



CVE-2019-19768

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2019-19768 |
| State | PUBLIC |
| Assigner | cve@mitre.org |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2019-12-12 20:15:00 UTC |
| Updated | 2020-06-10 20:15:00 UTC |
| Description | In the Linux kernel 5.4.0-rc2, there is a use-after-free (read) in the <code>__blk_add_trace</code> function in <code>kernel/trace/blktrace.c</code> (which |

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|-----------------------|------------------------------|---------|--------|---------|----------|
| Operating System | Linux | Linux Kernel | 5.4.0 | All | All | All |
| Operating System | Linux | Linux Kernel | 5.4.0 | rc1 | All | All |
| Operating System | Linux | Linux Kernel | 5.4.0 | rc2 | All | All |
| Operating System | Linux | Linux Kernel | 5.4.0 | All | All | All |
| Operating System | Linux | Linux Kernel | 5.4.0 | rc1 | All | All |
| Operating System | Linux | Linux Kernel | 5.4.0 | rc2 | All | All |

References

| Reference | Source | Link | Tags |
|---|---------|---|--------------|
| USN-4345-1: Linux kernel vulnerabilities Ubuntu security notices | UBUNTU | usn.ubuntu.com | |
| 205711 – LINUX KERNEL 5.4.0-rc2 - <code>__blk_add_trace</code> use-after-free | MISC | bugzilla.kernel.org | Issue Tracki |
| USN-4342-1: Linux kernel vulnerabilities Ubuntu security notices | UBUNTU | usn.ubuntu.com | |
| USN-4344-1: Linux kernel vulnerabilities Ubuntu security notices | UBUNTU | usn.ubuntu.com | |
| December 2019 Linux Kernel Vulnerabilities in NetApp Products NetApp Product Security | CONFIRM | security.netapp.com | |
| USN-4346-1: Linux kernel vulnerabilities Ubuntu security notices | UBUNTU | usn.ubuntu.com | |
| [SECURITY] [DLA 2241-2] linux security update | MLIST | lists.debian.org | |
| [security-announce] openSUSE-SU-2020:0388-1: important: Security update | SUSE | lists.opensuse.org | |

| | | | |
|--|---------|---|--------------|
| [SECURITY] [DLA 2242-1] linux-4.9 security update | MLIST | lists.debian.org | |
| [SECURITY] [DLA 2241-1] linux security update | MLIST | lists.debian.org | |
| Debian -- Security Information -- DSA-4698-1 linux | DEBIAN | www.debian.org | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, a |

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[377065](#) Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2020:0113)

[750691](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2020:1141-1)

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