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## file-compression-kvm-cpu

KVM testing on Ubuntu 20.04 via the Phoronix Test Suite.

### Test Systems:

#### file-comp-kvm

Processor: Common KVM (4 Cores), Motherboard: QEMU Standard PC (i440FX + PIIX 1996) (rel-1.14.0-0-g155821a1990b-prebuilt.qemu.org BIOS), Chipset: Intel 440FX 82441FX PMC, Memory: 4096MB, Disk: 107GB QEMU HDD + 2 x 34GB QEMU HDD, Graphics: bochs-drmfb, Monitor: QEMU Monitor, Network: Red Hat Virtio device

OS: Ubuntu 20.04, Kernel: 5.4.0-121-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

Processor Notes: CPU Microcode: 0x1

Python Notes: Python 3.8.10

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 + mmio\_stale\_data: Not affected + spec\_store\_bypass: Vulnerable + spectre\_v1: Mitigation of usercopy/swapgs barriers and \_\_user pointer

sanitization + spectre\_v2: Mitigation of Retpolines STIBP: disabled RSB filling + srbds: Not affected + tsx\_async\_abort: Not affected

**file-comp-kvm****speedtest-cli - I.D.S (Mbit/s)** 458.53

Standard Deviation 30.9%

**speedtest-cli - I.U.S (Mbit/s)** 276.90

Standard Deviation 41.9%

**speedtest-cli - Internet Latency (ms)** 26.851

Standard Deviation 21.1%

**speedtest-cli 2.1.3**

Internet Download Speed

**speedtest-cli 2.1.3**

Internet Upload Speed

**speedtest-cli 2.1.3**

Internet Latency



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