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Stress_1100 - 2021-04-07

A Phoromatic run.

Test Systems:

2021-04-07

Processor: Intel Xeon Silver 4214 (12 Cores), Memory: 1024MB, Disk: 20GB

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

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
Processor Notes: CPU Microcode: 0x5002f01
Disk Mount Options Notes: balloon_ino=12,data=ordered,relatime,rw
Disk Details Notes: Block Size: 4096

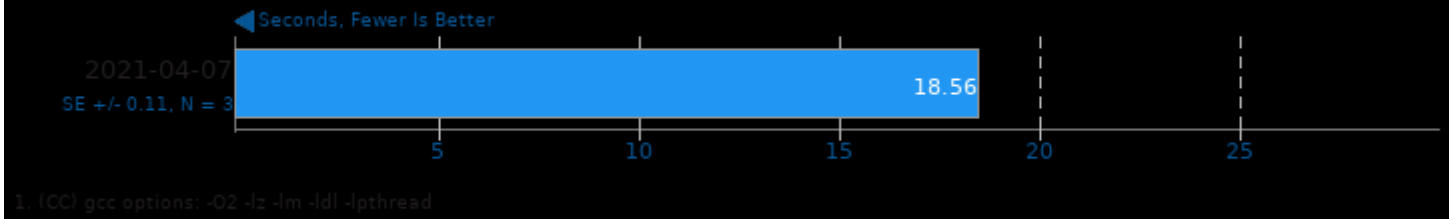
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SQLite - 8 (sec)	18.556
Standard Deviation	1%
Go Benchmarks - json (ns/op)	66063839
Standard Deviation	1.2%
John The Ripper - MD5 (Real C/S)	99443
Standard Deviation	0.5%
Node.js Express HTTP Load Test (Reqs/sec)	1971
Standard Deviation	2%
Gcrypt Library (sec)	371.248
Standard Deviation	1.2%
Perl Benchmarks - Interpreter (sec)	0.00251983
Standard Deviation	20.6%
OpenSSL - R.4.b.P (Signs/sec)	159.0
Standard Deviation	5%
glibc bench - ffsll (nanoseconds)	2.96848
Standard Deviation	1.3%
PostgreSQL pgbench - 100 - 50 - Read Write (TPS)	1368
Standard Deviation	5%
PostgreSQL pgbench - 100 - 50 - Read Write - Average Latency	36.650
Standard Deviation	5%
Redis - SET (Reqs/sec)	559260
Standard Deviation	2.3%
NGINX Benchmark - S.W.P.S (Reqs/sec)	5766
Standard Deviation	0.3%
Apache Benchmark - S.W.P.S (Reqs/sec)	4080
Standard Deviation	0.2%
PHPBench - P.B.S (Score)	381587
Standard Deviation	1.3%

