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AlmalinuxHyperVgen2

microsoft testing on AlmaLinux 8.4 via the Phoronix Test Suite.

Test Systems:

Hyper-V Server 2019 gen2

Processor: AMD Ryzen 5 3600 6-Core (2 Cores / 4 Threads), Motherboard: Microsoft Virtual Machine (Hyper-V UEFI v4.0 BIOS), Memory: 3968 MB + 128 MB, Disk: 54GB Virtual Disk, Graphics: hyperv_fb

OS: AlmaLinux 8.4, Kernel: 4.18.0-305.19.1.el8_4.x86_64 (x86_64), Compiler: GCC 8.4.1 20200928, File-System: xfs, Screen Resolution: 1024x768, System Layer: microsoft

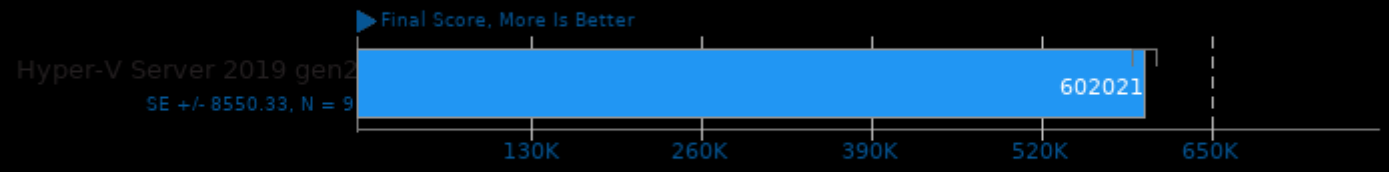
Kernel Notes: Transparent Huge Pages: always
Disk Notes: NONE / attr2,inode64,logbsize=32k,logbufs=8,noquota,relatime,rw,seclabel / Block Size: 4096
Processor Notes: CPU Microcode: 0xffffffff
Security Notes: SELinux + itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

AlmalinuxHyperVgen2

	Hyper-V Server 2019 gen2
BlogBench - Read (Final Score)	602021
Standard Deviation	4.3%
BlogBench - Write (Final Score)	4449
Standard Deviation	4.1%
t-test1 - 1 (sec)	26.451
Standard Deviation	1.6%
t-test1 - 2 (sec)	8.783
Standard Deviation	2.5%
iPerf - 192.168.1.27 - 5201 - 360 Seconds - TCP - 20 (Mbits/s)	941
John The Ripper - Blowfish (Real C/S)	2553
Standard Deviation	2.5%
John The Ripper - MD5 (Real C/S)	120861
Standard Deviation	1.2%
7-Zip Compression - C.S.T (MIPS)	9246
Standard Deviation	0.6%
OpenSSL - SHA256 (byte/s)	1587021323
Standard Deviation	0.2%
OpenSSL - RSA4096 (sign/s)	319.6
Standard Deviation	0.7%
OpenSSL - RSA4096 (verify/s)	20570
Standard Deviation	1.5%
MariaDB - 16 (Queries/sec)	985
Standard Deviation	0.6%
SQLite Speedtest - Timed Time - Size 1,000 (sec)	106.763
Standard Deviation	0.9%
PHPBench - P.B.S (Score)	318665
Standard Deviation	0.3%

