SPECweb96 Result

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IBM Netfinity Server 5500

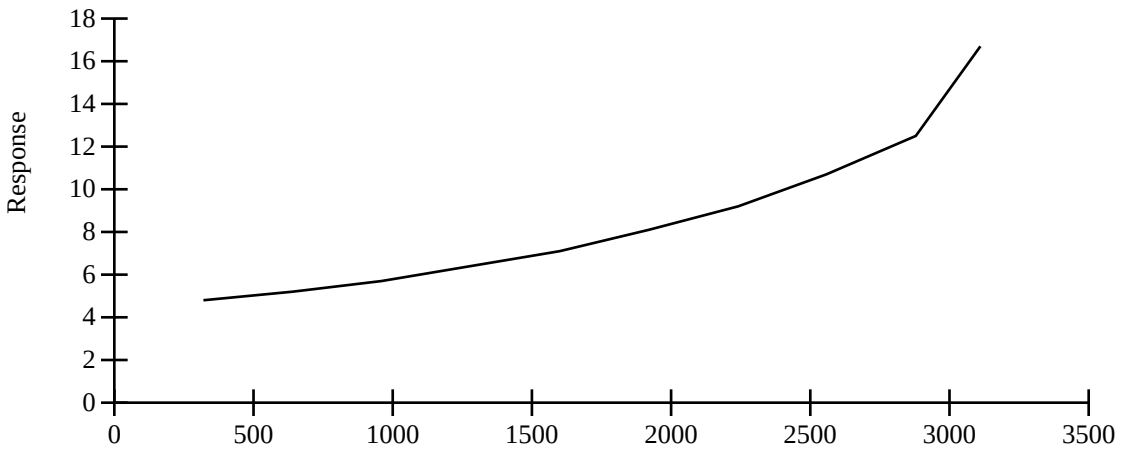
SPECweb96= 3111

Test Date : Jul-98

Tested by : IBM

Hardware Avail:	Jun-98	OS Avail:	Aug-97	HTTP Software Avail:	Dec-98	SPEC license #:	2

Throughput ops/sec	Response msec
320	4.8
640	5.2
960	5.7
1280	6.4
1600	7.1
1920	8.1
2241	9.2
2558	10.7
2879	12.5
3111	16.7



Hardware

Model Name:	Netfinity 5500
Processor:	400MHz Pentium II
# of Processors:	2
Primary Cache:	32KB
Secondary Cache:	512KB
Other Cache:	None
Memory:	1GB
Disk Subsystem:	1 4.5GB 7200RPM & 5 4.51GB 10K RPM drives
Disk Controllers:	Wide Ultra SCSI RAID (PCI on-planar)
Other Hardware:	None

Software

Operating System:	Windows NT Server 4.0
File System:	NTFS
Other Software:	None

HTTP Software

Vendor:	Apache & IBM
HTTP Software:	Apache 1.3.1 and IBM AFPA
# of "threads":	1
Server Cache:	IBM AFPA web accelerator
Log Mode:	Combined

Network

# of Controllers:	6
Network Controllers:	SysKonnect SK-NET FDDI LP-DAS
# of Nets:	6
Type of Nets:	FDDI DAS
Network Speed:	100 Mb
Time Wait (secs):	60 (Non RFC1122)

Load Generators

# of Load Generators:	18
# of Processes Each:	3
Model:	Netfinity 3500
Processor:	333MHz Pentium II
# of CPUs:	2
Memory:	64MB
OS:	Windows NT Workstation 4.0 + SP3
Compiler:	--

Benchmark Configuration

Max Requested Load:	3200
Max Fileset Size (MB):	1235

Notes/Tuning Information

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3 clients/LAN, no hubs
MTU size = 4352 bytes
Apache configured to use port 81
IBM AFPA web accelerator configured to accelerate Apache HTTP Server 1.3.1
Performance Boost for Foreground Application=NONE
Tcpip/Parameters/MaxFreeTcbs=0x30570
Tcpip/Parameters/MaxHashTableSize=0x10000
Tcpip/Parameters/TcpTimedWaitDelay=0x3c
Tcpip/Parameters/MaxUserPort=0xfffe
1-7200RPM disk for OS/pagefile, 5-10KRPM drives for log file and web pages
NDIS/Parameters/ProcessorAffinityMask=0
Network and disk interrupts affinitized to specific processors
SP3, iis4-fix hotfix, tcpip hotfix, NDIS hotfix applied
```

For More Information contact

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