SPECsfs97 Result

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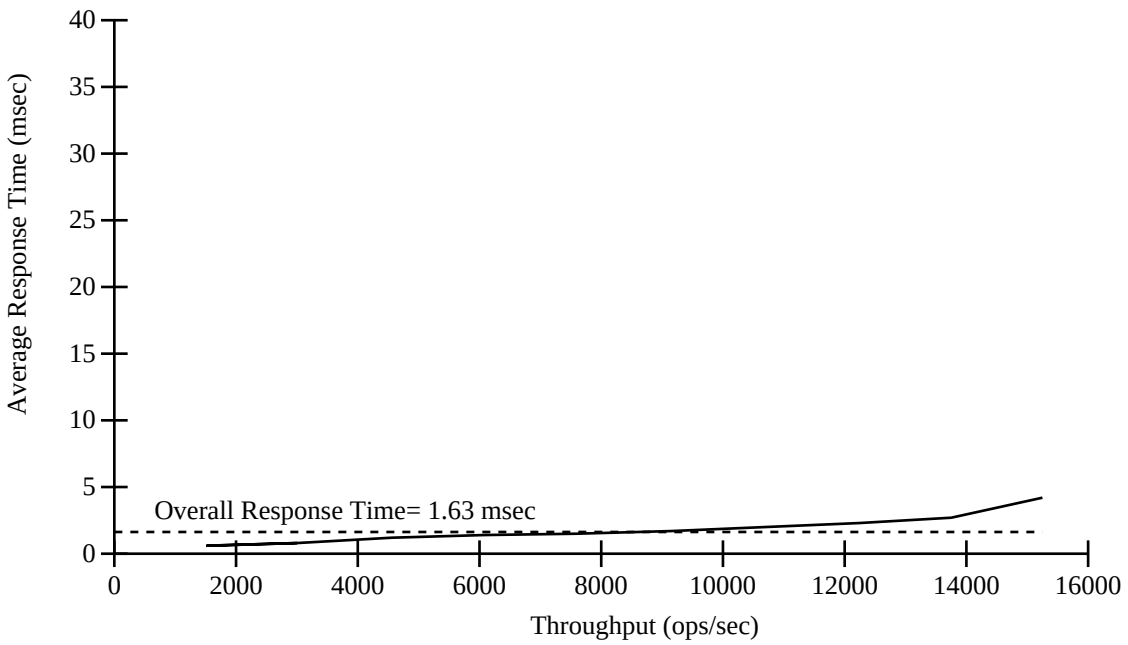
NEC Corporation
NV7200S

SPECsfs97_R1.v3 =

15249 Ops/Sec (Overall Response Time = 1.63 msec)

Tested:	March 2004	By:	NEC Corporation	License #:	89	Hardware Avail:	March 2004	Software Avail:	March 2004

Throughput (ops/sec)	Average Response (msec)
1514	0.6
3005	0.8
4558	1.2
6079	1.4
7602	1.5
9158	1.7
10698	2.0
12242	2.3
13752	2.7
15249	**4.2**



CPU, Memory and Power

Model Name:	NV7200S
Processor:	2.0 GHz Xeon
# of Processors:	2 cores, 2 chips, 1 core/chip
Primary Cache:	12 KuOPs + 8 KB D
Secondary Cache:	512KB(I+D) on chip
Other Cache:	N/A
UPS:	NF9100-SU01 / iStorage UPS(3000VA)
Other Hardware:	N/A
Memory Size:	3 GB
NVRAM Size:	1 GB
NVRAM Type:	Battery-backed Main Memory
NVRAM Description:	4-hour battery + UPS

Server Software

OS Name and Version:	SC-LX V1.3
Other Software:	N/A
File System:	SXFS
NFS version:	3

Network Subsystem

Network Type:	Gigabit Ethernet with TOE
Network Controller Desc.:	NEC TOE
Number Networks:	1
Number Network Controllers:	1
Protocol Type:	TCP
Switch Type:	Extreme Summit7i
Bridge Type:	N/A
Hub Type:	N/A
Other Network Hardware:	N/A

Server Tuning

Buffer Cache Size:	Dynamic
# NFS Processes:	128
Fileset Size:	145.1 GB

Disk Subsystem

Number Disk Controllers:	1
Number of Disks:	64
Number of Filesystems:	1 (F1)
File System Creation Ops:	4-GB Journal size
File System Config:	noatime, noquota (see notes)
Disk Controller:	NEC FC-AL Array Controller
# of Controller Type:	1
Number of Disks:	64
Disk Type:	36GB 10K RPM x 4, 73GB 15K RPM x 60
File Systems on Disks:	Operating System, F1
Special Config Notes:	N/A

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Load Generator (LG) Configuration

Number of Load Generators:	5
Number of Processes per LG:	12
Biod Max Read Setting:	2
Biod Max Write Setting:	2
LG Type:	LG1
LG Model:	NEC Express5800/120Rb-1
Number and Type Processors:	1 GHz Pentium III
Memory Size:	1 GB
Operating System:	Red Hat Linux 7.2, Linux Kernel 2.4.24
Compiler:	used pre-compiled binaries
Compiler Options:	N/A
Network Type:	Intel Pro/1000 Network Connection

Testbed Configuration

LG #	LG Type	Network	Target File Systems	Notes
1,2,3,4,5	LG1	N1	F1	N/A

Notes/Tuning Information

A line in your notes/tuning section is too long or you have too many lines.
Please fix the problem and try again