SPECweb96 Result

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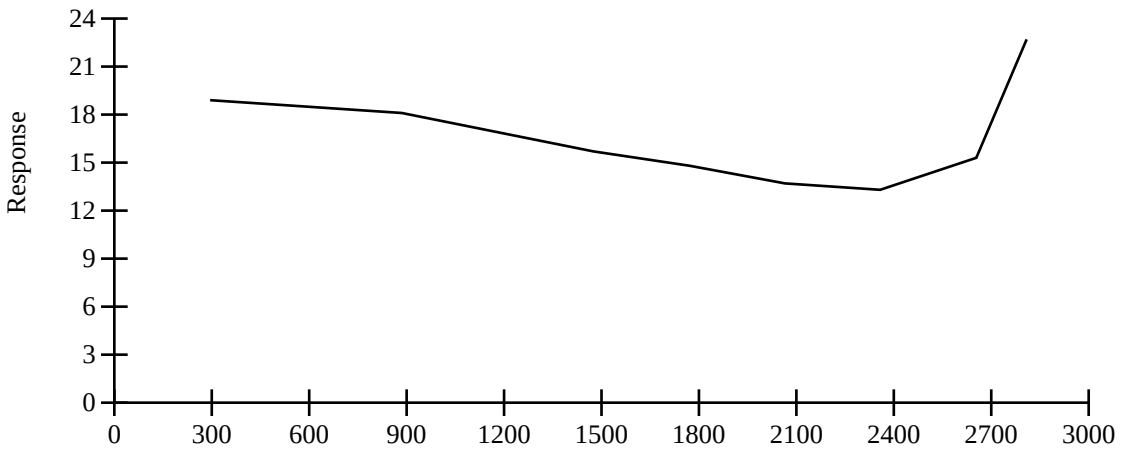
Silicon Graphics, Inc.
Origin200 270MHz

SPECweb96= 2809
Test Date : Dec-99
Tested by : SGI

Hardware Avail:	May-99	OS Avail:	Nov-99	HTTP Software Avail:	Dec-99	SPEC license #:	04

Throughput ops/sec	Response msec
295	18.9
590	18.5
885	18.1
1180	16.9
1475	15.7
1772	14.8
2065	13.7
2358	13.3
2654	15.3
2809	22.7



Hardware

Model Name:	Origin200 270MHz
Processor:	270 MHz MIPS R12000
# of Processors:	1
Primary Cache:	32KBI+32KBD
Secondary Cache:	4MB(I+D)
Other Cache:	None
Memory:	2GB
Disk Subsystem:	4GB/OS; 9GB/server log; 9GB/HTTP doc
Disk Controllers:	1 Internal SCSI
Other Hardware:	none

Software

Operating System:	IRIX 6.5.6
File System:	XFS
Other Software:	--

HTTP Software

Vendor:	Apache Software Foundation
HTTP Software:	Apache/1.3.9 + SGI patches
# of "threads":	8
Server Cache:	See Notes
Log Mode:	Common

Network

# of Controllers:	1
Network Controllers:	SGI PCI Gigabit Ethernet
# of Nets:	1
Type of Nets:	Gigabit Jumbo Frame
Network Speed:	1000Mb/s
Time Wait (secs):	60 (Non RFC1122)

Load Generators

# of Load Generators:	4
# of Processes Each:	16
Model:	Origin200
Processor:	180 MHz MIPS R10000
# of CPUs:	2
Memory:	256 MB
OS:	IRIX 6.5.6
Compiler:	MIPSpro 7.2.1

Benchmark Configuration

Max Requested Load:	2950
Max Fileset Size (MB):	1186

Notes/Tuning Information

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9000 byte MTU; one Extreme Networks Summit7i switch.
HTTP server configuration:
IRIX64 rule and mmap_static module enabled, SPEED_DAEMON, LOG_BUFSIZE=65500,
MMAP_SEGMENT_SIZE=1048576, QSC_HASH_SIZE=32768, QSC_MAX_SIZE=32000000,
MinSpareServers/MaxSpareServers/StartServers/MaxClients 8, SingleListen on,
Listen for the single network, ListenBacklog 1000,
QSC on, MaxRequestsPerChild 0, mmapfile all files.

SGI's Apache patches are available from the Accelerating Apache Project
area of SGI's Open Source web site:  http://oss.sgi.com/projects/apache.
Support is available from apache@oss.sgi.com.
mmap_async_write=1, tcp_sendspace=66560, tcp_recvspace=32768,
eg_send_coal_bd=64, eg_send_coal_ticks=1000,
eg_recv_coal_bd=64, eg_recv_coal_ticks=10000.
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