# SPECweb96 Result

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# Compaq ProLiant 800

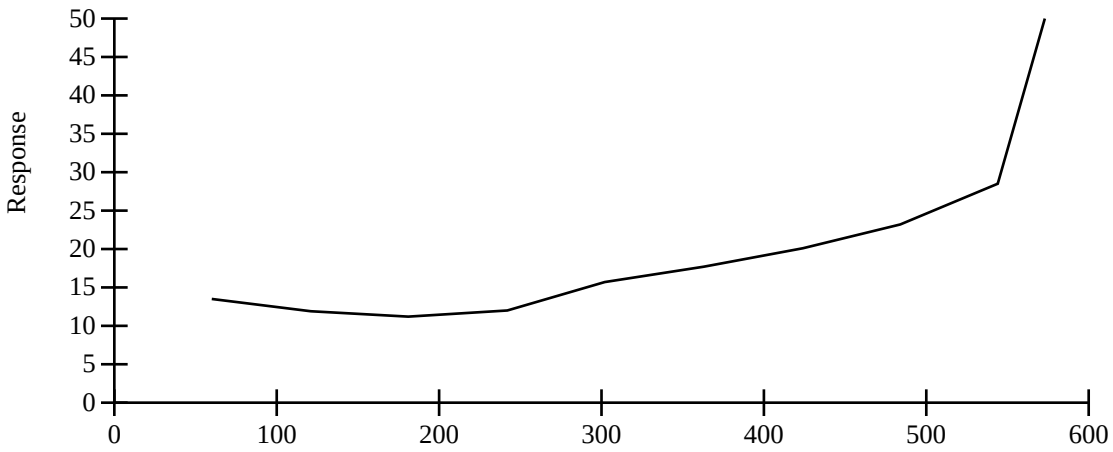
SPECweb96= 573

Test Date : Jun-97

Tested by : Mindcraft, Inc.

| Hardware Avail: | Feb-97 | OS Avail: | Jun-97 | HTTP Software Avail: | Dec-96 | SPEC license #: | 10 |
|---|---|---|---|---|---|---|---|

| Throughput ops/sec | Response msec |
|---|---|
| 60 | 13.5 |
| 121 | 11.9 |
| 181 | 11.2 |
| 242 | 12.0 |
| 302 | 15.7 |
| 363 | 17.7 |
| 424 | 20.1 |
| 484 | 23.2 |
| 544 | 28.5 |
| 573 | 50.0 |




## Hardware

| | |
|---|---|
| Model Name: | ProLiant 800 |
| Processor: | 200 MHz Pentium Pro |
| # of Processors: | 1 |
| Primary Cache: | 8 KB I + 8 KB D |
| Secondary Cache: | 256 KB (I+D) |
| Other Cache: | None |
| Memory: | 512MB EDO |
| Disk Subsystem: | -- |
| Disk Controllers: | Compaq SMART-2 SCSI Array Controller |
| Other Hardware: | None |

## Software

| | |
|---|---|
| Operating System: | Windows NT Server 4.0 |
| File System: | NTFS |
| Other Software: | -- |

## HTTP Software

| | |
|---|---|
| Vendor: | Microsoft |
| HTTP Software: | Internet Information Server 3 |
| # of "threads": | 1 |
| Server Cache: | default |
| Log Mode: | standard |

## Network

| | |
|---|---|
| # of Controllers: | 2 |
| Network Controllers: | DEC DEFPA-UA FDDIcontroller/PCI Adapter |
| # of Nets: | 2 |
| Type of Nets: | FDDI over UTP |
| Network Speed: | 100 Mbps |
| Time Wait (secs): | 60 (Non RFC1122) |

## Load Generators

| | |
|---|---|
| # of Load Generators: | 6 |
| # of Processes Each: | 5 |
| Model: | HD Victoria |
| Processor: | 200 MHz Pentium Pro |
| # of CPUs: | 1 |
| Memory: | 64 MB EDO per HD Victoria |
| OS: | Windows NT Server 4.0 w/SP3 and post-SP3 hotfix tcpip |
| Compiler: | Microsoft Visual C++ 4.2 |

## Benchmark Configuration

| | |
|---|---|
| Max Requested Load: | 605 |
| Max Fileset Size (MB): | 537 |

## Notes/Tuning Information

```
two nets at half duplex.
three clients per net.
Seven 2.1 GB Fast/Wide SCSI disks in an external RAID array
Three internal 2.1 GB Fast/Wide 7200 RPM disks on a separate controller
RAID Disk Array configured as RAID 0, 1 logical drive for benchmark data, 100% read acceleration
One SCSI disk with C: partition for OS, one SCSI disk with D: partition for web server logging.
client registry entry: Tcpip/Parameters/MaxUserPort=60000
client registry entry: Tcpip/Parameters/MaxFreeTcbs=17000
client registry entry: Tcpip/Parameters/TcpTimedWaitDelay=60
Service Pack 3 from May '97 installed
tcpip.sys patch from NT hot fix after Service Pack 3.
Added registry entry: Tcpip/Parameters/TcpTimedWaitDelay=60
Added registry entry: Tcpip/Parameters/MaxFreeTcbs=40000 (default=2000)
Added registry entry: Tcpip/Parameters/MaxHashTableSize=65536 (default=512)
Added registry entry: Inetinfo/Parameters/ObjectCacheTTL=4294967295
Added registry entry: Inetinfo/Parameters/ListenBackLog=1024
Added registry entry: Inetinfo/Parameters/LogFileFlushInterval=60
NT System Properties: Application Performance set to 'No Boost'
```

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