Security updates have been issued by Fedora (cryptopp), Mageia (apache), Slackware (httpd), and Ubuntu (squid, squid3).

Reproducible Builds

There have been 3 releases of rebuilderd this month, 0.14.0, and two minor bugfix releases, 0.14.1 and 0.14.2.

The 0.14.0 release introduced experimental support to rebuild Tails images in #66. Tails is a portable operating system that's known for its strong focus on privacy and security, and commonly used by activists, journalists and various human-rights NGOs. It already had reproducible images for a long time (since around 2017), but you had to reproduce the images manually. Starting with this release you can setup rebuilderd to monitor Tails for new releases and automatically attempt to recreate the release from source, on your own independent build system.

The goal behind reproducible builds is to ensure that no deliberate flaws have been introduced during compilation processes via promising or mandating that identical results are always generated from a given source. This allowing multiple third-parties to come to an agreement on whether a build was compromised or not by a system of distributed consensus.
In these reports we outline the most important things that have been happening in the world of reproducible builds in the past month:

- **TuxCare Services Launches Database Live Patching for MySQL, MariaDB and PostgreSQL - No Maintenance Window Required** [4] [Ed: Ambitious claims as they assume 100% assurance all patches would not cause any conflicts or require some form of human intervention, testing, debugging etc.]

  - TuxCare announced today the availability of DatabaseCare, its live patching service for the most common open-source enterprise-grade databases, MySQL, MariaDB and PostgreSQL -- which is a first in the industry.

- **Company That Routes Billions of Text Messages Quietly Says It Was Hacked** [5]

  A company that is a critical part of the global telecommunications infrastructure used by AT&T, T-Mobile, Verizon and several others around the world such as Vodafone and China Mobile, quietly disclosed that hackers were inside its systems for years, impacting more than 200 of its clients and potentially millions of cellphone users worldwide.

- **Syniverse Hack - Schneier on Security** [6]

  No details about the hack. It could be nothing. It could be a national intelligence service looking for information.

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[1] https://lwn.net/Articles/872029/rss