

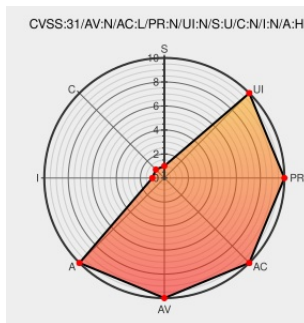


CVE-2019-19064

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CVE-2019-19064

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

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

**** DISPUTED **** A memory leak in the `fsl_lpspi_probe()` function in `drivers/spi/spi-fsl-lpspi.c` in the Linux kernel through 5.3.11 allows attackers to cause a denial of service (memory consumption) by triggering `pm_runtime_get_sync()` failures, aka CID-057b8945f78f.

NOTE: third parties dispute the relevance of this because an attacker cannot realistically control these failures at probe time.

CVE-2019-19064 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **7.8 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
spi: lpspi: fix memory leak in fsl_lpspi_probe ·	Patch Third Party Advisory	MISC github.com/torvalds/linux/commit/057b8945f78f76d0b04eeb5c27cd9225e5e7ad86

torvalds/linux@057b894 · GitHub

github.com
text/html

USN-4300-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu

usn.ubuntu.com
text/html

UBUNTU USN-4300-1

[SECURITY] Fedora 31 Update: kernel-5.3.12-300.fc31 - package-announce - Fedora Mailing-Lists

lists.fedoraproject.org
text/html

FEDORA FEDORA-2019-34a75d7e61

Bug 1157300 – VUL-1: DISPUTED: CVE-2019-19064: kernel-source: A memory leak in the fsl_lpspi_probe() function in drivers/spi/spi-fsl-lpspi.c

bugzilla.suse.com
text/html

MISC bugzilla.suse.com/show_bug.cgi?id=1157300

[SECURITY] Fedora 30 Update: kernel-5.3.12-200.fc30 - package-announce - Fedora Mailing-Lists

lists.fedoraproject.org
text/html

FEDORA FEDORA-2019-021c968423

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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