BlogBench 1.1

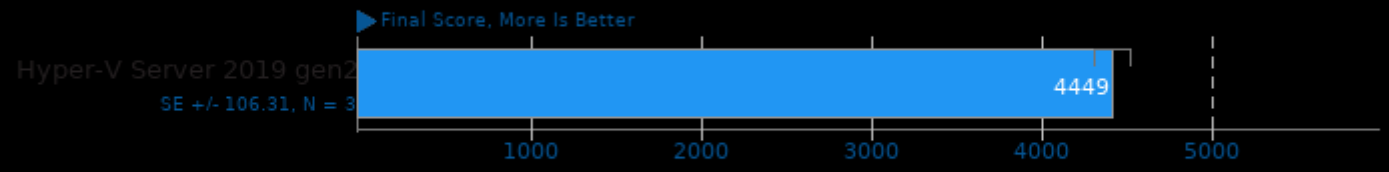
Test: Read



1. (CC) gcc options: -O2 -pthread

BlogBench 1.1

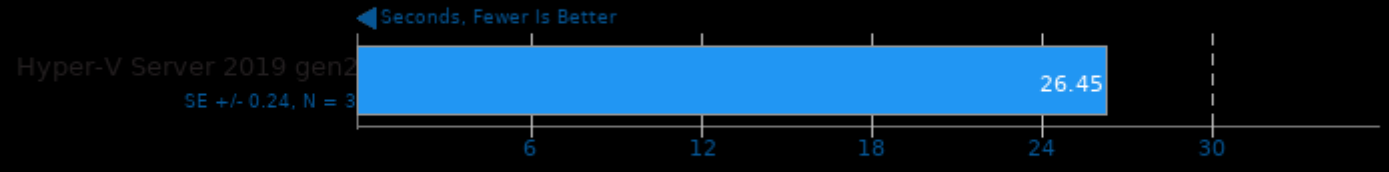
Test: Write



1. (CC) gcc options: -O2 -pthread

t-test1 2017-01-13

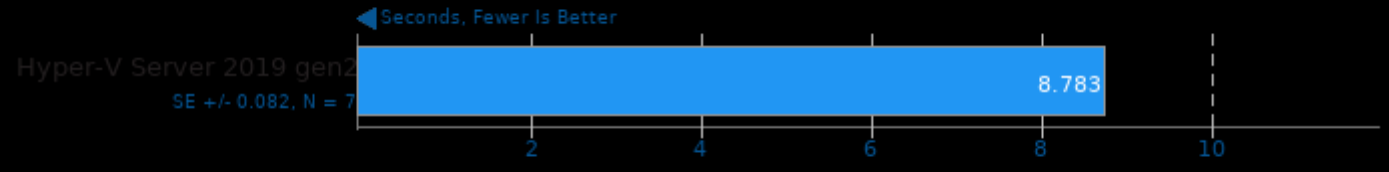
Threads: 1



1. (CC) gcc options: -pthread

t-test1 2017-01-13

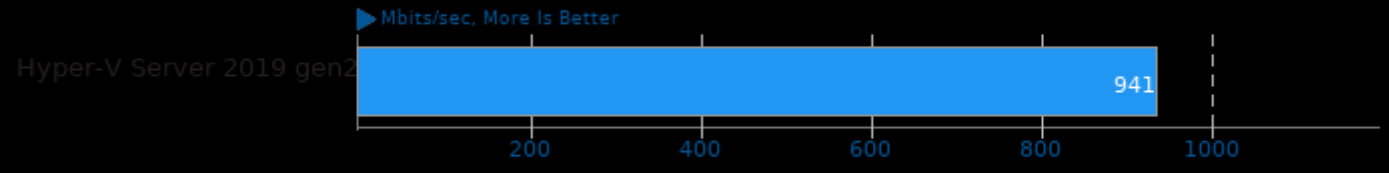
Threads: 2



1. (CC) gcc options: -pthread

iPerf 3.7

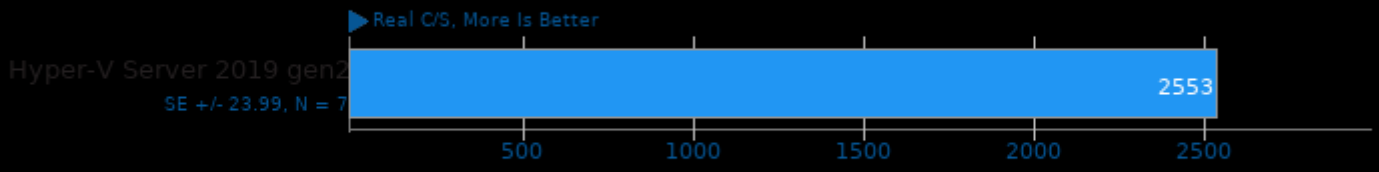
Server Address: 192.168.1.27 - Server Port: 5201 - Duration: 360 Seconds - Test: TCP - Parallel: 20



