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c5-4x-16c-32gb

KVM testing on Debian 11 via the Phoronix Test Suite.

Test Systems:

Intel Xeon Platinum 8275CL

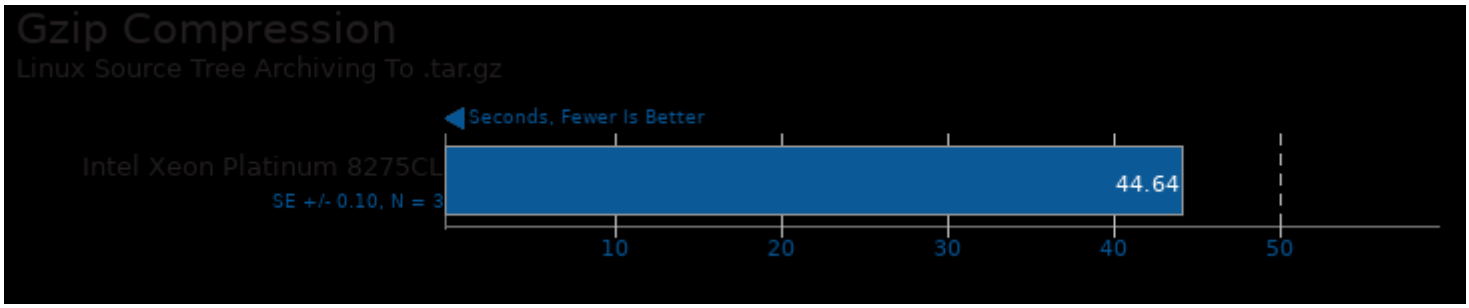
Processor: Intel Xeon Platinum 8275CL (8 Cores / 16 Threads), Motherboard: Amazon EC2 c5.4xlarge (1.0 BIOS), Chipset: Intel 440FX 82441FX PMC, Memory: 32GB, Disk: 107GB Amazon Elastic Block Store, Network: Amazon Elastic

OS: Debian 11, Kernel: 5.10.0-12-cloud-amd64 (x86_64), File-System: ext4, System Layer: KVM

Kernel Notes: Transparent Huge Pages: always
Processor Notes: CPU Microcode: 0x500320a
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 Retpolines STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Not affected

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Gzip Compression - L.S.T.A.T.t.g (sec)	44.635
Standard Deviation	0.4%



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