

LXD 3.15 has been released

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Created *16/07/2019 - 12:48am*

Submitted by Roy Schestowitz on Tuesday 16th of July 2019 12:48:45 AM Filed under [Server](#) [1] [Software](#) [2]

The LXD team is very excited to announce the release of LXD 3.15!

This release both includes a number of major new features as well as some significant internal rework of various parts of LXD.

One big highlight is the transition to the dqlite 1.0 branch which will bring us more performance and reliability, both for our cluster users and for standalone installations. This rework moves a lot of the low-level database/replication logic to dedicated C libraries and significantly reduces the amount of back and forth going on between C and Go.

On the networking front, this release features a lot of improvements, adding support for IPv4/IPv6 filtering on bridges, MAC and VLAN filtering on SR-IOV devices and much improved DHCP server management.

We're also debuting a new version of our resources API which will now provide details on network devices and storage disks on top of extending our existing CPU, memory and GPU reporting.

And that's all before looking into the many other performance improvements, smaller features and bugfixes that went into this release.

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[1] <http://www.tuxmachines.org/taxonomy/term/147>

[2] <http://www.tuxmachines.org/taxonomy/term/38>

[3] <https://discuss.linuxcontainers.org/t/lxd-3-15-has-been-released/5218>