

NotesBench Disclosure Report
for
IBM® eServer® BladeCenter™
using
Lotus® Domino® Server 6.5.1
and
Red Hat Linux Advanced Server 2.1

Results Submitted February 13, 2004

Results Certified February 26, 2004

IBM Corporation

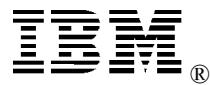


Table of Contents

Section 1: Executive Summary

Section 2: Benchmarking Objectives

Section 3: Test Methodologies

Section 4: Data

Section 5: Analysis

Section 6: Conclusions

Section 7: Statement by Auditor

Appendix A: Overall Test Setup and Software Versions

Appendix B: System Configurations

Appendix C: Operating System Parameters Values

Appendix D: Notes Parameters (Notes.INI files)

Appendix E: Network Configuration File(s)

Appendix F: Guidelines for Information Usage

Appendix G: Pricing

Appendix H: Optional (vendor-defined information)

Appendix I: Domino “Show Statistics” Output

Edition Notice

Executive Summary

The IBM® @server® BladeCenter™ server demonstrated leadership performance running Lotus® Domino® Server Release 6.5.1 on Red Hat Linux Advanced Server 2.1. The results detailed in this report were obtained using the NotesBench R6 iNotes-Only workload.

Test Script	Maximum Users	NotesMark (tpm)	Ave. Response Time (sec)	\$/User	\$/NotesMark
R6 iNotes-Only	6,800	5,681	1.89	\$23.70	\$28.36

The BladeCenter chassis was configured with one HS40 blade that used 3.0GHz¹ Intel® Xeon™ Processors MP, 8GB of PC2100 memory, and 29 hard disk drives. The Domino server contained more than 14,400 person documents in two Domino partitions that were part of the same domain. For complete configuration details, see Appendix A: Overall Test Setup and Software Versions.

The server under test supported an R6 iNotes-Only workload of 6,800 active mail users (see price/performance results² above).

IBM's xSeries Server Performance Laboratory in Research Triangle Park, NC, conducted the benchmark in February, and KMDS Technical Associates, Inc., audited and certified the results in February 2004.

NotesBench provides an objective method for evaluating the performance of different platforms running Lotus Domino Server. NotesBench generates a transactions-per-minute (tpm) throughput metric, called a NotesMark, for each test, along with a value for the maximum capacity (number of users) supported, and the average response time.

Benchmarking Objectives

The benchmark objective was to provide customers with information on how to utilize the capability of the BladeCenter system as a Domino Server 6.5.1 mail server configured with a Fibre Channel Adapter for RAID-1 data redundancy.

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

² The price/performance results are based on IBM's published list prices.

Test Methodologies

Test Setup and Hardware/Software Configuration

The BladeCenter chassis system under test was equipped with one BladeCenter HS40 blade, which was configured with four 3.0GHz Xeon Processor MP with 4MB L3 cache, 8GB of PC2100 memory, one 40GB EIDE hard drive, and one Fibre Channel Host Adapter that connected to a FAStT700 Fibre Channel Storage Server via a Fibre Channel switch. Two FAStT EXP700 Storage Expansion Enclosures, which each held fourteen 36.4GB 15K rpm Fibre Channel hard drives, were attached to the FAStT700 Fibre Channel Storage Server. The internal EIDE hard drive was used as the boot disk. Two Fibre Channel hard drives were configured as RAID-1 for Domino data directory. 26 Fibre Channel hard drives were configured as two RAID-1 arrays, one composed of 12 drives and the other one composed of 14 drives, were used for mail database storage. A more detailed description of the configuration is provided in Appendix A.

The network consisted of one LAN segment and used one 24-port Cisco Catalyst 3500-XL switch. Two integrated gigabit Ethernet interfaces were used with a 4-port Gb switch.

The BladeCenter HS40 server ran Red Hat Linux Advanced Server 2.1 Update2 and Domino Server 6.5.1.

The Fibre Channel controller configuration value for Stripe Unit Size was set at 16KB.

The following NOTES.INI parameters were modified as recommended in the NotesBench operator's manual.

R6 iNotes-Only Workload
Server_Max_Concurrent_Trans=100
NSF_DBcache_MaxEntries=4800
NSF_Buffer_Pool_Size_MB=140
MailLogToEventsOnly=1
Log_MailRouting=10
Log_Sessions=0
Server_Pool_Tasks=80
Max_Users=4800

In the Server-Configuration document, four mail.boxes were used for mail routing.

The following parameters were added to suppress database activity logging after long runs and to capture server console output:

```
No_Force_ActivityLogging=1  
Server_Show_Performance=1  
Debug_Outfile=/home/notes/sutx_info.txt
```

Where x is 1 for first Domino partition and 2 for second Domino partition. All Notes server tasks were disabled except Router and HTTP.

All Domino mail database files were located on the RAID-1 arrays and were mounted as directories /data1, /data2, and /data. The Domino executable code is located on the boot disk mounted as /opt/lotus while data directory, and mail database file links were located on the two-drive RAID-1 array and were mounted as directories /local/notesdata1 and /local/notesdata2.

Test Procedures

Several trial runs were conducted to attempt to exhaust at least one of the system resources: processor, memory or disk subsystem. System resource utilization was monitored using the standard Linux tool *sar*.

The 6,800 users were distributed over nine clients. The first eight clients added 800 users and the ninth client added 400 users to the system under test. The test ran for 11 hours, including ramp-up. The actual ramp-up period from startup of child 1 to the point when all 6,800 users were shown on the server console was approximately 4 hours. The test ran for more than 6 hours after ramp-up. During the test runs, the user load was verified using the client output (RES files).

To confirm steady state, we verified the number of users at the server and its logs. By monitoring the clients' output (RES file) on the parent system, we confirmed steady state when the intended number of users was reached. To ensure that the test results were reproducible, all tests were repeated, and the results were compared and were found to be consistent.

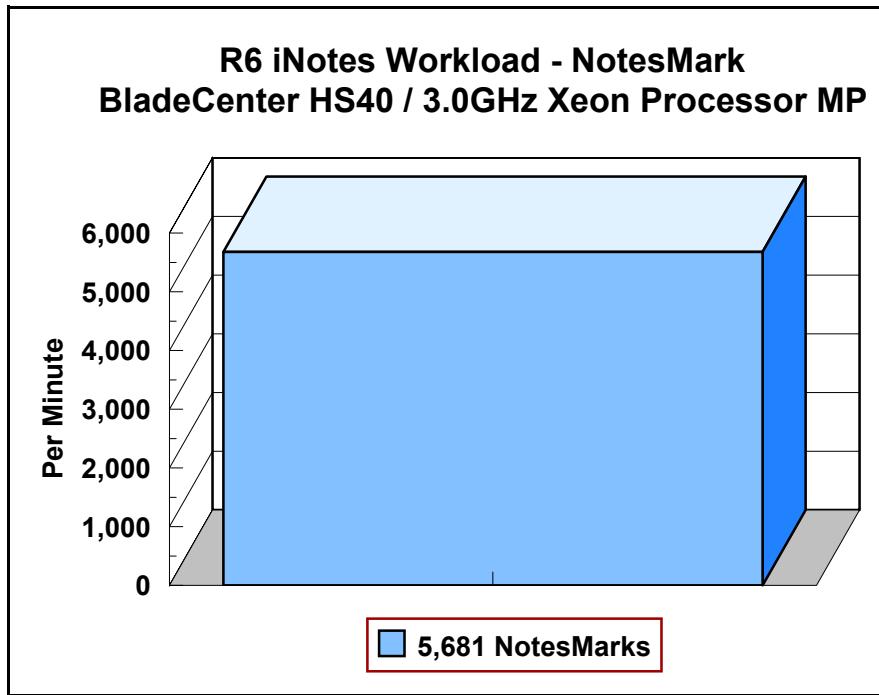
Other NotesBench Tests

IBM intends to continue conducting NotesBench measurements to further optimize and exploit the performance capability of the xSeries product line running Domino Server 6.5.1.

Data

NotesMark Value for R6 iNotes Test

The BladeCenter HS40 server demonstrated that it can support 6,800 concurrent, active users with this workload. The NotesMark throughput value was 5,681. Average response time was 1.890 seconds. The test ran error-free for a period of more than 6 hours.



The iNotes Web Access workload executes Notes transactions that model a server for mail users who access mail via the Web. The resulting capacity metric for a server is the maximum number of users that can be supported before the average user response time becomes unacceptable.

The R6 iNotes workload, which models an active user sending, receiving, and deleting mail via a browser interface, also incorporates variable mail message sizes and attachments (50KB and 10MB). An average user executes the simulation script four times an hour. Each time the script is performed, it checks and retrieves mail messages. Each user sends a mail message to three recipients no more than 90 minutes. Within a 15-minute period, each user will read five documents and delete two documents. Messages sent by each user are delivered to the mail database of the other users on the System Under Test.

NotesNum Output for R6 iNotes Test

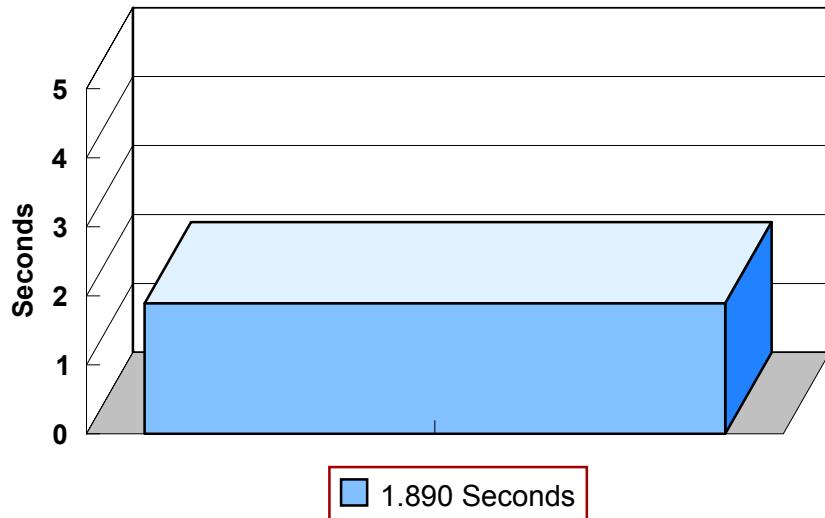
Min Start Time = 02/12/2004 02:35:53 PM Max Stop Time = 02/13/2004 01:27:56 AM

Total Test Errors = 0

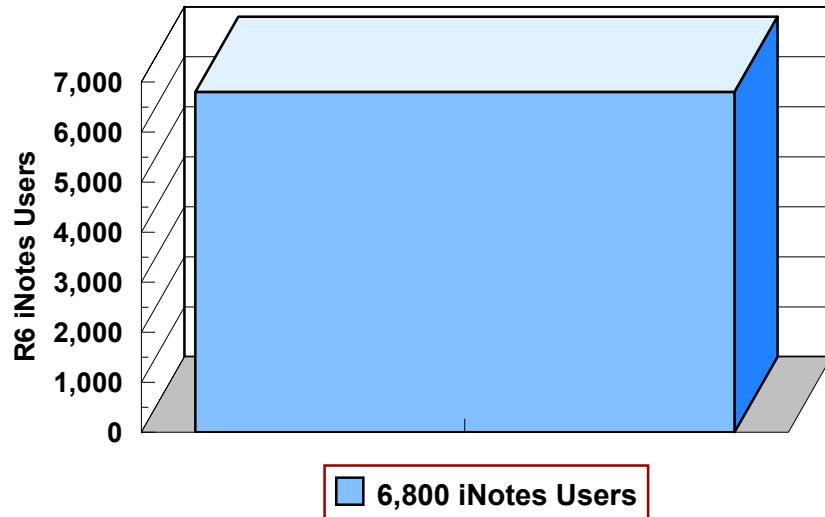
Total Test Time = 39120 sec

Test Run: Users = 6800 NotesMark = 5681 Response Time = 1890 msec (02/12/2004 06:24:00 PM to 02/13/2004 01:17:00 AM)

**R6 iNotes Workload - Average Response Time
BladeCenter HS40 / 3.0GHz Xeon Processor MP**

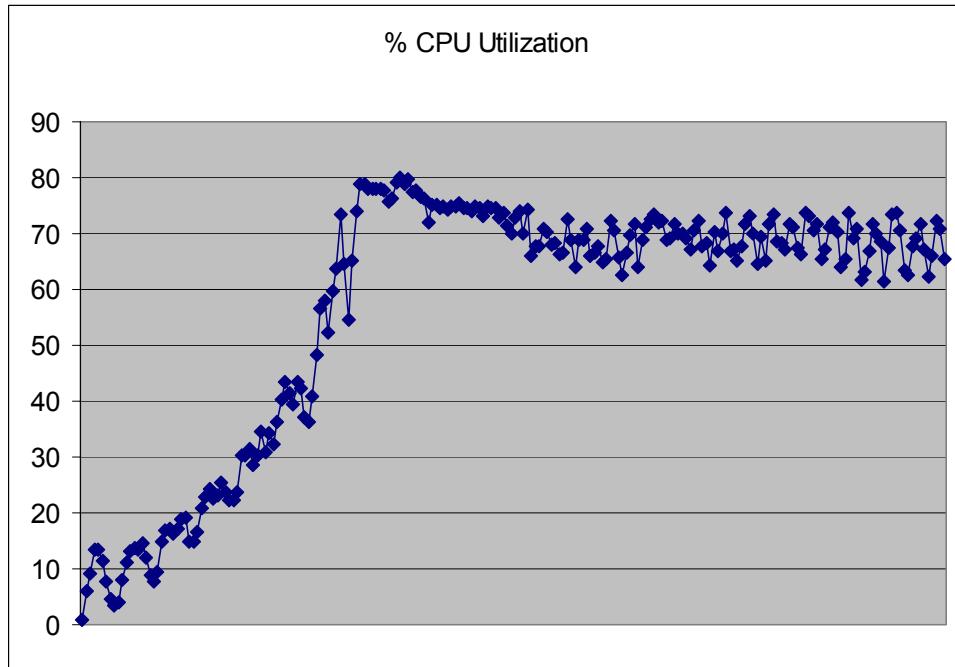


**R6 iNotes Workload - Users
BladeCenter HS40 / 3.0GHz Xeon Processor MP**



Analysis

When configured as described in this report, the BladeCenter HS40 server demonstrated that it can manage the intense resource usage during ramp-up to 6,800 concurrent R6 iNotes users with no errors at the clients. During the steady-state period on one of the successful 6,800-user runs, the average CPU utilization was 70.7 percent and the memory utilization was 99.9 percent.



