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2023-01-19-0459

2 x < Sec-V Krnl Protect > testing with a Dell 06WXJT (2.13.3 BIOS) and Matrox G200eW3 on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

2023-01-19 04:59

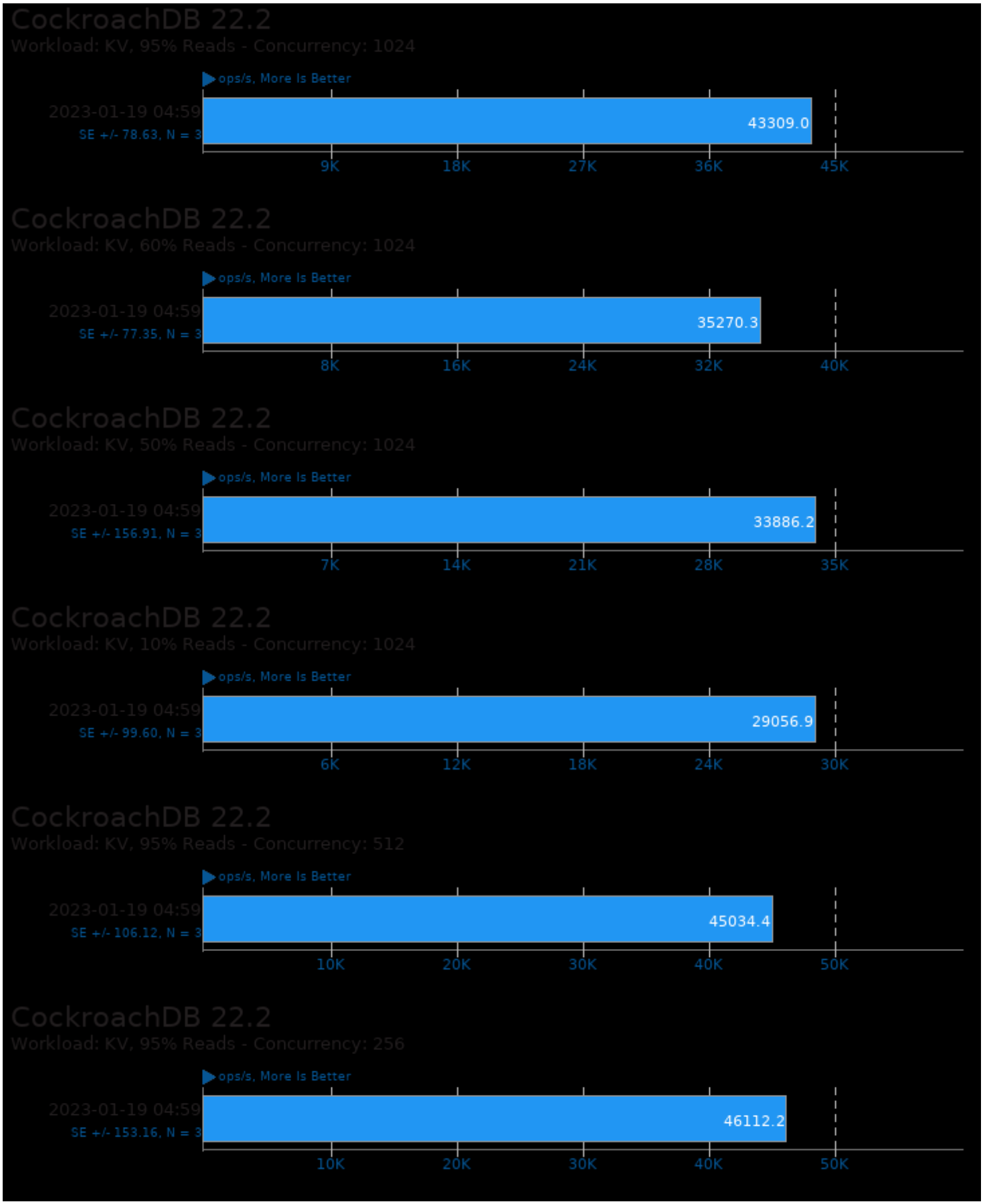
Processor: 2 x < Sec-V Krnl Protect > @ 3.20GHz (16 Cores / 32 Threads), Motherboard: Dell 06WXJT (2.13.3 BIOS), Chipset: Intel Sky Lake-E DMI3 Registers, Memory: 64GB, Disk: 6000GB PERC H750 Adp + 299GB PERC H750 Adp, Graphics: Matrox G200eW3, Network: 4 x Broadcom NetXtreme BCM5720 2-port PCIe

