



CVE-2019-12454

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CVE-2019-12454

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Linux Kernel](#) from [Linux](#) contain the following vulnerability:

**** DISPUTED **** An issue was discovered in wcd9335_codec_enable_dec in sound/soc/codecs/wcd9335.c in the Linux kernel through 5.1.5. It uses kstrndup instead of kmemdup_nul, which allows attackers to have an unspecified impact via unknown vectors. NOTE: The vendor disputes this issues as not being a vulnerability because switching to kmemdup_nul() would only fix a security issue if the source string wasn't NUL-terminated, which is not the case.

CVE-2019-12454 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	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
No Description Provided	CVE-2019-12454	CVEIDM support@5e.com/en/article/1/12509670

No Description Provided

support.f5.com

text/html

CONFIRM

support.f5.com/csp/article/K13523672

kernel/git/broonie/sound.git - ASoC

Mailing List

Patch

Vendor Advisory

git.kernel.org

text/html

MISC

git.kernel.org/pub/scm/linux/kernel/git/broonie/sound.git/commit/?h=for-5.3&id=a54988113985ca22e414e132054f234fc8a92604

Bug 1136963 – VUL-1: CVE-2019-12454: kernel-source: An issue was discovered in wcd9335_codec_enable_dec in sound/soc/codecs/wcd9335.c in the Linux kernel

bugzilla.suse.com

text/html

MISC

bugzilla.suse.com/show_bug.cgi?id=1136963#c1

No Description Provided

support.f5.com

text/html

CONFIRM

support.f5.com/csp/article/K13523672?utm_source=f5support&utm_medium=RSS

LKML: Mark Brown: Applied "wcd9335: fix a incorrect use of kstrndup()" to the asoc tree

Mailing List

Patch

Third Party Advisory

lkml.org

text/xml

MISC

lkml.org/lkml/2019/5/29/705

[SECURITY] Fedora 30 Update: kernel-headers-5.1.7-300.fc30 - package-announce - Fedora Mailing-Lists

lists.fedoraproject.org

text/html

FEDORA

FEDORA-2019-f40bd7826f

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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 →