



# CVE-2020-14416

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2020-14416   |
| <b>State</b>           | PUBLIC   |
| <b>Assigner</b>        | cve@mitre.org  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2020-06-18 11:15:00 UTC  |
| <b>Updated</b>         | 2022-05-03 13:37:00 UTC  |
| <b>Description</b>     | In the Linux kernel before 5.4.16, a race condition in tty->disc_data handling in the slip and slcan line discipline could lead to |

## Risk And Classification

**Problem Types:** CWE-362 | CWE-416

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                   | Product                      | Version | Update | Edition | Language |
|------------------|--------------------------|------------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Linux</a>    | <a href="#">Linux Kernel</a> | All     | All    | All     | All      |
| Operating System | <a href="#">Linux</a>    | <a href="#">Linux Kernel</a> | All     | All    | All     | All      |
| Operating System | <a href="#">Opensuse</a> | <a href="#">Leap</a>         | 15.1    | All    | All     | All      |
| Operating System | <a href="#">Opensuse</a> | <a href="#">Leap</a>         | 15.2    | All    | All     | All      |

## References

| Reference   | Source  |
|---|---------|
| <a href="https://cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.4.16">cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.4.16</a> | MISC    |
| [security-announce] openSUSE-SU-2020:0935-1: important: Security update   | SUSE    |
| Bug 1162002 – VUL-0: CVE-2020-14416: kernel-source: can, slip: Protect tty->disc_data in write_wakeup and close with RCU          | MISC    |
| [security-announce] openSUSE-SU-2020:1153-1: important: Security update   | SUSE    |
| <a href="https://kernel/git/torvalds/linux.git">kernel/git/torvalds/linux.git</a> - Linux kernel source tree                      | MISC    |
| CVE Program record  | CVE.ORG |
| NVD vulnerability detail  | NVD     |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[174728](#) SUSE Enterprise Linux Security update for the Linux Kernel (SUSE-SU-2020:2122-1)

[174729](#) SUSE Enterprise Linux Security update for the Linux Kernel (SUSE-SU-2020:2106-1)

[670578](#) EulerOS Security Update for kernel (EulerOS-SA-2021-2336)

[750376](#) OpenSUSE Security Update for RT kernel (openSUSE-SU-2021:0242-1)

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