)	0.038	0.000	5.342	0.002	12.435
Log (C:\alogluns\log11)	0.037	0.000	5.241	0.010	23.305
Log (C:\alogluns\log12)	0.035	0.000	5.321	0.010	21.521
Log (C:\alogluns\log13)	0.037	0.000	5.244	0.010	25.335
Log (C:\alogluns\log14)	0.039	0.000	5.283	0.001	10.611
Log (C:\alogluns\log15)	0.036	0.000	5.307	0.010	19.952
Log (C:\alogluns\log16)	0.038	0.000	5.340	0.003	12.435
Log (C:\alogluns\log17)	0.037	0.000	5.310	0.007	12.822
Log (C:\alogluns\log18)	0.035	0.000	5.303	0.009	19.870
Log (C:\alogluns\log19)	0.038	0.000	5.227	0.011	28.551
Log (C:\alogluns\log20)	0.036	0.000	5.272	0.002	12.435
Log (C:\alogluns\log21)	0.038	0.000	5.210	0.011	26.400
Log (C:\alogluns\log22)	0.038	0.000	5.290	0.009	19.870
Log (C:\alogluns\log23)	0.038	0.000	5.341	0.001	10.611
Log (C:\alogluns\log24)	0.037	0.000	5.208	0.012	31.525
Log (C:\alogluns\log25)	0.040	0.000	5.324	0.001	10.611
Log (C:\alogluns\log26)	0.039	0.000	5.190	0.010	16.064
Log (C:\alogluns\log27)	0.037	0.000	5.247	0.009	20.029
Log (C:\alogluns\log28)	0.037	0.000	5.198	0.009	20.029
Log (C:\alogluns\log29)	0.039	0.000	5.243	0.011	20.930
Log (C:\alogluns\log30)	0.039	0.000	5.283	0.007	12.822
Log (C:\alogluns\log31)	0.041	0.000	5.330	0.003	13.596
Log (C:\alogluns\log32)	0.040	0.000	5.242	0.006	12.822
Log (C:\alogluns\log33)	0.040	0.000	5.314	0.002	12.435

Log (C:\alogluns\log34)	0.039	0.000	5.211	0.010	22.914
Log (C:\alogluns\log35)	0.037	0.000	5.263	0.009	14.723
Log (C:\alogluns\log36)	0.038	0.000	5.332	0.002	15.917
Log (C:\alogluns\log37)	0.038	0.000	5.188	0.010	26.147
Log (C:\alogluns\log38)	0.038	0.000	5.286	0.007	18.128
Log (C:\alogluns\log39)	0.038	0.000	5.238	0.010	28.573
Log (C:\alogluns\log40)	0.039	0.000	5.208	0.009	20.029
Log (C:\alogluns\log41)	0.038	0.000	5.211	0.010	28.352
Log (C:\alogluns\log42)	0.037	0.000	5.242	0.008	19.870
Log (C:\alogluns\log43)	0.038	0.000	5.216	0.011	33.879
Log (C:\alogluns\log44)	0.037	0.000	5.210	0.011	29.817
Log (C:\alogluns\log45)	0.037	0.000	5.272	0.008	17.993
Log (C:\alogluns\log46)	0.034	0.000	5.220	0.011	33.525
Log (C:\alogluns\log47)	0.038	0.000	5.242	0.009	21.112
Log (C:\alogluns\log48)	0.040	0.000	5.271	0.007	18.128
Log (C:\alogluns\log49)	0.036	0.000	5.291	0.009	17.993
Log (C:\alogluns\log50)	0.035	0.000	5.161	0.010	30.839

Host System Performance

Counter	Average	Minimum	Maximum
% Processor Time	2.527	1.208	51.974
Available MBytes	19252.576	17548.000	30583.000
Free System Page Table Entries	33565117.824	33564755.000	33565575.000
Transition Pages RePurposed/sec	110.529	0.000	3036.907
Pool Nonpaged Bytes	177235965.351	156180480.000	179081216.000
Pool Paged Bytes	233874202.825	230817792.000	234401792.000
Database Page Fault Stalls/sec	0.000	0.000	0.000

Test Log

```

10/18/2009 9:08:01 PM -- Jetstress testing begins ...
10/18/2009 9:08:01 PM -- Prepare testing begins ...
10/18/2009 9:08:52 PM -- Attaching databases ...
10/18/2009 9:08:52 PM -- Prepare testing ends.
10/18/2009 9:08:52 PM -- Dispatching transactions begins ...
10/18/2009 9:08:52 PM -- Database cache settings: (minimum: 1.6 GB, maximum: 12.5
GB)
10/18/2009 9:08:52 PM -- Database flush thresholds: (start: 128.0 MB, stop: 256.0
MB)
10/18/2009 9:09:46 PM -- Database read latency thresholds: (average: 0.02
seconds/read, maximum: 0.05 seconds/read).
10/18/2009 9:09:46 PM -- Log write latency thresholds: (average: 0.01
seconds/write, maximum: 0.05 seconds/write).
10/18/2009 9:09:52 PM -- Operation mix: Sessions 2, Inserts 40%, Deletes 30%,

```

Replaces 5%, Reads 25%, Lazy Commits 55%.

