SPEC SFS 1 *Baseline* Summary (Side 1 of 2) 097.LADDIS

NFS Throughput SPECnfs_A93 Ops/Sec	Avg. NFS Response Time Milliseconds
663	11.1
1329	12.8
1997	14.6
2659	16.2
3324	17.9
3987	18.7
4642	21.7
5308	24.6
5969	28.4
6603	34.5
6830	36.3
7023	37.1

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Server Hardware

CPU, Memory, & Power

Model No.	XL
CPU	200MHz MIPS R4400
# of CPUs	12
Primary Cache	16KBI+16KBD on chip
Secondary Cache	4MB(I+D) off chip
Other Cache	None
Memory	1024MB 4-way interleaved
UPS	None
Other hardware	FDDI

Disk Subsystem & Filesystems

(Full Configuration on Side 2)

Num Disk Controllers	10
Num Disks	109
Num File Systems	108 (FS0-FS107)

Network Subsystem

(Full Configuration On Side 2)

Num Net Controllers	4
Num Networks	4 (N1-N4)
Type Network	FDDI

Server Software

OS Version	IRIX 5.3
Other software	FDDIXpress, NFS
File system	EFS

Server Tuning

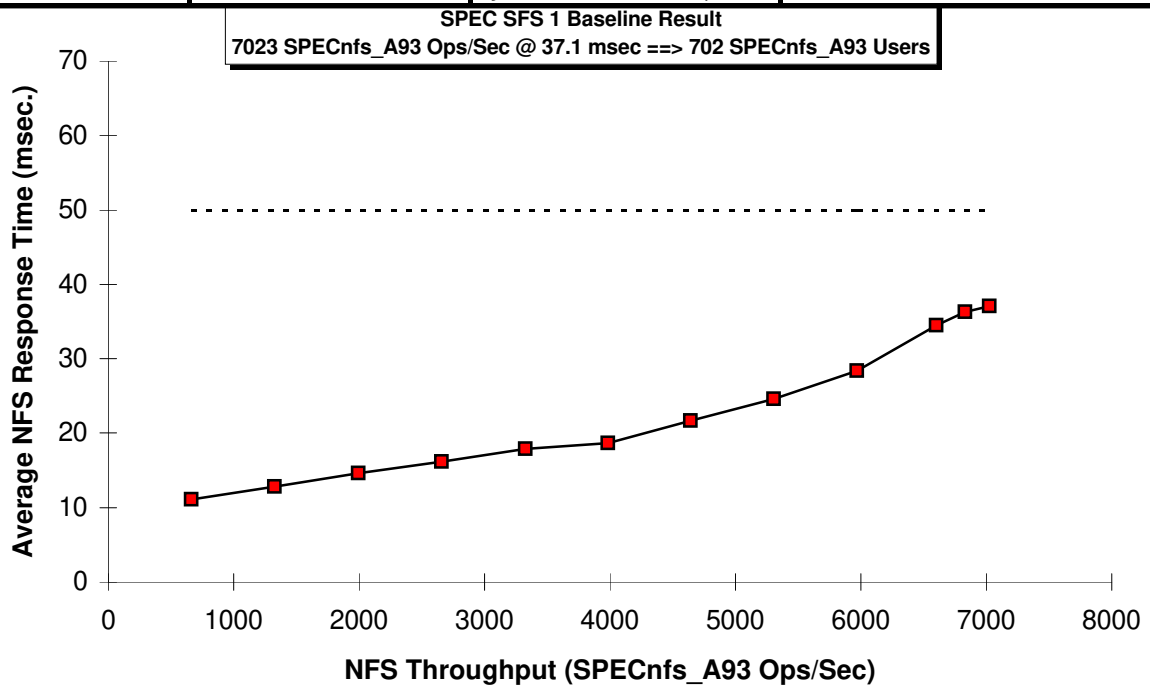
(Also see Notes/Tuning below)

Buffer Cache Size	Dynamic
Num NFS Daemons	240
Fileset Size	39GB

Load Generators (LGs)

Number of Load Generators:	12
Processes Per Load Generator:	18
Biod_Max_Reads:	2
Biod_Max_Writes:	2

Hardware Availability:	Dec-94			**Software Availability:**	Dec-94		
License #:	4	**Tested:**	Nov-94	**By:**	Silicon Graphics	**Of:**	Mountain View, CA



Notes/Summary Of Tuning Parameters: (Continued on Side 2 of 2)

syssegsz = 35000
ncsize = 60000
maxphyscolors = 32
vnode_free_ratio = 24

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Detailed Server Description

Network Subsystem

VME 1:
FDDI controller 1: 2 LG1, 1 LG2
FDDI controller 2:
Crescendo 1000 Concentrator: 2 LG1, 1 LG2

Disk Subsystem & Filesystems

Controller 1: SCSI Fast/Wide Diff
Disks: 1 SCSI 2GB
Contents: OS, swap space