



CVE-2018-20169

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Summary

CVE	CVE-2018-20169
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-12-17 07:29:00 UTC
Updated	2019-08-13 19:15:00 UTC
Description	An issue was discovered in the Linux kernel before 4.19.9. The USB subsystem mishandles size checks during the reading

Risk And Classification

Problem Types: CWE-400

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	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
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

References

Reference	Source	Link	Tags
USN-3879-2: Linux kernel (Xenial HWE) vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	Third Party Adv
USN-3879-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	Third Party Adv
Red Hat Customer Portal	REDHAT	access.redhat.com	
cdn.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.19.9	MISC	cdn.kernel.org	Mailing List, Pa
[SECURITY] [DLA 1731-2] linux regression update	MLIST	lists.debian.org	Mailing List, Th
[SECURITY] [DLA 1771-1] linux-4.9 security update	MLIST	lists.debian.org	Mailing List, Th

USB: check usb_get_extra_descriptor for proper size · torvalds/linux@704620a · GitHub	MISC	github.com	Patch, Third Pa
USN-4118-1: Linux kernel (AWS) vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
[SECURITY] [DLA 1731-1] linux security update	MLIST	lists.debian.org	Mailing List, Th
USN-4094-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	Mailing List, Pa
Red Hat Customer Portal	REDHAT	access.redhat.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, anal

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[908002](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (34325-1)