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Stress_1700 - 2021-04-07

A Phoromatic run.

Test Systems:

2021-04-07

Processor: AMD EPYC 7702P 64-Core (2 Cores), Motherboard: netcup KVM Server (RS 1000 G9 BIOS), Chipset: Intel 440FX 82441FX PMC, Memory: 1 x 8192 MB RAM QEMU, Disk: 172GB QEMU HDD, Graphics: bochsdrmfb, Network: Red Hat Virtio device

OS: Debian 10, Kernel: 4.19.0-14-amd64 (x86_64), Compiler: GCC 8.3.0, File-System: ext4, Screen Resolution: 1024x768, System Layer: KVM

Kernel Notes: Transparent Huge Pages: never
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic --without-cuda-driver -v
Disk Notes: MQ-DEADLINE / errors=remount-ro,relatime,rw / Block Size: 4096

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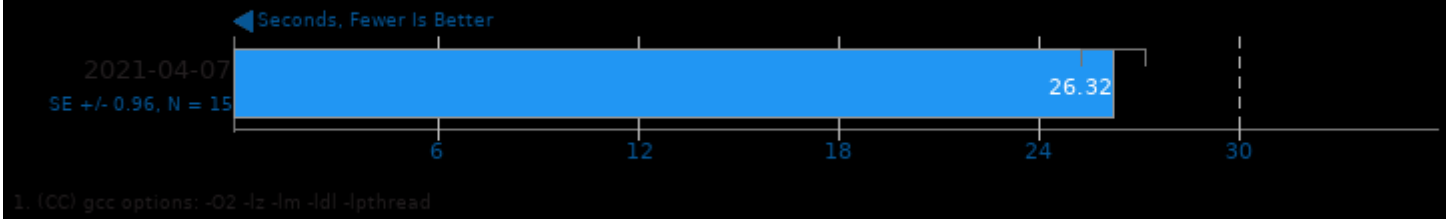
Processor Notes: CPU Microcode: 0x1000065
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional IBRS_FW STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	2021-04-07
SQLite - 8 (sec)	26.322
Standard Deviation	14.2%
Go Benchmarks - json (ns/op)	36712676
Standard Deviation	2.5%
John The Ripper - MD5 (Real C/S)	153128
Standard Deviation	1.1%
Node.js Express HTTP Load Test (Reqs/sec)	4967
Standard Deviation	1.6%
Gcrypt Library (sec)	270.414
Standard Deviation	0.3%
Perl Benchmarks - Interpreter (sec)	0.00106065
Standard Deviation	2.2%
OpenSSL - R.4.b.P (Signs/sec)	387.8
Standard Deviation	1.7%
glibc bench - ffsll (nanoseconds)	2.39009
Standard Deviation	0.8%
PostgreSQL pgbench - 100 - 50 - Read Write (TPS)	3587
Standard Deviation	1.1%
PostgreSQL pgbench - 100 - 50 - Read Write - Average Latency	13.942
Standard Deviation	1.1%
Redis - SET (Reqs/sec)	1261506
Standard Deviation	1.5%
NGINX Benchmark - S.W.P.S (Reqs/sec)	26375
Standard Deviation	1.7%
Apache Benchmark - S.W.P.S (Reqs/sec)	15409
Standard Deviation	2.2%
PHPBench - P.B.S (Score)	493179
Standard Deviation	1.5%

