SPECweb96 Result

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IBM RS/6000 43P-140

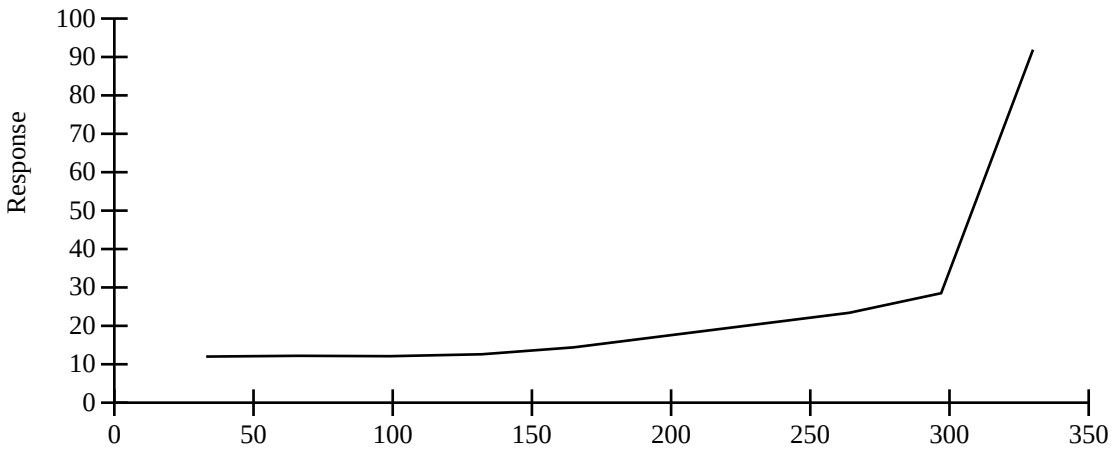
SPECweb96= 330

Test Date : Nov-96

Tested by : IBM Austin, TX

Hardware Avail:	Nov-96	OS Avail:	Nov-96	HTTP Software Avail:	Nov-96	SPEC license #:	11

Throughput ops/sec	Response msec
33	12.0
66	12.2
99	12.1
132	12.6
165	14.4
198	17.4
231	20.4
264	23.4
297	28.5
330	91.9



Hardware

Model Name:	RS/6000 43P-140
Processor:	200 Mhz PowerPC 604e
# of Processors:	1
Primary Cache:	32KBI+32KBD on chip
Secondary Cache:	1MB(I+D) L2 cache card
Other Cache:	None
Memory:	448MB
Disk Subsystem:	2 2.1GB SCSI Disk Drives
Disk Controllers:	Wide SCSI I/O Controller
Other Hardware:	None

Software

Operating System:	AIX 4.1.5
File System:	JFS
Other Software:	None

HTTP Software

Vendor:	Netscape Communications
HTTP Software:	Enterprise 2.01
# of "threads":	16
Server Cache:	See notes
Log Mode:	Common Log Format

Network

# of Controllers:	1
Network Controllers:	SK-NET FDDI-FP Adapter
# of Nets:	1
Type of Nets:	FDDI
Network Speed:	100 Mbit/sec
Time Wait (secs):	120 (Non RFC1122)

Load Generators

# of Load Generators:	5
# of Processes Each:	8
Model:	3 RS/6000-43P and 2 RS/6000-F30
Processor:	133 Mhz PowerPC 604
# of CPUs:	1
Memory:	64MB - 96MB
OS:	AIX 4.1.4 and AIX 4.2
Compiler:	IBM Cset++ Version 3.1.3

Benchmark Configuration

Max Requested Load:	330
Max Fileset Size (MB):	400

Notes/Tuning Information

```
no (network option) tuning:
  no -o thewall=32768
  no -o sb_max=524288
  no -o somaxconn=8192
  no -o tcp_sendspace=262144
  no -o tcp_recvspace=262144
  no -o ipqmaxlen=1000
chdev -l fddi0 -a tx_queue_size=250
In http server magnus.conf
  MaxProcs=1, MinThreads=1, MaxThreads=16
In http server obj.conf (for cache size)
  cache-size=2000, mmap-max=131072, max-file=922000, max-files=3000
```

For More Information contact

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