The transaction logging option was not enabled for this audit run. When this option is enabled, we recommend placing the transaction logging directory on a dedicated disk that is attached to a less-busy logical drive to improve response time.

Conclusions

The test results demonstrate that the BladeCenter HS40 configured as described in this report can support up to 6,800 concurrent, active R6 iNotes users with a response time well below that permitted by the test criteria.

These results are based on running the BladeCenter HS40 as a dedicated Domino server. The addition of other application workloads will affect the number of users supported as well as the response time. Achieving optimum performance in a customer environment is highly dependent upon selecting adequate processor power, memory and disk storage as well as balancing the configuration of that hardware and appropriately tuning the operating system and Domino software.

Statement by Auditor

The original “Lotus NotesBench Test Results Report Certification Letter” was signed by Daryl K. Thompson, NotesBench Auditor for KMDS Technical Associates, Inc., and is on file at IBM.

Appendix A: Overall Test Setup and Software Versions

Number of Client Systems

For the R6 iNotes test, eleven driver systems were used. Nine systems were configured as child drivers 1 through 9; one system (parent1) was used as the parent driver to control the run and monitor the first Domino partition, and one system (parent2) was used to monitoring the second Domino partition .

The configuration used for the driver systems follows:

Child drivers 1-9:

- Pentium III 500MHz with 512MB memory
- C: Partition (2GB - NTFS) - Windows 2000/SP3
- D: Partition (6.5GB - NTFS) - Notes 6.5.1 clients

Parent drivers:

- Pentium III 500MHz with 512MB memory
- C: Partition (9GB - NTFS) - Windows 2000/SP3 and Notes 6.5.1 clients

Number of Server Platforms

One server platform, the BladeCenter HS40 with four 3.0GHz/4MB Xeon Processor MP and 8GB of memory, was benchmarked.

The disk configuration used for the system under test follows:

- / boot, / and swap: Single disk drive (40GB - EIDE) - Red Hat Linux Advanced Server 2.1 Update2 (Boot Partition and swap space)
- /opt/lotus (40GB - EIDE) - Domino executables directory
- /local/notesdata1 and /local/notesdata2: two-drive array (36.4GB - RAID-1) - Domino mail data directories
- /data1: 12-drive array (210GB, RAID-1E) - Domino mail files
- /data2: 14-drive array (245GB, RAID-1E) - Domino mail files

Network

The network consisted of one segment. All child drivers, parents and SUT were connected to one of 24 ports on the Cisco Catalyst 3500-XL switch. Two integrated gigabit Ethernet interfaces in the BladeCenter server were used.

Software Versions

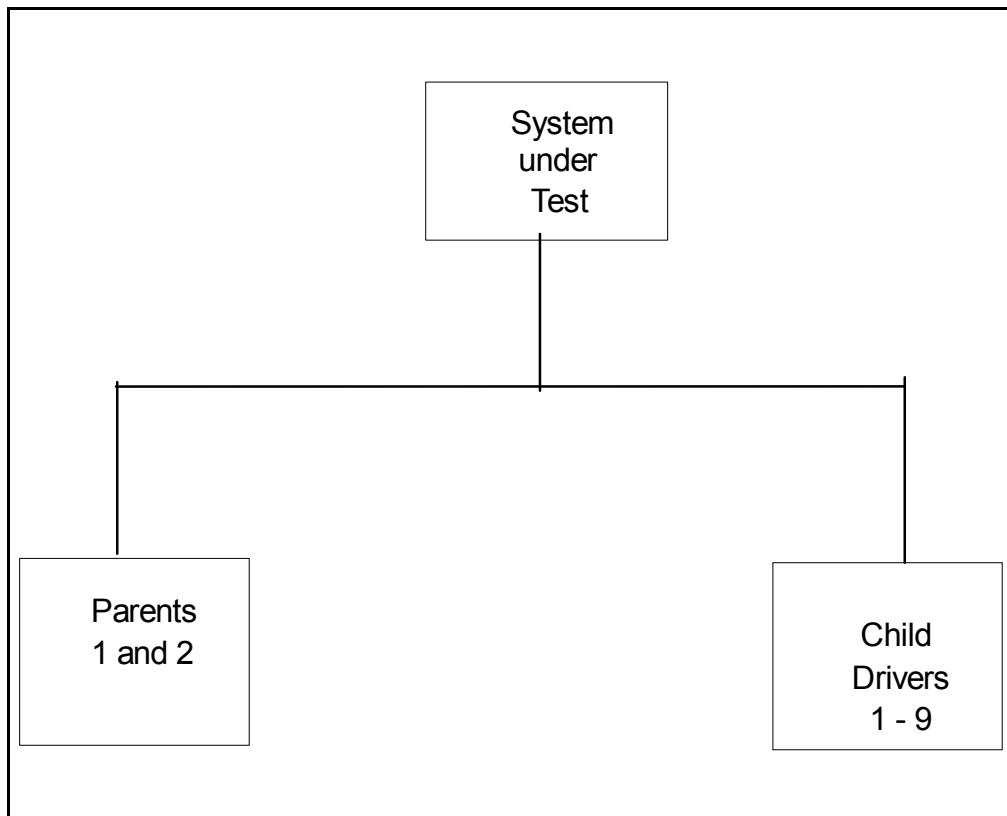
Software versions used on the system under test were as follows:

- Red Hat Linux Advanced Server 2.1 Update2 standard kernel 2.4.9-24enterprise
- Lotus Domino Server Release 6.5.1 for Linux

Software versions used on the child and parent drivers were as follows:

- Microsoft Windows 2000 Professional for child drivers and Windows 2000 Server for the parent system
- Lotus Domino Client Release 6.5.1 for Windows 2000
- NotesBench Version 6.0 - Windows/32

Test Setup Diagram



Appendix B: System Configuration

Server under Test	
System	IBM eServer BladeCenter HS40
Processor	4 x 3.0GHz Xeon Processor MP
Memory	8 x 1GB PC2100 DDR SDRAM DIMM
Cache	4MB L3 Cache
RAID Controller	1 x TotalStorage FC2-133 Host Adapter
Disk Drive	1 x 40GB EIDE (used as the boot drive) 28 x 36.4GB 15K rpm Fibre Channel (configured as one 14-drive RAID-1 arrays, one 12-drive RAID-1E array, and one 2-drive RAID-1 array)
Network Interface	Embedded dual 10/100/1000Mbps Ethernet controllers
I/O	Fibre Channel switch and Gigabit Ethernet switch
Operating System	Red Hat Linux Advanced Server 2.1 Update2
Notes	Lotus Domino Server Release 6.5.1 for Linux

Parent Source Drivers and Child Drivers 1 - 9	
System	IBM IntelliStation M Pro
Processor	1 x 500MHz Pentium III
Memory	512MB
Disk Drive	1 x 9.1GB
Network Interface	Embedded 10/100 Ethernet Controller
I/O	PCI Bus
Operating System	Microsoft Windows 2000 Professional with Service Pack 3
Notes	Lotus Domino Client Release 6.5.1 for Windows 2000
NotesBench	NotesBench Version 6.0 - Windows/32

Appendix C: Operating System Parameters Values

A standard installation of Red Hat Linux Advanced Server 2.1 with Update2 was used. All operating system updates, including Update2, for Red Hat Linux are generally available to the public.

Appendix D: Notes Parameters (Notes.INI files)

Notes.INI for Domino Partition 1

```
[Notes]
Directory=/local/notesdata1
KitType=2
UserName=
CompanyName=
NotesProgram=/opt/lotus/notes/65010/linux
ASPIinstall=0
FaultRecovery_Build=Release 6.5.1
DSTLAW=4,1,1,10,-1,1
SHARED_MAIL=0
DisableLDAPOnAdmin=1
Passthru_LogLevel=0
Console_LogLevel=2
DefaultMailTemplate=mail6.ntf
Preferences=32
ServerTasks=Router,HTTP
;ServerTasks=Update,Replica,Router,AMgr,AdminP,CalConn,Sched,
HTTP
;ServerTasksAt1=Catalog,Design
;ServerTasksAt2=UpdAll
;ServerTasksAt3=Object Info -Full
;ServerTasksAt5=Statlog
TCPIP=TCP, 0, 15, 0
Serial1=XPC,1,15,0,
Serial2=XPC,2,15,0,
Timezone=5
DST=1
MailType=0
$$HasLANPort=1
Ports=TCPIP,TCPIP
DisabledPorts=Serial2,Serial1
LOG_REPLICATION=0
LOG_SESSIONS=0
ExistingServerName=CN=nchild21/O=ibm
KeyFilename=/local/notesdata1/sut1.id
ServerKeyFileName=sut1.id
MailServer=CN=sut1/O=ibm
Domain=ibm
Admin=CN=administrator/O=ibm
NAMELOOKUP_TRUST_DIRCAT=0
TemplateSetup=600303
Setup=650003
ServerSetup=6010
=====
TCPPIP_TCPIPAddress=0,192.168.70.220:1352
Log_mailRouting=10
maillogtoeventsonly=1
DBMaxEntries=4800
Max_users=4800
NSF_DBCache_MaxEntries=4800
Server_Pool_Tasks=80
Server_max_Concurrent_Trans=100
No_Force_Activity_Logging=1
Log_Disable_Session_Info=1
NSF_Buffer_Pool_Size_MB=140
Update_No_Fulltext=1
MailCompactDisabled=1
Debug_OutFile=/home/notes/sut1_info.txt
=====
CleanSetup=1
PhoneLog=2
```

```
Log=log.nsf, 1, 0, 7, 40000
ServerName=sut1/ibm
ServerNameNative=02F402F4737574312F69626D
FormulaTimeout=120
NSF_QUOTA_METHOD=2
TRANSLOG_AutoFixup=1
TRANSLOG_UseAll=0
TRANSLOG_Style=0
TRANSLOG_Performance=2
TRANSLOG_Status=0
CRASH_REMOVE_DATA=0
CRASH_LOGFILE_KB=10240
FILE_RETENTION_DAYS=365
server_show_performance=1
mailuseprocesses=0
ServerController=0
FaultRecovery=0
MTEnabled=0
EventSetup=600
WebAdminSetup=605
DominoConfigLevel=1
CONSOLE_LOG_ENABLED=1
```

Notes.INI for Domino Partition 2

```
[Notes]
Directory=/local/notesdata2
KitType=2
UserName=
CompanyName=
NotesProgram=/opt/lotus/notes/65010/linux
ASPIinstall=0
FaultRecovery_Build=Release 6.5.1
DSTLAW=4,1,1,10,-1,1
SHARED_MAIL=0
DisableLDAPOnAdmin=1
Passthru_LogLevel=0
Console_LogLevel=2
DefaultMailTemplate=mail6.ntf
Preferences=32
ServerTasks=Router,HTTP
;ServerTasks=Update,Replica,Router,AMgr,AdminP,CalConn,Sched,
HTTP
;ServerTasksAt1=Catalog,Design
;ServerTasksAt2=UpdAll
;ServerTasksAt3=Object Info -Full
;ServerTasksAt5=Statlog
TCPIP=TCP, 0, 15, 0
Serial1=XPC,1,15,0,
Serial2=XPC,2,15,0,
Timezone=5
DST=1
MailType=0
$$HasLANPort=1
Ports=TCPIP,TCPIP
DisabledPorts=Serial2,Serial1
LOG_REPLICATION=0
LOG_SESSIONS=0
ExistingServerName=CN=nchild21/O=ibm
KeyFilename=/local/notesdata2/sut2.id
ServerKeyFileName=sut2.id
MailServer=CN=sut2/O=ibm
Domain=ibm
Admin=CN=administrator/O=ibm
NAMELOOKUP_TRUST_DIRCAT=0
TemplateSetup=600303
Setup=650003
ServerSetup=6010
```

```

=====
TCPPIP_TCPIPAddress=0,192.168.70.221:1352
Log_mailRouting=10
maillogtoeventsonly=1
DBMaxEntries=4000
Max_users=4000
NSF_DBCache_MaxEntries=4000
Server_Pool_Tasks=80
Server_max_Concurrent_Trans=100
No_Force_Activity_Logging=1
Log_Disable_Session_Info=1
NSF_Buffer_Pool_Size_MB=140
Update_No_Fulltext=1
MailCompactDisabled=1
Debug_OutFile=/home/notes/sut2_info.txt
=====
CleanSetup=1
PhoneLog=2
Log=log.nsf, 1, 0, 7, 40000
ServerName=sut2/ibm
ServerNameNative=02F502F5737574322F69626D
FormulaTimeout=120
NSF_QUOTA_METHOD=2
TRANSLOG_AutoFixup=1
TRANSLOG_UseAll=0
TRANSLOG_Style=0
TRANSLOG_Performance=2
TRANSLOG_Status=0
CRASH_REMOVE_DATA=0
CRASH_LOGFILE_KB=10240
FILE_RETENTION_DAYS=365
server_show_performance=1
mailuseprocesses=0
ServerController=0
FaultRecovery=0
MTEnabled=0
WebAdminSetup=605
DominoConfigLevel=1
EventSetup=600
CONSOLE_LOG_ENABLED=1
=====
;HTTPNABView=$People/M
WebAuthenticationOff=0
WebPreferencesOff=1
WebDebugOn=0
HTTPHost=sut1.ibm.com
RecipientDomain=ibm.com
Domail=ibm.com
=====
;USESERVERNAB=1
ResultsDirectory=\parent\c$\results
DEBUG_OUTFILE=\parent\c$\results\res1
;NumNotesLocalReplica=90
;NumSharedNotes=900
ThreadStagger=1.2
;nopause=1
=====
;=====
;=====
FaultRecovery_Build=Release 6.5.1
CONSOLE_LOG_ENABLED=1
DSTLAW=4,1,10,-1,1
UPDATE_TIMER=02/09/2004 12:26:22 PM
SUDIALOG_ON=0
Timezone=5
DST=1
MailType=0
$$HasLANPort=1
WWWDSP_SYNC_BROWSERCACHE=0
WWWDSP_PREFETCH_OBJECT=0
EnableJavaApplets=1
EnablePlugins=1
Preferences=2147480463
AltNameLanguage=en
ContentLanguage=en-US
WeekStart=1
ViewWeekStart=2
NavWeekStart=1
XLATE_CSID=52
SPELL_LANG=1033
SPELL_PREFERENCES=0
Region=en-US
DatePickerDirection=0
Passthru_LogLevel=0
Console_LogLevel=2
VIEWIMP1=Lotus
1-2-3,0,_IWKS,,123,,WK1,,WK3,,WK4,,WKS,,WR1,,WRK,,4,
VIEWIMP2=Structured Text,0,_ISTR,,CGN,,LTR,,STR,,1,
VIEWIMP3=Tabular Text,0,_ITAB,,PRN,,RPT,,TAB,,TXT,,1,
VIEWIMP4=vCard,0,_IVCRD,,VCF,,1,
VIEWEXP1=Comma Separated Value,0,_XCSV,,CSV,,1,
VIEWEXP2=Lotus
1-2-3,0,_XWKS,,123,,WK1,,WK3,,WK4,,WKS,,WR1,,WRK,,4,
VIEWEXP3=Structured Text,0,_XSTR,,CGN,,LTR,,STR,,1,
VIEWEXP4=Tabular Text,1,_XTAB,,CGN,,LTR,,RPT,,TAB,,1,
VIEWEXP5=vCard 2.1.0,_XVCRD,,VCF,,1,
VIEWEXP6=vCard 3.0.0,_XVCRD3,,VCF,,1,
EDITIMP1=ASCII Text,0,_TEXT,,C,,H,,PRN,,RIP,,TXT,,1,
EDITIMP2=Binary with Text,0,_ISTRNGS,,*,1,
EDITIMP3=BMP Image,0,_IBMP,,BMP,,18,
EDITIMP4=CGM Image,0,_IFL,,CGM,,GMF,,8,
EDITIMP5=GIF Image,0,_IGIF,,GIF,,18,
EDITIMP6=HTML File,0,_IHTML,,HTM,,HTML,,1,
EDITIMP7=JPEG Image,0,_JPEG,,JPG,,18,
EDITIMP8=Lotus
=====
1-2-3,0,_IW4W,_IWKSE,,123,,WK1,,WK3,,WK4,,WKS,,WR1,,WRK
,,4,
=====

