CVE-2019-19531

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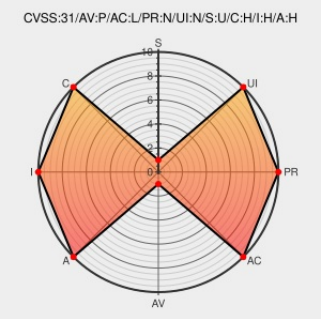
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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 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
[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

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

← Previous ID

Next ID→

CVE.report and Source URL Uptime Status status.cve.report