10/18/2009 9:09:52 PM -- Performance logging begins (interval: 15000 ms).

10/18/2009 9:09:52 PM -- Generating log files ...

10/19/2009 3:07:45 AM -- C:\alogluns\log1 (102.6% generated), C:\alogluns\log2 (100.2% generated), C:\alogluns\log3 (103.0% generated), C:\alogluns\log4 (103.2% generated), C:\alogluns\log5 (101.8% generated), C:\alogluns\log6 (102.6% generated), C:\alogluns\log7 (105.4% generated), C:\alogluns\log8 (101.6% generated), C:\alogluns\log9 (102.8% generated), C:\alogluns\log10 (105.0% generated), C:\alogluns\log11 (102.8% generated), C:\alogluns\log12 (104.4% generated), C:\alogluns\log13 (103.0% generated), C:\alogluns\log14 (104.2% generated), C:\alogluns\log15 (104.2% generated), C:\alogluns\log16 (105.0% generated), C:\alogluns\log17 (104.2% generated), C:\alogluns\log18 (104.0% generated), C:\alogluns\log19 (102.6% generated), C:\alogluns\log20 (103.6% generated), C:\alogluns\log21 (102.2% generated), C:\alogluns\log22 (103.8% generated), C:\alogluns\log23 (105.2% generated), C:\alogluns\log24 (102.2% generated), C:\alogluns\log25 (105.0% generated), C:\alogluns\log26 (102.0% generated), C:\alogluns\log27 (103.0% generated), C:\alogluns\log28 (102.0% generated), C:\alogluns\log29 (102.8% generated), C:\alogluns\log30 (103.6% generated), C:\alogluns\log31 (104.8% generated), C:\alogluns\log32 (103.0% generated), C:\alogluns\log33 (104.4% generated), C:\alogluns\log34 (102.2% generated), C:\alogluns\log35 (103.2% generated), C:\alogluns\log36 (105.2% generated), C:\alogluns\log37 (102.0% generated), C:\alogluns\log38 (103.8% generated), C:\alogluns\log39 (102.8% generated), C:\alogluns\log40 (102.2% generated), C:\alogluns\log41 (102.2% generated), C:\alogluns\log42 (102.8% generated), C:\alogluns\log43 (102.4% generated), C:\alogluns\log44 (102.2% generated), C:\alogluns\log45 (103.4% generated), C:\alogluns\log46 (102.6% generated), C:\alogluns\log47 (102.8% generated), C:\alogluns\log48 (103.4% generated), C:\alogluns\log49 (103.8% generated), and C:\alogluns\log50 (101.4% generated)

10/19/2009 3:07:45 AM -- Performance logging ends.

10/19/2009 3:07:45 AM -- JetInterop batch transaction stats: 13369, 13209, 13375, 13484, 13468, 13391, 13827, 13191, 13407, 13603, 13527, 13744, 13542, 13515, 13413, 13551, 13688, 13508, 13455, 13618, 13476, 13459, 13503, 13382, 13626, 13357, 13529, 13297, 13460, 13452, 13552, 13303, 13522, 13430, 13510, 13597, 13349, 13539, 13385, 13566, 13535, 13441, 13314, 13311, 13552, 13453, 13452, 13446, 13652, and 13330.

10/19/2009 3:07:45 AM -- Dispatching transactions ends.

10/19/2009 3:07:45 AM -- Shutting down databases ...

