SPECweb96 Result

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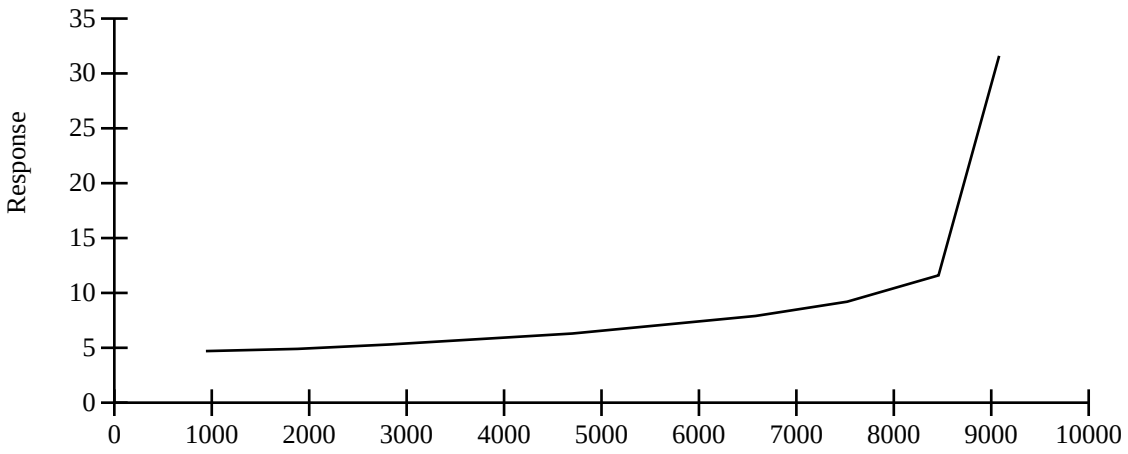
IBM
RS/6000 Model S70 RS64-2

SPECweb96= 9081

Test Date : July-98
Tested by : IBM Austin

Hardware Avail:	Aug-98	OS Avail:	Nov-98	HTTP Software Avail:	Oct-97	SPEC license #:	11

Throughput ops/sec	Response msec
940	4.7
1880	4.9
2820	5.3
3760	5.8
4700	6.3
5641	7.1
6581	7.9
7521	9.2
8459	11.6
9081	31.6



A line in your configuration is too long
or you have too many lines.
Please fix the problem and try again

Network

# of Controllers:	12
Network Controllers:	IBM PCI 155 Mbps ATM Adapter
# of Nets:	12
Type of Nets:	ATM
Network Speed:	155 Mb/sec
Time Wait (secs):	60 (Non RFC1122)

Load Generators

# of Load Generators:	24
# of Processes Each:	12
Model:	22 RS/6000 7043-240, 2 RS/6000 7025-F40
Processor:	233 MHz PwrPC 604e
# of CPUs:	2
Memory:	256MB
OS:	AIX 4.3.1
Compiler:	IBM Cset++ Version 3.1.3

Benchmark Configuration

Max Requested Load:	9400
Max Fileset Size (MB):	2118

Notes/Tuning Information

```
ATM MTU=9180
2 clients per network
no (network option) tuning:
no -o sb_max=262144 (max buffer size allowed for a socket, default=65536)
no -o somaxconn=8192 (max listen backlog, default=1024)
no -o tcp_sendspace=65536 (default socket send buffer size, default=16384)
no -o tcp_recvspace=65536 (default socket receive buffer size, default=16384)
no -o tcp_timewait=5 (ensure that TIME_WAIT is at least 60 seconds, default=1)
chdev -l sys0 -a SW_dist_intr=true (enable SW distribution of interrupts)
12 instances of zeus processes each with different server.ini files which bind to a specific IP-address
APAR IX79392 - TCP/IP Performance Enhancement:
1. Reduce lock contention on various locks for SMP
2. Reduce packets for connection setup and tear down
3. TCP checksum offload
```

For More Information contact

SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 22110

(703) 331-0180
info@specbench.org
http://www.specbench.org/