SPECweb99 Result

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IBM: Netfinity 5000
Zeus Technology: Zeus Web Server 3.3.2

SPECweb99 = 404

Test Date: Nov-1999
Tester: IBM

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

Hardware

Vendor:	IBM
Model:	Netfinity 5000
Processor:	600 MHz Pentium III
# Processors:	2 cores, 2 chips, 1 core/chip
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	512KB
Other Cache:	none
Memory:	2 GB
Disk Subsystem:	5 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:	Nov-1999
Tested By:	IBM
SPEC License:	11

Network

# of Controllers:	3
Network Controllers:	Alteon ACEnic PCI
# of Nets:	3
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:	3
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++ 5.0

Notes/Tuning Information

Operating System Notes

Tuning parameters:
/proc/sys/fs/file-max 32768
/proc/sys/net/core/rmem-max 1048576
/proc/sys/net/core/rmem-default 1048576
/proc/sys/net/core/wmem-max 1048576
/proc/sys/net/core/wmem-default 1048576

HTTP Software Notes

Tuning parameters:
tuning!cache_max_bytes=1572864
tuning!cache_files=15713
tuning!cache_small_file=9216
tuning!cache_stat_expire=1048576
tuning!listen_queue_size=8192
tuning!sendfile_minsize=4096
tuning!so_wbuff_size=1048576
tuning!use_poll=yes
tuning!cache_flush_interval=90
tuning!cache_large_file=1048576
tuning!maxfds=100000
tuning!num_children=6

Hardware Notes

4 Disk RAID-0 Data Files