

SPECweb99 Result

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|| Hewlett-Packard Company : Alphaserver ES45 68 || NC SPECweb99 Zeus Ltd : Zeus 4.1r1 || ||
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SPEC has determined that the follow result is not in compliance with the benchmark's run and reporting rules. Specifically, the result did not meet the 3 month availability requirement due to a change in the availability of the Operating System Release (Tru64 V5.1B). Updated results are available at <http://www.spec.org/osg/web99/results/res2002q4/web99-20021104-00213.html>

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PERFORMANCE | Conforming Simultaneous Iteration | Connections

-----+----- 1 | NC 2 | NC 3 | NC -----+-----

Median | NC

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Availability Dates All Hardware Aug-2002 HTTP Software May-2002 Operating System Nov-2002 Supplemental System Oct-2002 Hardware Vendor Hewlett-Packard Company Model Alphaserver ES45 68/1250 Processor 1.25 GHz 21264C # Processors 4 Primary Cache 64KBI+64KBD on chip Secondary Cache 16MB off chip Other Cache none Memory 32 GB Disk Subsystem 13 x(BB00912301 9GB SCSI) Disk Controllers 2 x QLOGIC ISP1040B/V2 FW SCSI Other Hardware 3 x ALTEON ACEswitch 180 GbE Switch Software Operating System Tru64 UNIX T5.1B File System UFS & AdvFS Other Software none HTTP Software Vendor Zeus Ltd HTTP Software Zeus 4.1r1 API ISAPI Server Cache none Log Mode Binary Log Format Test Sponsor Test Date Jun-2002 Tested By Hewlett-Packard Company SPEC License 2 Network # of Controllers 3 Network Controllers 3 x DEGPA-SA # of Nets 3 Type of Nets Gigabit Ethernet Network Speed 1 Gb/s MSL (sec) 30 (Non RFC1122) Time-Wait (sec) 60 (Non RFC1122) MTU 1500 Clients # of Clients 12 Model HP DS20E Processor 667MHz 21264 # of Processors 2 Memory 1GB Network Controller DEGPA-SA Operating System Tru64 UNIX V5.1 Compiler Compaq C V6.3-026 Benchmark Configuration Requested Connections 5100 Fileset Size (MB) 16440.72

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Notes/Tuning information Operating System Notes OS Tuning parameters: vm:
swapdevice=/dev/disk/dsk8c vm_swap_eager = 0 proc: max_per_proc_address_space = 0x4000000000 max_per_proc_data_size = 0x4000000000 max_proc_per_user = 2048 max_threads_per_user = 0 per_proc_address_space = 0x4000000000 per_proc_data_size = 0x4000000000 inet: ipqmaxlen = 2000 ipqs = 16 tcbhashnum = 16 tcbhashsize = 1024 tcp_dont_winscale = 1048576 tcp_recvspace = 1048576 tcp_sendspace = 1048576 net: netisrthreads=2 netisr wakeupthreshold = 96 socket: somaxconn = 32765 sominconn = 32765 umc = 1 vfs: name_cache_hash_size = 16384 namei_cache_valid_time = 86400 advfs: AdvfsSyncMmapPages = 0 alt: send_ticks = 31250 recv_ticks = 200 send_coal = 500 recv_coal = 32 HTTP Software Notes Zeus Tuning global.cfg: tuning!bind_any yes tuning!cache_files 237911 tuning!cache_flush_interval 86400 tuning!cache_large_file 1048576 tuning!cache_max_bytes 0 tuning!cache_small_file 0 tuning!cache_stat_expire 86400 tuning!num_children 4 tuning!so_wbuff_size 1048576 tuning!softservers no tuning!unique_bind no tuning!use_poll no tuning!cache_cooling_time 0 tuning!cbuff_size 65536 tuning!keepalive yes tuning!keepalive_max -1 tuning!modules!isapi!writeclient_limit 524288000 runningsites/: bindaddr text 10.76.76.76,11.76.76.76,12.76.76.76 modules!fastcgi!enabled yes modules!map!alias!/fast-cgi!/filepath /www/fast-cgi modules!isapi!enabled yes modules!map!alias!/isapi!/filepath /www/isapi Hardware Notes Disk Configuration: disk1: OS (/ , /usr) [Controller 1] disk2: URLroot (/www) [1] disk3, disk9: http logging (log_dmn#log_fs) [1,2] disk4-7, disk10-13 wwwdomain#file_set rw,noatimes [1,2] disk8: swap [1] Network Notes Network Tuning: N/A Client Notes max-proc-per-user = 0 proc: maxusers = 1024 max-threads-per-user = 1024 socket: sominconn = 32765 somaxconn = 32765 inet: ippport_userreserved = 65000 tcp_recvspace = 1048576 Other Notes Other Notes Tuning Disclosure: HP-20020805-Alpha-Tru64-5.1b.txt Dynamic API:

Compaq-ES45-20011115.tar.gz Client code built: ./configure --enable-posix-threads i
--enable-safe-gethostbyname ; make

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Test Run Details Run Conforming Percent | Throughput Response ops/sec/ Kbits/ Num Connections
Conform | ops/sec msec loadgen sec => 1 NC NC | NC NC NC NC 2 NC NC | NC NC NC NC 3 NC
NC | NC NC NC NC