10/19/2009 3:07:53 AM -- Instance4624.1 (complete), Instance4624.2 (complete), Instance4624.3 (complete), Instance4624.4 (complete), Instance4624.5 (complete), Instance4624.6 (complete), Instance4624.7 (complete), Instance4624.8 (complete), Instance4624.9 (complete), Instance4624.10 (complete), Instance4624.11 (complete), Instance4624.12 (complete), Instance4624.13 (complete), Instance4624.14 (complete), Instance4624.15 (complete), Instance4624.16 (complete), Instance4624.17 (complete), Instance4624.18 (complete), Instance4624.19 (complete), Instance4624.20 (complete), Instance4624.21 (complete), Instance4624.22 (complete), Instance4624.23 (complete), Instance4624.24 (complete), Instance4624.25 (complete), Instance4624.26 (complete), Instance4624.27 (complete), Instance4624.28 (complete), Instance4624.29 (complete), Instance4624.30 (complete), Instance4624.31 (complete), Instance4624.32 (complete), Instance4624.33 (complete), Instance4624.34 (complete), Instance4624.35 (complete), Instance4624.36 (complete), Instance4624.37 (complete), Instance4624.38 (complete), Instance4624.39 (complete), Instance4624.40 (complete), Instance4624.41 (complete), Instance4624.42 (complete), Instance4624.43 (complete), Instance4624.44 (complete), Instance4624.45 (complete), Instance4624.46 (complete), Instance4624.47 (complete), Instance4624.48 (complete), Instance4624.49 (complete), and Instance4624.50 (complete)

10/19/2009 3:07:53 AM -- C:\ESRP_HDP_500MB_RAID10\SoftRecovery\Performance_2009_10_18_21_9_46.blg has 1416 samples.

10/19/2009 3:07:53 AM -- Creating test report ...

10/19/2009 3:09:13 AM -- Volume C:\asgluns\sg1 has 0.0108 for Avg. Disk sec/Read.

10/19/2009 3:09:13 AM -- Volume C:\asgluns\sg2 has 0.0099 for Avg. Disk sec/Read.

10/19/2009 3:09:13 AM -- volume C:\asgluns\sg3 has 0.0099 for Avg. Disk sec/Read.


```

sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg40 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg41 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg42 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg43 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg44 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg45 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg46 has 0.0100 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg47 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg48 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg49 has 0.0100 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\asgluns\sg50 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log1 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log1 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log2 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log2 has 0.0005 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log3 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log3 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log4 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log4 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log5 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log5 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log6 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log6 has 0.0005 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log7 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log7 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log8 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log8 has 0.0005 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log9 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log9 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log10 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log10 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log11 has 0.0007 for Avg. Disk
sec/write.

```


10/19/2009 3:09:21 AM -- volume C:\alogluns\log44 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log44 has 0.0005 for Avg. Disk
sec/Read.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log45 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log45 has 0.0007 for Avg. Disk
sec/Read.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log46 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log46 has 0.0005 for Avg. Disk
sec/Read.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log47 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log47 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log48 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log48 has 0.0005 for Avg. Disk
sec/Read.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log49 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log49 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log50 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log50 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:21 AM -- Test has 0 Maximum Database Page Fault Stalls/sec.
10/19/2009 3:09:21 AM -- Test has 0 Database Page Fault Stalls/sec samples higher
than 0.
10/19/2009 3:09:21 AM --
C:\ESRP_HDP_500MB_RAID10\SoftRecovery\Performance_2009_10_18_21_9_46.xml has 1415
samples queried.
10/19/2009 3:09:21 AM --
C:\ESRP_HDP_500MB_RAID10\SoftRecovery\Performance_2009_10_18_21_9_46.html is
saved.
10/19/2009 3:18:37 AM -- Performance logging begins (interval: 4000 ms).
10/19/2009 3:18:37 AM -- Recovering databases ...
10/19/2009 4:12:35 AM -- Performance logging ends.
10/19/2009 4:12:35 AM -- Instance4624.1 (3204.4477412), Instance4624.2
(3210.2821786), Instance4624.3 (3234.1503316), Instance4624.4 (3233.8851299),
Instance4624.5 (3232.5591214), Instance4624.6 (3225.3986755), Instance4624.7
(3237.8631554), Instance4624.8 (3231.2331129), Instance4624.9 (3232.5591214),
Instance4624.10 (3237.5979537), Instance4624.11 (3231.7635163), Instance4624.12
(3232.8243231), Instance4624.13 (3229.376701), Instance4624.14 (3237.5979537),
Instance4624.15 (3233.6199282), Instance4624.16 (3237.0675503), Instance4624.17
(3235.7415418), Instance4624.18 (3234.1503316), Instance4624.19 (3224.6030704),
Instance4624.20 (3237.0675503), Instance4624.21 (3229.1114993), Instance4624.22
(3234.4155333), Instance4624.23 (3237.5979537), Instance4624.24 (3224.8682721),
Instance4624.25 (3237.5979537), Instance4624.26 (3232.028718), Instance4624.27
(3229.376701), Instance4624.28 (3230.1723061), Instance4624.29 (3231.2331129),
Instance4624.30 (3236.0067435), Instance4624.31 (3236.5371469), Instance4624.32
(3235.7415418), Instance4624.33 (3237.5979537), Instance4624.34 (3228.3158942),
Instance4624.35 (3233.8851299), Instance4624.36 (3237.8631554), Instance4624.37
(3228.8462976), Instance4624.38 (3235.7415418), Instance4624.39 (3228.8462976),
Instance4624.40 (3233.8851299), Instance4624.41 (3225.9290789), Instance4624.42
(3234.1503316), Instance4624.43 (3224.8682721), Instance4624.44 (3217.9730279),
Instance4624.45 (3234.4155333), Instance4624.46 (3222.4814568), Instance4624.47
(3232.5591214), Instance4624.48 (3236.0067435), Instance4624.49 (3234.9459367),
and Instance4624.50 (3202.856531)
10/19/2009 4:12:36 AM --
C:\ESRP_HDP_500MB_RAID10\SoftRecovery\SoftRecovery_2009_10_19_3_18_13.blg has 773
samples.
10/19/2009 4:12:36 AM -- Creating test report ...

