SPECweb96 Result

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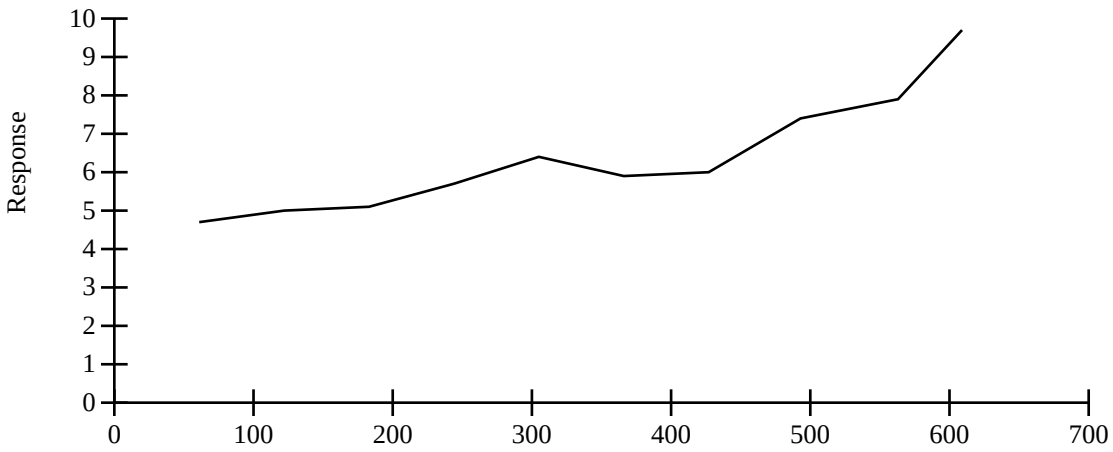
Sun MicroSystems
UltraSPARC 2 Model 2200

SPECweb96= 609

Test Date : June-97
Tested by : Sun Microsystems

Hardware Avail:	Nov-96	OS Avail:	Aug-97	HTTP Software Avail:	Jun-97	SPEC license #:	6

Throughput ops/sec	Response msec
61	4.7
122	5.0
183	5.1
244	5.7
305	6.4
366	5.9
427	6.0
493	7.4
563	7.9
609	9.7



Hardware

Model Name:	UltraSPARC 2 Model 2200
Processor:	200MHz UltraSPARC
# of Processors:	2
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	1MB(I+D) off chip
Other Cache:	--
Memory:	1GB
Disk Subsystem:	See Notes
Disk Controllers:	fiber optic channel
Other Hardware:	SPARCstorage Array 102

Software

Operating System:	Solaris 2.6
File System:	UFS
Other Software:	Solstice Disksuite 4.1; SunSoft JIT 1.0b (6/2/97)

HTTP Software

Vendor:	Sun Microsystems
HTTP Software:	Java Web Server 1.0
# of "threads":	4
Server Cache:	350 MB
Log Mode:	common

Network

# of Controllers:	3
Network Controllers:	Sun FastEthernet
# of Nets:	3
Type of Nets:	FastEthernet
Network Speed:	100Mbit/sec
Time Wait (secs):	60 (Non RFC1122)

Load Generators

# of Load Generators:	3
# of Processes Each:	2
Model:	Ultra 1200
Processor:	200MHz UltraSPARC
# of CPUs:	1
Memory:	128MB
OS:	Solaris 2.6
Compiler:	SunPro C 4.0

Benchmark Configuration

Max Requested Load:	610
Max Fileset Size (MB):	541

Notes/Tuning Information

```
1 client per net
Disk: SSA fast_write enabled;
6 2GB striped for webserver+logs+fileset; 2.1GB for OS
HTTP Server: server.security=false,keepalive.count=0,enable.acls=false,
enable.virtualHosts=false,service.backlog=1024,log.time=GMT,
log.access.rolling_logfile.rollover=1024000000,log.access.rolling_logfile.buff=200000;
Virtual Machine: 600 MB heap size,native threads
rlim_fd_max=4096;sq_max_size=1024;tcp_conn_hash_size=262144;tcp_smallest_anon_port=2048
```

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