1. (CC) gcc options: -O3 -march=native -lssl -lcrypto -lm

John The Ripper 1.9.0-jumbo-1

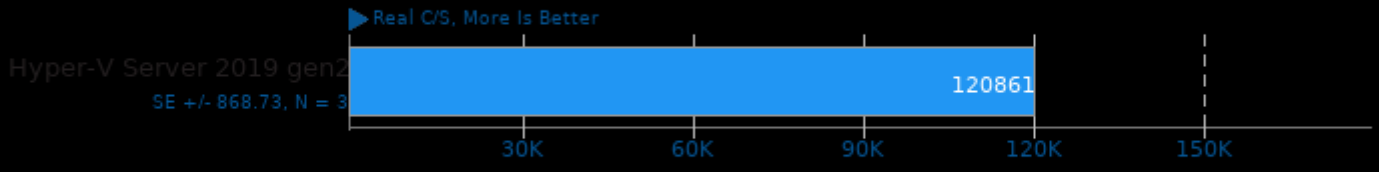
Test: Blowfish



1. (CC) gcc options: -m64 -lssl -lcrypto -fopenmp -pthread -lm -lz -ldl -lcrypt -lbz2

John The Ripper 1.9.0-jumbo-1

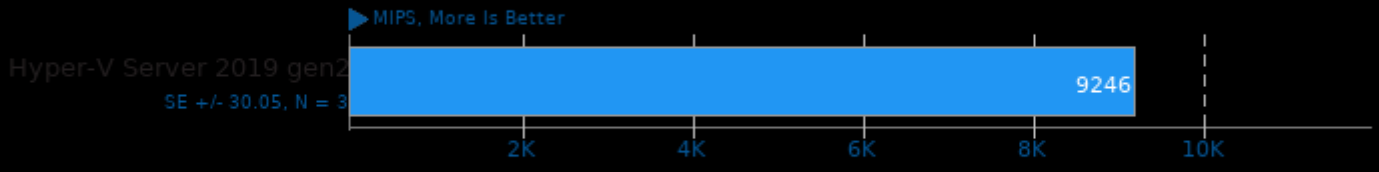
Test: MD5



1. (CC) gcc options: -m64 -lssl -lcrypto -fopenmp -pthread -lm -lz -ldl -lcrypt -lbz2

