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pv_sysbench

Xen 4.9.2 Hypervisor testing on Ubuntu 18.04 via the Phoronix Test Suite.

Test Systems:

Intel Xeon E5-2630 v3

Processor: Intel Xeon E5-2630 v3 (1 Core / 12 Threads), Memory: 32GB, Disk: 16GB

OS: Ubuntu 18.04, Kernel: 4.15.0-169-generic (x86_64), Compiler: GCC 7.5.0, File-System: ext3, System Layer: Xen 4.9.2 Hypervisor

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 --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: 0x3a
Security Notes: itlb_multihit: KVM: Vulnerable + l1tf: Mitigation of PTE Inversion + mds: Vulnerable: Clear buffers attempted no microcode; SMT Host state unknown + meltdown: Vulnerable + 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

	Intel Xeon E5-2630 v3
CacheBench - R.M.W (MB/s)	31300
Standard Deviation	5.4%

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