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KVM QEMU testing on Kali 2021.2 via the Phoronix Test Suite.

Test Systems:

oneprovider6corescpu

Processor: 6 x QEMU Virtual (cpu64-rhel6) (6 Cores), Motherboard: Red Hat KVM (0.5.1 BIOS), Chipset: Red Hat Virtio, Memory: 1 x 8 GB RAM, Disk: 172GB QEMU HDD, Graphics: Cirrus Logic GD 5446, Audio: QEMU Generic, Network: Red Hat Virtio device

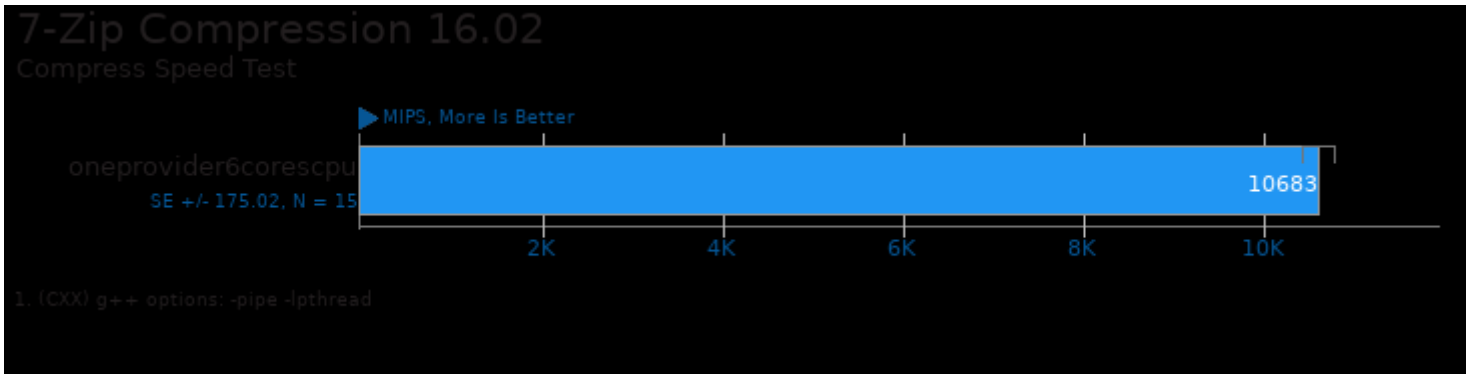
OS: Kali 2021.2, Kernel: 5.10.0-kali7-amd64 (x86_64), Desktop: Xfce, Display Server: X Server 1.20.11, Compiler: GCC 10.2.1 20210110 + Clang 11.0.1-2, File-System: ext4, Screen Resolution: 1024x768, System Layer: KVM QEMU

Kernel Notes: Transparent Huge Pages: always
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --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++,m2 --enable-libphobos-checking=release --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-mutex --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-10-Km9U7s/gcc-10-10.2.1/debian/tmp-nvptx/usr,amdgcn-amdhsa=/build/gcc-10-Km9U7s/gcc-10-10.2.1/debian/tmp-gcn/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-build-config=bootstrap-lto-lean --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: Mitigation of VMX unsupported + 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

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7-Zip Compression - C.S.T (MIPS)	10683
Standard Deviation	6.3%

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