SPECweb96 Result

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Hewlett-Packard
HP 9000 Model R390

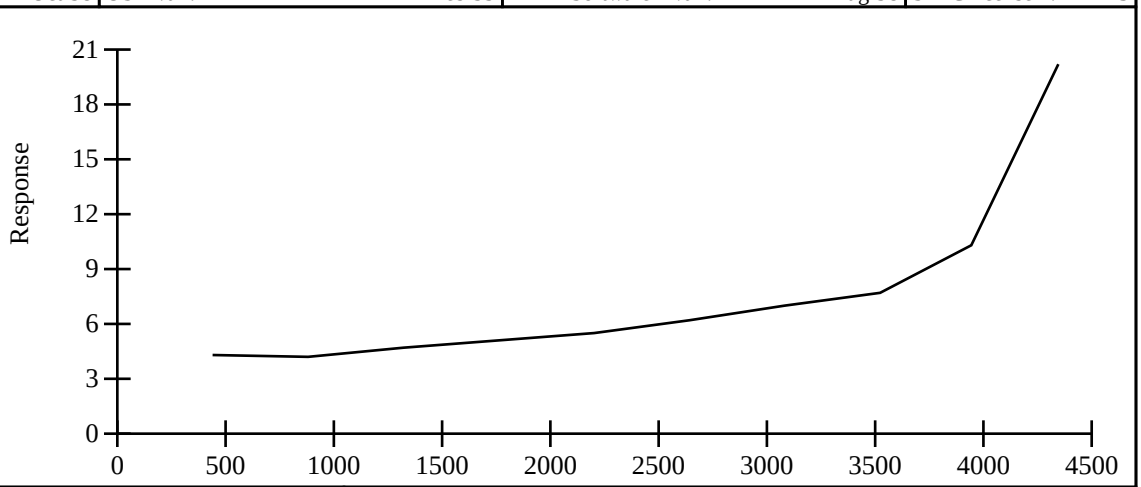
SPECweb96= 4346

Test Date : Aug-98

Tested by : HP Cupertino, Ca.

Hardware Avail:	Oct-98	OS Avail:	Feb-99	HTTP Software Avail:	Aug-98	SPEC license #:	3

Throughput ops/sec	Response msec
440	4.3
881	4.2
1321	4.7
1761	5.1
2202	5.5
2642	6.2
3082	7.0
3523	7.7
3944	10.3
4346	20.2



Hardware

Model Name:	HP 9000 Model R390
Processor:	240MHz PA-RISC 8200
# of Processors:	2
Primary Cache:	2MBI+2MBD off chip
Secondary Cache:	None
Other Cache:	None
Memory:	3GB
Disk Subsystem:	2 ST34573N
Disk Controllers:	2 F/W SCSI Controllers
Other Hardware:	None

Software

Operating System:	HP-UX 11.0 64-bit EP9812 + PHNE_TCPIP
File System:	HFS
Other Software:	J2806CA ATM/155-622 Link 6.0

HTTP Software

Vendor:	Zeus Technology Limited
HTTP Software:	Zeus 1.3.3
# of "threads":	2
Server Cache:	See Notes
Log Mode:	Common Log Format

Network

# of Controllers:	2
Network Controllers:	HP J3573A opt 001, ATM 622 Mbps
# of Nets:	2
Type of Nets:	ATM HP-HSC
Network Speed:	622 Mbps
Time Wait (secs):	240

Load Generators

# of Load Generators:	16
# of Processes Each:	9
Model:	HP 9000/B180L
Processor:	180Mhz PA7300LC
# of CPUs:	1
Memory:	128MByte
OS:	HPUX 11.0 32-bit
Compiler:	HP92453-01 A.10.32.03 HP C Compiler

Benchmark Configuration

Max Requested Load:	4400
Max Fileset Size (MB):	1450

Notes/Tuning Information

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Used 2 ASX-200BX FORE ATM switches
16 ATM-155 LINKs from the LGs, 2 ATM-622 to the SUT; MTU size=9180 bytes
Zeus options:
 -t 10,800 : Set cache timeout to 10,800 seconds
 -l    200 : Set listen queue length
 -f 16,384 : Set maximum number of file descriptors
 -q        : Set quick mode
chatr +pi L on zeus executable to set large page size
ndd -set /dev/tcp tcp_conn_request_max 1024
ndd -set /dev/tcp tcp_xmit_hiwater_def 1048576
ndd -set /dev/tcp tcp_conn_strategy 1
Each Zeus thread bound to unique IP address & processor
alxtune [card] set non_dist_int on
```

For More Information contact

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