```

Notes.INI for Child 1

[Notes]

```

Directory=D:\Notes\data
KitType=1
InstallType=2
=====
NthIteration=6
Tmp=Notestmp
;MaxSessions=100
;NumAddLocalReplica=1
;NumDeleteLocalReplica=1
;NumStampLocalReplica=1
;NumUpdateLocalReplica=1
NormalMessageSize=10000
NumMessageRecipients=3
NumMailNotesPerUser=100
;AttachmentSizeb=500000
;LargeMessageSize=32000
NodeName=nchild1
;MailTemplate=mail50.ntf
=====iNotes=====
MailTemplate=sut!!iNotes60.ntf
;NbNotes=1

```

EDITIMP9=Lotus PIC,0,_IPIC,,PIC,,8.
 EDITIMP10=Lotus Word Pro,0,_IW4W,,LWP,,2,
 EDITIMP11=Microsoft Excel,0,_IW4W,,XLS,,4,
 EDITIMP12=Microsoft RTF,0,_IW4W,_IRTF,,DOC,,RTF,,2,
 EDITIMP13=Microsoft Word,0,_IW4W,,DOC,,2,
 EDITIMP14=PCX Image,0,_IPCX,,PCX,,18,
 EDITIMP15=TIFF 5.0 Image,0,_TIFF,,TIF,,18,
 EDITIMP16=WordPerfect 5.x,0,_IW4W,,DOC,,WPD,,2,
 EDITIMP17=WordPerfect 6.0/6.1,0,_IW4W,,DOC,,WPD,,WPT,,2,
 EDITEXP1=ASCII Text,2,_XTEXT,,C,,H,,PRN,,RIP,,TXT,,1,
 EDITEXP2=CGM Image,2,_XCGM,,CGM,,GMF,,8,
 EDITEXP3=Microsoft RTF,2,_XRTF,,DOC,,RTF,,4,
 EDITEXP4=TIFF 5.0 Image,2,_XTIFF,,TIF,,18,
 EDITEXP5=vCard 2.1,0,XVCRD,,VCF,,1,
 EDITEXP6=vCard 3.0,0,XVCRD3,,VCF,,1,
 DDETimeout=10
 NAMEDSTYLE0=0300426173696300000000000000000000000000000000
 00000000000000000000000000000000000000000000000000000000000000
 0000100A0050A0000006400A0050A0000000000000000000000000000000000
 000000000000000000000000000000000000000000000000000000000000000000
 0000000009404000000000000
 NAMEDSTYLE0_FACE=Default Sans Serif
 NAMEDSTYLE1=030042756C6C657400000000000000000000000000000000000000
 000000000000000000000000000000000000000000000000000000000000000000
 0000000008070A000000640008070A000000000000000000000000000000000000
 000000000000000000000000000000000000000000000000000000000000000000
 0000000004940400000000000
 NAMEDSTYLE1_FACE=Default Sans Serif
 NAMEDSTYLE2=0300486561646C696E650000000000000000000000000000000000
 000000000000000000000000000000000000000000000000000000000000000000
 00000100A0050A0000006400A0050A000000000000000000000000000000000000
 00000000000000000000000000000000000000000000000000000000000000000000
 0000000000940400000000000
 NAMEDSTYLE2_FACE=Default Sans Serif
 DefaultMailTemplate=mail6.ntf
 TCPIP=TCP, 0, 15, 0
 LAN0=NETBIOS,0,15,0,,12288,
 SPX=NWSPX, 0, 15, 0
 COM1=XPC,1,15,0,,12288,
 COM2=XPC,2,15,0,,12288,
 COM3=XPC,3,15,0,
 COM4=XPC,4,15,0,
 COM5=XPC,5,15,0,
 Ports=TCPIP
 DisabledPorts=LAN0,COM1,COM2,SPX,COM3,COM4,COM5
 KeyFilename=admin.id
 CertificateExpChecked=admin.id 02/09/2004
 FileDlgDirectory=C:\Documents and Settings\Administrator\My Documents
 MailFile=mail\administ.nsf
 \$headlineClientId=6D4BFCEE:D126D5C5-85256E35:00670298
 PhoneLog=2
 Log=log.nsf, 1, 0, 7, 40000
 MailServer=CN=sut1/O=ibm
 RequestCertTableUpdate=admin.id 02/09/2004
 DYNINFOCR_OFB92FC04E:81CE6E11-ONB679C5D8:0DE027FC
 =OFD32AFF5E:5C97F825-ON27BDDACA:18861637
 TemplateSetup=600303
 Setup=650003
 Location=Office (Network),9D6,CN=administrator/O=ibm
 \$IEVersionMajor=5
 ECLSetup=3
 MailSetup=650003
 MailUpgradeFolder=650003
 LastHistoryPruneTime=02/09/2004 01:50:28 PM
 WindowSizeKeywords=362 153 299 268
 DESKWINDOWSIZE=36 38 984 702
 WINDOWSIZEWIN=20 15 984 715
 MAXIMIZED=0
 NAMES=names.nsf
 ReplDefFullDocs=1
 ReplDefPartDocsLimit=0
 ReplDefPartDocsLimitAmt=40
 ReplDefPartAtchLimit=0
 ReplDefPartAtchLimitAmt=40
 ReplDefFullText=0
 ReplDefEncrypt=1
 ReplDefEncryptType=2
 ReplDefRepImmed=1
 \$headlineDisableHeadlines=0
 PromptForLocation=0
 EmptyTrash=0
 UNICODE_Display=1
 AltCalendar=0
 MIMEPromptMultilingual=1
 MIMEMultilingualMode=1
 QuotePrefix=>
 QuoteLineLength=70
 EnableActiveXInBrowser=1
 EnableJavaScript=1
 EnableJavaScriptErrorDialogs=1
 EnableLiveConnect=1
 BackgroundPrinting=1
 ShowAccelerators=1

Notes.INI for Parent Source Driver 1

[Notes]

```

Directory=C:\notes\data
KitType=1
InstallType=2
=====
;
; Begin Notesbench variables for parent 1
;
; ****
;
NodeName=parent1

Runtime=660
;ChildStagger=1,1-4
ChildStagger=1,1;2,2-6;31,7-9
NumClients1=800
NumClients2=800
NumClients3=800
NumClients4=800
NumClients5=800
NumClients6=800
NumClients7=800
NumClients8=800
NumClients9=400
NumClients10=800
NumClients11=800
NumClients12=500
NumClients13=500
NumClients14=500
NumClients15=500
NumClients16=500
NumClients17=500
NumClients18=500
NumClients19=500
NumClients20=500
ResultsDirectory=c:\results
DEBUG_OUTFILE=c:\results\Notes_parent1.txt
  
```

```
;-----End
*****Multirun Variables*****
*****ProbeIntervalDelay=wait after end of one run before starting next
; ProbeWaitTime=wait to start Probe (default=15mins)
; ProbeRunTime=#minutes probe will collect stats
;Probe_Interval=2800,2900,3000
;ProbeIntervalDelay=30
;ProbeWaitTime=30
;ProbeRunTime=180
; ProbeRunTime=2 because we want 240 minutes of runtime after
ramp-up
; without overhead of PROBE
; Next line cause command 'show stat' to execute on SUT console
; before start of each multi-run and when ramped up for that run
; Mail statistics required for audit at ramp-up and before ramp-down
;ProbeTestIncrementCMD=show stat mail
;ProbeTestIncrementCMD=show stat database
;NBTestReset=1
*****Server.Planner Variables*****
*****FaultRecovery_Build=Release 6.5.1
CONSOLE_LOG_ENABLED=1
DSTLAW=4,1,1,10,-1,1
UPDATE_TIMER=02/09/2004 12:19:53 PM
SUDIALOG_ON=0
Timezone=5
DST=1
MailType=0
$$HasLANPort=1
WWWDSP_SYNC_BROWSERCACHE=0
WWWDSP_PREFETCH_OBJECT=0
EnableJavaApplets=1
EnablePlugins=1
Preferences=-2147480463
AltNameLanguage=en
ContentLanguage=en-US
WeekStart=1
ViewWeekStart=2
NavWeekStart=1
XLATE_CSID=52
SPELL_LANG=1033
SPELL_PREFERENCES=0
Region=en-US
DatePickerDirection=0
PassthruLogLevel=0
ConsoleLogLevel=2
VIEWIMP1=Lotus
1-2-3,0,_IWKSV,,123,WK1,,WK3,,WK4,,WKS,,WR1,,WRK,,4,
VIEWIMP2=Structured Text,0,_ISTR,,CGN,,LTR,,STR,,1,
VIEWIMP3=Tabular Text,0,_ITAB,,PRN,,RPT,,TAB,,TXT,,1,
VIEWIMP4=vCard,0,_IVCRD,,VCF,,1,
VIEWEXP1=Comma Separated Value,0,_XCSV,,CSV,,1,
VIEWEXP2=Lotus
1-2-3,0,_XWKS,,123,WK1,,WK3,,WK4,,WKS,,WR1,,WRK,,4,
VIEWEXP3=Structured Text,0,_XSTR,,CGN,,LTR,,STR,,1,
VIEWEXP4=Tabular Text,1,_XTAB,,CGN,,LTR,,RPT,,TAB,,1,
VIEWEXP5=vCard 2.1,0,_XVCRD,,VCF,,1,
VIEWEXP6=vCard 3.0,0,_XVCRD3,,VCF,,1,
EDITIMP1=ASCII Text,0,_ITEXT,,C,,H,,PRN,,RIP,,TXT,,1,
EDITIMP2=Binary with Text,0,_ISTRNGS,,*,1,
EDITIMP3=BMP Image,0,_IBMP,,BMP,,18,
EDITIMP4=CGM Image,0,_IFL,,CGM,,GMF,,8,
EDITIMP5=GIF Image,0,_IGIF,,GIF,,18,
EDITIMP6=HTML File,0,_IHTML,,HTM,,HTML,,1,
EDITIMP7=JPEG Image,0,_IJPEG,,JPG,,18,
```

```

WindowSizeKeywords=362 153 299 268
LastHistoryPruneTime=02/09/2004 01:23:37 PM
NAMES=names.nsf
ReplDefFullDocs=1
ReplDefPartDocsLimit=0
ReplDefPartDocsLimitAmt=40
ReplDefPartAtchLimit=0
ReplDefPartAtchLimitAmt=40
ReplDefFullText=0
ReplDefEncrypt=1
ReplDefEncryptType=2
ReplDefReplImmed=1
$headlineDisableHeadlines=0
PromptForLocation=0
EmptyTrash=0
UNICODE_Display=1
AltCalendar=0
MIMEPromptMultilingual=1
MIMEMultilingualMode=1
QuotePrefix=>
QuoteLineLength=70
EnableActiveXInBrowser=1
EnableJavaScript=1
EnableJavaScriptErrorDialogs=1
EnableLiveConnect=1
BackgroundPrinting=1
ShowAccelerators=1
DontShowAdminHelp=1
AdminLastDomain=IBM
SERVERS_FRAME_PERCENT=21
MONITOR_DATA_STORAGE_HOURS=168
MONITOR_SCALE=1
ADMINWINDOWSIZEWIN=20 15 984 715
ADMINMAXIMIZED=0
MailSetup=650003
MailUpgradeFolder=650003
DESKWINDOWSIZE=36 38 984 702
WINDOWSIZEWIN=20 15 984 715
MAXIMIZED=0
AdminLastServer=sut1/ibm

