SPECweb96 Result

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Digital Equipment Corp.
Alphaserver 4100 5/466

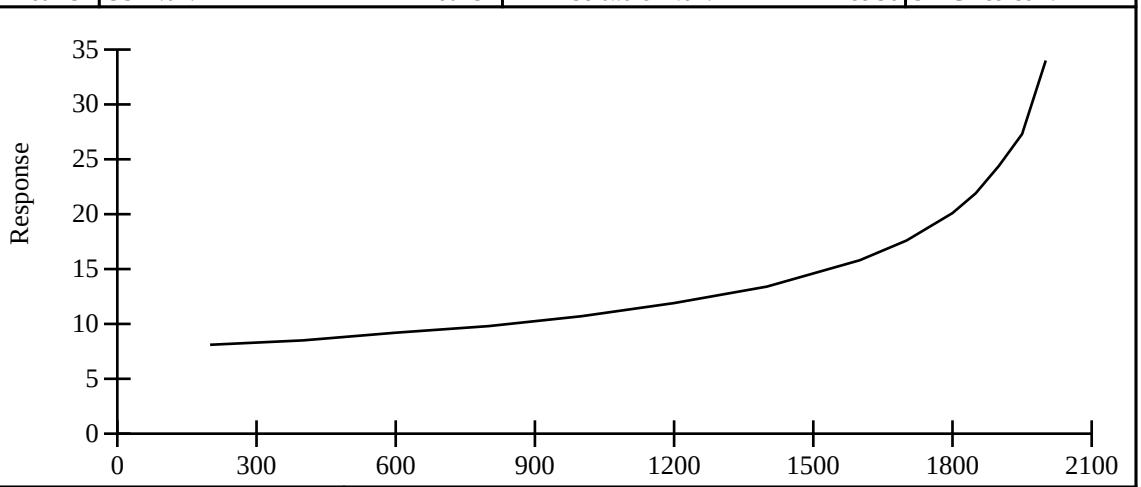
SPECweb96= 2001

Test Date : Feb-97

Tested by : Digital Nashua

Hardware Avail:	Jan-97	OS Avail:	Jul-97	HTTP Software Avail:	Dec-96	SPEC license #:	2

Throughput ops/sec	Response msec
200	8.1
400	8.5
600	9.2
800	9.8
1000	10.7
1200	11.9
1400	13.4
1600	15.8
1701	17.6
1800	20.1
1850	21.9
1900	24.4
1950	27.3
2001	34.0



Hardware

Model Name:	Alphaserver 4100 5/466
Processor:	466Mhz 21164
# of Processors:	4
Primary Cache:	8KB(I)+8KB(D) on chip
Secondary Cache:	96KB
Other Cache:	4MB
Memory:	2GB
Disk Subsystem:	3 rz29B drives
Disk Controllers:	Integral FW SCSI
Other Hardware:	None

Software

Operating System:	Digital UNIX 4.0D-5 (Rev 675)
File System:	UFS
Other Software:	None

HTTP Software

Vendor:	Zeus
HTTP Software:	Zeus 1.1.7
# of "threads":	2
Server Cache:	Default
Log Mode:	common

Network

# of Controllers:	4
Network Controllers:	DEFPA-AA
# of Nets:	4
Type of Nets:	FDDI
Network Speed:	100Mbit
Time Wait (secs):	60 (Non RFC1122)

Load Generators

# of Load Generators:	4
# of Processes Each:	18
Model:	AlphaServer 4100 5/400
Processor:	400Mhz
# of CPUs:	4
Memory:	256MB
OS:	Digital UNIX X4.0D-4 (Rev. 667)
Compiler:	DEC C V5.2-023

Benchmark Configuration

Max Requested Load:	2000
Max Fileset Size (MB):	976

Notes/Tuning Information

```
Webserver sysconfigtab tuning:
proc: max-proc-per-user=1024, maxusers=2048,max-threads-per-user=2048
"socket: sominconn=32765, somaxconn=327675
inet: tcbhashsize=16384
vm: private-text= 1, vm-mapentries=20000, vm-vpagemax=131072
vm-maxvas = 0x40000000000
Load Generator sysconfigtab tuning:
proc: max-proc-per-user=1024,maxusers=1024
socket: sominconn=32765,somaxconn=32765   inet: tcbhashsize=16384
Zeus on pset cpu 1-2
```

For More Information contact

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