Soft Recovery Test Performance Result: SUN165

Test Summary

Overall Test Result	Pass
Machine Name	SUN165
Test Description	Soft Recovery
Test Start Time	10/18/2009 9:08:01 PM
Test End Time	10/19/2009 3:07:53 AM
Jetstress Version	08.02.0060.000
Ese Version	08.01.0240.005
Operating System	Windows Server (R) 2008 Enterprise Service Pack 1 (6.0.6001.65536)
Performance Log	C:\ESRP_HDP_500MB_RAID10\SoftRecovery\Performance_2009_10_18_21_9_46.blg

Database Sizing and Throughput

Achieved I/O per Second	1829.015
Capacity Percentage	100%
Throughput Percentage	100%
Initial database size	3688653160448
Final database size	3706768359424
Database files (count)	50

Jetstress System Parameters

Thread count	2 (per storage group)
Log buffers	9000
Minimum database cache	1600.0 MB
Maximum database cache	12800.0 MB
Insert operations	40%
Delete operations	30%
Replace operations	5%
Read operations	25%
Lazy commits	55%

Disk Subsystem Performance

Logical Disk	Avg. Disk sec/Read	Avg. Disk sec/Write	Disk Reads/sec	Disk Writes/sec	Avg. Disk Bytes/Write
Database (C:\asgluns\sg1)	0.011	0.003	20.275	15.915	(n/a)
Database	0.010	0.003	20.067	15.778	(n/a)

(C:\asgluns\sg2)					
Database (C:\asgluns\sg3)	0.010	0.002	20.245	15.914	(n/a)
Database (C:\asgluns\sg4)	0.010	0.003	20.524	16.137	(n/a)
Database (C:\asgluns\sg5)	0.010	0.002	20.279	15.962	(n/a)
Database (C:\asgluns\sg6)	0.010	0.003	20.225	15.918	(n/a)
Database (C:\asgluns\sg7)	0.010	0.002	21.037	16.649	(n/a)
Database (C:\asgluns\sg8)	0.010	0.003	19.912	15.707	(n/a)
Database (C:\asgluns\sg9)	0.010	0.002	20.276	16.076	(n/a)
Database (C:\asgluns\sg10)	0.010	0.003	20.808	16.431	(n/a)
Database (C:\asgluns\sg11)	0.010	0.002	20.713	16.237	(n/a)
Database (C:\asgluns\sg12)	0.010	0.003	20.793	16.358	(n/a)
Database (C:\asgluns\sg13)	0.010	0.002	20.614	16.177	(n/a)
Database (C:\asgluns\sg14)	0.010	0.003	20.227	15.930	(n/a)
Database (C:\asgluns\sg15)	0.010	0.002	20.269	15.994	(n/a)
Database (C:\asgluns\sg16)	0.010	0.003	20.497	16.240	(n/a)
Database (C:\asgluns\sg17)	0.010	0.002	20.723	16.326	(n/a)
Database (C:\asgluns\sg18)	0.010	0.003	20.536	16.091	(n/a)
Database (C:\asgluns\sg19)	0.010	0.002	20.486	16.043	(n/a)
Database (C:\asgluns\sg20)	0.010	0.003	20.668	16.259	(n/a)
Database (C:\asgluns\sg21)	0.010	0.002	20.463	15.998	(n/a)
Database (C:\asgluns\sg22)	0.010	0.003	20.412	15.985	(n/a)
Database (C:\asgluns\sg23)	0.010	0.002	20.534	16.263	(n/a)
Database (C:\asgluns\sg24)	0.010	0.003	20.545	16.097	(n/a)