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SQLite 3.30.1

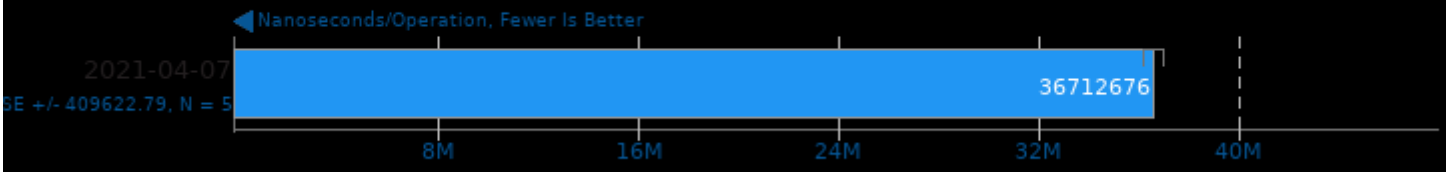
Threads / Copies: 8



1. (CC) gcc options: -O2 -lz -lm -ldl -lpthread

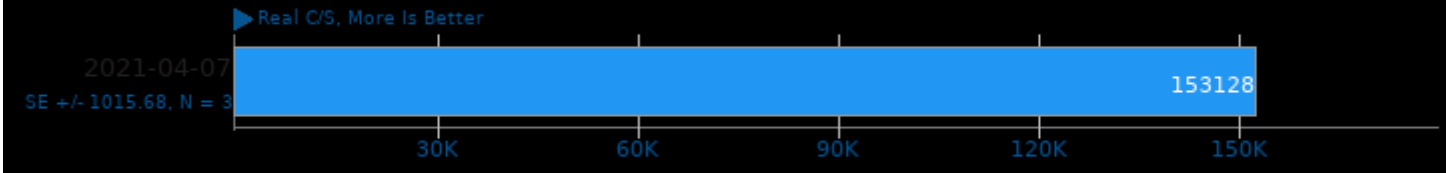
Go Benchmarks

Test: json



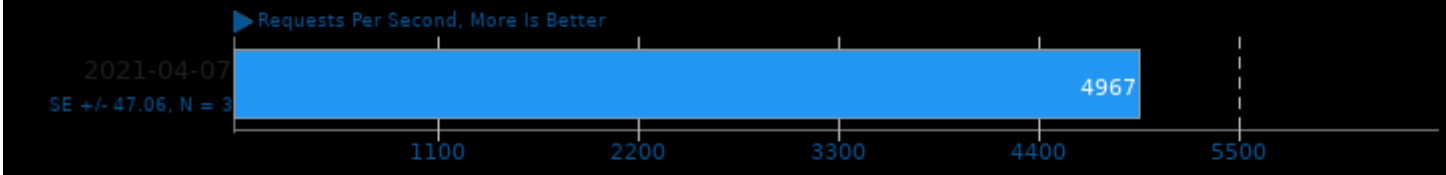
John The Ripper 1.9.0-jumbo-1

Test: MD5



