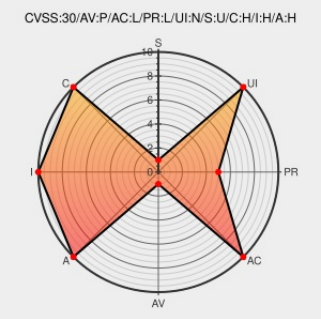
CVE-2017-16538

Published on: 11/03/2017 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:26:38 PM UTC

CVE-2017-16538

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



Certain versions of Linux Kernel from Linux contain the following vulnerability:

drivers/media/usb/dvb-usb-v2/lmedm04.c in the Linux kernel through 4.13.11 allows local users to cause a denial of service (general protection fault and system crash) or possibly have unspecified other impact via a crafted USB device, related to a missing warm-start check and incorrect attach timing (dm04_lme2510_frontend_attach versus dm04_lme2510_tuner).

CVE-2017-16538 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 6.6 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
PHYSICAL	LOW	LOW	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
[2/2] media: dvb-usb-v2: lmedm04: move ts2020 attach to dm04_lme2510_tuner - Patchwork	Patch, Third Party Advisory	MISC patchwork.linuxtv.org/patch/44567/

	patchwork.linuxtv.org text/html	
USN-3631-2: Linux kernel (Xenial HWE) vulnerabilities | Ubuntu security notices	usn.ubuntu.com text/html	UBUNTU USN-3631-2
USN-3631-1: Linux kernel vulnerabilities | Ubuntu security notices	usn.ubuntu.com text/html	UBUNTU USN-3631-1
Debian -- Security Information -- DSA-4082-1 linux	www.debian.org Depreciated Link text/html	DEBIAN DSA-4082
Debian -- Security Information -- DSA-4073-1 linux	www.debian.org Depreciated Link text/html	DEBIAN DSA-4073
[1/2] media: dvb-usb-v2: lmedm04: Improve logic checking of warm start. - Patchwork	Patch Third Party Advisory patchwork.linuxtv.org text/html	MISC patchwork.linuxtv.org/patch/44566/
[security-announce] SUSE-SU-2018:0011-1: important: Security update for	lists.opensuse.org text/html	SUSE SUSE-SU-2018:0011
USN-3754-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	usn.ubuntu.com text/html	UBUNTU USN-3754-1
Google Groups	Third Party Advisory groups.google.com text/html	MISC groups.google.com/d/msg/syzkaller/XwNidsl4X04/ti6I2IaRBAAJ

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→

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