SPECweb96 Result

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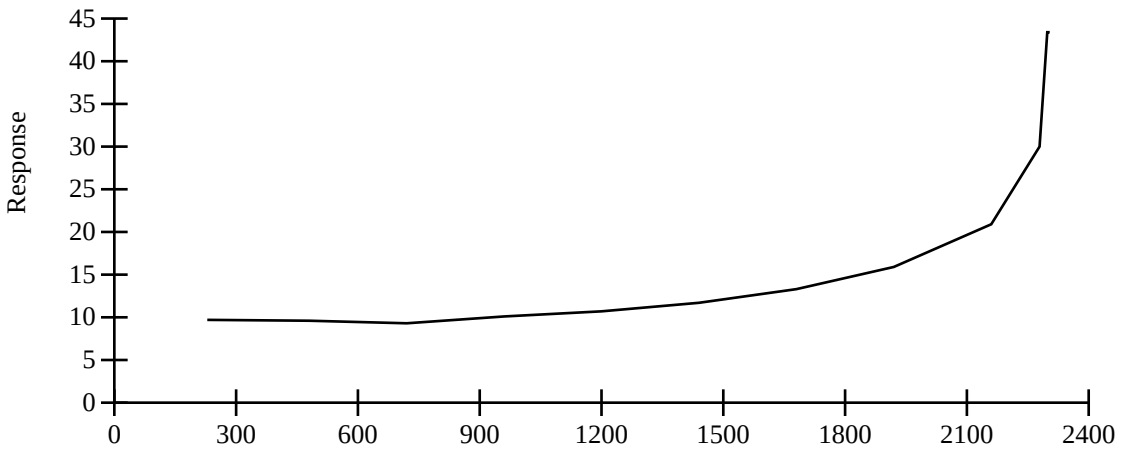
Digital Equipment Corp.
Alphaserver 4100 5/466

SPECweb96= 2304

Test Date : Mar-97
Tested by : Digital Nashua

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

Throughput ops/sec	Response msec
229	9.7
480	9.6
720	9.3
960	10.1
1200	10.7
1440	11.7
1680	13.3
1920	15.9
2160	20.9
2279	30.0
2298	43.4
2304	43.4



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:	4 rz29B drives
Disk Controllers:	Integral FW SCSI
Other Hardware:	None

Software

Operating System:	Digital UNIX 4.0D-5 (Rev 697)
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:	5
Network Controllers:	DEFPA-AA
# 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:	20
Model:	AlphaServer 4100 5/400
Processor:	400Mhz
# of CPUs:	5
Memory:	256MB
OS:	Digital UNIX X4.0D-4 (Rev. 667)
Compiler:	DEC C V5.2-023

Benchmark Configuration

Max Requested Load:	2400
Max Fileset Size (MB):	1074

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, tcp_cwnd_segments=2
vm: private-text=1, vm-mapentries=20000, vm-vpagemax=131072
vm-maxvas = 0x40000000000   net: netisrthreads=2, netisrfair=1
Load Generator sysconfigtab tuning:
proc: max-proc-per-user=1024,maxusers=1024
socket: sominconn=32765,somaxconn=32765   inet: tcbhashsize=16384
Zeus tuning: ./zeus -b 1048576 -t 15000 -q
Disks: 1
```

For More Information contact

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