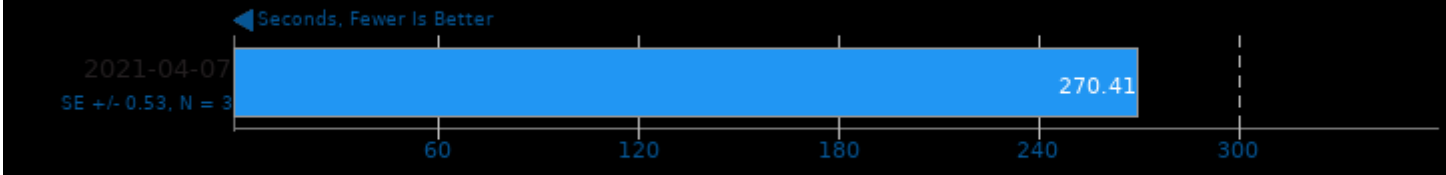
1. (CC) gcc options: -m64 -fopenmp

Node.js Express HTTP Load Test



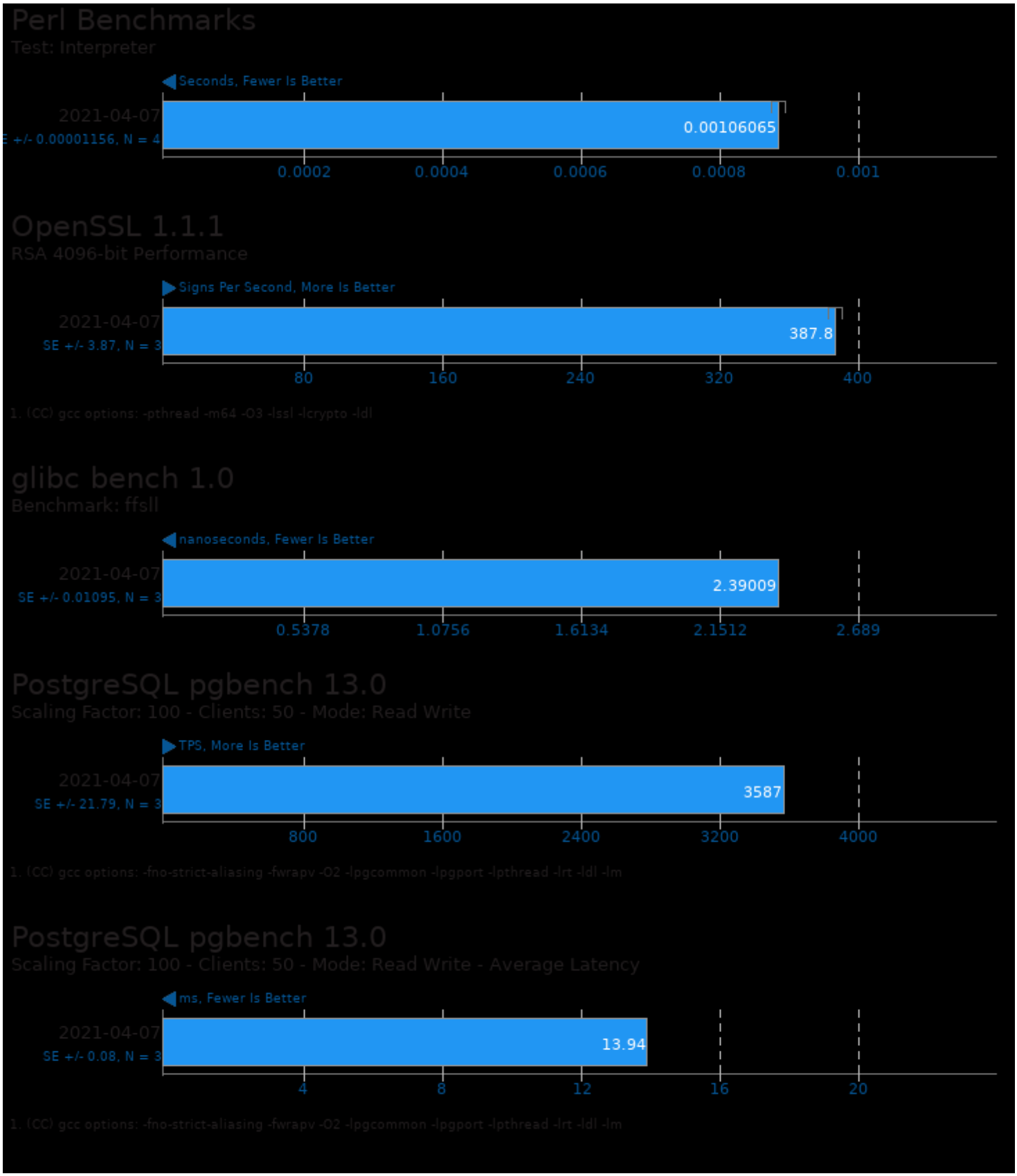
1. Nodejs v10.23.1

Gcrypt Library 1.9

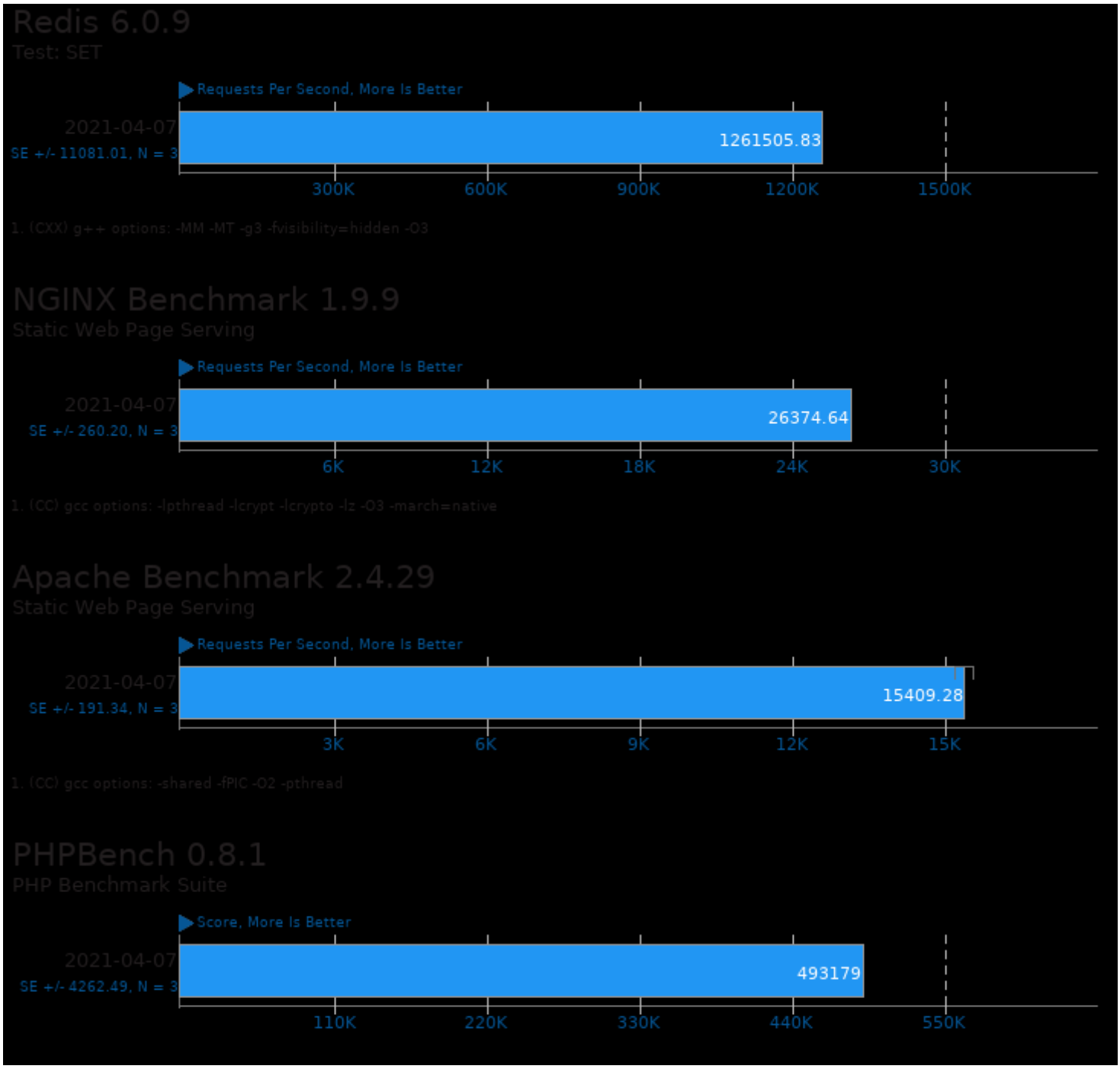


1. (CC) gcc options: -O2 -fvisibility=hidden

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