



Stress_1100 - 2021-03-06

A Phoromatic run.

Test Systems:

2021-03-06

Processor: Intel Xeon (2 Cores), Motherboard: Hetzner vServer v20171111, Chipset: Intel 440FX 82441FX PMC, Memory: 1 x 8000 MB RAM QEMU, Disk: 82GB QEMU HDD, Network: Red Hat Virtio device

OS: Ubuntu 20.04, Kernel: 5.4.0-54-generic (x86_64), Compiler: GCC 9.3.0, File-System: ext4, System Layer: KVM

Kernel Notes: Transparent Huge Pages: madvise

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --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++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-9-HskZEa/gcc-9-9.3.0/debian/tmp-nvptx/usr,hsa --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=auto --with-tune=generic --without-cuda-driver -v

Disk Notes: MQ-DEADLINE / errors=remount-ro,relatime,rw / Block Size: 4096

Processor Notes: CPU Microcode: 0x1

Security Notes: itlb_multihit: KVM: Vulnerable + 11tf: Mitigation of PTE Inversion + mds: Mitigation of Clear buffers; SMT Host state unknown + meltdown: Mitigation of PTI + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swagps barriers and __user pointer sanitization + spectre_v2:

Mitigation of Full generic retpoline IBPB: conditional IBRS_FW STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Mitigation of Clear buffers; SMT Host state unknown

2021-03-06

John The Ripper - MD5 (Real C/S) 193548
Standard Deviation 0.7%

Node.js Express HTTP Load Test (Reqs/sec) 4864
Standard Deviation 5.3%

Redis - SET (Reqs/sec) 961907
Standard Deviation 0.9%

NGINX Benchmark - S.W.P.S (Reqs/sec) 17602
Standard Deviation 1.6%

Apache Benchmark - S.W.P.S (Reqs/sec) 10298
Standard Deviation 2%

PHPBench - P.B.S (Score) 440779
Standard Deviation 0.2%

OpenSSL - R.4.b.P (Signs/sec) 360.4
Standard Deviation 2.2%

PostgreSQL pgbench - 100 - 50 - Read Write (TPS) 2597
Standard Deviation 2.9%

PostgreSQL pgbench - 100 - 50 - Read Write - Average Latency 19.273
Standard Deviation 2.9%

glibc bench - ffsll (nanoseconds) 3.01828
Standard Deviation 0.6%

Go Benchmarks - json (ns/op) 30539982
Standard Deviation 1.8%

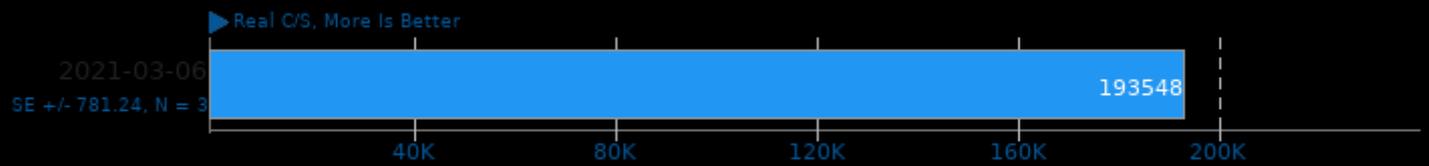
SQLite - 8 (sec) 28.801
Standard Deviation 1.9%

