



CVE-2019-19947

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2019-19947
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-12-24 00:15:00 UTC
Updated	2022-11-09 21:49:00 UTC
Description	In the Linux kernel through 5.4.6, there are information leaks of uninitialized memory to a USB device in the drivers/net/can/

Risk And Classification

Problem Types: CWE-908

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	19.10	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Hardware	Netapp	Aff Baseboard Management Controller	a700s	All	All	All
Application	Netapp	Cloud Backup	-	All	All	All
Application	Netapp	Data Availability Services	-	All	All	All
Application	Netapp	E-series Santricity Os Controller	All	All	All	All
Application	Netapp	Fas/aff Baseboard Management Controller	-	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h610s	All	All	All
Hardware	Netapp	Solidfire Baseboard Management Controller	-	All	All	All
Application	Netapp	Solidfire Hci Management Node	-	All	All	All
Application	Netapp	Steelstore Cloud Integrated Storage	-	All	All	All

References

Reference	Source	Link
January 2020 Linux Kernel Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com
oss-security - CVE-2019-19947: Linux kernel can: kvaser_usb: kvaser_usb_leaf: some info-leaks vulnerabilities	MLIST	www.openwall.com
USN-4284-1: 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-4285-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
[SECURITY] [DLA 2068-1] linux security update	MLIST	lists.debian.org
USN-4427-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
USN-4485-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
can: kvaser_usb: kvaser_usb_leaf: Fix some info-leaks to USB devices · torvalds/linux@da2311a · GitHub	MISC	github.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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