Security Leftovers

By Roy Schestowitz
Created 05/12/2021 - 10:50pm
Submitted by Roy Schestowitz on Sunday 5th of December 2021 10:50:12 PM Filed under Security

- **Linux Fixes Spectre V1 SWAPGS Mitigation After Being Partially Borked Since Last Year - Phoronix**

  This week's set of "x86/urgent" changes for the Linux 5.16-rc4 kernel due out later today has some Spectre V1 fixes after kernel commits last year ended up partially messing things up around its SWAPGS handling. These fixes in turn will also likely be back-ported to relevant stable kernel series.

  Thanks to an Alibaba engineer, Lai Jiangshan, are some important fixes around the Spectre V1 SWAPGS mitigation that are landing today in the mainline kernel.

- **Reproducible Builds: Reproducible Builds in November 2021**

  As a quick recap, whilst anyone may inspect the source code of free software for malicious flaws, almost all software is distributed to end users as pre-compiled binaries. The motivation behind the reproducible builds effort is therefore to ensure no flaws have been introduced during this compilation process by promising identical results are always generated from a given source, thus allowing multiple third-parties to come to a consensus on whether a build was compromised. If you are interested in contributing to our project, please visit our Contribute page on our website.

- **Reproducible Builds (diffoscope): diffoscope 195 released**

  The diffoscope maintainers are pleased to announce the release of diffoscope version 195. This version includes the following changes:
* Don't use the runtime platform's native endianness when unpacking .pyc files to fix test failures on big-endian machines.

Source URL: [http://www.tuxmachines.org/node/158764](http://www.tuxmachines.org/node/158764)

Links: