CVE-2019-19070

Published on: 11/18/2019 12:00:00 AM UTC

Last Modified on: 06/02/2021 03:38:00 PM UTC

CVE-2019-19070

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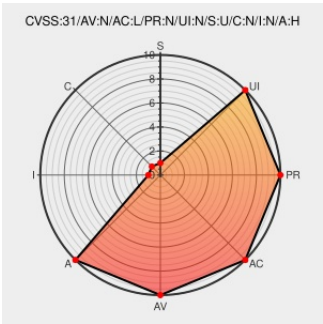

Certain versions of Fedora from Fedoraproject contain the following vulnerability:

** DISPUTED ** A memory leak in the spi_gpio_probe() function in drivers/spi/spi-gpio.c in the Linux kernel through 5.3.11 allows attackers to cause a denial of service (memory consumption) by triggering devm_add_action_or_reset() failures, aka CID-d3b0ffa1d75d. NOTE: third parties dispute the relevance of this because the system must have already been out of memory before the probe began.

CVE-2019-19070 has been assigned by 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
[SECURITY] Fedora 31 Update: kernel-5.3.12-300.fc31 -	lists.fedoraproject.org text/html	FEDORA FEDORA-2019-34a75d7e61

package-announce - Fedora Mailing-Lists		
Bug 1157294 – VUL-1: DISPUTED: CVE-2019-19070: kernel-source: memory leak in the spi_gpio_probe() function in drivers/spi/spi-gpio.c	bugzilla.suse.com text/html	MISC bugzilla.suse.com/show_bug.cgi?id=1157294
[SECURITY] Fedora 30 Update: kernel-5.3.12-200.fc30 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2019-021c968423
spi: gpio: prevent memory leak in spi_gpio_probe · torvalds/linux@d3b0ffa · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/torvalds/linux/commit/d3b0ffa1d75d5305ebe34735598993afbb8a869d

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	5.5	rc1	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

cpe:2.3:o:fedoraproject:fedora:30:*:*:*:*:*:*:*:

cpe:2.3:o:fedoraproject:fedora:31:*:*:*:*:*:*:*:

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

cpe:2.3:o:linux:linux_kernel:5.5:rc1:*:*:*:*:*:*:

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

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)

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