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SQLite 3.30.1

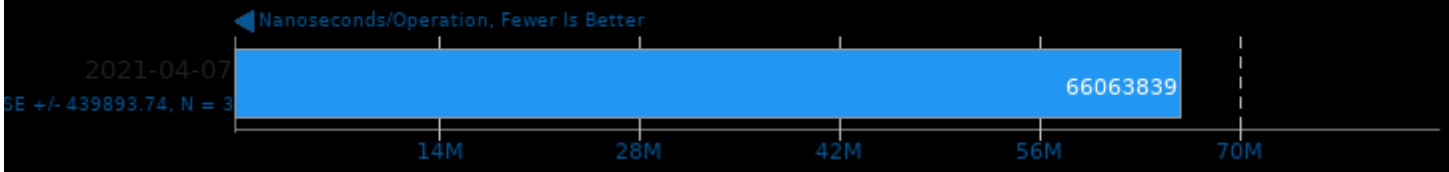
Threads / Copies: 8



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

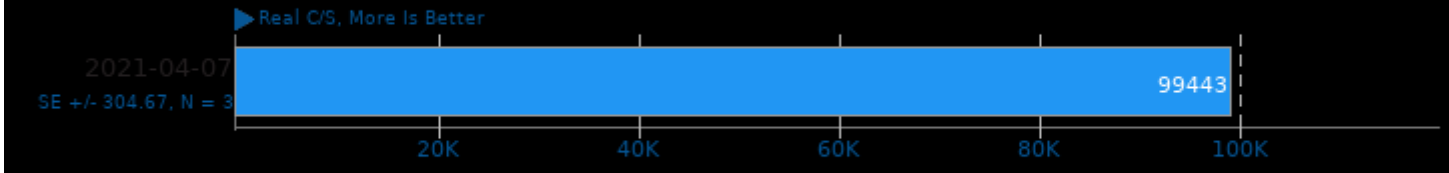
Go Benchmarks

Test: json



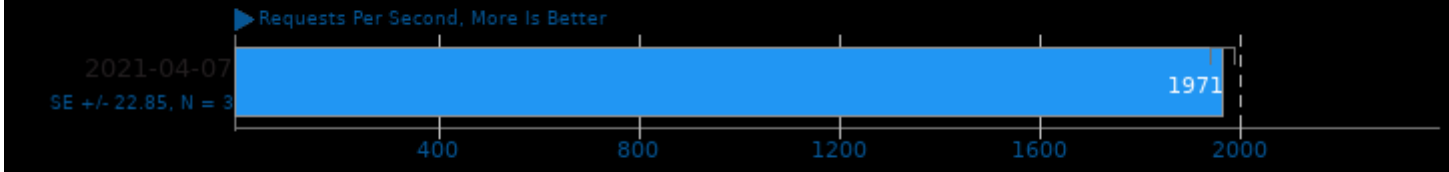
John The Ripper 1.9.0-jumbo-1

Test: MD5



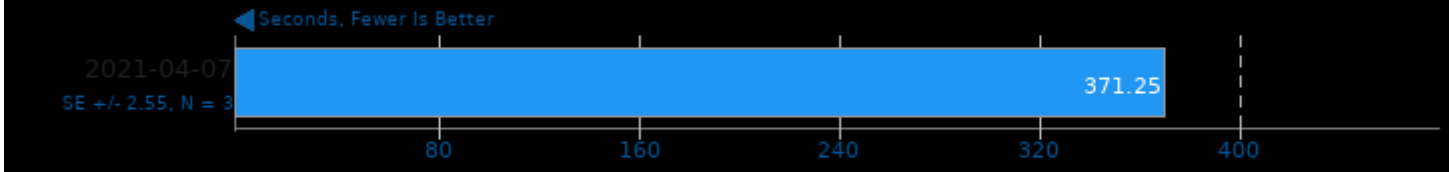
1. (CC) gcc options: -O3 --param -std=gnu89