7-Zip Compression 16.02

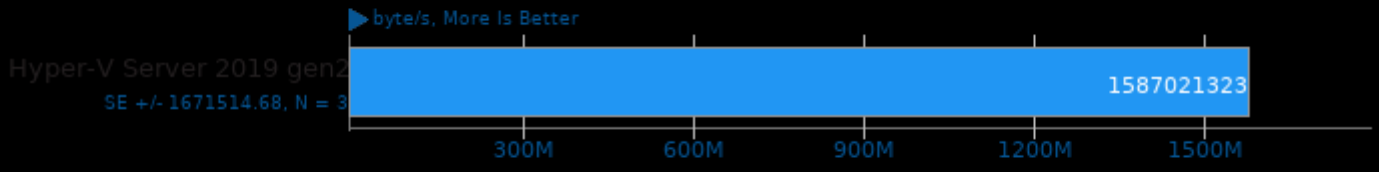
Compress Speed Test



1. (CXX) g++ options: -pipe -lpthread

OpenSSL 3.0

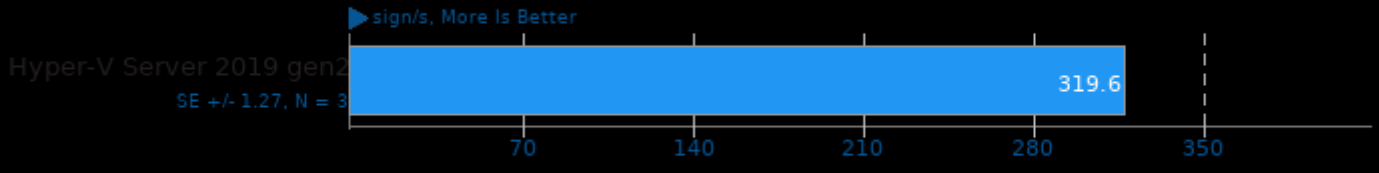
Algorithm: SHA256



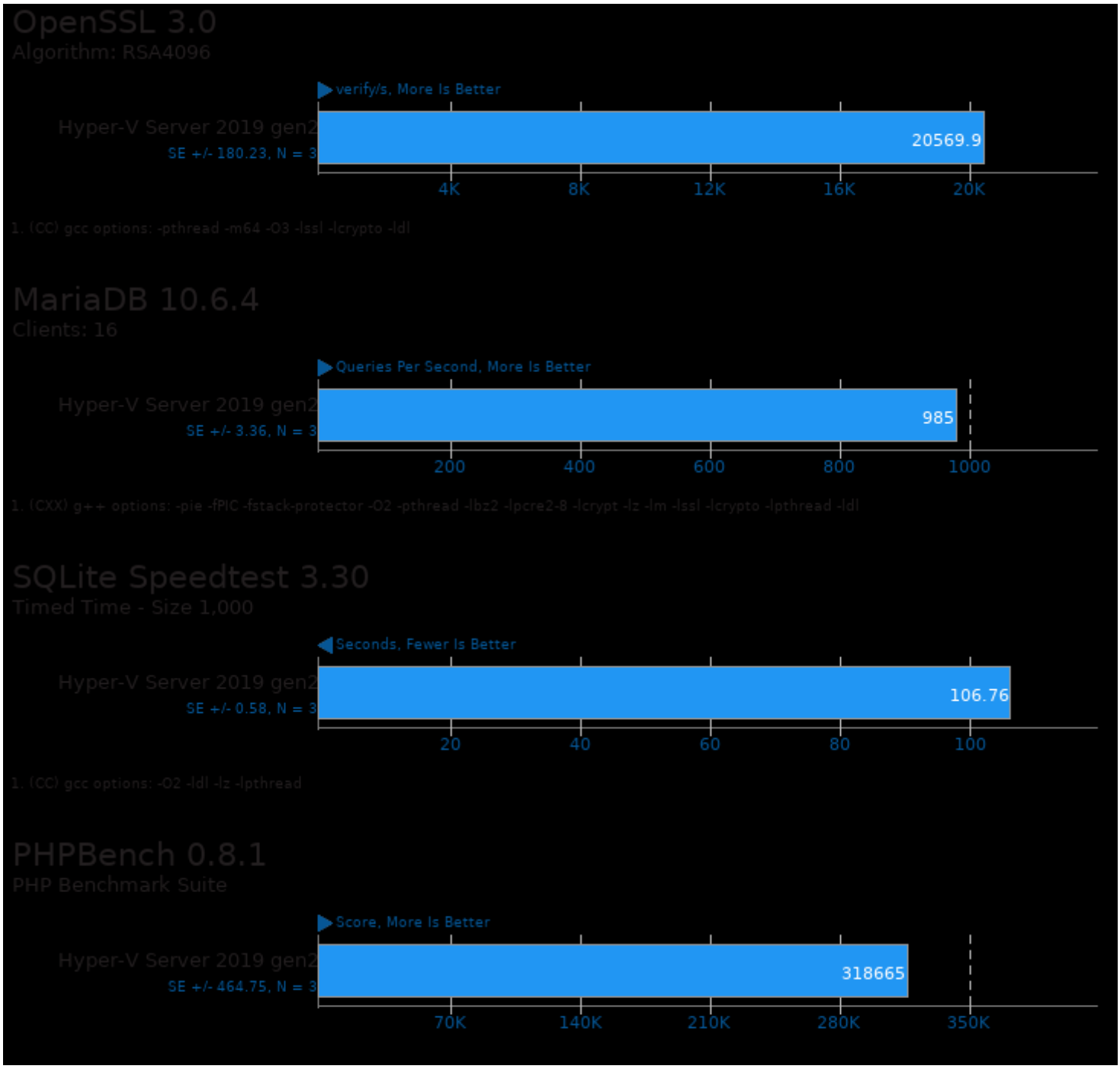
1. (CC) gcc options: -pthread -m64 -O3 -lssl -lcrypto -ldl

OpenSSL 3.0

Algorithm: RSA4096



1. (CC) gcc options: -pthread -m64 -O3 -lssl -lcrypto -ldl



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 10:26.