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

Sun Microsystems Inc.
Netra NFS 2300 (RAID5)

Server Hardware

CPU, Memory, & Power

Model No.	Model 2300
CPU	296MHZ UltraSPARC-II
# of CPUs	2
Primary Cache	16KBI+16KBD on chip
Secondary Cache	2MB(I+D) off chip
Other Cache	64MB NVRAM
Memory	1GB
UPS	None
Other hardware	Sun Network Enterprise Array

Server Software

OS Version	Netra_NFS_SmartServe_1.3
Other software	None
File system	UFS

Load Generators (LGs)

Number of Load Generators:	2
Processes Per Load Generator:	12
Biod_Max_Reads:	3
Biod_Max_Writes:	3

Disk Subsystem & Filesystems

(Full Configuration on Side 2)

Num Disk Controllers	2
Num Disks	29
Num File Systems	4

Network Subsystem

(Full Configuration On Side 2)

Num Net Controllers	1
Num Networks	1
Type Network	100MBit FastEthernet

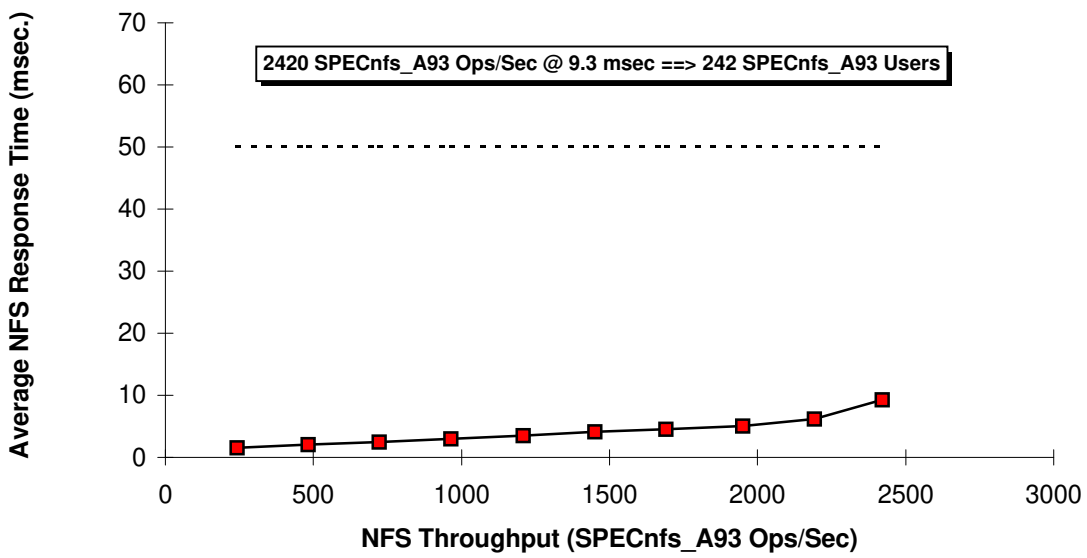
Server Tuning

(Also see Notes/Tuning below)

Buffer Cache Size	Dynamic
Num NFS Daemons	96
Fileset Size	13GB

NFS Throughput SPECnfs_A93 Ops/Sec	Avg. Response Time (NFS) Milliseconds
241	1.5
483	2.1
722	2.5
963	3.0
1208	3.5
1450	4.1
1691	4.5
1949	5.1
2192	6.2
2420	9.3

Hardware Availability:	Jun-98		**Software Availability:**	Jun-98	
License #:	6	**Tested:** Apr-98	**By:** Sun	**Of:**	Menlo Park



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

maxdcg=0x186A0

This is the maximum dirty cylinder groups that are allowed before cylinder group flushing starts

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

Sun Microsystems Inc.
Netra NFS 2300 (RAID5)

Detailed Server Description

Network Subsystem

1 Sun FastEthernet (N1): 2 LGs

Disk Subsystem & Filesystems

Controller 1: On-Board SCSI-2
Disks: 1 2.1GB 7200rpm
Contents: OS, swap
Controller 2: SBus FC-100 Host Adpater
Contents: F1-F4 (RAID5: 28 Data Disks)

Detailed Load Generator (LG) Description

Load Gen. Type	*Model*	*# of CPUs*	*RAM*	*OS*	*Compiler*
	Ultra 2200	2	128MB	Solaris 2.5.1	SC 3.0

Testbed Configuration

Load Gen. #	*Load Gen. Type*	*Network*	*Target File Systems*	*Notes*
1	LG1	N1	F1-F4	Default
2	LG1	N1	F1-F4	Default

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

yes