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## **hpci-test-vm2-cephrbd-osbench**

KVM testing on Ubuntu 20.04 via the Phoronix Test Suite.

### **Test Systems:**

#### **hpci-test-vm2-cephrbd**

Processor: Common KVM (2 Cores), Motherboard: QEMU Standard PC (i440FX + PIIX 1996) (rel-1.13.0-48-gd9c812dda519-prebuilt.qemu.org BIOS), Chipset: Intel 440FX 82441FX PMC, Memory: 2048MB, Disk: 34GB QEMU HDD, Graphics: bochs-drmfb, Monitor: QEMU Monitor, Network: Intel 82540EM

OS: Ubuntu 20.04, Kernel: 5.4.0-81-generic (x86\_64), Vulkan: 1.0.2, Compiler: GCC 9.3.0, 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-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: 0x1

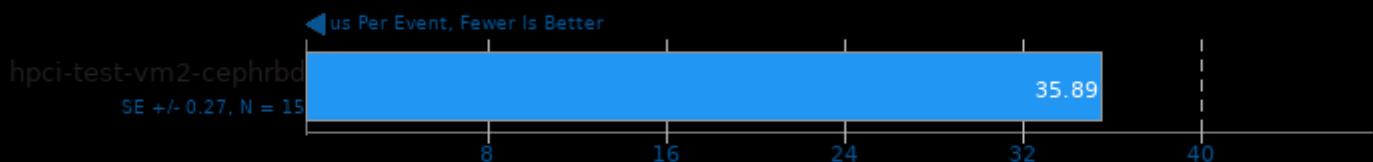
Security Notes: itlb\_multihit: KVM: Vulnerable + l1tf: Mitigation of PTE Inversion + mds: Vulnerable: Clear buffers attempted no microcode; SMT Host state unknown + meltdown: Mitigation of PTI + spec\_store\_bypass: Vulnerable + spectre\_v1: Mitigation of usercopy/swapgs barriers and \_\_user pointer sanitization + spectre\_v2: Mitigation of Full generic retpoline STIBP: disabled RSB filling + srbds: Not affected + tsx\_async\_abort: Not affected

**hpci-test-vm2-cephrbd**

<b>OSBench - Create Files (us/Event)</b>	35.894576
Standard Deviation	2.9%
<b>OSBench - Create Threads (us/Event)</b>	20.799637
Standard Deviation	0.8%
<b>OSBench - Launch Programs (us/Event)</b>	227.404753
Standard Deviation	10%
<b>OSBench - Create Processes (us/Event)</b>	67.868710
Standard Deviation	15.7%
<b>OSBench - Memory Allocations (Ns/Event)</b>	131.960392
Standard Deviation	1%

**OSBench**

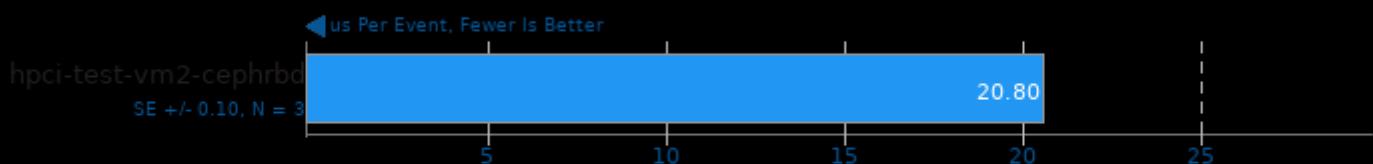
Test: Create Files



1. (CC) gcc options: -lm

**OSBench**

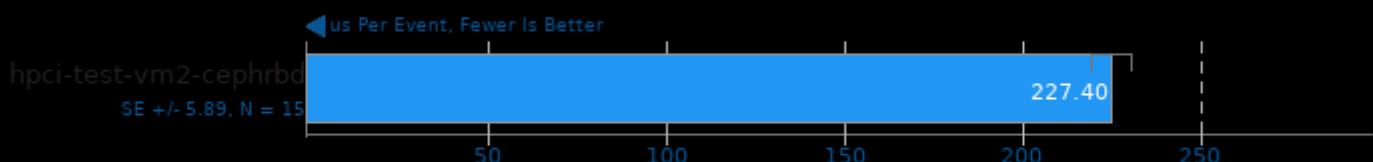
Test: Create Threads



1. (CC) gcc options: -lm

**OSBench**

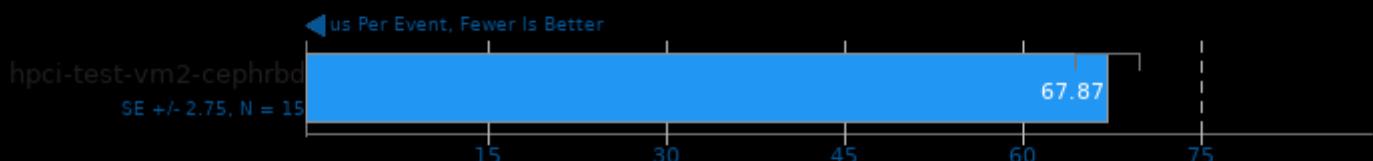
Test: Launch Programs



1. (CC) gcc options: -lm

**OSBench**

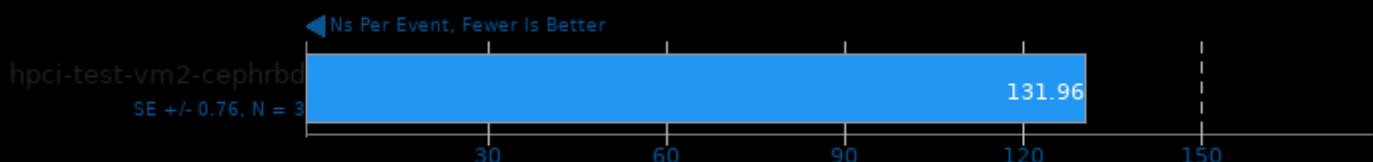
Test: Create Processes



1. (CC) gcc options: -lm

**OSBench**

Test: Memory Allocations



1. (CC) gcc options: -lm

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*This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 09:26.*