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

Silicon Graphics

Origin 200 1 x 180 MHz 1GB

Server Hardware

CPU, Memory, & Power

Model No.	L1-S6301-1
CPU	180 MHz R10000
# of CPUs	1
Primary Cache	32KBI+32KBD on chip
Secondary Cache	1MB(I+D) off chip
Other Cache	None
Memory	1024MB
UPS	None
Other hardware	100baseT Full Duplex

Server Software

OS Version	IRIX 6.4 S2MP+OCTANE
Other software	NFS, Patches 1904, 1944, 1950
File system	XFS

Load Generators (LGs)

Number of Load Generators:	1
Processes Per Load Generator:	29
Biod_Max_Reads:	2
Biod_Max_Writes:	5

Disk Subsystem & Filesystems

(Full Configuration on Side 2)

Num Disk Controllers	4
Num Disks	30
Num File Systems	29

Network Subsystem

(Full Configuration On Side 2)

Num Net Controllers	1
Num Networks	1 (N1)
Type Network	100baseT Full Duplex

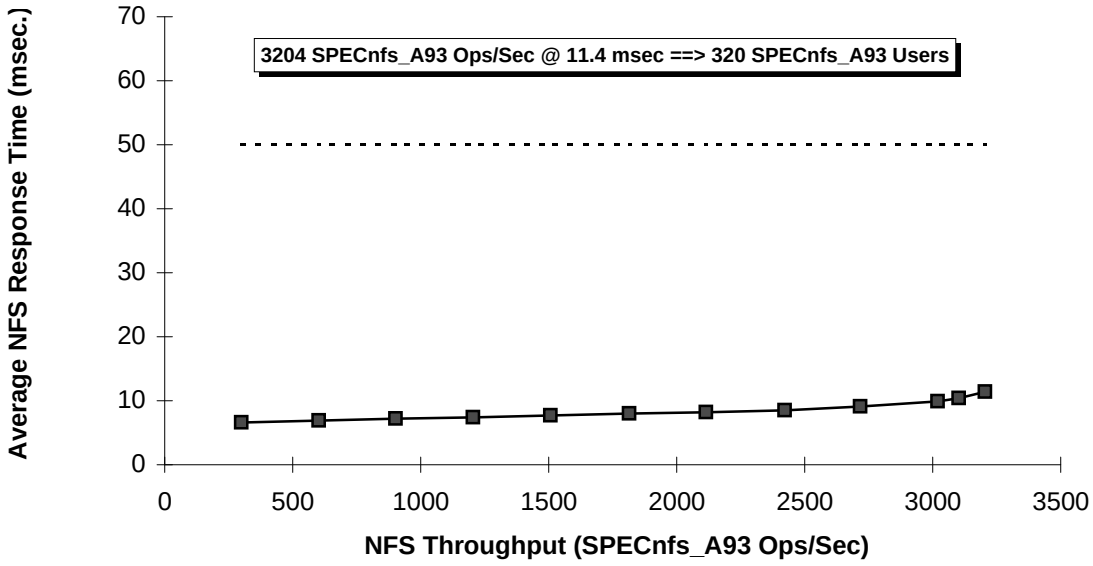
Server Tuning

(Also see Notes/Tuning below)

Buffer Cache Size	Dynamic
Num NFS Daemons	29
Fileset Size	18GB

NFS Throughput SPECnfs_A93 Ops/Sec	Avg. Response Time (NFS) Milliseconds
301	6.6
602	6.9
903	7.2
1205	7.4
1507	7.7
1814	8.0
2115	8.2
2422	8.5
2718	9.1
3021	9.9
3103	10.4
3204	11.4

Hardware Availability:	Dec-96			**Software Availability:**	Apr-97		
License #:	4	**Tested:**	Mar-97	**By:**	SGI	**Of:**	Mountain View, CA



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

ncsize=30000

ef_rxdelay=100

All filesystems are mounted in wsync mode.

All filesystems are exported in wsync mode.

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

Silicon Graphics

Origin 200 1 x 180 MHz 1GB

Detailed Server Description

Network Subsystem

Base I/O 100baseT

Wired point-to-point to one load generator

Disk Subsystem & Filesystems

Controller 1: Ultra SCSI base I/O

Disks: 6 Origin 2.2GB Ultra Single Ended

Controllers 2-4: 3 x PCI-SCSI-Q-DF-1P

Disks: 24 Challenge 2GB Fast/Wide Differential

Controller 2: Contents: FS0,4,8,12,16,20,23,26

Controller 3: Contents: FS1,5,9,13,17,21,24,27

Controller 4: Contents: FS2,6,10,14,18,22,25,28

Detailed Load Generator (LG) Description

Load Gen. Type	*Model*	*# of CPUs*	*RAM*	*OS*	*Compiler*
LG1	Origin 2000 4 x 195 MHz	4	512MB	IRIX 6.4 S2MP+OCTANE, P	IRIX Pro 7.0

Testbed Configuration

Load Gen. #	*Load Gen. Type*	*Network*	*Target File Systems*	*Notes*
1	LG1	N1	FS0-28	Default

Notes/Summary Of Tuning Parameters: (Continued from Side 1 of 2)