Node.js Express HTTP Load Test



1. Nodejs v10.19.0

Gcrypt Library 1.9

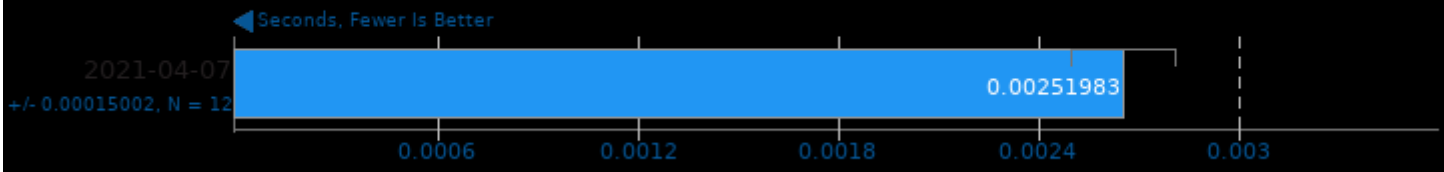


1. (CC) gcc options: -O2 -fvisibility=hidden

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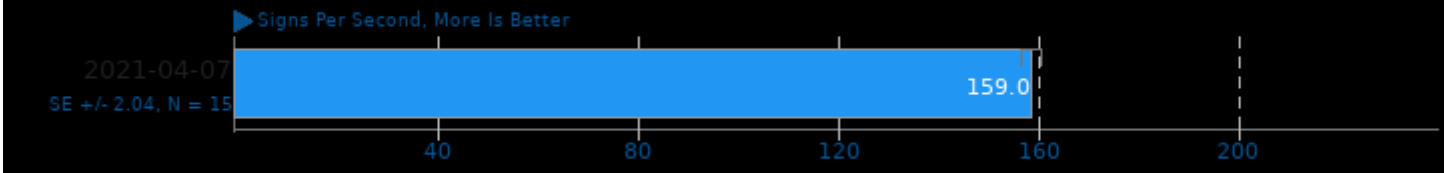
Perl Benchmarks

Test: Interpreter



OpenSSL 1.1.1

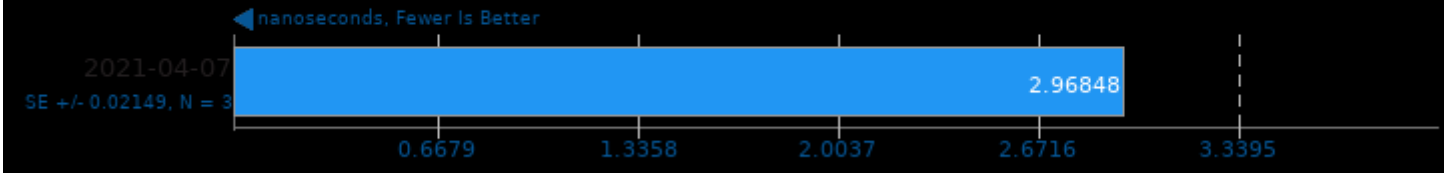
RSA 4096-bit Performance



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

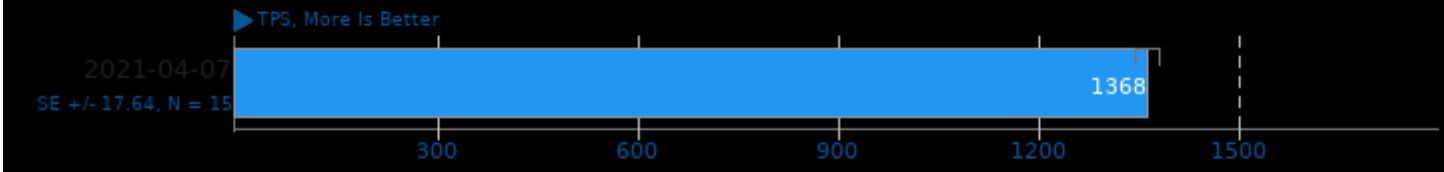
glibc bench 1.0

Benchmark: ffsll



PostgreSQL pgbench 13.0

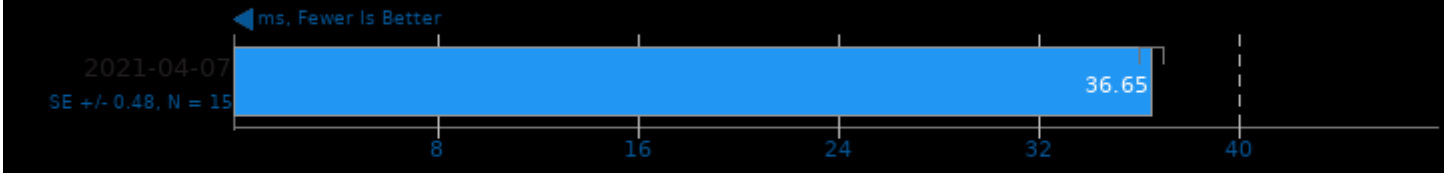
Scaling Factor: 100 - Clients: 50 - Mode: Read Write



