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mysqlMgmt

Intel Xeon Silver 4210R testing with a Wistron SV7220G3 (TPC_P18C BIOS) and ASPEED on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

mysqlMgmt

Processor: Intel Xeon Silver 4210R @ 3.20GHz (10 Cores / 20 Threads), Motherboard: Wistron SV7220G3 (TPC_P18C BIOS), Chipset: Intel Sky Lake-E DMI3 Registers, Memory: 32GB, Disk: 2 x 240GB SAMSUNG MZ7LH240, Graphics: ASPEED, Network: Intel I210 + 2 x Mellanox MT27710

OS: Ubuntu 20.04, Kernel: 5.4.0-58-generic (x86_64), Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 1024x768

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: Scaling Governor: intel_pstate powersave - CPU Microcode: 0x5003003

Security Notes: itlb_multihit: KVM: Mitigation of Split huge pages + 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/swappgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Enhanced IBRS IPB: conditional RSB filling + srbds: Not affected + tsx_async_abort: Mitigation of TSX disabled

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MariaDB - 1 (Queries/sec)	9147
Standard Deviation	0.5%
MariaDB - 4 (Queries/sec)	7299
Standard Deviation	0%
MariaDB - 8 (Queries/sec)	6414
Standard Deviation	0.2%
MariaDB - 16 (Queries/sec)	5291
Standard Deviation	0.5%
MariaDB - 32 (Queries/sec)	3132
Standard Deviation	1.2%
MariaDB - 64 (Queries/sec)	1158
Standard Deviation	1.1%
MariaDB - 128 (Queries/sec)	413
Standard Deviation	0.8%
MariaDB - 256 (Queries/sec)	334
Standard Deviation	0.4%
MariaDB - 512 (Queries/sec)	336
Standard Deviation	0.7%

MariaDB 10.5.2

Clients: 1



MariaDB 10.5.2

Clients: 4



MariaDB 10.5.2

Clients: 8



MariaDB 10.5.2

Clients: 16



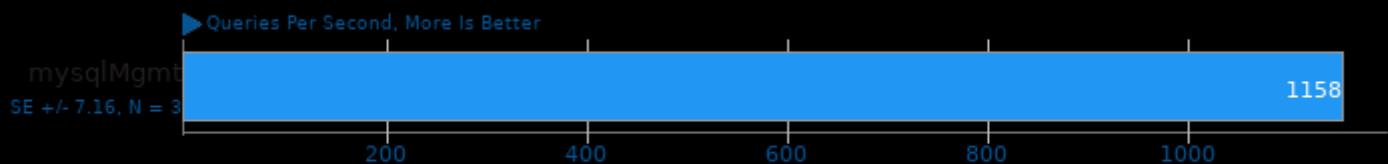
MariaDB 10.5.2

Clients: 32



MariaDB 10.5.2

Clients: 64



1. (CXX) g++ options: -pie -fPIC -fstack-protector -O2 -lpthread -laio -lnuma -lpcre2-8 -lcrypt -lz -lm -lssl -lcrypto -ldl

MariaDB 10.5.2

Clients: 128



1. (CXX) g++ options: -pie -fPIC -fstack-protector -O2 -lpthread -laio -lnuma -lpcre2-8 -lcrypt -lz -lm -lssl -lcrypto -ldl

MariaDB 10.5.2

Clients: 256



1. (CXX) g++ options: -pie -fPIC -fstack-protector -O2 -lpthread -laio -lnuma -lpcre2-8 -lcrypt -lz -lm -lssl -lcrypto -ldl

MariaDB 10.5.2

Clients: 512



1. (CXX) g++ options: -pie -fPIC -fstack-protector -O2 -lpthread -laio -lnuma -lpcre2-8 -lcrypt -lz -lm -lssl -lcrypto -ldl

This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 03:45.