



CVE-2019-19078

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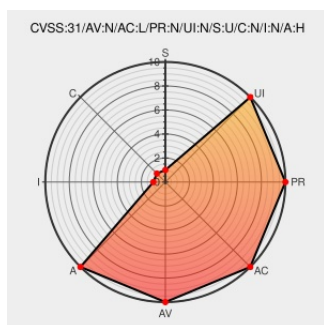
CVE-2019-19078

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Ubuntu Linux](#) from [Canonical](#) contain the following vulnerability:

A memory leak in the `ath10k_usb_hif_tx_sg()` function in `drivers/net/wireless/ath/ath10k/usb.c` in the Linux kernel through 5.3.11 allows attackers to cause a denial of service (memory consumption) by triggering `usb_submit_urb()` failures, aka CID-b8d17e7d93d2.

CVE-2019-19078 has been assigned by [M](#) [cve@mitre.org](#) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: **7.8 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
[SECURITY] Fedora 31 Update: kernel-5.3.13-300.fc31 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2019-91f6e7bb71

November 2019 Linux Kernel
Vulnerabilities in NetApp
Products | NetApp Product
Security

[security.netapp.com](https://security.netapp.com/text/html)
[text/html](#)

 [CONFIRM security.netapp.com/advisory/ntap-20191205-0001/](https://security.netapp.com/advisory/ntap-20191205-0001/)

USN-4284-1: Linux kernel
vulnerabilities | Ubuntu security
notices | Ubuntu

[usn.ubuntu.com](https://usn.ubuntu.com/text/html)
[text/html](#)

 [UBUNTU USN-4284-1](#)

USN-4287-2: Linux kernel
(Azure) vulnerabilities | Ubuntu
security notices | Ubuntu

[usn.ubuntu.com](https://usn.ubuntu.com/text/html)
[text/html](#)

 [UBUNTU USN-4287-2](#)

ath10k: fix memory leak ·
torvalds/linux@b8d17e7 ·
GitHub

[Patch](#)
[Third Party Advisory](#)
github.com
[text/html](#)

 [MISC](#)
github.com/torvalds/linux/commit/b8d17e7d93d2beb89e4f34c59996376b8b544792

USN-4258-1: Linux kernel
vulnerabilities | Ubuntu security
notices | Ubuntu

[usn.ubuntu.com](https://usn.ubuntu.com/text/html)
[text/html](#)

 [UBUNTU USN-4258-1](#)

[security-announce]
openSUSE-SU-2019:2675-1:
important: Security update

[lists.opensuse.org](https://lists.opensuse.org/text/html)
[text/html](#)

 [SUSE openSUSE-SU-2019:2675](#)

[SECURITY] Fedora 30
Update: kernel-5.3.13-200.fc30
- package-announce - Fedora
Mailing-Lists

[lists.fedoraproject.org](https://lists.fedoraproject.org/text/html)
[text/html](#)

 [FEDORA FEDORA-2019-8846a1a5a2](#)

USN-4287-1: Linux kernel
vulnerabilities | Ubuntu security
notices | Ubuntu

[usn.ubuntu.com](https://usn.ubuntu.com/text/html)
[text/html](#)

 [UBUNTU USN-4287-1](#)

Oracle Critical Patch Update
Advisory - April 2021

[www.oracle.com](https://www.oracle.com/text/html)
[text/html](#)

 [MISC www.oracle.com/security-alerts/cpuApr2021.html](#)

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

Operating System	Linux	Linux Kernel	All	All	All	All
cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:esm:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:esm:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:lts:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:19.10:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:						
No vendor comments have been submitted for this CVE						
Social Mentions						
Source	Title					Posted (UTC)
← Previous ID Next ID →						