

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