SPECweb96 Result

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Sun Microsystems UltraAX-250

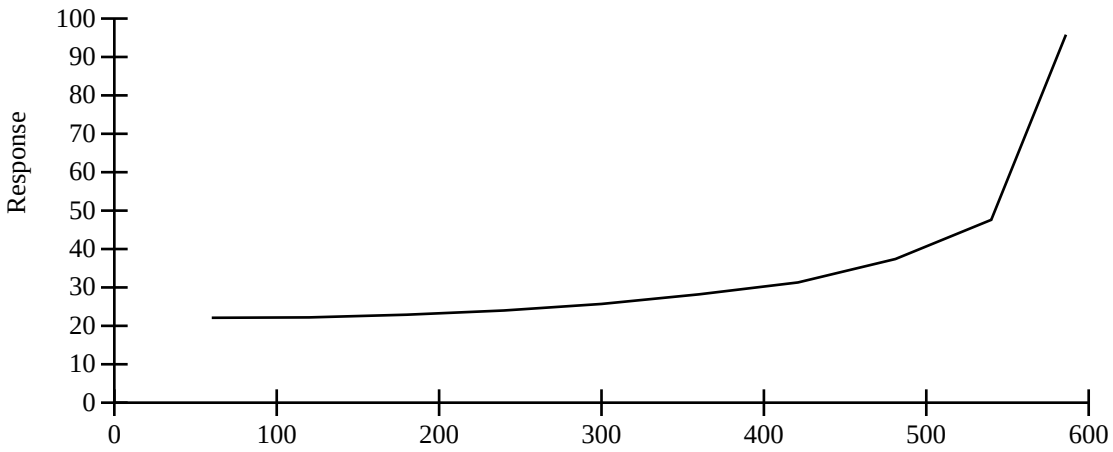
SPECweb96= 586

Test Date : Nov-96

Tested by : Sun Microsystems

Hardware Avail:	Jan-97	OS Avail:	Nov-96	HTTP Software Avail:	Feb-97	SPEC license #:	6

Throughput ops/sec	Response msec
60	22.1
120	22.2
180	22.9
240	24.0
300	25.7
360	28.2
421	31.3
481	37.4
540	47.6
586	95.8



Hardware

Model Name:	UltraAX-250
Processor:	250MHz UltraSPARC II
# of Processors:	1
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	1MB(I+D) off chip
Other Cache:	None
Memory:	512MB
Disk Subsystem:	3.5GB EIDE, Quantum 3200AT TM32A011
Disk Controllers:	EIDE
Other Hardware:	See notes

Software

Operating System:	Solaris 2.5.1+ISS
File System:	UFS
Other Software:	None

HTTP Software

Vendor:	SunSoft
HTTP Software:	Sun WebServer 1.0
# of "threads":	148
Server Cache:	440MB
Log Mode:	Common

Network

# of Controllers:	1
Network Controllers:	Sun Fast Ethernet (hme)
# of Nets:	1
Type of Nets:	100BaseT
Network Speed:	100Mbps
Time Wait (secs):	240

Load Generators

# of Load Generators:	2
# of Processes Each:	32
Model:	Ultra 2/2170
Processor:	167MHz UltraSPARC
# of CPUs:	2
Memory:	128MB
OS:	Solaris 2.5.1 ISS
Compiler:	Sun SC4.2

Benchmark Configuration

Max Requested Load:	600
Max Fileset Size (MB):	537

Notes/Tuning Information

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Bay Networks 28115ADV switch with all ports configured for 100 Mb/s Half-Duplex operation
hphphpninode 16000, dbc_max_pct 5
OS Tuning:
bufhwm=5000, maxusers=300, maxpgio=240, fastscan=16000, slowscan=100
lotsfree=1024, desfree=512, minfree=128, autoup=240, lomemmpages=0x78
tcp_conn_req_max=1024, tcp_conn_hash_size=1048576
Web Server Tuning:
mmap_cutoff_size 16, cache_small_file 440, cache_large_file 440
cache_max_entry_size 2
Bay Networks System 5000, with Model 58000 10/100TX Ethernet card
Chassis: Chenming Mold Industrial Corp., Model # ATX601B
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For More Information contact

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