Database (C:\asgluns\sg25)	0.010	0.002	20.612	16.357	(n/a)
Database (C:\asgluns\sg26)	0.010	0.003	20.466	15.996	(n/a)
Database (C:\asgluns\sg27)	0.010	0.002	20.573	16.178	(n/a)
Database (C:\asgluns\sg28)	0.010	0.003	20.497	16.003	(n/a)
Database (C:\asgluns\sg29)	0.010	0.002	20.551	16.219	(n/a)
Database (C:\asgluns\sg30)	0.010	0.003	20.317	16.107	(n/a)
Database (C:\asgluns\sg31)	0.010	0.002	20.587	16.353	(n/a)
Database (C:\asgluns\sg32)	0.010	0.003	20.165	15.874	(n/a)
Database (C:\asgluns\sg33)	0.010	0.002	20.403	16.038	(n/a)
Database (C:\asgluns\sg34)	0.010	0.003	20.401	15.935	(n/a)
Database (C:\asgluns\sg35)	0.010	0.002	20.327	15.964	(n/a)
Database (C:\asgluns\sg36)	0.010	0.003	20.712	16.455	(n/a)
Database (C:\asgluns\sg37)	0.010	0.002	20.457	15.937	(n/a)
Database (C:\asgluns\sg38)	0.010	0.003	20.562	16.222	(n/a)
Database (C:\asgluns\sg39)	0.010	0.002	20.367	16.119	(n/a)
Database (C:\asgluns\sg40)	0.010	0.003	20.568	16.097	(n/a)
Database (C:\asgluns\sg41)	0.010	0.002	20.728	16.130	(n/a)
Database (C:\asgluns\sg42)	0.010	0.003	20.420	16.183	(n/a)
Database (C:\asgluns\sg43)	0.010	0.002	20.334	16.049	(n/a)
Database (C:\asgluns\sg44)	0.010	0.003	20.287	15.762	(n/a)
Database (C:\asgluns\sg45)	0.010	0.002	20.631	16.258	(n/a)
Database (C:\asgluns\sg46)	0.010	0.003	20.529	16.175	(n/a)
Database	0.010	0.002	20.615	16.187	(n/a)

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(C:\asgluns\sg47)					
Database (C:\asgluns\sg48)	0.010	0.003	20.321	16.009	(n/a)
Database (C:\asgluns\sg49)	0.010	0.002	20.845	16.354	(n/a)
Database (C:\asgluns\sg50)	0.010	0.003	20.253	15.911	(n/a)
Log (C:\alogluns\log1)	0.001	0.001	0.005	13.230	4163.062
Log (C:\alogluns\log2)	0.001	0.001	0.005	12.987	4088.250
Log (C:\alogluns\log3)	0.001	0.001	0.005	13.241	4100.153
Log (C:\alogluns\log4)	0.001	0.001	0.005	13.395	4121.652
Log (C:\alogluns\log5)	0.001	0.001	0.005	13.185	4088.152
Log (C:\alogluns\log6)	0.001	0.001	0.005	13.222	4120.716
Log (C:\alogluns\log7)	0.001	0.001	0.005	13.671	4112.520
Log (C:\alogluns\log8)	0.001	0.001	0.005	13.046	4126.823
Log (C:\alogluns\log9)	0.001	0.001	0.005	13.256	4087.942
Log (C:\alogluns\log10)	0.001	0.001	0.005	13.554	4108.386
Log (C:\alogluns\log11)	0.001	0.001	0.005	13.358	4098.605
Log (C:\alogluns\log12)	0.001	0.001	0.005	13.534	4134.670
Log (C:\alogluns\log13)	0.001	0.001	0.005	13.277	4102.724
Log (C:\alogluns\log14)	0.001	0.001	0.005	13.273	4155.058
Log (C:\alogluns\log15)	0.001	0.001	0.005	13.332	4241.380
Log (C:\alogluns\log16)	0.001	0.001	0.005	13.503	4190.303
Log (C:\alogluns\log17)	0.001	0.001	0.005	13.455	4117.740
Log (C:\alogluns\log18)	0.001	0.001	0.005	13.330	4176.503
Log (C:\alogluns\log19)	0.001	0.001	0.005	13.281	4078.288
Log (C:\alogluns\log20)	0.001	0.001	0.005	13.399	4094.636
Log (C:\alogluns\log21)	0.001	0.001	0.005	13.228	4128.104
Log (C:\alogluns\log22)	0.001	0.001	0.005	13.286	4125.016
Log (C:\alogluns\log23)	0.001	0.001	0.005	13.551	4169.269
Log (C:\alogluns\log24)	0.001	0.001	0.005	13.299	4080.185
Log (C:\alogluns\log25)	0.001	0.001	0.005	13.546	4130.333
Log (C:\alogluns\log26)	0.001	0.001	0.005	13.219	4101.404
Log (C:\alogluns\log27)	0.001	0.001	0.005	13.313	4097.803
Log (C:\alogluns\log28)	0.001	0.001	0.005	13.193	4088.825
Log (C:\alogluns\log29)	0.001	0.001	0.004	13.298	4090.264
Log (C:\alogluns\log30)	0.001	0.001	0.005	13.291	4127.325
Log (C:\alogluns\log31)	0.001	0.001	0.005	13.562	4087.919
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Log (C:\alogluns\log32)	0.001	0.001	0.005	13.183	4134.730
Log (C:\alogluns\log33)	0.001	0.001	0.005	13.359	4177.677
Log (C:\alogluns\log34)	0.001	0.001	0.005	13.155	4114.970
Log (C:\alogluns\log35)	0.001	0.001	0.005	13.209	4160.610
Log (C:\alogluns\log36)	0.001	0.001	0.005	13.606	4139.171
Log (C:\alogluns\log37)	0.001	0.001	0.005	13.199	4047.210
Log (C:\alogluns\log38)	0.001	0.001	0.005	13.343	4066.771
Log (C:\alogluns\log39)	0.001	0.001	0.005	13.292	4130.992
Log (C:\alogluns\log40)	0.001	0.001	0.005	13.328	4064.655
Log (C:\alogluns\log41)	0.001	0.001	0.005	13.244	4088.034
Log (C:\alogluns\log42)	0.001	0.001	0.004	13.305	4144.969
Log (C:\alogluns\log43)	0.001	0.001	0.005	13.195	4118.230
Log (C:\alogluns\log44)	0.000	0.001	0.005	13.196	4093.120
Log (C:\alogluns\log45)	0.001	0.001	0.005	13.434	4063.975
Log (C:\alogluns\log46)	0.000	0.001	0.005	13.320	4105.157
Log (C:\alogluns\log47)	0.001	0.001	0.005	13.222	4135.208
Log (C:\alogluns\log48)	0.001	0.001	0.005	13.309	4139.244
Log (C:\alogluns\log49)	0.001	0.001	0.005	13.443	4070.683
Log (C:\alogluns\log50)	0.001	0.001	0.005	13.142	4050.984

