

Linux 4.4 Features

By *Roy Schestowitz*

Created 07/11/2015 - 1:32pm

Submitted by Roy Schestowitz on Saturday 7th of November 2015 01:32:07 PM Filed under [Linux](#) [1]

- [Btrfs In Linux 4.4 Has Many Improvements/Fixes](#) [2]

Chris Mason sent in the pull request today for updating the Btrfs file-system for Linux 4.4.

The Btrfs file-system in Linux 4.4 has a number of sub-volume quota improvements, many code clean-ups, and a number of allocator fixes based upon their usage at Facebook. The allocator fixes should also help improve the RAID 5/6 performance when the file-system is mounted with `ssd_spread` as previously it hit some CPU bottlenecks.

- [Linux 4.4 To Support Google Fiber TV Remote Controls & More](#) [3]

Dmitry Torokhov sent in the input driver updates today for the Linux 4.4 merge window.

New input driver support with Linux 4.4 includes handling the remote controls for the Google Fiber TV Box, FocalTech FT6236 touchscreen controller support, ROHM BU21023/24 touchscreen controller.

- [EXT4 In Linux 4.4 Brings Fixes, Particularly For Encryption Support](#) [4]

Besides the Btrfs pull request being sent in today for the Linux 4.4 merge window, the EXT4 updates were also sent in today by Ted Ts'o.

The EXT4 changes for Linux 4.4 largely come down to a smothering of bug-fixes for this stable Linux file-system. In particular, there's also fixes around the EXT4 encryption support

and Ted is encouraging any EXT4 encrypted users to update their patches against Linux 4.4 to avoid a memory leak and file-system corruption bug.

[Linux](#)

Source URL: <http://www.tuxmachines.org/node/82042>

Links:

- [1] <http://www.tuxmachines.org/taxonomy/term/63>
- [2] http://www.phoronix.com/scan.php?page=news_item&px=Linux-4.4-Btrfs-Improvements
- [3] http://www.phoronix.com/scan.php?page=news_item&px=Linux-4.4-Input-Pull
- [4] http://www.phoronix.com/scan.php?page=news_item&px=EXT4-For-Linux-4.4