Gcrypt Library (sec) 334.759
Standard Deviation 0.4%

Perl Benchmarks - Interpreter (sec) 0.00234845
Standard Deviation 1.3%

John The Ripper 1.9.0-jumbo-1

Test: MD5



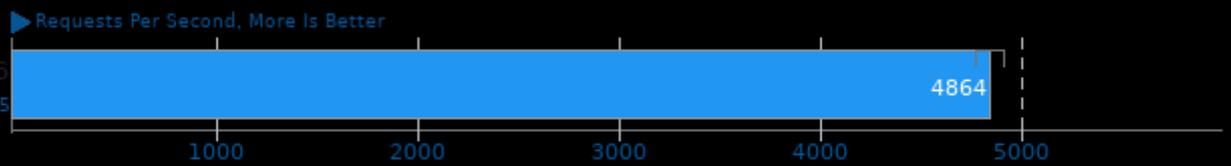
2021-03-06

SE +/- 781.24, N = 3

193548

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

Node.js Express HTTP Load Test



2021-03-06

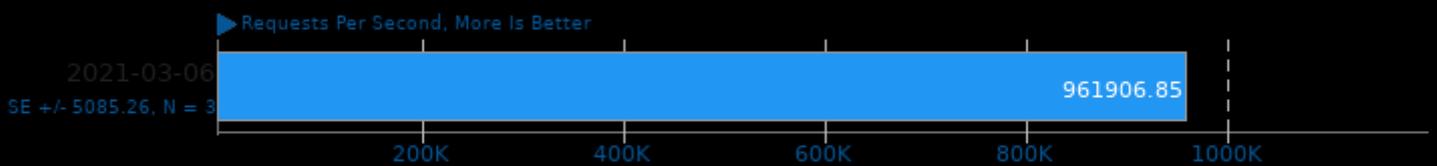
SE +/- 66.39, N = 15

4864

1. Nodejs
v10.19.0

Redis 6.0.9

Test: SET



2021-03-06

SE +/- 5085.26, N = 3

961906.85

1. (CXX) g++ options: -MM -MT -g3 -fvisibility=hidden -O3

NGINX Benchmark 1.9.9

Static Web Page Serving



2021-03-06

SE +/- 167.45, N = 3

17601.75

1. (CC) gcc options: -pthread -lcrypt -lcrypto -lz -O3 -march=native

Apache Benchmark 2.4.29

Static Web Page Serving



2021-03-06

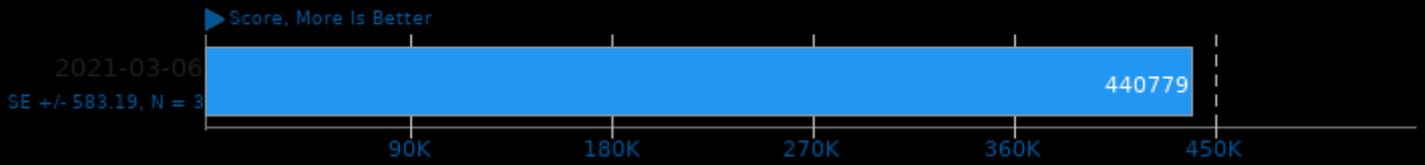
SE +/- 116.00, N = 3

10298.33

1. (CC) gcc options: -shared -fPIC -O2 -pthread

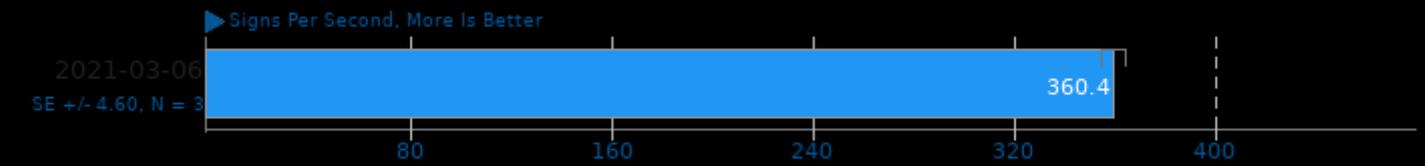
PHPBench 0.8.1

PHP Benchmark Suite



OpenSSL 1.1.1

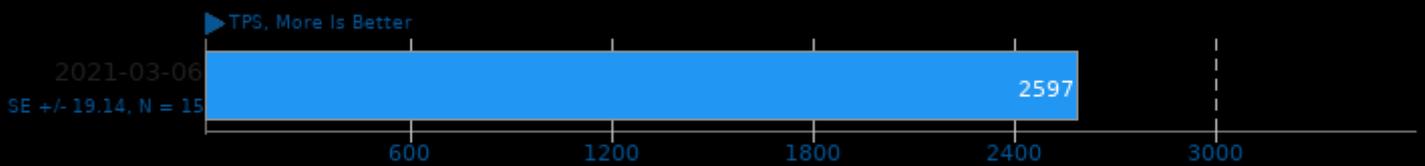
RSA 4096-bit Performance



1. (CC) gcc options: -pthread -m64 -O3 -lssl -lcrypto -ldl

PostgreSQL pgbench 13.0

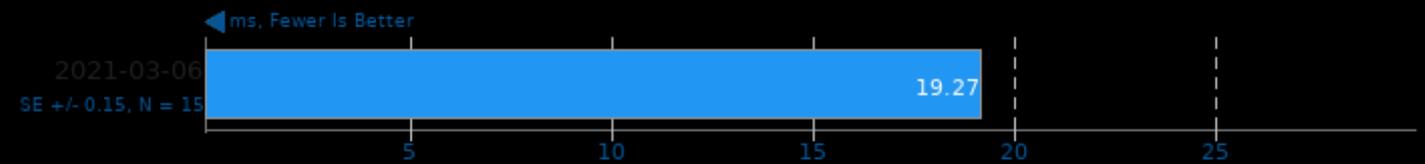
Scaling Factor: 100 - Clients: 50 - Mode: Read Write