```

Notes.INI for Parent Source Driver 2

[Notes]

```

Directory=C:\Notes\data
KitType=1
InstallType=2
=====
=====
;
; Begin Notesbench variables for parent 2
;
; ****
;
NodeName=parent2

Runtime=660
;ChildStagger=1,1;30,2;38,3;48,4;58,5
ChildStagger=1,1;15,2-19
NumClients1=750
NumClients2=750
NumClients3=750
NumClients4=750
NumClients5=2000
NumClients6=2000
NumClients7=50
NumClients8=2000
NumClients9=2000

```

```

NumClients10=2000
NumClients11=1000
NumClients12=1000
NumClients13=1000
NumClients14=1000
NumClients15=1000
NumClients16=1000
NumClients17=1000
NumClients18=1000
NumClients19=1000
NumClients20=1000
ResultsDirectory=c:\results
DEBUG_OUTFILE=\parent1\results\parent2_info.txt
;-----End
*****
:
        Multirun Variables
*****
; ProbeIntervalDelay=wait after end of one run before starting next
; ProbeWaitTime=wait to start Probe (default=15mins)
; ProbeRunTime=#minutes probe will collect stats
;;Probe_Interval=2800,2900,3000
;;ProbeIntervalDelay=30
;;ProbeWaitTime=30
;;ProbeRunTime=180
; ProbeRunTime=2 because we want 240 minutes of runtime after
ramp-up
; without overhead of PROBE
; Next line cause command 'show stat' to execute on SUT console
; before start of each multi-run and when ramped up for that run
; Mail statistics required for audit at ramp-up and before ramp-down
;;ProbeTestIncrementCMD=show stat mail
;;ProbeTestIncrementCMD=show stat database
;;NBTestReset=1
*****
;
        Server.Planner Variables
*****
;;CPDatabase=c:\notesb3\data\Server.Planner.nsf
;;SUTMachineID=Teton600
;-----End
;-----End
FaultRecovery_Build=Release 6.5.1
CONSOLE_LOG_ENABLED=1
DSTLAW=4,1,1,10,-1,1
UPDATE_TIMER=02/09/2004 12:14:08 PM
SUDIALOG_ON=0
Timezone=5
DST=1
MailType=0
$$HasLANPort=1
WWWDSP_SYNC_BROWSERCACHE=0
WWWDSP_PREFETCH_OBJECT=0
EnableJavaApplets=1
EnablePlugins=1
Preferences=-2147480463
StackedIcons=1
AltNameLanguage=en
ContentLanguage=en-US
WeekStart=1
ViewWeekStart=2
NavWeekStart=1
XLATE_CSID=52
SPELL_LANG=1033
SPELL_PREFERENCES=0
Region=en-US
DatePickerDirection=0
Passthru_LogLevel=0
Console_LogLevel=2

```

VIEWIMP1=Lotus
 1-2-3,0,_IWKSV,,123,.WK1,.WK3,.WK4,.WKS,.WR1,.WRK,,4,
 VIEWIMP2=Structured Text,0,_ISTR,,CGN,LTR,STR,,1,
 VIEWIMP3=Tabular Text,0,_ITAB,,PRN,RPT,TAB,TXT,,1,
 VIEWIMP4=vCard,0,_IVCRD,,VCF,,1,
 VIEWEXP1=Comma Separated Value,0,_XCSV,,CSV,,1,
 VIEWEXP2=Lotus
 1-2-3,0,_XWKS,,123,.WK1,.WK3,.WK4,.WKS,.WR1,.WRK,,4,
 VIEWEXP3=Structured Text,0,_XSTR,,CGN,LTR,STR,,1,
 VIEWEXP4=Tabular Text,1,_XTAB,,CGN,LTR,RPT,TAB,,1,
 VIEWEXP5=vCard 2.1.0,_XVCRD,,VCF,,1,
 VIEWEXP6=vCard 3.0.0,_XVCRD3,,VCF,,1,
 EDITIMP1=ASCII Text,0,_ITEXT,,C,H,PRN,RIP,TXT,,1,
 EDITIMP2=Binary with Text,0,_ISTRNGS,,*,1,
 EDITIMP3=BMP Image,0,_IBMP,,BMP,,18,
 EDITIMP4=CGM Image,0,_IFL,,CGM,GMF,,8,
 EDITIMP5=GIF Image,0,_IGIF,,GIF,,18,
 EDITIMP6=HTML File,0,_IHTML,,HTM,HTML,,1,
 EDITIMP7=JPEG Image,0,_JPEG,,JPG,,18,
 EDITIMP8=Lotus
 1-2-3,0,_IW4W,_IWKSE,,123,.WK1,.WK3,.WK4,.WKS,.WR1,.WRK,,4,
 EDITIMP9=Lotus PIC,0,_IPIC,,PIC,,8,
 EDITIMP10=Lotus Word Pro,0,_IW4W,,LWP,,2,
 EDITIMP11=Microsoft Excel,0,_IW4W,,XLS,,4,
 EDITIMP12=Microsoft RTF,0,_IW4W,_IRTF,,DOC,,RTF,,2,
 EDITIMP13=Microsoft Word,0,_IW4W,,DOC,,2,
 EDITIMP14=PCX Image,0,_IPCX,,PCX,,18,
 EDITIMP15=TIFF 5.0 Image,0,_TIFF,,TIF,,18,
 EDITIMP16=WordPerfect 5.x,0,_IW4W,,DOC,,WPD,,2,
 EDITIMP17=WordPerfect 6.0/6.1,0,_IW4W,,DOC,,WPD,,WPT,,2,
 EDITEXP1=ASCII Text,2,_XTEXT,,C,H,PRN,RIP,TXT,,1,
 EDITEXP2=CGM Image,2,_XCGM,,CGM,GMF,,8,
 EDITEXP3=Microsoft RTF,2,_XRTF,,DOC,,RTF,,4,
 EDITEXP4=TIFF 5.0 Image,2,_TIFF,,TIF,,18,
 EDITEXP5=vCard 2.1.0,XVCRD,,VCF,,1,
 EDITEXP6=vCard 3.0.0,XVCRD3,,VCF,,1,
 DDETimeout=10
 NAMEDSTYLE0=03004261736963000000000000000000000000000000000000
 000000000000000000000000000000000000000000000000000000000000000000
 0000100A0050A0000006400A0050A000000000000000000000000000000000000000
 0000000000000000000000000000000000000000000000000000000000000000000000
 00000000094040000000000000
 NAMEDSTYLE0_FACE=Default Sans Serif
 NAMEDSTYLE1=030042756C6C657400000000000000000000000000000000000000000000
 000000000000000000000000000000000000000000000000000000000000000000000000
 0000000008070A000000640008070A00000000000000000000000000000000000000000000
 0000000000000000000000000000000000000000000000000000000000000000000000000000
 00000000049404000000000000
 NAMEDSTYLE1_FACE=Default Sans Serif
 NAMEDSTYLE2=0300486561646C696E6500000000000000000000000000000000000000000000
 0000000000000000000000000000000000000000000000000000000000000000000000000000
 00000100A0050A0000006400A0050A000000000000000000000000000000000000000000000000
 000000000000000000000000000000000000000000000000000000000000000000000000000000
 00000000094040000000000000
 NAMEDSTYLE2_FACE=Default Sans Serif
 DefaultMailTemplate=mail6.ntf
 TCPIP=TCP, 0, 15, 0
 LAN0=NETBIOS,0,15,0,,12288,
 SPX=NWSPX, 0, 15, 0
 COM1=XPC,1,15,0,,12288,
 COM2=XPC,2,15,0,,12288,
 COM3=XPC,3,15,0,
 COM4=XPC,4,15,0,
 COM5=XPC,5,15,0,
 Ports=TCPIP
 DisabledPorts=LAN0,COM1,COM2,SPX,COM3,COM4,COM5

KeyFilename=admin.id
 CertificateExpChecked=admin.id 02/09/2004
 FileDlgDirectory=C:\Documents and Settings\Administrator\My Documents
 MailFile=mail\administ.nsf
 \$headlineClientId=ED6AC499:C6CD416D-85256E35:00643859
 PhoneLog=2
 Log=log.nsf, 1, 0, 7, 40000
 MailServer=CN=sut2/O=ibm
 RequestCertTableUpdate=admin.id 02/09/2004
 DYNINFOCR_OFB92FC04E:81CE6E11-ONB679C5D8:0DE027FC =OFE85DC8BB:BE05A765-ON59159F05:C8270319
 TemplateSetup=600303
 Setup=650003
 Location=Office (Network),9D6,CN=administrator/O=ibm
 \$IEVersionMajor=5
 ECLSetup=3
 BookmarkDesignReplaced=0
 AdminSetup=6100
 EventSetup=600
 LastHistoryPruneTime=02/09/2004 01:18:42 PM
 WindowSizeKeywords=362 153 299 268
 AdminLastDomain=IBM
 SERVERS_FRAME_PERCENT=21
 MONITOR_DATA_STORAGE_HOURS=168
 MONITOR_SCALE=1
 ADMINWINDOWSIZEWIN=20 15 984 715
 ADMINMAXIMIZED=0
 AdminLastServer=sut2/ibm
 NAMES=names.nsf
 ReplDefFullDocs=1
 ReplDefPartDocsLimit=0
 ReplDefPartDocsLimitAmt=40
 ReplDefPartAtchLimit=0
 ReplDefPartAtchLimitAmt=40
 ReplDefFullText=0
 ReplDefEncrypt=1
 ReplDefEncryptType=2
 ReplDefRepImmed=1
 \$headlineDisableHeadlines=0
 PromptForLocation=0
 EmptyTrash=0
 UNICODE_Display=1
 AltCalendar=0
 MIMEPromptMultilingual=1
 MIMEMultilingualMode=1
 QuotePrefix=>
 QuoteLineLength=70
 EnableActiveXInBrowser=1
 EnableJavaScript=1
 EnableJavaScriptErrorDialogs=1
 EnableLiveConnect=1
 BackgroundPrinting=1
 ShowAccelerators=1

Appendix E: Network Configuration

The standard TCP/IP stack provided by Red Hat Linux Advanced Server 2.1 Update2 was used.

The default settings of the embedded Full Duplex 10/100/1000 Mbps Ethernet controller in the system under test were used.

Appendix F: Guidelines for Information Usage

This report is intended for IBM Business Partners, customers, and IBM marketing and technical support personnel. The report may be distributed in accordance with the requirements stated in the Edition notice.

Appendix G: Pricing

The table provides the IBM List Price for the U.S. only. Actual prices may vary, and prices may also vary by country. Prices are subject to change without notice. For additional information and current prices, contact your local IBM representative.

Item Description	Order Number	Qty	IBM List Price	Extended Price
IBM eServer BladeCenter Chassis With one management module, two 1800W Power Supply Modules	8677-2XX	1	\$2,789	\$2,789
4-port Gb Ethernet Switch Module	48P7054	1	2,199	2,199
2-Port Fibre Channel Switch Module	48P7062	1	19,999	19,999
IBM eServer BladeCenter Server HS40 With one 3.0GHz/4MB Xeon Processor MP	8839-71X	1	12,359	12,359
3.0GHz Xeon Processor MP Upgrade	13N0654	3	5,749	17,247
IBM TotalStorage FC2-133 Host Adapter	24P0960	1	1,485	1,485
1GB PC2100 DDR SDRAM RDIMM Memory	33L5039	8	619	4,952
36.4GB 15K Fibre Channel Hard Disk Drives	06P5772	28	1,115	31,220
40GB 7200rpm EIDE Drive	22P7157	1	129	129
IBM TotalStorage FAStT700 Fibre Channel Storage Server	1742-1RU	1	46,499	46,499
IBM TotalStorage FAStT EXP700 Storage Expansion Enclosure	1740-1RU	2	6,000	12,000
E54 15" (13.8" Viewable) Color Monitor	633147N	1	119	119
Software				
Red Hat Linux Advanced Server 2.1		1	999	999
Lotus Domino D6 Enterprise Server for Linux (List Price)		4	2,964	11,856
Total System Price				\$161,037

Appendix H: Vendor-Defined Information

None.

