

# New node.js LTS, GNU Debugger, libvirt Updates Arrive in Tumbleweed Snapshots

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One of those key packages was an update of the GNU Debugger, gdb 8.3, which was released in the 20190607 snapshot. The debugger enabled ada tests on ppc64le and riscv64; multitarget builds for riscv64 were also enabled. The snapshot also added unit test for Logical Volume Manager (LVM) over Modular Disk (MD) with the update of libstorage-ng 4.1.127. Several patches and bug fixes were applied with the update of libvirt 5.4.0, which also made an improvement to avoided unnecessary static linking that results in both the disk and memory footprint being reduced. Libvirt also introduced support for the md-clear CPUID bit. The python-libvirt-python 5.4.0 package added all new Application Programming Interfaces (APIs) and constants in libvirt 5.4.0. Text editor vim 8.1.1467 had multiple fixes, but the Tumbleweed snapshot introduced some new bugs and is currently trending at an 86 rating, according to the snapshot reviewer.

The two previous snapshots recorded an exceptional stable rating of 98 according to the snapshot reviewer.

Snapshot 20190606 updated just two packages. The nodejs10 package put out a new upstream Long-Term-Support (LTS) version with nodejs10 10.16.0, which upgraded upgrade openssl sources to 1.1.1b and libuv to 1.28.0. The other package update in the snapshot was xfdesktop 4.12.5; the package for the Xfce 4 Desktop Environment fixed icon sizes in settings, reset the desktop icon order and fixed a timer leak.

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**Links:**

[1] <http://www.tuxmachines.org/taxonomy/term/117>

[2] <https://news.opensuse.org/2019/06/13/new-node-js-lts-gnu-debugger-libvirt-updates-arrive-in-tumbleweed-snapshots/>