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpthread -lrt -ldl -lm

PostgreSQL pgbench 13.0

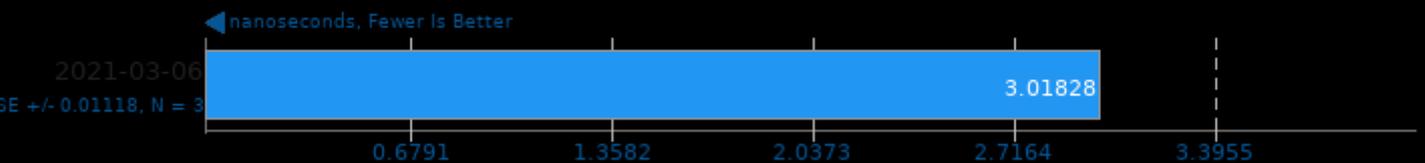
Scaling Factor: 100 - Clients: 50 - Mode: Read Write - Average Latency

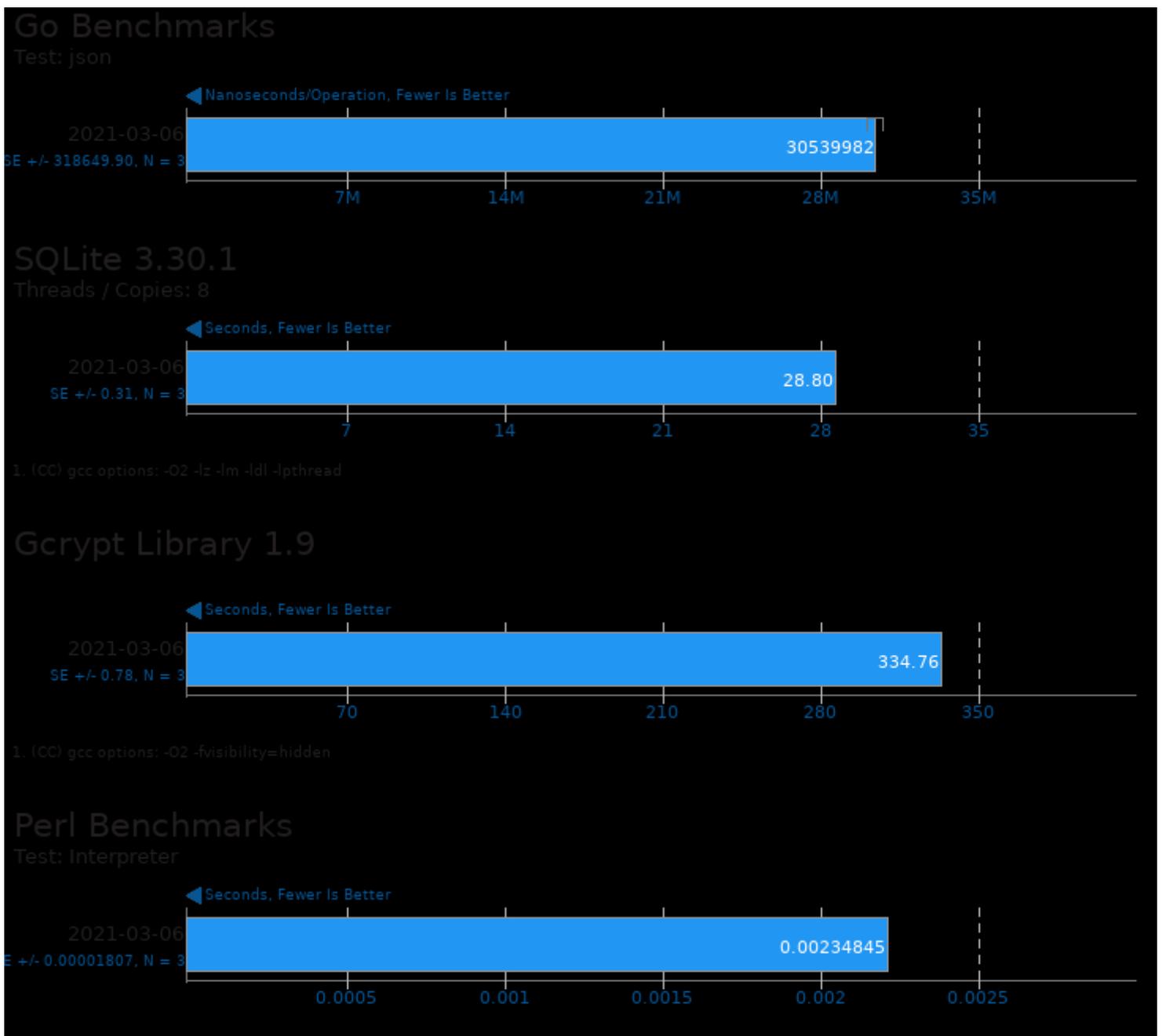


1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpthread -lrt -ldl -lm

glibc bench 1.0

Benchmark: ffsll





This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 08:21.