Appendix I: Domino “Show Statistics” Output

Domino Partition 1

```
> sh stat
Database.DAFailoverCount = 0
Database.DARefreshServerInfoCount = 0
Database.DAReloadCount = 0
Database.Database.BufferPool.Maximum.Megabytes = 140
Database.Database.BufferPool.MM.Reads = 54
Database.Database.BufferPool.MM.Writes = 2
Database.Database.BufferPool.Peak.Megabytes = 138
Database.Database.BufferPool.PerCentReadsInBuffer = 98.93
Database.DbCache.CurrentEntries = 4
Database.DbCache.HighWaterMark = 6800
Database.DbCache.Hits = 849515
Database.DbCache.InitialDbOpens = 859416
Database.DbCache.Lookups = 13982013
Database.DbCache.MaxEntries = 4800
Database.DbCache.OvercrowdingRejections = 0
Database.ExtMgrPool.Peak = 65,406
Database.ExtMgrPool.Used = 148
Database.FreeHandleStack.FreeHandleStackHits = 17104383
Database.FreeHandleStack.HandleAllocations = 17153377
Database.FreeHandleStack.MissRate = 0
Database.LDAP.NAMELookupBindFailures = 0
Database.LDAP.NAMELookupBinds = 0
Database.LDAP.NAMELookupBytesReceived = 0
Database.LDAP.NAMELookupEntries = 0
Database.LDAP.NAMELookupFailures = 0
Database.LDAP.NAMELookupTotal = 0
Database.LDAP.NAMELookupTotalLookupTime = 0
Database.NAMELookupCacheCacheSize = 14,671,108
Database.NAMELookupCacheHashSize = 1,236,854
Database.NAMELookupCacheHits = 173,930
Database.NAMELookupCacheLookups = 1,922,667
Database.NAMELookupCacheMaxSize = 16,777,216
Database.NAMELookupCacheMisses = 1,735,121
Database.NAMELookupCacheNoHitHits = 13,616
Database.NAMELookupCachePool.Peak = 16,777,216
Database.NAMELookupCachePool.Used = 16,770,720
Database.NAMELookupCacheResets = 0
Database.NAMELookupMisses = 20,452
Database.NAMELookupTotal = 1922679
Database.NAMELookupTotalLookupTime = 10,321.979
Database.NIFPool.Peak = 2,097,152
Database.NIFPool.Used = 918,432
Database.NSPool.Peak = 164,626,432
Database.NSPool.Used = 462,848
Database.NSF.ClusterHashTable.EntriesWithSameIndex = 0
Database.NSF.ClusterHashTable.FreedEntriesOnCleanup = 0
Database.NSF.ClusterHashTable.HashEntries = 0
Database.NSF.ClusterHashTable.HashIsFull = 0
Database.NSF.ClusterHashTable.MissedHashHits = 0
Database.NSF.ClusterHashTable.SuccessfullHashHits = 0
Database.NSF.Replicate.NotesMergedBack = 0
Database.NSF.Replicate.NotesReceived = 0
Database.NSF.Replicate.NotesReopened = 0
Database.NSF.Replicate.NotesSent = 0
Database.NSF.Replicate.UnreadMarks.ChunkLookups = 0
Database.NSF.Replicate.UnreadMarks.ChunksScanned = 0
Database.NSF.Replicate.UnreadMarks.ChunksSkimmed = 0
Database.NSF.Replicate.UnreadMarks.FullReplications = 0
Database.NSF.Replicate.UnreadMarks.LocalMaxChunks = 0
Database.NSF.Replicate.UnreadMarks.LocalUnreadOperations = 0
Database.NSF.Replicate.UnreadMarks.MessagesReceived = 0
Database.NSF.Replicate.UnreadMarks.MessagesSent = 0
Database.NSF.Replicate.UnreadMarks.OperationsReceived = 0
Database.NSF.Replicate.UnreadMarks.OperationsSent = 0
Database.NSF.Replicate.UnreadMarks.UsersActive = 0
Database.NSF.Replicate.UnreadMarks.UsersActiveMax = 0
Database.NSF.SignatureCache.Hits = 1
Database.NSF.SignatureCache.Tries = 2
Database.RM.Sys.Logged = Disabled
Disk.Fixed = 1
Disk.Remote = 0
Disk./local.Free = 21,097,639,936
Disk./local.Size = 35,784,957,952
Disk./local.Type = ext2
Domino.Cache.Command.Count = 0
Domino.Cache.Command.DisplaceRate = 0
Domino.Cache.Command.HitRate = 0
Domino.Cache.Command.MaxValue = 128
Domino.Cache.Database.HitRate = 31.9160822880873
Domino.Cache.Design.Count = 128
Domino.Cache.Design.DisplaceRate = 15.1487259073177
Domino.Cache.Design.HitRate = 84.8503542808553
Domino.Cache.Design.MaxValue = 128
Domino.Cache.Forms View Summary.Count = 1
Domino.Cache.Forms View Summary.DisplaceRate = 0
Domino.Cache.Forms View Summary.HitRate = 99.9999898423998
Domino.Cache.FormsCache.Count = 0
Domino.Cache.FormsCache.MaxValue = 256
Domino.Cache.iNote WA Forms file.Count = 1
Domino.Cache.NNotesID.Count = 0
Domino.Cache.NNotesID.MaxValue = 4,800
Domino.Cache.Note Cache.HitRate = 0
Domino.Cache.Session.Count = 0
Domino.Cache.Session.MaxValue = 1,000
Domino.Cache.SkinGroupsCache.Count = 0
Domino.Cache.SkinGroupsCache.MaxValue = 256
Domino.Cache.User.Count = 4,800
Domino.Cache.User.DisplaceRate = 3.38596756101851
Domino.Cache.User.HitRate = 89.64918835564
Domino.Cache.User.MaxValue = 4,800
Domino.Command.CopyToFolder = 0
Domino.Command.CreateDocument = 0
Domino.Command.DeleteDocument = 0
Domino.Command.DeleteDocuments = 0
Domino.Command.EditDocument = 1331978
Domino.Command.GetOrbCookie = 0
Domino.Command.MoveToFolder = 0
Domino.Command.Navigate = 0
Domino.Command.OpenAbout = 0
Domino.Command.OpenAgent = 0
Domino.Command.OpenCssResource = 0
Domino.Command.OpenDatabase = 0
Domino.Command.OpenDocument = 1876170
Domino.Command.OpenElement = 6
Domino.Command.OpenFileResource = 0
Domino.Command.OpenForm = 0
Domino.Command.OpenHelp = 0
Domino.Command.OpenIcon = 0
Domino.Command.OpenImageResource = 0
Domino.Command.OpenJavascriptLib = 0
Domino.Command.OpenNavigator = 0
Domino.Command.OpenPreferences = 0
Domino.Command.OpenServer = 0
Domino.Command.OpenView = 0
Domino.Command.ReadForm = 0
Domino.Command.Redirect = 0
Domino.Command.RemoveFromFolder = 0
Domino.Command.RequestCert = 0
```

Domino.Command.SaveDocument = 0
Domino.Command.SearchDomain = 0
Domino.Command.SearchSite = 0
Domino.Command.SearchView = 0
Domino.Command.Total = 3458868
Domino.Command.Unknown = 0
Domino.Config.ActiveThreads.Max = 80
Domino.Config.ActiveThreads.Min = 20
Domino.Config.AllowDirectoryLinks = 1
Domino.Config.Directory.CGI = /local/notesdata1/domino/cgi-bin
Domino.Config.Directory.HTML = /local/notesdata1/domino/html
Domino.Config.Directory.Icons = /local/notesdata1/domino/icons
Domino.Config.Directory.JavaRoot = /local/notesdata1/domino/java
Domino.Config.DNSLookup = 0
Domino.Config.EnforceAccess = 0
Domino.Config.HomeURL = /homepage.nsf?Open
Domino.Config.HostName = sut1.ibm.com
Domino.Config.Image.Format = GIF
Domino.Config.Image.Interlaced = 1
Domino.Config.Log.Access = access
Domino.Config.Log.Error = error
Domino.Config.Log.Filter =
Domino.Config.Log.TimeStamp = 0
Domino.Config.PortNumber = 80
Domino.Config.PortStatus = 1
Domino.Config.SSL.KeyFile = /local/notesdata1/keyfile.kyr
Domino.Config.SSL.PortNumber = 443
Domino.Config.SSL.Status = 0
Domino.Config.Timeout.CGI = 5
Domino.Config.Timeout.IdleThread = 0
Domino.Config.Timeout.Input = 2
Domino.Config.Timeout.Output = 20
Domino.Config.URLpath.CGI = /cgi-bin
Domino.Config.URLpath.Icons = /icons
Domino.Config.URLpath.JavaRoot = /domjava
Domino.Config.URLpath.Servlet = /servlet
Domino.Config.View.Lines = 30
Domino.Config.WelcomePage = default.htm
Domino.Requests.Per1Day.Peak = 3,456,303
Domino.Requests.Per1Day.PeakTime = 02/13/2004 01:34:44 EST
Domino.Requests.Per1Day.Total = 3,456,303
Domino.Requests.Per1Hour.Peak = 458,470
Domino.Requests.Per1Hour.PeakTime = 02/12/2004 23:50:27 EST
Domino.Requests.Per1Hour.Total = 0
Domino.Requests.Per1Minute.Peak = 8,692
Domino.Requests.Per1Minute.PeakTime = 02/12/2004 23:13:30 EST
Domino.Requests.Per1Minute.Total = 0
Domino.Requests.Per5Minute.Peak = 41,075
Domino.Requests.Per5Minute.PeakTime = 02/12/2004 23:31:47 EST
Domino.Requests.Per5Minute.Total = 0
Domino.Requests.Total = 3,456,325
Domino.ThreadPool.average = 65536
Domino.ThreadPool.max = 458752
Domino.Threads.Active.Peak = 80
FT.Index.Bytes.PerHour = 0
FT.Index.Count = 1
FT.Index.Documents.Added = 0
FT.Index.Documents.Deleted = 0
FT.Index.Documents.Updated = 0
FT.Index.Total.Bytes = 0
FT.Index.Total.TimeMS = 6
Http.Accept.ConnectionsAccepted = 3603555
Http.Accept.ConnectionsDenied = 0
Http.Accept.ConnectionsRefused = 0
Http.Accept.Errors = 0
Http.Accept.Polls = 3708483
Http.Accept.PollTimeouts = 104927
Http.Accept.ServerBusy = 0

Http.CurrentConnections = 0
Http.MaxConnections = 2000
Http.Workers = 80
Http.Worker.Total.BytesRead = 1,868,545,603
Http.Worker.Total.BytesWritten = 67,019,261,287
Http.Worker.Total.Cgi.Requests = 0
Http.Worker.Total.Cgi.RequestTime = 0
Http.Worker.Total.DomWS.Requests = 0
Http.Worker.Total.DomWS.RequestTime = 0
Http.Worker.Total.Dsapi.Requests = 0
Http.Worker.Total.Dsapi.RequestTime = 0
Http.Worker.Total.File.Requests = 0
Http.Worker.Total.File.RequestTime = 0
Http.Worker.Total.Http.Requests = 0
Http.Worker.Total.Http.RequestTime = 0
Http.Worker.Total.IdleSessionTimeouts = 357
Http.Worker.Total.InputTimeouts = 0
Http.Worker.Total.Notes.Requests = 3603555
Http.Worker.Total.Notes.RequestTime = 1,920,538,571
Http.Worker.Total.OutputTimeouts = 0
Http.Worker.Total.QuickPlace.Requests = 0
Http.Worker.Total.QuickPlace.RequestTime = 0
Http.Worker.Total.RequestsProcessed = 3603555
Http.Worker.Total.TotalRequestTime = 1,920,538,571
Mail.AverageDeliverTime = 1
Mail.AverageServerHops = 0
Mail.AverageSizeDelivered = 49
Mail.CurrentByteDeliveryRate = 0
Mail.CurrentByteTransferRate = 0
Mail.CurrentMessageDeliveryRate = 0
Mail.CurrentMessageTransferRate = 0
Mail.DBCacheEntries = 0
Mail.DBCacheHits = 48012
Mail.DBCacheReads = 200390
MAIL.Dead = 0
Mail.Delivered = 194696
Mail.DeliveredSize.100KB_to_1MB = 8037
Mail.DeliveredSize.10KB_to_100KB = 66960
Mail.DeliveredSize.1KB_to_10KB = 91275
Mail.DeliveredSize.1MB_to_10MB = 506
Mail.DeliveredSize.Under_1KB = 27918
Mail.Deliveries = 200337
Mail.DeliveryThreads.Active = 0
Mail.DeliveryThreads.Max = 7
Mail.DeliveryThreads.Total = 7
Mail.Domain = IBM
MAIL.Hold = 0
Mail.Mailbox.AccessConflicts = 4
Mail.Mailbox.Accesses = 111297
Mail.Mailbox.AccessWarnings = 812
Mail.Mailbox.CurrentAccesses = 0
Mail.Mailbox.MaxConcurrentAccesses = 7
Mail.MailboxOpens = 0
Mail.MaximumDeliverTime = 63
Mail.MaximumServerHops = 1
Mail.MaximumSizeDelivered = 9768
Mail.MinimumDeliverTime = 1
Mail.MinimumServerHops = 1
Mail.MinimumSizeDelivered = 1
Mail.PeakByteDeliveryRate = 668986
Mail.PeakByteTransferRate = 45962
Mail.PeakMessageDeliveryRate = 8
Mail.PeakMessageDeliveryTime = 02/12/2004 18:39:20 EST
Mail.PeakMessagesDelivered = 483
Mail.PeakMessagesTransferred = 123
Mail.PeakMessageTransferRate = 2
Mail.PeakMessageTransferTime = 02/12/2004 18:15:05 EST
Mail.PeakTotalBytesDelivered = 40139163

