

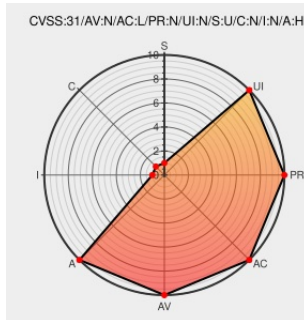


CVE-2019-19071

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

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CVE-2019-19071

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

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

A memory leak in the `rsi_send_beacon()` function in `drivers/net/wireless/rsi/rsi_91x_mgmt.c` in the Linux kernel through 5.3.11 allows attackers to cause a denial of service (memory consumption) by triggering `rsi_prepare_beacon()` failures, aka CID-d563131ef23c.

CVE-2019-19071 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
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

USN-4284-1: Linux kernel
vulnerabilities | Ubuntu security
notices | Ubuntu

usn.ubuntu.com[text/html](#) [UBUNTU USN-4284-1](#)

[SECURITY] Fedora 31 Update:
kernel-5.3.12-300.fc31 -
package-announce - Fedora
Mailing-Lists

lists.fedoraproject.org[text/html](#) [FEDORA FEDORA-2019-34a75d7e61](#)

USN-4287-2: Linux kernel
(Azure) vulnerabilities | Ubuntu
security notices | Ubuntu

usn.ubuntu.com[text/html](#) [UBUNTU USN-4287-2](#)

USN-4258-1: Linux kernel
vulnerabilities | Ubuntu security
notices | Ubuntu

usn.ubuntu.com[text/html](#) [UBUNTU USN-4258-1](#)

USN-4287-1: Linux kernel
vulnerabilities | Ubuntu security
notices | Ubuntu

usn.ubuntu.com[text/html](#) [UBUNTU USN-4287-1](#)

[SECURITY] Fedora 30 Update:
kernel-5.3.12-200.fc30 -
package-announce - Fedora
Mailing-Lists

lists.fedoraproject.org[text/html](#) [FEDORA FEDORA-2019-021c968423](#)

rsi: release skb if
rsi_prepare_beacon fails ·
torvalds/linux@d563131 · GitHub

[Patch](#)[Third Party Advisory](#)github.com[text/html](#) [MISC](#)github.com/torvalds/linux/commit/d563131ef23cbc756026f839a82598c8445bc45f

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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	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	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	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:esm:*:*:

cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:esm:*:*:
cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:lts:*:*:
cpe:2.3:o:canonical:ubuntu_linux:19.10:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:
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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