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

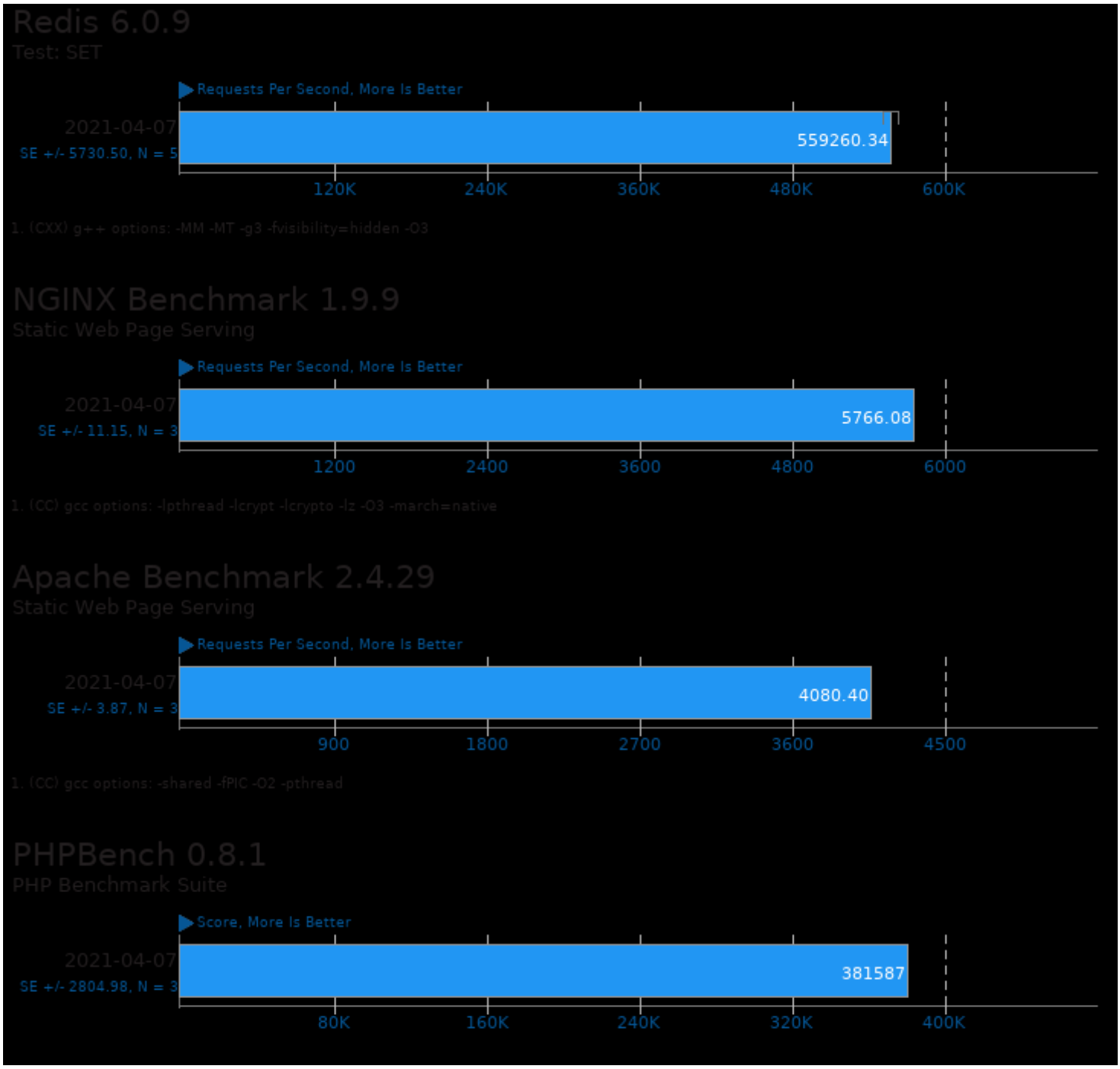
PostgreSQL pgbench 13.0

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

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