SPECweb96 Result

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Digital Equipment Corp.
Alphaserver 4100 5/533

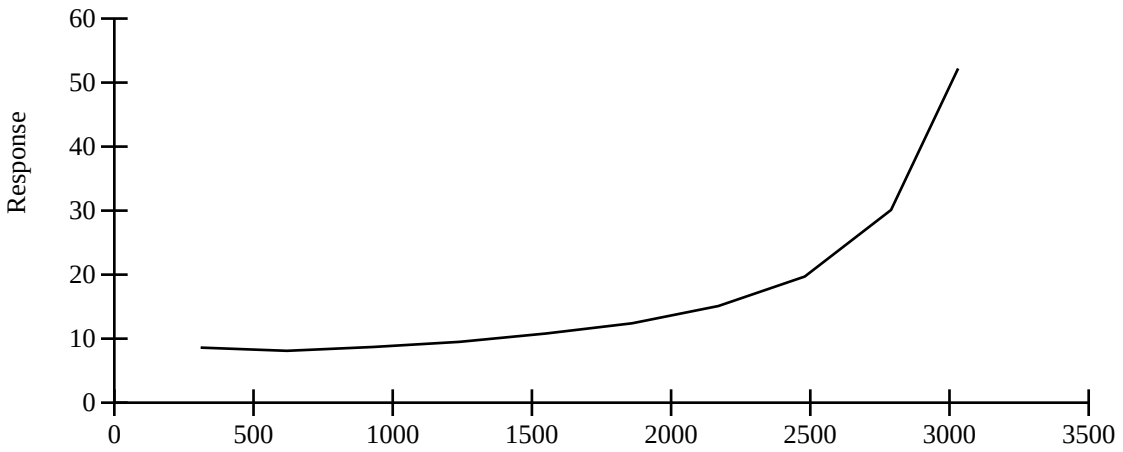
SPECweb96= 3031

Test Date : Oct-97

Tested by : Digital Nashua

Hardware Avail:	Oct-97	OS Avail:	Dec-97	HTTP Software Avail:	Sep-97	SPEC license #:	2

Throughput ops/sec	Response msec
310	8.6
620	8.1
930	8.7
1240	9.5
1550	10.8
1860	12.4
2170	15.1
2480	19.7
2790	30.1
3031	52.2



Hardware

Model Name:	Alphaserver 4100 5/533
Processor:	533Mhz 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:	1 DECconcentrator 500

Software

Operating System:	Digital UNIX X4.0D-12 (Rev. 843)
File System:	UFS
Other Software:	none

HTTP Software

Vendor:	Zeus
HTTP Software:	Zeus 1.2.7
# of "threads":	2
Server Cache:	Default
Log Mode:	common

Network

# of Controllers:	5
Network Controllers:	DEFPA-AB
# of Nets:	5
Type of Nets:	FDDI
Network Speed:	100Mbit
Time Wait (secs):	60 (Non RFC1122)

Load Generators

# of Load Generators:	5
# of Processes Each:	32
Model:	AlphaServer 4100 5/400
Processor:	400Mhz
# of CPUs:	4
Memory:	256MB
OS:	Digital UNIX T4.0D-3 (Rev. 778.1)
Compiler:	DEC C V5.6-066

Benchmark Configuration

Max Requested Load:	3100
Max Fileset Size (MB):	1215

Notes/Tuning Information

```
MTU: 4352
Load Generator sysconfigtab tuning:
proc: max-proc-per-user=1024,maxusers=1024
socket: sominconn=32765,somaxconn=32765   inet: tcbhashsize=16384
Zeus on pset cpus 2-3
Webserver sysconfigtab tuning:
proc: max-proc-per-user=1024, maxusers, max-threads-per-user = 2048
per-proc-data-size, max-per-proc-data-size, max-per-proc-address-space, per-proc-address-space = 0x40000000000
socket: sominconn, somaxconn = 327675  map_wireubc=2, tssmap_quicksum=1, tss_disable=1, tssmap_max_pages=0x20000
inet: tcbhashsize=65536, tcbquicklisten=1, tcptwreorder=0
net: netisrwakeupthreshold=128
vm: private-text= 1, vm-mapentries=20000, vm-vpagemax=131072,
vm-maxvas = 0x40000000000
dbx: skip_ippreprocess=1
```

For More Information contact

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