

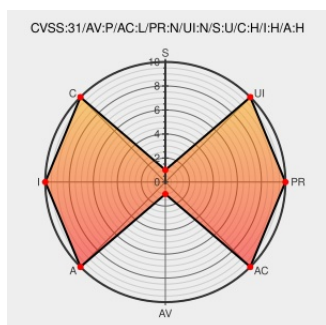


CVE-2019-19527

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CVE-2019-19527

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

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

In the Linux kernel before 5.2.10, there is a use-after-free bug that can be caused by a malicious USB device in the drivers/hid/usbhid/hiddev.c driver, aka CID-9c09b214f30e.

CVE-2019-19527 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: **7.2 - HIGH**

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

CVE References

Description	Tags	Link
	Issue Tracking Vendor Advisory cdn.kernel.org text/plain	MISC cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.2.10

[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
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=6d4472d7bec39917b54e4e80245784ea5d60ce49
[security-announce] openSUSE-SU-2020:0336-1: important: Security update	lists.opensuse.org text/html	 SUSE openSUSE-SU-2020:0336
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	Third Party Advisory lists.debian.org text/html	 MLIST [debian-lts-announce] 20200118 [SECURITY] [DLA 2068-1] linux security update
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=9c09b214f30e3c11f9b0b03f89442df03643794d

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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	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: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

Social Mentions

Source	Title	Posted (UTC)
 /r/synology	DSM Version: 7.1.1-42951 (Release Candidate)	2022-08-10 06:07:14
 /r/synology	Has anyone seen the release notes for the latest DSM 7.1.1 Release Candidate. Fixes a scary amount of CVEs.	2022-08-16 14:26:29
 /r/synology	DSM 7.1.1-42962 released!	2022-09-05 11:39:36
 /r/asustor	ADM 4.1.0.RLQ1 update available (2022-09-28)	2022-10-08 04:00:04

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