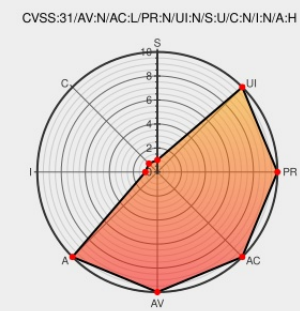
CVE-2019-18812

Published on: 11/07/2019 12:00:00 AM UTC

Last Modified on: 11/07/2023 03:07:00 AM UTC

CVE-2019-18812

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



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

A memory leak in the sof_dfsentry_write() function in sound/soc/sof/debug.c in the Linux kernel through 5.3.9 allows attackers to cause a denial of service (memory consumption), aka CID-c0a333d842ef.

CVE-2019-18812 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 30 Update: kernel-5.3.14-200.fc30 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2019-124a241044

November 2019 Linux Kernel Vulnerabilities in NetApp Products | NetApp Product Security	security.netapp.com text/html	CONFIRM security.netapp.com/advisory/ntap-20191205-0001/
[SECURITY] Fedora 31 Update: kernel-5.3.14-300.fc31 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2019-b86a7bdba0
ASoC: SOF: Fix memory leak in sof_dfsentry_write · torvalds/linux@c0a333d · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/torvalds/linux/commit/c0a333d842ef67ac04adc72ff79dc1ccc3dca4ed

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
Operating System	Linux	Linux Kernel	All	All	All	All

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

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

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→