SPECweb99 Result

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Compaq Computer Corp.: Alphaserver DS10
Zeus Technology Ltd: Zeus 3.1.9

SPECweb99 = 484

Test Date: Jul-1999
Tester: Compaq

Hardware Avail:	May-1999	OS Avail:	Apr-1999	HTTP Software Avail:	Feb-1999	Sup. Software Avail:	--	SPEC license #:	2

Hardware

Vendor:	Compaq Computer Corp.
Model:	Alphaserver DS10
Processor:	466 MHz 21264
# Processors:	1 core, 1 chip, 1 core/chip
Primary Cache:	64KB(I)+64KB(D) on chip
Secondary Cache:	2MB off chip
Other Cache:	none
Memory:	1 GB
Disk Subsystem:	4 x 9.1GB (DS-RZ1DB-VW) drives
Disk Controllers:	Integral FW SCSI
Other Hardware:	1 x ALTEON ACEswitch 180 GbE Switch

Software

Operating System:	Compaq Tru64 UNIX V4.0F
File System:	UFS
Other Software:	none

HTTP Software

Vendor:	Zeus Technology Ltd
HTTP Software:	Zeus 3.1.9
API:	ISAPI
Server Cache:	none
Log Mode:	Common Log Format

Test Sponsor

Test Date:	Jul-1999
Tested By:	Compaq
SPEC License:	2

Network

# of Controllers:	1
Network Controllers:	1 x DEGPA-SA
# of Nets:	1
Type of Nets:	Gigabit Ethernet
Network Speed:	1 Gigabit/sec
MSL (sec):	30 (Non RFC1122)
Time-Wait (sec):	60 (Non RFC1122)
MTU:	1500

Clients

# of Clients:	4
Model:	Digital Personal WorkStation 600au
Processor:	600MHz 21164
# of Processors:	1
Memory:	1GB
Network Controller:	DEGPA-SA
Operating System:	Compaq Tru64 UNIX V4.0F
Compiler:	DEC C V5.9-005

Notes/Tuning Information

SUT Notes

Operating System Notes

proc:
maxusers = 1024
max-proc-per-user = 0
max-threads-per-user = 1024
per-proc-data-size = 0x40000000000
max-per-proc-data-size = 0x40000000000
per-proc-address-space = 0x40000000000
max-per-proc-address-space = 0x40000000000
socket:
sominconn = 32765
somaxconn = 32765
umc = 1
inet:
ipqs = 10
tcbhashnum = 10
tcbhashsize = 4096
tcp_sendspace = 60000
tcp_recvspace = 60000

vm:
ubc-maxpercent = 60

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Notes/Tuning Information (Continued)

Operating System Notes (Continued)

vm-mapentries = 50000
vm-vpagemax = 131072
vm-maxvas = 0x40000000000
private-text = 1
vfs:
name-cache-hash-size = 8192
namei-cache-valid-time = 8400

HTTP Software Notes

Zeus 3.1.9 Tuning

conf!web!tuning!bind_any yes
conf!web!tuning!cache_files 12713
conf!web!tuning!cache_flush_interval 90
conf!web!tuning!cache_large_file 1048576
conf!web!tuning!cache_max_bytes 696000000
conf!web!tuning!cache_small_file 9216
conf!web!tuning!cache_stat_expire 86400
conf!web!tuning!num_children 2
conf!web!tuning!so_wbuff_size 1048576
conf!web!tuning!softservers no
conf!web!tuning!unique_bind no
conf!web!tuning!use_poll yes

Network Notes

Network Tuning: N/A

Client Notes

proc:
maxusers = 1024
max-proc-per-user = 0
max-threads-per-user = 1024
socket:
sominconn = 32765
somaxconn = 32765
inet:
ipport_userreserved = 65000
tcp_recvspace = 60000