

www.phoronix-test-suite.com

test-redis

KVM testing on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

4 x AMD EPYC-Milan - Red Hat QXL paravirtual graphic

Processor: 4 x AMD EPYC-Milan (16 Cores / 32 Threads), Motherboard: QEMU Standard PC (i440FX + PIIX 1996) (1.13.0-1ubuntu1.1 BIOS), Chipset: Intel 440FX 82441FX PMC, Memory: 4 x 16384 MB RAM QEMU, Disk: 107GB QEMU HDD, Graphics: Red Hat QXL paravirtual graphic card, Audio: NVIDIA Device 1aef, Network: 2 x Red Hat Virtio device

OS: Ubuntu 20.04, Kernel: 5.4.0-113-generic (x86_64), Vulkan: 1.1.182, Compiler: GCC 9.4.0, File-System: ext4, Screen Resolution: 1024x768, System Layer: KVM

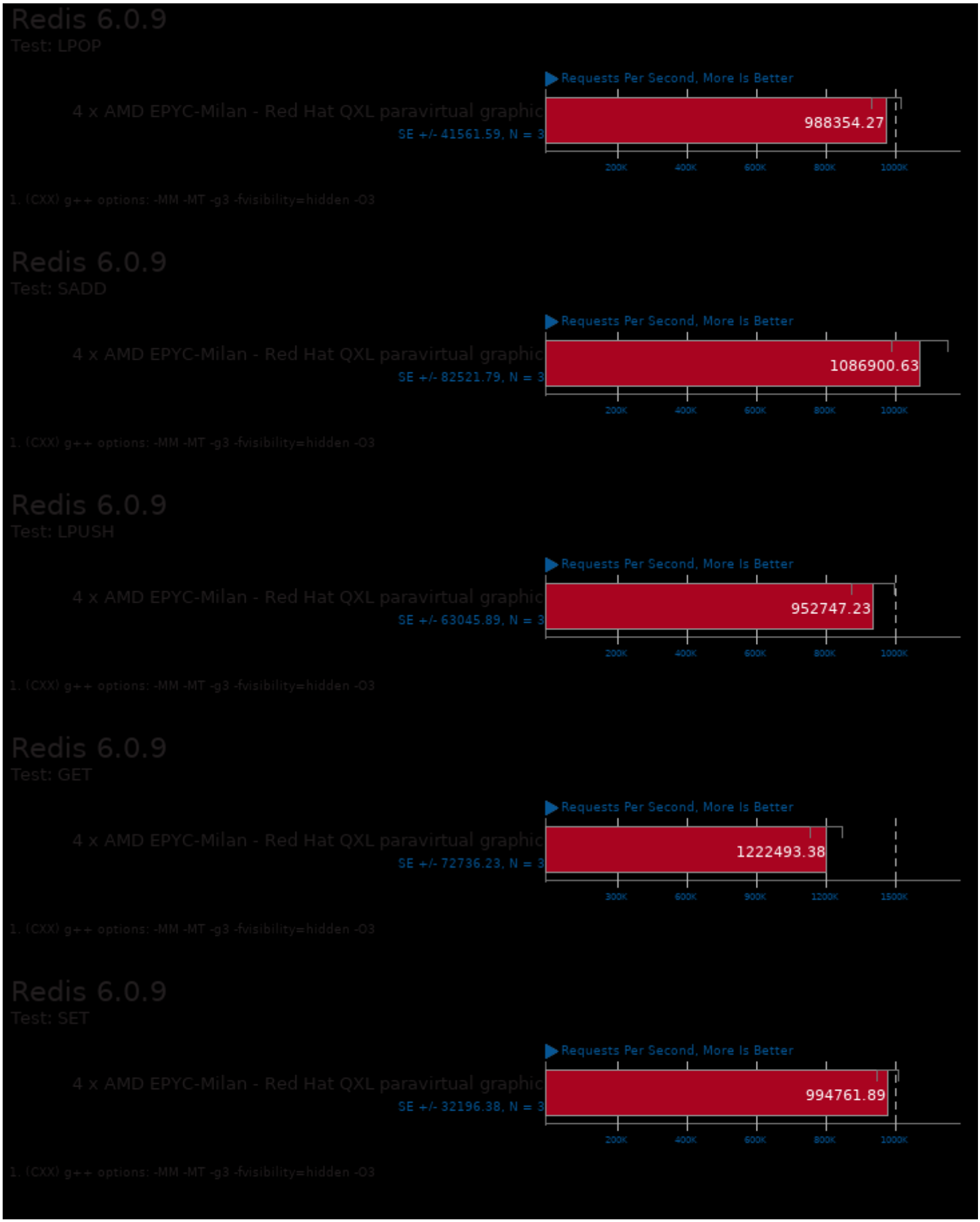
Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-9-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

test-redis

--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: 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 Retpolines IBPB: conditional IBRS_FW STIBP: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	4 x AMD EPYC-Milan - Red Hat QXL paravirtual graphic
Redis - LPOP (Reqs/sec)	988354
Standard Deviation	7.3%
Redis - SADD (Reqs/sec)	1086901
Standard Deviation	13.2%
Redis - LPUSH (Reqs/sec)	952747
Standard Deviation	11.5%
Redis - GET (Reqs/sec)	1222493
Standard Deviation	10.3%
Redis - SET (Reqs/sec)	994762
Standard Deviation	5.6%

test-redis



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

08:25.