Mail.PeakTotalBytesTransferred = 2757759
Mail.TotalKBDelivered = 9,073,541
Mail.TotalKBTransferred = 2,994,069
Mail.TotalKBTransferred.NRPC = 2,994,069
Mail.TotalPending = 0
Mail.TotalRouted = 277880
Mail.TotalRouted.NRPC = 277880
Mail.Transferred = 58618
Mail.TransferredSize.100KB_to_1MB = 2873
Mail.TransferredSize.10KB_to_100KB = 23579
Mail.TransferredSize.1KB_to_10KB = 32008
Mail.TransferredSize.1MB_to_10MB = 158
Mail.Transferred.NRPC = 58618
Mail.TransferThreads.Active = 0
Mail.TransferThreads.Concurrent.Highest = 3
Mail.TransferThreads.Concurrent.Max = 3
Mail.TransferThreads.Max = 7
Mail.TransferThreads.Total = 3
MAIL.Waiting = 0
MAIL.WaitingForDIR = 0
MAIL.WaitingForDNS = 0
MAIL.WaitingRecipients = 0
Mem.Allocated = 1268115486
Mem.Allocated.Process = 901766318
Mem.Allocated.Shared = 366349168
Mem.Availability = Plentiful
Mem.PhysicalRAM = 2147483647
NET.GroupCache.Hits = 48
NET.GroupCache.Misses = 4
NET.GroupCache.NumEntries = 6,802
NET.GroupCache.Size = 457,842
NET.GroupCache.Used = 392,386
NET.Log.sut1/ibm.PeakUnwrittenEntries = 5
NET.Log.sut1/ibm.UnwrittenEntries = 2
NET.TCPIP.BytesReceived = 47,909,640
NET.TCPIP.BytesSent = 2,420,253,062
NET.TCPIP.Sessions.Established.Incoming = 7
NET.TCPIP.Sessions.Established.Outgoing = 58146
NET.TCPIP.Sessions.Limit = 65535
NET.TCPIP.Sessions.LimitMax = 65535
NET.TCPIP.Sessions.LimitMin = 10
NET.TCPIP.Sessions.Peak = 5
NET.TCPIP.Sessions.Recycled = 0
NET.TCPIP.Sessions.Recycling = 0
Platform.LogicalDisk.10.AssignedName = sdc
Platform.LogicalDisk.10.AvgQueueLen = 0
Platform.LogicalDisk.10.AvgQueueLen.Avg = 0
Platform.LogicalDisk.10.AvgQueueLen.Peak = 0
Platform.LogicalDisk.10.PctUtil = 0
Platform.LogicalDisk.10.PctUtil.Avg = 0
Platform.LogicalDisk.10.PctUtil.Peak = 0
Platform.LogicalDisk.10.ServiceTime = 0
Platform.LogicalDisk.10.ServiceTime.Avg = 0
Platform.LogicalDisk.10.ServiceTime.Peak = 0
Platform.LogicalDisk.11.AssignedName = sdd
Platform.LogicalDisk.11.AvgQueueLen = 0
Platform.LogicalDisk.11.AvgQueueLen.Avg = 0
Platform.LogicalDisk.11.AvgQueueLen.Peak = 0
Platform.LogicalDisk.11.PctUtil = 0
Platform.LogicalDisk.11.PctUtil.Avg = 0
Platform.LogicalDisk.11.PctUtil.Peak = 0
Platform.LogicalDisk.11.ServiceTime = 0
Platform.LogicalDisk.11.ServiceTime.Avg = 0
Platform.LogicalDisk.11.ServiceTime.Peak = 0
Platform.LogicalDisk.12.AssignedName = sde
Platform.LogicalDisk.12.AvgQueueLen = 0
Platform.LogicalDisk.12.AvgQueueLen.Avg = 0
Platform.LogicalDisk.12.AvgQueueLen.Peak = 0
Platform.LogicalDisk.12.PctUtil = 0
Platform.LogicalDisk.12.PctUtil.Avg = 0
Platform.LogicalDisk.12.PctUtil.Peak = 0
Platform.LogicalDisk.12.ServiceTime = 0
Platform.LogicalDisk.12.ServiceTime.Avg = 0
Platform.LogicalDisk.12.ServiceTime.Peak = 0
Platform.LogicalDisk.13.AssignedName = sdf
Platform.LogicalDisk.13.AvgQueueLen = 0
Platform.LogicalDisk.13.AvgQueueLen.Avg = 0
Platform.LogicalDisk.13.AvgQueueLen.Peak = 0
Platform.LogicalDisk.13.PctUtil = 0
Platform.LogicalDisk.13.PctUtil.Avg = 0
Platform.LogicalDisk.13.PctUtil.Peak = 0
Platform.LogicalDisk.13.ServiceTime = 0
Platform.LogicalDisk.13.ServiceTime.Avg = 0
Platform.LogicalDisk.13.ServiceTime.Peak = 0
Platform.LogicalDisk.14.AssignedName = sdg
Platform.LogicalDisk.14.AvgQueueLen = 0
Platform.LogicalDisk.14.AvgQueueLen.Avg = 0
Platform.LogicalDisk.14.AvgQueueLen.Peak = 0
Platform.LogicalDisk.14.PctUtil = 0
Platform.LogicalDisk.14.PctUtil.Avg = 0
Platform.LogicalDisk.14.PctUtil.Peak = 0
Platform.LogicalDisk.14.ServiceTime = 0
Platform.LogicalDisk.14.ServiceTime.Avg = 0
Platform.LogicalDisk.14.ServiceTime.Peak = 0
Platform.LogicalDisk.15.AssignedName = sdh
Platform.LogicalDisk.15.AvgQueueLen = 0
Platform.LogicalDisk.15.AvgQueueLen.Avg = 0
Platform.LogicalDisk.15.AvgQueueLen.Peak = 0
Platform.LogicalDisk.15.PctUtil = 0
Platform.LogicalDisk.15.PctUtil.Avg = 0
Platform.LogicalDisk.15.PctUtil.Peak = 0
Platform.LogicalDisk.15.ServiceTime = 0
Platform.LogicalDisk.15.ServiceTime.Avg = 0
Platform.LogicalDisk.15.ServiceTime.Peak = 0
Platform.LogicalDisk.16.AssignedName = sdi
Platform.LogicalDisk.16.AvgQueueLen = 0
Platform.LogicalDisk.16.AvgQueueLen.Avg = 0
Platform.LogicalDisk.16.AvgQueueLen.Peak = 0
Platform.LogicalDisk.16.PctUtil = 0
Platform.LogicalDisk.16.PctUtil.Avg = 0
Platform.LogicalDisk.16.PctUtil.Peak = 0
Platform.LogicalDisk.16.ServiceTime = 0
Platform.LogicalDisk.16.ServiceTime.Avg = 0
Platform.LogicalDisk.16.ServiceTime.Peak = 0
Platform.LogicalDisk.17.AssignedName = sdj
Platform.LogicalDisk.17.AvgQueueLen = 0
Platform.LogicalDisk.17.AvgQueueLen.Avg = 0
Platform.LogicalDisk.17.AvgQueueLen.Peak = 0
Platform.LogicalDisk.17.PctUtil = 0
Platform.LogicalDisk.17.PctUtil.Avg = 0
Platform.LogicalDisk.17.PctUtil.Peak = 0
Platform.LogicalDisk.17.ServiceTime = 0
Platform.LogicalDisk.17.ServiceTime.Avg = 0
Platform.LogicalDisk.17.ServiceTime.Peak = 0
Platform.LogicalDisk.18.AssignedName = sdk
Platform.LogicalDisk.18.AvgQueueLen = 0
Platform.LogicalDisk.18.AvgQueueLen.Avg = 0
Platform.LogicalDisk.18.AvgQueueLen.Peak = 0
Platform.LogicalDisk.18.PctUtil = 0
Platform.LogicalDisk.18.PctUtil.Avg = 0
Platform.LogicalDisk.18.PctUtil.Peak = 0
Platform.LogicalDisk.18.ServiceTime = 0
Platform.LogicalDisk.18.ServiceTime.Avg = 0
Platform.LogicalDisk.18.ServiceTime.Peak = 0
Platform.LogicalDisk.19.AssignedName = sdl
Platform.LogicalDisk.19.AvgQueueLen = 0

Platform.LogicalDisk.8.ServiceTime.Avg = 0
 Platform.LogicalDisk.8.ServiceTime.Peak = 0
 Platform.LogicalDisk.9.AssignedName = sdb
 Platform.LogicalDisk.9.AvgQueueLen = 0
 Platform.LogicalDisk.9.AvgQueueLen.Avg = 0
 Platform.LogicalDisk.9.AvgQueueLen.Peak = 0
 Platform.LogicalDisk.9.PctUtil = 0
 Platform.LogicalDisk.9.PctUtil.Avg = 0
 Platform.LogicalDisk.9.PctUtil.Peak = 0
 Platform.LogicalDisk.9.ServiceTime = 0
 Platform.LogicalDisk.9.ServiceTime.Avg = 0
 Platform.LogicalDisk.9.ServiceTime.Peak = 0
 Platform.LogicalDisk.TotalNumofDisks = 24
 Platform.Memory.PagesPerSec = 0
 Platform.Memory.RAM.AvailMBytes = 715
 Platform.Memory.RAM.AvailMBytes.Avg = 714
 Platform.Memory.RAM.AvailMBytes.Min = 4
 Platform.Memory.RAM.AvailMBytes.Peak = 7,474
 Platform.Memory.RAM.PctUtil = 91
 Platform.Memory.RAM.TotalMBytes = 8,043
 Platform.Network.1.AdapterName = eth0
 Platform.Network.1.BytesRecvPerSec = 24
 Platform.Network.1.BytesSentPerSec = 0
 Platform.Network.1.PctCollisionRate = 0
 Platform.Network.1.TotalBytesPerSec = 24
 Platform.Network.2.AdapterName = eth1
 Platform.Network.2.BytesRecvPerSec = 24
 Platform.Network.2.BytesSentPerSec = 0
 Platform.Network.2.PctCollisionRate = 0
 Platform.Network.2.TotalBytesPerSec = 24
 Platform.Network.3.AdapterName = eth2
 Platform.Network.3.BytesRecvPerSec = 0
 Platform.Network.3.BytesSentPerSec = 0
 Platform.Network.3.PctCollisionRate = 0
 Platform.Network.3.TotalBytesPerSec = 0
 Platform.Network.4.AdapterName = eth3
 Platform.Network.4.BytesRecvPerSec = 0
 Platform.Network.4.BytesSentPerSec = 0
 Platform.Network.4.PctCollisionRate = 0
 Platform.Network.4.TotalBytesPerSec = 0
 Platform.Network.TotalNumofAdapters = 4
 Platform.Network.Total.BytesRecvPerSec = 48
 Platform.Network.Total.BytesSentPerSec = 0
 Platform.Network.Total.NetworkBytesPerSec = 48
 Platform.Network.Total.PctCollisionRate = 0
 Platform.PagingFile.Free.SizeMBytes = 1,644
 Platform.PagingFile.Total.PctUtil = 19
 Platform.PagingFile.Total.PctUtil.Avg = 0
 Platform.PagingFile.Total.PctUtil.Peak = 20
 Platform.PagingFile.Total.SizeMBytes = 2,047
 Platform.System.ContextSwitchesPerSec = 17,457
 Platform.System.ContextSwitchesPerSec.Avg = 56,862
 Platform.System.ContextSwitchesPerSec.Min = 1,680
 Platform.System.ContextSwitchesPerSec.Peak = 140,379
 Platform.System.PctCombinedCpuUtil = 0
 Platform.System.PctCombinedCpuUtil.Avg = 34.57
 Platform.System.PctCombinedCpuUtil.Peak = 77
 Platform.System.PctTotalPrivilegedCpuUtil = 0
 Platform.System.PctTotalPrivilegedCpuUtil.Avg = 4.37
 Platform.System.PctTotalPrivilegedCpuUtil.Peak = 11
 Platform.System.PctTotalUserCpuUtil = 0
 Platform.System.PctTotalUserCpuUtil.Avg = 30.21
 Platform.System.PctTotalUserCpuUtil.Peak = 68
 Platform.Time.LastSample = 02/13/2004 07:25:59 EST
 Platform.Time.SampleRateInMins = 10
 ServerAdministrators = CN=administrator/O=ibm
 ServerAdministrators.Access = CN=administrator/O=ibm
 ServerAdministrators.FullAccess = CN=administrator/O=ibm
 Server.AvailabilityIndex = 100
 Server.AvailabilityThreshold = 0
 Server.BootID = 6940917
 Server.BusyTimeQuery.ReceivedCount = 0
 Server.CPU.Count = 8
 Server.ElapsedTime = 17:07:57
 Server.ExpansionFactor = 1
 Server.MailBoxes = 4
 Server.Monitor.Start = 02/12/2004 14:18:06 EST
 Server.Name = CN=sut1/O=ibm
 Server.OpenRequest.MaxUsers = 0
 Server.OpenRequest.Restricted = 0
 Server.Path.Configfile = /local/notesdata1/notes.ini
 Server.Path.Data = /local/notesdata1
 Server.Path.Executable = /opt/lotus/notes/latest/linux/
 Server.Ports = TCPIP,TCPIP
 Server.PoweredBy = Notes
 Server.Sessions.Dropped = 0
 Server.SharedMail = 0
 Server.Task = Router: Searching for mail to deliver: [02/13/2004 01:31:36 EST]
 Server.Task = Router: Searching for mail to transfer: [02/13/2004 01:31:42 EST]
 Server.Task = Router: Searching for mail to deliver: [02/13/2004 01:31:42 EST]
 Server.Task = Router: Searching for mail to deliver: [02/13/2004 01:31:36 EST]
 Server.Task = Router: Searching for mail to deliver: [02/13/2004 01:31:39 EST]
 Server.Task = Router: Searching for mail to deliver: [02/13/2004 01:31:36 EST]
 Server.Task = Router: Searching for mail to transfer: [02/13/2004 01:31:38 EST]
 Server.Task = Router: Searching for mail to deliver: [02/13/2004 01:31:47 EST]
 Server.Task = Router: Searching for mail to transfer: [02/13/2004 01:31:38 EST]
 Server.Task = Router: Searching for mail to deliver: [02/13/2004 01:31:42 EST]
 Server.Task = HTTP Server: Listen for connect requests on TCP Port:80: [02/13/2004 07:26:02 EST]
 Server.Task = Router: Idle: [02/13/2004 07:26:00 EST]
 Server.Task = Event Monitor: Idle: [02/13/2004 07:26:03 EST]
 Server.Tasks = 28
 Server.Task.DB = Database Server: Idle: [02/13/2004 07:26:03 EST]
 Server.Time.Start = 02/12/2004 14:18:06 EST
 Server.Title =
 Server.Trans.PerMinute = 0
 Server.Trans.PerMinute.Peak = 14
 Server.Trans.PerMinute.Peak.Time = 02/12/2004 14:21:20 EST
 Server.Trans.Total = 229
 Server.Users = 0
 Server.Users.1MinPeak = 1
 Server.Users.1MinPeakTime = 02/12/2004 14:23:18 EST
 Server.Users.5MinPeak = 1
 Server.Users.5MinPeakTime = 02/12/2004 14:23:18 EST
 Server.Users.Active = 0
 Server.Users.Active15Min = 0
 Server.Users.Active1Min = 0
 Server.Users.Active30Min = 0
 Server.Users.Active3Min = 0
 Server.Users.Active5Min = 0
 Server.Users.Peak = 2
 Server.Users.Peak.Time = 02/12/2004 14:47:43 EST
 Server.Version.Notes = Release 6.5.1
 Server.Version.Notes.BuildNumber = 194
 Server.Version.OS = Linux 2.4.9-e.24enterprise #1 S
 Stats.Time.Current = 02/13/2004 07:26:45 EST