OS: Ubuntu 20.04, Kernel: 5.4.0-136-generic (x86_64), Desktop: GNOME Shell 3.36.9, Display Server: X Server, Vulkan: 1.1.182, Compiler: GCC 9.4.0, File-System: ext4, Screen Resolution: 1024x768

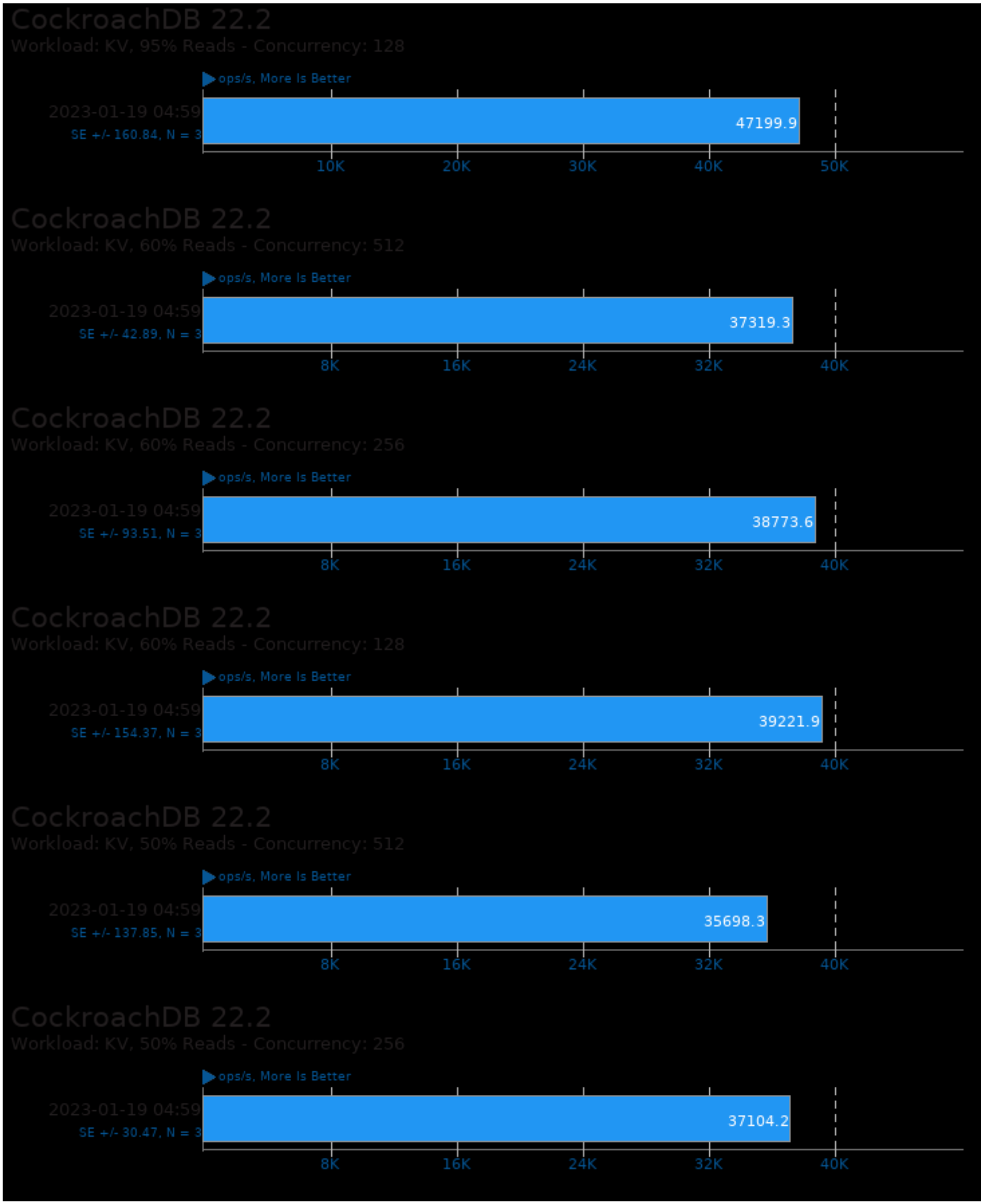
Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-9-Av3uEd/gcc-9-9.4.0/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: Scaling Governor: intel_pstate powersave - CPU Microcode: 0x500320a
Security Notes: itlb_multihit: KVM: Vulnerable + l1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Vulnerable: Clear buffers attempted no microcode; SMT vulnerable + retbleed: Mitigation of Enhanced IBRS + 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 Enhanced IBRS IBPB: conditional RSB filling PBRSB-eIBRS: SW sequence + srbds: Not affected + tsx_async_abort: Mitigation of TSX disabled