Host System Performance

<i>Counter</i>	<i>Average</i>	<i>Minimum</i>	<i>Maximum</i>
% Processor Time	2.308	0.770	11.087
Available MBytes	18457.693	17540.000	29790.000
Free System Page Table Entries	33564606.965	33561415.000	33567353.000
Transition Pages RePurposed/sec	54.213	0.000	6875.907
Pool Nonpaged Bytes	155554356.068	153911296.000	156004352.000
Pool Paged Bytes	227966669.379	216199168.000	255373312.000
Database Page Fault Stalls/sec	0.000	0.000	0.000

Test Log

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10/18/2009 9:08:01 PM -- Jetstress testing begins ...
10/18/2009 9:08:01 PM -- Prepare testing begins ...
10/18/2009 9:08:02 PM -- Attaching databases ...
10/18/2009 9:08:52 PM -- Prepare testing ends.
10/18/2009 9:08:52 PM -- Dispatching transactions begins ...
10/18/2009 9:08:52 PM -- Database cache settings: (minimum: 1.6 GB, maximum: 12.5
GB)
10/18/2009 9:08:52 PM -- Database flush thresholds: (start: 128.0 MB, stop: 256.0
MB)
10/18/2009 9:09:46 PM -- Database read latency thresholds: (average: 0.02

