

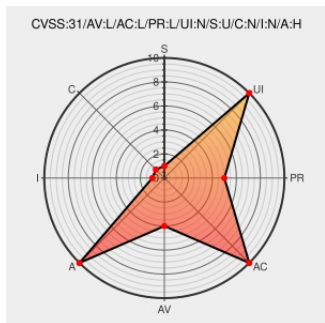


CVE-2019-19043

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CVE-2019-19043

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

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

A memory leak in the `i40e_setup_macvlans()` function in `drivers/net/ethernet/intel/i40e/i40e_main.c` in the Linux kernel through 5.3.11 allows attackers to cause a denial of service (memory consumption) by triggering `i40e_setup_channel()` failures, aka CID-27d461333459.

CVE-2019-19043 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **4.9 - MEDIUM**

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

CVE References

Description	Tags	Link
i40e: prevent memory leak in i40e_setup_macvlans · torvalds/linux@27d4613 · GitHub	Patch Third Party Advisory github.com	MISC github.com/torvalds/linux/commit/27d461333459d282ffa4a2bdb6b215a59d493a8f

Third Party Advisory
security.netapp.com
text/html



Third Party Advisory
usn.ubuntu.com
text/html

Third Party Advisory
lists.fedoraproject.org
text/html



Third Party Advisory
lists.fedoraproject.org
text/html

There are currently no QIDs associated with this CVE

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
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
cpe:2.3:o:canonical:ubuntu_linux:18.04:****:Its:***:						
cpe:2.3:o:canonical:ubuntu_linux:19.10:****:****:						
cpe:2.3:o:canonical:ubuntu_linux:18.04:****:Its:****:						

cpe:2.3:o:canonical:ubuntu_linux:19.10:*:*:*:*:*:
cpe:2.3:o:canonical:ubuntu_linux:19.10:*:*:*:*:*:
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cpe:2.3:o:fedoraproject:fedora:31:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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