

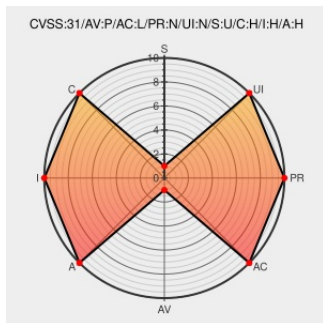


CVE-2019-19531

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CVE-2019-19531

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

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

In the Linux kernel before 5.2.9, there is a use-after-free bug that can be caused by a malicious USB device in the drivers/usb/misc/yurex.c driver, aka CID-fc05481b2fca.

CVE-2019-19531 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.8 - MEDIUM**

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

CVSS2 Score: **4.6 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
kernel/git/torvalds/linux.git - Linux kernel source tree	Patch Vendor Advisory git.kernel.org text/html	MISC git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git/commit/?id=fc05481b2fcabaaeccf63e32ac1baab54e5b6963

[Release Notes](#)
[Vendor Advisory](#)
[cdn.kernel.org](#)
[text/plain](#)

 [MISC cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.2.9](https://cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.2.9)

[SECURITY] [DLA 2114-1] linux-4.9 security update

[lists.debian.org](#)
[text/html](#)

 [MLIST \[debian-lts-announce\] 20200302 \[SECURITY\] \[DLA 2114-1\] linux-4.9 security update](#)

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

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

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

oss-security - Linux kernel: multiple vulnerabilities in the USB subsystem x3

[Mailing List](#)
[Third Party Advisory](#)
[www.openwall.com](#)
[text/html](#)

 [MLIST \[oss-security\] 20191203 Linux kernel: multiple vulnerabilities in the USB subsystem x3](#)

[SECURITY] [DLA 2068-1] linux security update

[lists.debian.org](#)
[text/html](#)

 [MLIST \[debian-lts-announce\] 20200118 \[SECURITY\] \[DLA 2068-1\] linux security update](#)

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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	Debian	Debian Linux	8.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All

cpe:2.3:o:debian:debian_linux:8.0:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:

cpe:2.3:o:opensuse:leap:15.1:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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