Stats.Time.Start = 02/12/2004 14:16:49 EST
662 statistics found

Domino Partition 2

```
> sh stat
Database.DAFailoverCount = 0
Database.DAResfreshServerInfoCount = 0
Database.DAReloadCount = 0
Database.Database.BufferPool.Maximum.Megabytes = 140
Database.Database.BufferPool.MM.Reads = 0
Database.Database.BufferPool.MM.Writes = 0
Database.Database.BufferPool.Peak.Megabytes = 138
Database.Database.BufferPool.PerCentReadsInBuffer = 99.7
Database.DbCache.CurrentEntries = 4
Database.DbCache.HighWaterMark = 9
Database.DbCache.Hits = 150
Database.DbCache.InitialDbOpens = 321
Database.DbCache.Lookups = 328
Database.DbCache.MaxEntries = 4000
Database.DbCache.OvercrowdingRejections = 0
Database.ExtMgrPool.Peak = 65,406
Database.ExtMgrPool.Used = 148
Database.FreeHandleStack.FreeHandleStackHits = 90272
Database.FreeHandleStack.HandleAllocations = 90390
Database.FreeHandleStack.MissRate = 0
Database.LDAP.NAMELookupBindFailures = 0
Database.LDAP.NAMELookupBinds = 0
Database.LDAP.NAMELookupBytesReceived = 0
Database.LDAP.NAMELookupEntries = 0
Database.LDAP.NAMELookupFailures = 0
Database.LDAP.NAMELookupTotal = 0
Database.LDAP.NAMELookupTotalLookupTime = 0
Database.NAMELookupCacheCacheSize = 1,434,432
Database.NAMELookupCacheHashSize = 1,236,854
Database.NAMELookupCacheHits = 1,030
Database.NAMELookupCacheLookups = 231,922
Database.NAMELookupCacheMaxSize = 16,777,216
Database.NAMELookupCacheMisses = 74,723
Database.NAMELookupCacheNoHitHits = 156,169
Database.NAMELookupCachePool.Peak = 4,194,304
Database.NAMELookupCachePool.Used = 3,362,336
Database.NAMELookupCacheResets = 0
Database.NAMELookupMisses = 16,449
Database.NAMELookupTotal = 231939
Database.NAMELookupTotalLookupTime = 531.421
Database.NIFPool.Peak = 1,048,576
Database.NIFPool.Used = 296,544
Database.NSPool.Peak = 1,048,576
Database.NSPool.Used = 293,888
Database.NSF.ClusterHashTable.EntriesWithSameIndex = 0
Database.NSF.ClusterHashTable.FreedEntriesOnCleanup = 0
Database.NSF.ClusterHashTable.HashEntries = 0
Database.NSF.ClusterHashTable.HashIsFull = 0
Database.NSF.ClusterHashTable.MissedHashHits = 0
Database.NSF.ClusterHashTable.SuccessfullHashHits = 0
Database.NSF.Replicate.NotesMergedBack = 0
Database.NSF.Replicate.NotesReceived = 0
Database.NSF.Replicate.NotesReopened = 0
Database.NSF.Replicate.NotesSent = 0
Database.NSF.Replicate.UnreadMarks.ChunkLookups = 0
Database.NSF.Replicate.UnreadMarks.ChunksScanned = 0
Database.NSF.Replicate.UnreadMarks.ChunksSkimmed = 0
Database.NSF.Replicate.UnreadMarks.FullReplications = 0
Database.NSF.Replicate.UnreadMarks.LocalMaxChunks = 0
Database.NSF.Replicate.UnreadMarks.LocalUnreadOperations = 0
Database.NSF.Replicate.UnreadMarks.MessagesReceived = 0
Database.NSF.Replicate.UnreadMarks.MessagesSent = 0
Database.NSF.Replicate.UnreadMarks.OperationsReceived = 0
Database.NSF.Replicate.UnreadMarks.OperationsSent = 0
Database.NSF.Replicate.UnreadMarks.UsersActive = 0
Database.NSF.Replicate.UnreadMarks.UsersActiveMax = 0
Database.NSF.SignatureCache.Hits = 1
Database.NSF.SignatureCache.Tries = 2
Database.RM.Sys.Logged = Disabled
Disk.Fixed = 1
Disk.Remote = 0
Disk./local.Free = 21,097,639,936
Disk./local.Size = 35,784,957,952
Disk./local.Type = ext2
Domino.Cache.Command.Count = 0
Domino.Cache.Command.MaxValue = 128
Domino.Cache.Database.HitRate = 0
Domino.Cache.Design.Count = 1
Domino.Cache.Design.DisplaceRate = 0
Domino.Cache.Design.HitRate = 0
Domino.Cache.Design.MaxValue = 128
Domino.Cache.iNote WA Forms file.Count = 0
Domino.Cache.NNotesID.Count = 0
Domino.Cache.NNotesID.MaxValue = 3,000
Domino.Cache.Note Cache.HitRate = 0
Domino.Cache.Session.Count = 0
Domino.Cache.Session.MaxValue = 1,000
Domino.Cache.User.Count = 0
Domino.Cache.User.MaxValue = 3,000
Domino.Command.CopyToFolder = 0
Domino.Command.CreateDocument = 0
Domino.Command.DeleteDocument = 0
Domino.Command.DeleteDocuments = 0
Domino.Command.EditDocument = 0
Domino.Command.GetOrbCookie = 0
Domino.Command.MoveToFolder = 0
Domino.Command.Navigate = 0
Domino.Command.OpenAbout = 0
Domino.Command.OpenAgent = 0
Domino.Command.OpenCssResource = 0
Domino.Command.OpenDatabase = 0
Domino.Command.OpenDocument = 0
Domino.Command.OpenElement = 0
Domino.Command.OpenFileResource = 0
Domino.Command.OpenForm = 0
Domino.Command.OpenHelp = 0
Domino.Command.OpenIcon = 0
Domino.Command.OpenImageResource = 0
Domino.Command.OpenJavascriptLib = 0
Domino.Command.OpenNavigator = 0
Domino.Command.OpenPreferences = 0
Domino.Command.OpenServer = 0
Domino.Command.OpenView = 0
Domino.Command.ReadForm = 0
Domino.Command.Redirect = 0
Domino.Command.RemoveFromFolder = 0
Domino.Command.RequestCert = 0
Domino.Command.SaveDocument = 0
Domino.Command.SearchDomain = 0
Domino.Command.SearchSite = 0
Domino.Command.SearchView = 0
Domino.Command.Total = 0
Domino.Command.Unknown = 0
Domino.Config.ActiveThreads.Max = 80
Domino.Config.ActiveThreads.Min = 20
Domino.Config.AllowDirectoryLinks = 1
Domino.Config.Directory.CGI = /local/notesdata2/domino/cgi-bin
Domino.Config.Directory.HTML = /local/notesdata2/domino/html
Domino.Config.Directory.Icons = /local/notesdata2/domino/icons
Domino.Config.Directory.JavaRoot = /local/notesdata2/domino/java
```

Domino.Config.DNSLookup = 0
 Domino.Config.EnforceAccess = 0
 Domino.Config.HomeURL = /homepage.nsf?Open
 Domino.Config.HostName = sut2.ibm.com
 Domino.Config.Image.Format = GIF
 Domino.Config.Image.Interlaced = 1
 Domino.Config.Log.Access = access
 Domino.Config.Log.Error = error
 Domino.Config.Log.Filter =
 Domino.Config.Log.TimeStamp = 0
 Domino.Config.PortNumber = 81
 Domino.Config.PortStatus = 1
 Domino.Config.SSL.KeyFile = /local/notedata2/keyfile.kyr
 Domino.Config.SSL.PortNumber = 443
 Domino.Config.SSL.Status = 0
 Domino.Config.Timeout.CGI = 5
 Domino.Config.Timeout.IdleThread = 0
 Domino.Config.Timeout.Input = 2
 Domino.Config.Timeout.Output = 20
 Domino.Config.URLpath.CGI = /cgi-bin
 Domino.Config.URLpath.Icons = /icons
 Domino.Config.URLpath.JavaRoot = /domjava
 Domino.Config.URLpath.Servlet = /servlet
 Domino.Config.View.Lines = 30
 Domino.Config.WelcomePage = default.htm
 Domino.Requests.Per1Day.Total = 0
 Domino.Requests.Per1Hour.Total = 0
 Domino.Requests.Per1Minute.Total = 0
 Domino.Requests.Per5Minute.Total = 0
 Domino.Requests.Total = 0
 FT.Index.Bytes.PerHour = 0
 FT.Index.Count = 1
 FT.Index.Documents.Added = 0
 FT.Index.Documents.Deleted = 0
 FT.Index.Documents.Updated = 0
 FT.Index.Total.Bytes = 0
 FT.Index.Total.TimeMS = 27
 Http.Accept.ConnectionsAccepted = 0
 Http.Accept.ConnectionsDenied = 0
 Http.Accept.ConnectionsRefused = 0
 Http.Accept.Errors = 0
 Http.Accept.Polls = 291835
 Http.Accept.PollTimeouts = 291834
 Http.Accept.ServerBusy = 0
 Http.CurrentConnections = 0
 Http.MaxConnections = 2000
 Http.Workers = 80
 Http.Worker.Total.BytesRead = 0
 Http.Worker.Total.BytesWritten = 0
 Http.Worker.Total.Cgi.Requests = 0
 Http.Worker.Total.Cgi.RequestTime = 0
 Http.Worker.Total.DomWS.Requests = 0
 Http.Worker.Total.DomWS.RequestTime = 0
 Http.Worker.Total.Dsapi.Requests = 0
 Http.Worker.Total.Dsapi.RequestTime = 0
 Http.Worker.Total.File.Requests = 0
 Http.Worker.Total.File.RequestTime = 0
 Http.Worker.Total.Http.Requests = 0
 Http.Worker.Total.Http.RequestTime = 0
 Http.Worker.Total.IdleSessionTimeouts = 0
 Http.Worker.Total.InputTimeouts = 0
 Http.Worker.Total.Notes.Requests = 0
 Http.Worker.Total.Notes.RequestTime = 0
 Http.Worker.Total.OutputTimeouts = 0
 Http.Worker.Total.QuickPlace.Requests = 0
 Http.Worker.Total.QuickPlace.RequestTime = 0
 Http.Worker.Total.RequestsProcessed = 0
 Http.Worker.Total.TotalRequestTime = 0

 Mail.CurrentByteDeliveryRate = 0
 Mail.CurrentByteTransferRate = 0
 Mail.CurrentMessageDeliveryRate = 0
 Mail.CurrentMessageTransferRate = 0
 Mail.DBCacheEntries = 0
 Mail.DBCacheHits = 0
 MAIL.Dead = 57515
 Mail.DeliveryThreads.Max = 7
 Mail.DeliveryThreads.Total = 0
 Mail.Domain = IBM
 MAIL.Hold = 0
 Mail.Mailbox.AccessConflicts = 0
 Mail.Mailbox.Accesses = 57517
 Mail.Mailbox.AccessWarnings = 0
 Mail.Mailbox.CurrentAccesses = 0
 Mail.Mailbox.MaxConcurrentAccesses = 1
 Mail.MailboxOpens = 58143
 MAIL.TotalFailures = 57517
 Mail.TransferThreads.Concurrent.Highest = 0
 Mail.TransferThreads.Concurrent.Max = 3
 Mail.TransferThreads.Max = 7
 Mail.TransferThreads.Total = 0
 MAIL.Waiting = 0
 MAIL.WaitingForDIR = 0
 MAIL.WaitingForDNS = 0
 MAIL.WaitingRecipients = 0
 Mem.Allocated = 184068522
 Mem.Allocated.Process = 19300572
 Mem.Allocated.Shared = 164767950
 Mem.Availability = Plentiful
 Mem.PhysicalRAM = 2147483647
 Monitor.Last.ROUTER.Warning(High) = 13,088
 Monitor.Last.ROUTER.Warning(High)Text = Router: Error searching mailbox file mail.box: Insufficient memory - Router message queue is full.
 Monitor.Last.Server.Failure = 4,369
 Monitor.Last.Server.FailureText = Router: Error searching mailbox file mail.box: Insufficient memory - Router message queue is full.
 Monitor.ROUTER.Warning(High) = 8,330
 Monitor.Server.Failure = 8,330
 NET.GroupCache.Hits = 58,191
 NET.GroupCache.Misses = 6
 NET.GroupCache.NumEntries = 3
 NET.GroupCache.Size = 65,406
 NET.GroupCache.Used = 2,084
 NET.Log.sut2/ibm.PeakUnwrittenEntries = 6
 NET.Log.sut2/ibm.UnwrittenEntries = 2
 NET.TCPIP.BytesReceived = 2,414,845,480
 NET.TCPIP.BytesSent = 50,748,758
 NET.TCPIP.Sessions.Established.Incoming = 58151
 NET.TCPIP.Sessions.Established.Outgoing = 0
 NET.TCPIP.Sessions.Limit = 65535
 NET.TCPIP.Sessions.LimitMax = 65535
 NET.TCPIP.Sessions.LimitMin = 10
 NET.TCPIP.Sessions.Peak = 6
 NET.TCPIP.Sessions.Recycled = 0
 NET.TCPIP.Sessions.Recycling = 0
 Platform.LogicalDisk.10.AssignedName = sdc
 Platform.LogicalDisk.10.AvgQueueLen = 0
 Platform.LogicalDisk.10.AvgQueueLen.Avg = 0
 Platform.LogicalDisk.10.AvgQueueLen.Peak = 0
 Platform.LogicalDisk.10.PctUtil = 0
 Platform.LogicalDisk.10.PctUtil.Avg = 0
 Platform.LogicalDisk.10.PctUtil.Peak = 0
 Platform.LogicalDisk.10.ServiceTime = 0
 Platform.LogicalDisk.10.ServiceTime.Avg = 0