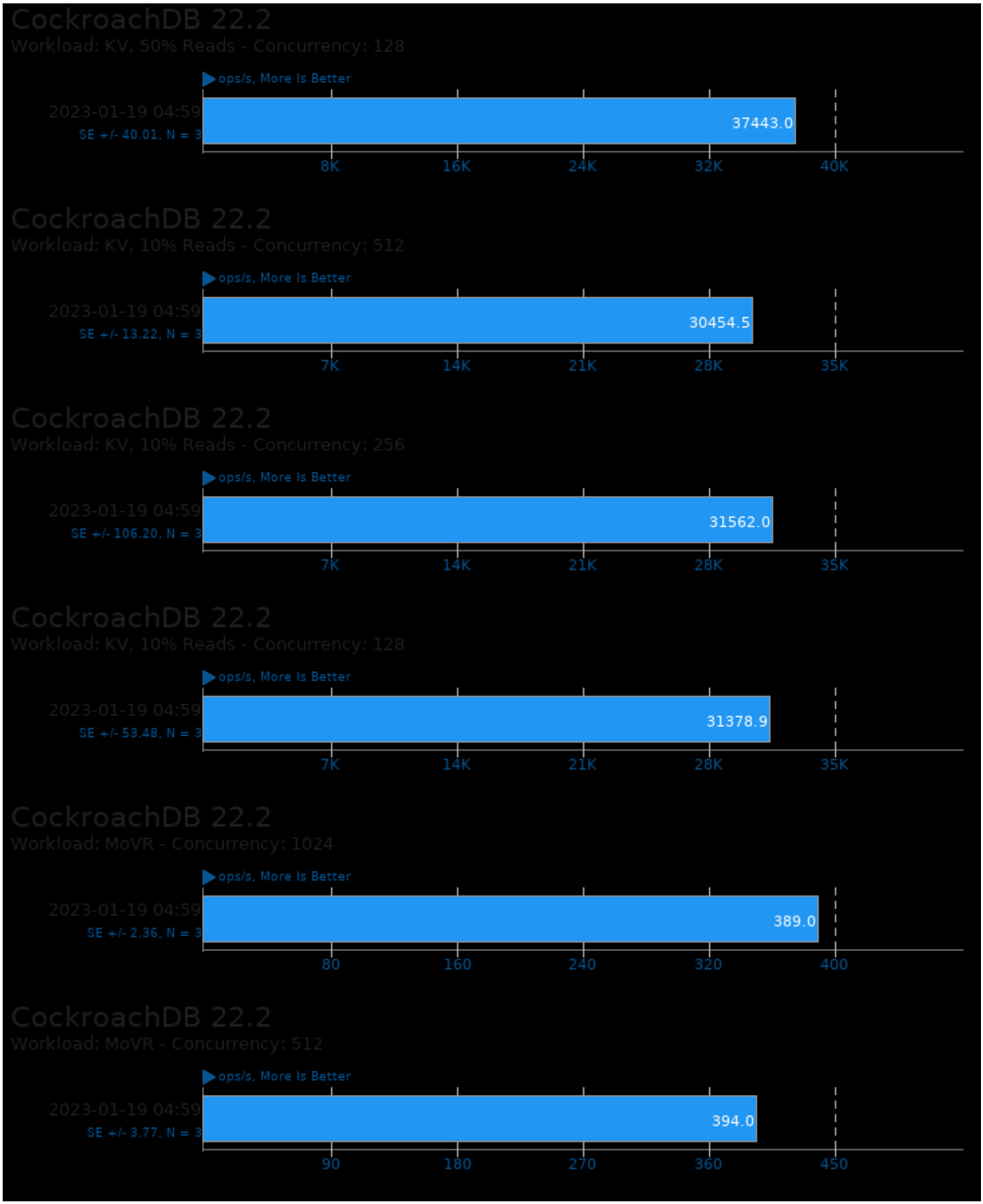
	2023-01-19 04:59
CockroachDB - KV, 95% Reads - 1024 (ops/s)	43309
Standard Deviation	0.3%
CockroachDB - KV, 60% Reads - 1024 (ops/s)	35270
Standard Deviation	0.4%
CockroachDB - KV, 50% Reads - 1024 (ops/s)	33886
Standard Deviation	0.8%
CockroachDB - KV, 10% Reads - 1024 (ops/s)	29057
Standard Deviation	0.6%
CockroachDB - KV, 95% Reads - 512 (ops/s)	45034
Standard Deviation	0.4%
CockroachDB - KV, 95% Reads - 256 (ops/s)	46112
Standard Deviation	0.6%
CockroachDB - KV, 95% Reads - 128 (ops/s)	47200
Standard Deviation	0.6%
CockroachDB - KV, 60% Reads - 512 (ops/s)	37319
Standard Deviation	0.2%
CockroachDB - KV, 60% Reads - 256 (ops/s)	38774
Standard Deviation	0.4%
CockroachDB - KV, 60% Reads - 128 (ops/s)	39222
Standard Deviation	0.7%
CockroachDB - KV, 50% Reads - 512 (ops/s)	35698
Standard Deviation	0.7%
CockroachDB - KV, 50% Reads - 256 (ops/s)	37104
Standard Deviation	0.1%
CockroachDB - KV, 50% Reads - 128 (ops/s)	37443
Standard Deviation	0.2%
CockroachDB - KV, 10% Reads - 512 (ops/s)	30455
Standard Deviation	0.1%
CockroachDB - KV, 10% Reads - 256 (ops/s)	31562
Standard Deviation	0.6%
CockroachDB - KV, 10% Reads - 128 (ops/s)	31379
Standard Deviation	0.3%
CockroachDB - MoVR - 1024 (ops/s)	389.0
Standard Deviation	1%
CockroachDB - MoVR - 512 (ops/s)	394.0
Standard Deviation	1.7%
CockroachDB - MoVR - 256 (ops/s)	389.5
Standard Deviation	0.7%
CockroachDB - MoVR - 128 (ops/s)	385.5
Standard Deviation	0.4%

