CVE-2019-15291

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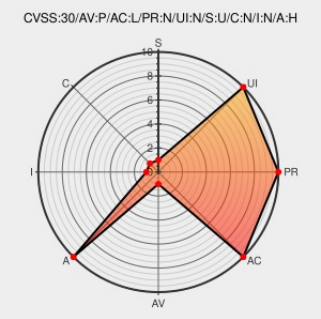
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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

An issue was discovered in the Linux kernel through 5.2.9. There is a NULL pointer dereference caused by a malicious USB device in the flexcop_usb_probe function in the drivers/media/usb/b2c2/flexcop-usb.c driver.

CVE-2019-15291 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 4.6 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
PHYSICAL	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: 4.9 - MEDIUM

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

CVE References

Description	Tags	Link
Bugtraq: [slackware-security] Slackware 14.2 kernel (SSA:2020-008-01)	seclists.org text/html	BUGTRAQ 20200109 [slackware-security] Slackware 14.2 kernel (SSA:2020-008-01)
general protection fault in flexcop_usb_probe	Exploit Third Party Advisory	MISC syzkaller.appspot.com/bug?id=c0203bd72037d07493f4b7562411e4f5f4553a8f

	syzkaller.appspot.com text/html	
[security-announce] openSUSE-SU-2019:2307-1: important: Security update	lists.opensuse.org text/html	SUSE openSUSE-SU-2019:2307
USN-4284-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	usn.ubuntu.com text/html	UBUNTU USN-4284-1
[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
USN-4287-2: Linux kernel (Azure) vulnerabilities | Ubuntu security notices | Ubuntu	usn.ubuntu.com text/html	UBUNTU USN-4287-2
USN-4258-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	usn.ubuntu.com text/html	UBUNTU USN-4258-1
USN-4254-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	usn.ubuntu.com text/html	UBUNTU USN-4254-1
oss-security - Re: Linux kernel: multiple vulnerabilities in the USB subsystem x2	Mailing List Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20190821 Re: Linux kernel: multiple vulnerabilities in the USB subsystem x2
USN-4254-2: Linux kernel (Xenial HWE) vulnerabilities | Ubuntu security notices | Ubuntu	usn.ubuntu.com text/html	UBUNTU USN-4254-2
[security-announce] openSUSE-SU-2019:2308-1: important: Security update	lists.opensuse.org text/html	SUSE openSUSE-SU-2019:2308
Slackware Security Advisory - Slackware 14.2 kernel Updates ≈ Packet Storm	packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/155890/Slackware-Security-Advisory-Slackware-14.2-kernel-Updates.html
USN-4287-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	usn.ubuntu.com text/html	UBUNTU USN-4287-1
oss-security - Linux kernel: multiple vulnerabilities in the USB subsystem x2	Mailing List Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20190820 Linux kernel: multiple vulnerabilities in the USB subsystem x2
[SECURITY] [DLA 2068-1] linux security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20200118 [SECURITY] [DLA 2068-1] linux security update
August 2019 Linux Kernel Vulnerabilities in NetApp Products | NetApp Product Security	security.netapp.com text/html	CONFIRM security.netapp.com/advisory/ntap-20190905-0002/

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

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