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seconds/read, maximum: 0.05 seconds/read).
10/18/2009 9:09:46 PM -- Log write latency thresholds: (average: 0.01 seconds/write, maximum: 0.05 seconds/write).
10/18/2009 9:09:52 PM -- Operation mix: Sessions 2, Inserts 40%, Deletes 30%, Replaces 5%, Reads 25%, Lazy Commits 55%.
10/18/2009 9:09:52 PM -- Performance logging begins (interval: 15000 ms).
10/18/2009 9:09:52 PM -- Generating log files ...
10/19/2009 3:07:45 AM -- C:\alogluns\log1 (102.6% generated), C:\alogluns\log2 (100.2% generated), C:\alogluns\log3 (103.0% generated), C:\alogluns\log4 (103.2% generated), C:\alogluns\log5 (101.8% generated), C:\alogluns\log6 (102.6% generated), C:\alogluns\log7 (105.4% generated), C:\alogluns\log8 (101.6% generated), C:\alogluns\log9 (102.8% generated), C:\alogluns\log10 (105.0% generated), C:\alogluns\log11 (102.8% generated), C:\alogluns\log12 (104.4% generated), C:\alogluns\log13 (103.0% generated), C:\alogluns\log14 (104.2% generated), C:\alogluns\log15 (104.2% generated), C:\alogluns\log16 (105.0% generated), C:\alogluns\log17 (104.2% generated), C:\alogluns\log18 (104.0% generated), C:\alogluns\log19 (102.6% generated), C:\alogluns\log20 (103.6% generated), C:\alogluns\log21 (102.2% generated), C:\alogluns\log22 (103.8% generated), C:\alogluns\log23 (105.2% generated), C:\alogluns\log24 (102.2% generated), C:\alogluns\log25 (105.0% generated), C:\alogluns\log26 (102.0% generated), C:\alogluns\log27 (103.0% generated), C:\alogluns\log28 (102.0% generated), C:\alogluns\log29 (102.8% generated), C:\alogluns\log30 (103.6% generated), C:\alogluns\log31 (104.8% generated), C:\alogluns\log32 (103.0% generated), C:\alogluns\log33 (104.4% generated), C:\alogluns\log34 (102.2% generated), C:\alogluns\log35 (103.2% generated), C:\alogluns\log36 (105.2% generated), C:\alogluns\log37 (102.0% generated), C:\alogluns\log38 (103.8% generated), C:\alogluns\log39 (102.8% generated), C:\alogluns\log40 (102.2% generated), C:\alogluns\log41 (102.2% generated), C:\alogluns\log42 (102.8% generated), C:\alogluns\log43 (102.4% generated), C:\alogluns\log44 (102.2% generated), C:\alogluns\log45 (103.4% generated), C:\alogluns\log46 (102.6% generated), C:\alogluns\log47 (102.8% generated), C:\alogluns\log48 (103.4% generated), C:\alogluns\log49 (103.8% generated), and C:\alogluns\log50 (101.4% generated)
10/19/2009 3:07:45 AM -- Performance logging ends.
10/19/2009 3:07:45 AM -- JetInterop batch transaction stats: 13369, 13209, 13375, 13484, 13468, 13391, 13827, 13191, 13407, 13603, 13527, 13744, 13542, 13515, 13413, 13551, 13688, 13508, 13455, 13618, 13476, 13459, 13503, 13382, 13626, 13357, 13529, 13297, 13460, 13452, 13552, 13303, 13522, 13430, 13510, 13597, 13349, 13539, 13385, 13566, 13535, 13441, 13314, 13311, 13552, 13453, 13452, 13446, 13652, and 13330.
10/19/2009 3:07:45 AM -- Dispatching transactions ends.
10/19/2009 3:07:45 AM -- Shutting down databases ...
10/19/2009 3:07:53 AM -- Instance4624.1 (complete), Instance4624.2 (complete), Instance4624.3 (complete), Instance4624.4 (complete), Instance4624.5 (complete), Instance4624.6 (complete), Instance4624.7 (complete), Instance4624.8 (complete), Instance4624.9 (complete), Instance4624.10 (complete), Instance4624.11 (complete), Instance4624.12 (complete), Instance4624.13 (complete), Instance4624.14 (complete), Instance4624.15 (complete), Instance4624.16 (complete), Instance4624.17 (complete), Instance4624.18 (complete), Instance4624.19 (complete), Instance4624.20 (complete), Instance4624.21 (complete), Instance4624.22 (complete), Instance4624.23 (complete), Instance4624.24 (complete), Instance4624.25 (complete), Instance4624.26 (complete), Instance4624.27 (complete), Instance4624.28 (complete), Instance4624.29 (complete), Instance4624.30 (complete), Instance4624.31 (complete), Instance4624.32 (complete), Instance4624.33 (complete), Instance4624.34 (complete), Instance4624.35 (complete), Instance4624.36 (complete), Instance4624.37 (complete), Instance4624.38 (complete), Instance4624.39 (complete), Instance4624.40 (complete), Instance4624.41 (complete), Instance4624.42 (complete), Instance4624.43 (complete), Instance4624.44 (complete), Instance4624.45 (complete), Instance4624.46 (complete), Instance4624.47 (complete), Instance4624.48 (complete), Instance4624.49 (complete), and Instance4624.50 (complete)
10/19/2009 3:07:53 AM --
C:\ESRP_HDP_500MB_RAID10\SoftRecovery\Performance_2009_10_18_21_9_46.blg has 1416 samples.