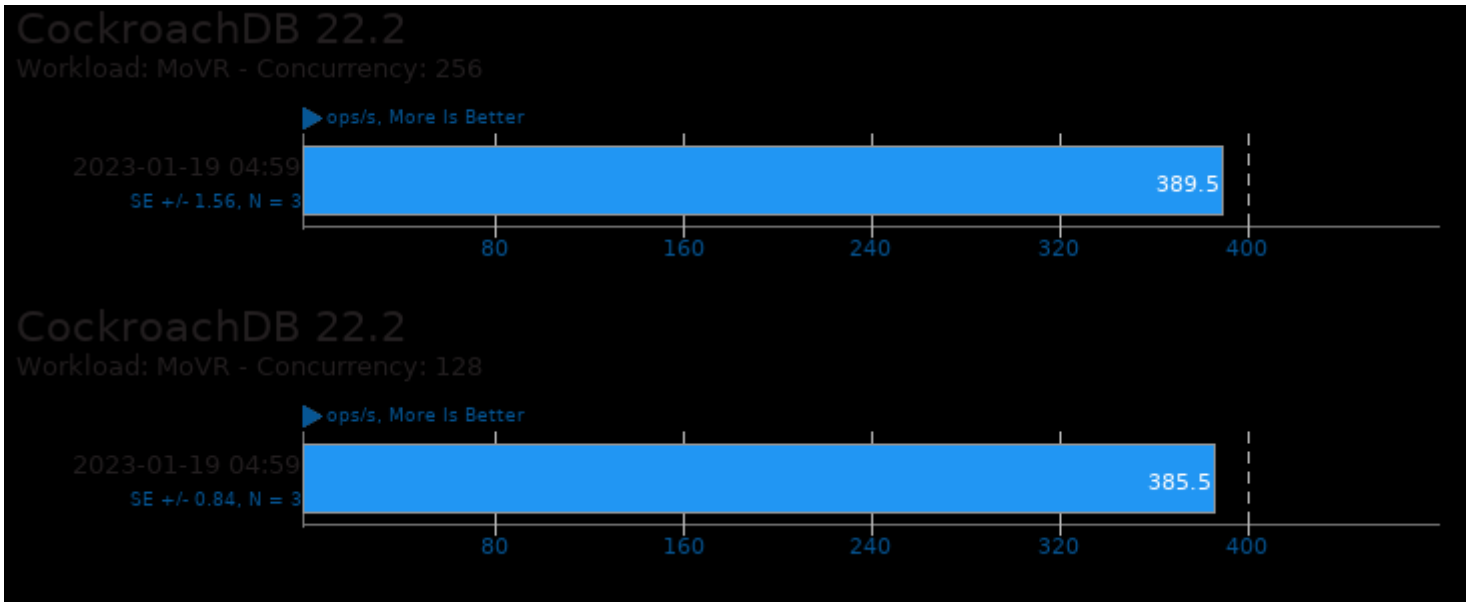

CockroachDB 22.2
Workload: KV, 95% Reads - Concurrency: 1024
ops/s, More Is Better
2023-01-19 04:59
SE +/- 78.63, N = 3
43309.0
9K
18K
27K
36K
45K
CockroachDB 22.2
Workload: KV, 60% Reads - Concurrency: 1024
ops/s, More Is Better
2023-01-19 04:59
SE +/- 77.35, N = 3
35270.3
8K
16K
24K
32K
40K
CockroachDB 22.2
Workload: KV, 50% Reads - Concurrency: 1024
ops/s, More Is Better
2023-01-19 04:59
SE +/- 156.91, N = 3
33886.2
7K
14K
21K
28K
35K
CockroachDB 22.2
Workload: KV, 10% Reads - Concurrency: 1024
ops/s, More Is Better
2023-01-19 04:59
SE +/- 99.60, N = 3
29056.9
6K
12K
18K
24K
30K
CockroachDB 22.2
Workload: KV, 95% Reads - Concurrency: 512
ops/s, More Is Better
2023-01-19 04:59
SE +/- 106.12, N = 3
45034.4
10K
20K
30K
40K
50K
CockroachDB 22.2
Workload: KV, 95% Reads - Concurrency: 256
ops/s, More Is Better
2023-01-19 04:59
SE +/- 153.16, N = 3
46112.2
10K
20K
30K
40K
50K

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 22:37.