CVE-2019-19081

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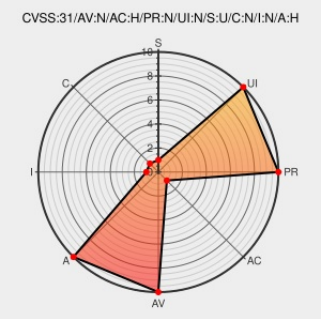
CVE-2019-19081

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



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

A memory leak in the nfp_flower_spawn_vnic_reprs() function in drivers/net/ethernet/netronome/nfp/flower/main.c in the Linux kernel before 5.3.4 allows attackers to cause a denial of service (memory consumption), aka CID-8ce39eb5a67a.

CVE-2019-19081 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.9 - MEDIUM

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

CVSS2 Score: 7.1 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
November 2019 Linux Kernel Vulnerabilities in NetApp Products | NetApp Product Security	Third Party Advisory, security.netapp.com, text/html	CONFIRM security.netapp.com/advisory/ntap-20191205-0001/

	Release Notes Vendor Advisory cdn.kernel.org text/plain	MISC cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.3.4
[security-announce] openSUSE-SU-2019:2675-1: important: Security update	Third Party Advisory lists.opensuse.org text/html	SUSE openSUSE-SU-2019:2675
nfp: flower: fix memory leak in nfp_flower_spawn_vnic_reprs · torvalds/linux@8ce39eb · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/torvalds/linux/commit/8ce39eb5a67aee25d9f05b40b673c95b23502e3e

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
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All

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

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

cpe:2.3:o:opensuse:leap:15.1:*:*:*:*:*:*:*:

cpe:2.3:o:opensuse:leap:15.1:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:8.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:8.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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