



CVE-2019-18812

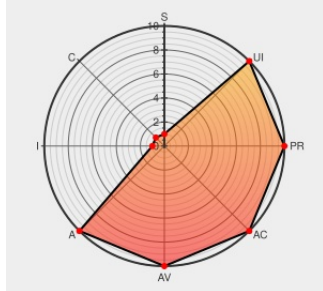
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CVE-2019-18812

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

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H



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

A memory leak in the `sof_dfentry_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 [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
[SECURITY] Fedora 30 Update: kernel-5.3.14-200.fc30 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2019-124a241044

[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

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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
Operating System	Linux	Linux Kernel	All	All	All	All

```
cpe:2.3:o:linux:linux_kernel:*****:.*
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```
cpe:2.3:o:linux:linux_kernel:*****:.*
```

No vendor comments have been submitted for this CVE

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