10/19/2009 3:07:53 AM -- Creating test report ...
10/19/2009 3:09:13 AM -- Volume C:\asgluns\sg1 has 0.0108 for Avg. Disk sec/Read.
10/19/2009 3:09:13 AM -- Volume C:\asgluns\sg2 has 0.0099 for Avg. Disk sec/Read.
10/19/2009 3:09:13 AM -- Volume C:\asgluns\sg3 has 0.0099 for Avg. Disk sec/Read.
10/19/2009 3:09:14 AM -- Volume C:\asgluns\sg4 has 0.0099 for Avg. Disk sec/Read.
10/19/2009 3:09:14 AM -- Volume C:\asgluns\sg5 has 0.0098 for Avg. Disk sec/Read.
10/19/2009 3:09:14 AM -- Volume C:\asgluns\sg6 has 0.0099 for Avg. Disk sec/Read.
10/19/2009 3:09:14 AM -- Volume C:\asgluns\sg7 has 0.0100 for Avg. Disk sec/Read.
10/19/2009 3:09:14 AM -- Volume C:\asgluns\sg8 has 0.0098 for Avg. Disk sec/Read.
10/19/2009 3:09:14 AM -- Volume C:\asgluns\sg9 has 0.0099 for Avg. Disk sec/Read.
10/19/2009 3:09:14 AM -- Volume C:\asgluns\sg10 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:14 AM -- Volume C:\asgluns\sg11 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:14 AM -- Volume C:\asgluns\sg12 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:14 AM -- Volume C:\asgluns\sg13 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:14 AM -- Volume C:\asgluns\sg14 has 0.0100 for Avg. Disk
sec/Read.
10/19/2009 3:09:15 AM -- Volume C:\asgluns\sg15 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:15 AM -- Volume C:\asgluns\sg16 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:15 AM -- Volume C:\asgluns\sg17 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:15 AM -- Volume C:\asgluns\sg18 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:15 AM -- Volume C:\asgluns\sg19 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:15 AM -- Volume C:\asgluns\sg20 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:15 AM -- Volume C:\asgluns\sg21 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:15 AM -- Volume C:\asgluns\sg22 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:15 AM -- Volume C:\asgluns\sg23 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:15 AM -- Volume C:\asgluns\sg24 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:15 AM -- Volume C:\asgluns\sg25 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:15 AM -- Volume C:\asgluns\sg26 has 0.0100 for Avg. Disk
sec/Read.
10/19/2009 3:09:16 AM -- Volume C:\asgluns\sg27 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:16 AM -- Volume C:\asgluns\sg28 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:16 AM -- Volume C:\asgluns\sg29 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:16 AM -- Volume C:\asgluns\sg30 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:16 AM -- Volume C:\asgluns\sg31 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:16 AM -- Volume C:\asgluns\sg32 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:16 AM -- Volume C:\asgluns\sg33 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:16 AM -- Volume C:\asgluns\sg34 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:16 AM -- Volume C:\asgluns\sg35 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:16 AM -- Volume C:\asgluns\sg36 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:16 AM -- Volume C:\asgluns\sg37 has 0.0099 for Avg. Disk

```

sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg38 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg39 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg40 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg41 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg42 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg43 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg44 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg45 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg46 has 0.0100 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg47 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg48 has 0.0099 for Avg. Disk
sec/Read.
10/19/2009 3:09:17 AM -- volume C:\asgluns\sg49 has 0.0100 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\asgluns\sg50 has 0.0098 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log1 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log1 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log2 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log2 has 0.0005 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log3 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log3 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log4 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log4 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log5 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log5 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log6 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log6 has 0.0005 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log7 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log7 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log8 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log8 has 0.0005 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log9 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log9 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:18 AM -- volume C:\alogluns\log10 has 0.0007 for Avg. Disk
sec/write.

```


10/19/2009 3:09:21 AM -- volume C:\alogluns\log43 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log43 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log44 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log44 has 0.0005 for Avg. Disk
sec/Read.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log45 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log45 has 0.0007 for Avg. Disk
sec/Read.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log46 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log46 has 0.0005 for Avg. Disk
sec/Read.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log47 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log47 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log48 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log48 has 0.0005 for Avg. Disk
sec/Read.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log49 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log49 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log50 has 0.0007 for Avg. Disk
sec/write.
10/19/2009 3:09:21 AM -- volume C:\alogluns\log50 has 0.0006 for Avg. Disk
sec/Read.
10/19/2009 3:09:21 AM -- Test has 0 Maximum Database Page Fault Stalls/sec.
10/19/2009 3:09:21 AM -- Test has 0 Database Page Fault Stalls/sec samples higher
than 0.
10/19/2009 3:09:21 AM --
C:\ESRP_HDP_500MB_RAID10\softRecovery\Performance_2009_10_18_21_9_46.xml has 1415
samples queried.



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