Platform.LogicalDisk.23.PctUtil.Avg = 0
Platform.LogicalDisk.23.PctUtil.Peak = 0
Platform.LogicalDisk.23.ServiceTime = 0
Platform.LogicalDisk.23.ServiceTime.Avg = 0
Platform.LogicalDisk.23.ServiceTime.Peak = 0
Platform.LogicalDisk.24.AssignedName = hda
Platform.LogicalDisk.24.AvgQueueLen = 0
Platform.LogicalDisk.24.AvgQueueLen.Avg = 0
Platform.LogicalDisk.24.AvgQueueLen.Peak = 0
Platform.LogicalDisk.24.PctUtil = 0
Platform.LogicalDisk.24.PctUtil.Avg = 0
Platform.LogicalDisk.24.PctUtil.Peak = 0
Platform.LogicalDisk.24.ServiceTime = 0
Platform.LogicalDisk.24.ServiceTime.Avg = 0
Platform.LogicalDisk.24.ServiceTime.Peak = 0
Platform.LogicalDisk.2.AssignedName = sdr
Platform.LogicalDisk.2.AvgQueueLen = 0
Platform.LogicalDisk.2.AvgQueueLen.Avg = 0
Platform.LogicalDisk.2.AvgQueueLen.Peak = 0
Platform.LogicalDisk.2.PctUtil = 0
Platform.LogicalDisk.2.PctUtil.Avg = 0
Platform.LogicalDisk.2.PctUtil.Peak = 0
Platform.LogicalDisk.2.ServiceTime = 0
Platform.LogicalDisk.2.ServiceTime.Avg = 0
Platform.LogicalDisk.2.ServiceTime.Peak = 0
Platform.LogicalDisk.3.AssignedName = sds
Platform.LogicalDisk.3.AvgQueueLen = 0
Platform.LogicalDisk.3.AvgQueueLen.Avg = 0
Platform.LogicalDisk.3.AvgQueueLen.Peak = 0
Platform.LogicalDisk.3.PctUtil = 0
Platform.LogicalDisk.3.PctUtil.Avg = 0
Platform.LogicalDisk.3.PctUtil.Peak = 0
Platform.LogicalDisk.3.ServiceTime = 0
Platform.LogicalDisk.3.ServiceTime.Avg = 0
Platform.LogicalDisk.3.ServiceTime.Peak = 0
Platform.LogicalDisk.4.AssignedName = sdt
Platform.LogicalDisk.4.AvgQueueLen = 0
Platform.LogicalDisk.4.AvgQueueLen.Avg = 0
Platform.LogicalDisk.4.AvgQueueLen.Peak = 0
Platform.LogicalDisk.4.PctUtil = 0
Platform.LogicalDisk.4.PctUtil.Avg = 0
Platform.LogicalDisk.4.PctUtil.Peak = 0
Platform.LogicalDisk.4.ServiceTime = 0
Platform.LogicalDisk.4.ServiceTime.Avg = 0
Platform.LogicalDisk.4.ServiceTime.Peak = 0
Platform.LogicalDisk.5.AssignedName = sdu
Platform.LogicalDisk.5.AvgQueueLen = 0
Platform.LogicalDisk.5.AvgQueueLen.Avg = 0
Platform.LogicalDisk.5.AvgQueueLen.Peak = 0
Platform.LogicalDisk.5.PctUtil = 0
Platform.LogicalDisk.5.PctUtil.Avg = 0
Platform.LogicalDisk.5.PctUtil.Peak = 0
Platform.LogicalDisk.5.ServiceTime = 0
Platform.LogicalDisk.5.ServiceTime.Avg = 0
Platform.LogicalDisk.5.ServiceTime.Peak = 0
Platform.LogicalDisk.6.AssignedName = sdv
Platform.LogicalDisk.6.AvgQueueLen = 0
Platform.LogicalDisk.6.AvgQueueLen.Avg = 0
Platform.LogicalDisk.6.AvgQueueLen.Peak = 0
Platform.LogicalDisk.6.PctUtil = 0
Platform.LogicalDisk.6.PctUtil.Avg = 0
Platform.LogicalDisk.6.PctUtil.Peak = 0
Platform.LogicalDisk.6.ServiceTime = 0
Platform.LogicalDisk.6.ServiceTime.Avg = 0
Platform.LogicalDisk.6.ServiceTime.Peak = 0
Platform.LogicalDisk.7.AssignedName = sdw
Platform.LogicalDisk.7.AvgQueueLen = 0
Platform.LogicalDisk.7.AvgQueueLen.Avg = 0
Platform.LogicalDisk.7.PctUtil = 0
Platform.LogicalDisk.7.PctUtil.Avg = 0
Platform.LogicalDisk.7.PctUtil.Peak = 0
Platform.LogicalDisk.7.ServiceTime = 0
Platform.LogicalDisk.7.ServiceTime.Avg = 0
Platform.LogicalDisk.7.ServiceTime.Peak = 0
Platform.LogicalDisk.8.AssignedName = sda
Platform.LogicalDisk.8.AvgQueueLen = 0
Platform.LogicalDisk.8.AvgQueueLen.Avg = 0
Platform.LogicalDisk.8.AvgQueueLen.Peak = 0
Platform.LogicalDisk.8.PctUtil = 0
Platform.LogicalDisk.8.PctUtil.Avg = 0
Platform.LogicalDisk.8.PctUtil.Peak = 0
Platform.LogicalDisk.8.ServiceTime = 0
Platform.LogicalDisk.8.ServiceTime.Avg = 0
Platform.LogicalDisk.8.ServiceTime.Peak = 0
Platform.LogicalDisk.9.AssignedName = sdb
Platform.LogicalDisk.9.AvgQueueLen = 0
Platform.LogicalDisk.9.AvgQueueLen.Avg = 0
Platform.LogicalDisk.9.AvgQueueLen.Peak = 0
Platform.LogicalDisk.9.PctUtil = 0
Platform.LogicalDisk.9.PctUtil.Avg = 0
Platform.LogicalDisk.9.PctUtil.Peak = 0
Platform.LogicalDisk.9.ServiceTime = 0
Platform.LogicalDisk.9.ServiceTime.Avg = 0
Platform.LogicalDisk.9.ServiceTime.Peak = 0
Platform.LogicalDisk.TotalNumofDisks = 24
Platform.Memory.PagesPerSec = 0
Platform.Memory.RAM.AvailMBytes = 715
Platform.Memory.RAM.AvailMBytes.Avg = 692
Platform.Memory.RAM.AvailMBytes.Min = 4
Platform.Memory.RAM.AvailMBytes.Peak = 7,475
Platform.Memory.RAM.PctUtil = 91
Platform.Memory.RAM.TotalMBytes = 8,043
Platform.Network.1.AdapterName = eth0
Platform.Network.1.BytesRecvPerSec = 25
Platform.Network.1.BytesSentPerSec = 0
Platform.Network.1.PctCollisionRate = 0
Platform.Network.1.TotalBytesPerSec = 25
Platform.Network.2.AdapterName = eth1
Platform.Network.2.BytesRecvPerSec = 25
Platform.Network.2.BytesSentPerSec = 0
Platform.Network.2.PctCollisionRate = 0
Platform.Network.2.TotalBytesPerSec = 25
Platform.Network.3.AdapterName = eth2
Platform.Network.3.BytesRecvPerSec = 0
Platform.Network.3.BytesSentPerSec = 0
Platform.Network.3.PctCollisionRate = 0
Platform.Network.3.TotalBytesPerSec = 0
Platform.Network.4.AdapterName = eth3
Platform.Network.4.BytesRecvPerSec = 0
Platform.Network.4.BytesSentPerSec = 0
Platform.Network.4.PctCollisionRate = 0
Platform.Network.4.TotalBytesPerSec = 0
Platform.Network.TotalNumofAdapters = 4
Platform.Network.Total.BytesRecvPerSec = 50
Platform.Network.Total.BytesSentPerSec = 0
Platform.Network.Total.NetworkBytesPerSec = 50
Platform.Network.Total.PctCollisionRate = 0
Platform.PagingFile.Free.SizeMBytes = 1,644
Platform.PagingFile.Total.PctUtil = 19
Platform.PagingFile.Total.PctUtil.Avg = 0
Platform.PagingFile.Total.PctUtil.Peak = 20
Platform.PagingFile.Total.SizeMBytes = 2,047
Platform.System.ContextSwitchesPerSec = 17,747
Platform.System.ContextSwitchesPerSec.Avg = 56,770
Platform.System.ContextSwitchesPerSec.Min = 1,689

Platform.System.ContextSwitchesPerSec.Peak = 132,339
Platform.System.PctCombinedCpuUtil = 0
Platform.System.PctCombinedCpuUtil.Avg = 35.05
Platform.System.PctCombinedCpuUtil.Peak = 77
Platform.System.PctTotalPrivilegedCpuUtil = 0
Platform.System.PctTotalPrivilegedCpuUtil.Avg = 4.46
Platform.System.PctTotalPrivilegedCpuUtil.Peak = 12
Platform.System.PctTotalUserCpuUtil = 0
Platform.System.PctTotalUserCpuUtil.Avg = 30.59
Platform.System.PctTotalUserCpuUtil.Peak = 67
Platform.Time.LastSample = 02/13/2004 07:20:02 EST
Platform.Time.SampleRateInMins = 10
ServerAdministrators = CN=administrator/O=ibm
ServerAdministrators.Access = CN=administrator/O=ibm
ServerAdministrators.FullAccess = CN=administrator/O=ibm
Server.AvailabilityIndex = 100
Server.AvailabilityThreshold = 0
Server.BootID = 6938489
Server.BusyTimeQuery.ReceivedCount = 0
Server.CPU.Count = 8
Server.ElapsedTime = 17:08:19
Server.ExpansionFactor = 1
Server.MailBoxes = 4
Server.Monitor.Start = 02/12/2004 14:17:36 EST
Server.Name = CN=sut2/O=ibm
Server.OpenRequest.MaxUsers = 0
Server.OpenRequest.Restricted = 0
Server.Path.Configfile = /local/notesdata2/notes.ini
Server.Path.Data = /local/notesdata2
Server.Path.Executable = /opt/lotus/notes/latest/linux/
Server.Ports = TCPIP,TCPIP
Server.PoweredBy = Notes
Server.Sessions.Dropped = 0
Server.SharedMail = 0
Server.Task = HTTP Server: Listen for connect requests on TCP
Port:81: [02/13/2004 07:25:54 EST]
Server.Task = Router: Idle: [02/13/2004 07:25:50 EST]
Server.Task = Event Monitor: Idle: [02/13/2004 07:25:55 EST]
Server.Tasks = 18
Server.Task.DB = Database Server: Idle: [02/13/2004 07:25:55 EST]
Server.Time.Start = 02/12/2004 14:17:36 EST
Server.Title =
Server.Trans.PerMinute = 0
Server.Trans.PerMinute.Peak = 918
Server.Trans.PerMinute.Peak.Time = 02/12/2004 23:35:08 EST
Server.Trans.Total = 267711
Server.Users = 0
Server.Users.1MinPeak = 2
Server.Users.1MinPeakTime = 02/12/2004 16:08:26 EST
Server.Users.5MinPeak = 2
Server.Users.5MinPeakTime = 02/12/2004 16:08:26 EST
Server.Users.Active = 0
Server.Users.Active15Min = 0
Server.Users.Active1Min = 0
Server.Users.Active30Min = 0
Server.Users.Active3Min = 0
Server.Users.Active5Min = 0
Server.Users.Peak = 5
Server.Users.Peak.Time = 02/12/2004 17:09:30 EST
Server.Version.Notes = Release 6.5.1
Server.Version.Notes.BuildNumber = 194
Server.Version.OS = Linux 2.4.9-e.24enterprise #1 S
Stats.Time.Current = 02/13/2004 07:26:52 EST
Stats.Time.Start = 02/12/2004 14:16:23 EST
598 statistics found

First Edition - February 2004

THE INFORMATION CONTAINED IN THIS DOCUMENT IS DISTRIBUTED ON AN AS IS BASIS WITHOUT ANY WARRANTY EITHER EXPRESSED OR IMPLIED. The use of this information or the implementation of any of these techniques is a customer's responsibility and depends on the customer's ability to evaluate and integrate them into the customer's operational environment. While each item has been reviewed by IBM for accuracy in a specific situation, there is no guarantee that the same or similar results will be obtained elsewhere. Customers attempting to adapt these techniques to their own environment do so at their own risk.

In this document, any references made to an IBM licensed program are not intended to state or imply that only IBM's licensed program may be used; any functionally equivalent program may be used.

This publication was produced in the United States. IBM may not offer the products, services, or features discussed in this document in other countries, and the information is subject to change without notice. Consult your local IBM representative for information on products and services available in your area..

© Copyright International Business Machines Corporation 2004. All rights reserved.

Permission is granted to reproduce this document in whole or in part, provided the copyright notice as printed above is set forth in full text at the beginning or end of each reproduced document or portion thereof.

U.S. Government Users - Documentation related to restricted rights: Use, duplication, or disclosure is subject to restrictions set forth in GSA ADP Schedule Contract with IBM Corp.

Trademarks

IBM, BladeCenter, eServer, TotalStorage, IntelliStation, xSeries and the eServer and IBM logos are trademarks or registered trademarks of International Business Machines Corporation.

Lotus, Lotus Notes and Domino are trademarks or registered trademarks of Lotus Development Corporation and/or IBM Corporation.

Intel and Xeon are trademarks or registered trademarks of Intel Corporation.

Microsoft and Windows are registered trademarks of Microsoft Corporation in the United States and other countries.

Other company, product, or service names, which may be denoted by two asterisks (**), may be trademarks or service marks of others.