SPECweb96 Result

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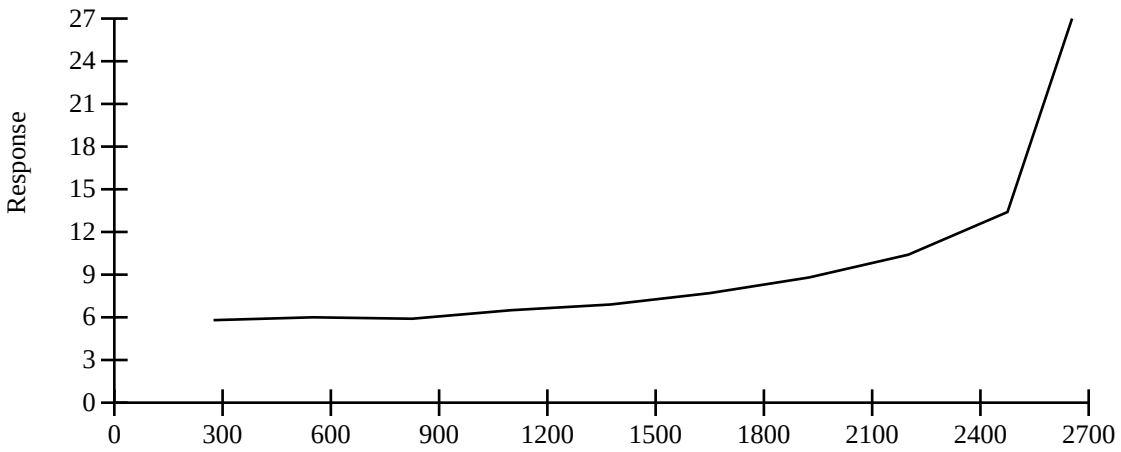
IBM RS/6000 43P-260

SPECweb96= 2654

Test Date : Oct-98
Tested by : IBM Austin

Hardware Avail:	Oct-98	OS Avail:	Feb-99	HTTP Software Avail:	Oct-98	SPEC license #:	11

Throughput ops/sec	Response msec
275	5.8
550	6.0
825	5.9
1100	6.5
1375	6.9
1650	7.7
1925	8.8
2200	10.4
2475	13.4
2654	27.0



Hardware

Model Name:	RS/6000 43P-260
Processor:	200 MHz Power-3 630
# of Processors:	2
Primary Cache:	32KBI+64KBD on chip
Secondary Cache:	4MB(I+D) off chip
Other Cache:	None
Memory:	4096MB
Disk Subsystem:	3 9.1GB 16 Bits SCSI Disk Drive
Disk Controllers:	Wide/Fast-20 SCSI I/O Controller
Other Hardware:	ForeRunner LE 155 ATM Switch

Software

Operating System:	AIX 4.3.2
File System:	JFS
Other Software:	None

HTTP Software

Vendor:	Zeus Technology Ltd
HTTP Software:	Zeus 1.3.3
# of "threads":	3
Server Cache:	See Below
Log Mode:	Common Log Format

Network

# of Controllers:	3
Network Controllers:	IBM PCI 155 Mbps ATM Adapter
# of Nets:	3
Type of Nets:	ATM
Network Speed:	155 Mb/sec
Time Wait (secs):	60 (Non RFC1122)

Load Generators

# of Load Generators:	6
# of Processes Each:	12
Model:	RS/6000 7043-240
Processor:	233 MHz PwrPC 604e
# of CPUs:	2
Memory:	256MB
OS:	AIX 4.3.2
Compiler:	IBM Cset++ Version 3.1.3

Benchmark Configuration

Max Requested Load:	2750
Max Fileset Size (MB):	1147

Notes/Tuning Information

```
ATM MTU=9180
2 clients per network
zeus: -b 1048576 -t 15000 -q -n -m 1 -f 13999 -fb 307200 -fm 4096
server no (network option) tuning:
sb_max=262144, somaxconn=8192, send_file_duration=18000, nbc_limit=720896, nbc_max_cache=720896,
tcp_sendspace=65536, tcp_recvspace=65536, tcp_timewait=5
3 instances of zeus processes each with different server.ini files which bind to a specific IP-address
client no (network option) tuning:
tcp_sendspace=65536, tcp_recvspace=65536, delayack=3, delayackports={80}
APAR IX83061 - AIX networking SMP scaling enhancement
```

For More Information contact

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