



CVE-2019-19524

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

Summary

CVE	CVE-2019-19524
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-12-03 16:15:00 UTC
Updated	2022-10-31 14:52:00 UTC
Description	In the Linux kernel before 5.3.12, there is a use-after-free bug that can be caused by a malicious USB device in the drivers/

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

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	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	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

References

Reference	Source	Link	Tags
Bugtraq: [slackware-security] Slackware 14.2 kernel (SSA:2020-008-01)	BUGTRAQ	seclists.org	
cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.3.12	MISC	cdn.kernel.org	Vendor
USN-4228-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
USN-4228-2: Linux kernel (Xenial HWE) vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	Patch, V
USN-4226-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	

[SECURITY] [DLA 2114-1] linux-4.9 security update	MLIST	lists.debian.org	
USN-4225-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
USN-4227-2: Linux kernel (Azure) vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
[security-announce] openSUSE-SU-2019:2675-1: important: Security update	SUSE	lists.opensuse.org	Third Pa
oss-security - Linux kernel: multiple vulnerabilities in the USB subsystem x3	MLIST	www.openwall.com	Mailing L
USN-4227-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
Slackware Security Advisory - Slackware 14.2 kernel Updates ≈ Packet Storm	MISC	packetstormsecurity.com	
USN-4225-2: Linux kernel (HWE) vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
[SECURITY] [DLA 2068-1] linux security update	MLIST	lists.debian.org	
CVE Program record	CVE.ORG	www.cve.org	canonica
NVD vulnerability detail	NVD	nvd.nist.gov	canonica

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[159684](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2020-4431)

[940256](#) AlmaLinux Security Update for kernel (ALSA-2020:4431)

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