

SPECweb99 Result

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IBM: Netfinity 5600
Zeus Technology: Zeus Web Server 3.3.2

SPECweb99 = 545
Test Date: Dec-1999
Tester: IBM

Hardware Avail: Nov-1999 OS Avail: Nov-1999 HTTP Software Avail: Aug-1999 Sup. Software Avail: Nov-1999 SPEC license #: 11

Hardware

Vendor: IBM
Model: Netfinity 5600
Processor: 533EB Pentium III
Processors: 1 core, 1 chip, 1 core/chip
Primary Cache: 16KBI+16KBD on chip
Secondary Cache: 256KB
Other Cache: none
Memory: 1.5 GB
Disk Subsystem: 4 X 9.1GB SCSI (Seagate ST39102LC)
Disk Controllers: IBM ServeRAID 3L
Other Hardware: 1 x ALTEON ACEswitch 180 GbE Switch

Software

Operating System: RedHat Linux 6.1
File System: Ext2
Other Software: None

HTTP Software

Vendor: Zeus Technology
HTTP Software: Zeus Web Server 3.3.2
API: ISAPI
Server Cache: none
Log Mode: Common Log Format

Test Sponsor

Test Date: Dec-1999
Tested By: IBM
SPEC License: 11

Network

of Controllers: 1
Network Controllers: Alteon ACEnic PCI
of Nets: 1
Type of Nets: Gigabit Ethernet
Network Speed: 1Gb/s
MSL (sec): 30 (Non RFC1122)
Time-Wait (sec): 60 (Non RFC1122)
MTU: 1500

Clients

of Clients: 6
Model: Intellistation Z Pro
Processor: 450Mhz Pentium II Xeon
of Processors: 2
Memory: 256MB
Network Controller: Alteon ACEnic PCI
Operating System: Windows NT 4.0 SP4
Compiler: Microsoft Visual C++ 6.0

Notes/Tuning Information

Operating System Notes

Tuning parameters:
/proc/sys/fs/file-max 32768
/proc/sys/net/core/rmem-max 65536
/proc/sys/net/core/rmem-default 65536
/proc/sys/net/core/wmem-max 65536
/proc/sys/net/core/wmem-default 65536
/proc/sys/net/ipv4/ip_local_port_range 16384 65536

HTTP Software Notes

Tuning parameters:
tuning!cache_max_bytes=536870912
tuning!cache_files=30000
tuning!cache_small_file=9216
tuning!cache_stat_expire=2600
tuning!listen_queue_size=8192
tuning!sendfile_minsize=4096
tuning!so_wbuff_size=65536
tuning!use_poll=yes
tuning!cache_flush_interval=2600
tuning!maxfds=100000
tuning!num_children=3

Hardware Notes

1 Disk OS and Logfile