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Microsoft Hyper-V Server testing on Ubuntu 18.04 via the Phoronix Test Suite.

Test Systems:

Microsoft Hyper-V virtual VGA

Processor: Intel Xeon E5-2690 v4 (6 Cores), Motherboard: Microsoft Virtual Machine v7.0 (090008 BIOS), Chipset: Intel 440BX/ZX/DX, Memory: 1024 MB + 32767 MB + 32767 MB + 32767 MB + 15363 MB, Disk: 32GB Virtual Disk + 790GB Virtual Disk, Graphics: Microsoft Hyper-V virtual VGA 16GB

OS: Ubuntu 18.04, Kernel: 5.4.0-1055-azure (x86_64), Display Server: X Server, Display Driver: NVIDIA, OpenCL: OpenCL 3.0 CUDA 11.3.55, Compiler: GCC 7.5.0 + CUDA 10.0, File-System: ext4, Screen Resolution: 1152x864, System Layer: Microsoft Hyper-V Server

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++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --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

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--with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic --without-cuda-driver -v
Processor Notes: CPU Microcode: 0xffffffff
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: Vulnerable: Clear buffers attempted no microcode; SMT Host state unknown

	Microsoft Hyper-V virtual VGA
Mixbench - OpenCL - Single Precision (GFLOPS)	7313
Standard Deviation	2.4%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 03:33.