CVE-2019-16234

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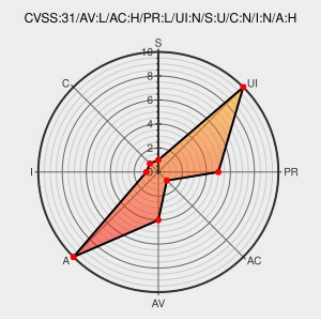
CVE-2019-16234

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



Certain versions of Ubuntu Linux from Canonical contain the following vulnerability:

drivers/net/wireless/intel/iwlwifi/pcie/trans.c in the Linux kernel 5.2.14 does not check the alloc_workqueue return value, leading to a NULL pointer dereference.

CVE-2019-16234 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 4.7 - MEDIUM

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

CVSS2 Score: 4.7 - MEDIUM

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

CVE References

Description	Tags	Link
September 2019 Linux Kernel Vulnerabilities in NetApp Products | NetApp Product Security	Third Party Advisory, security.netapp.com, text/html	CONFIRM security.netapp.com/advisory/ntap-20191004-0001/
USN-4345-1: Linux kernel vulnerabilities | Ubuntu security notices	Third Party Advisory	UBUNTU USN-4345-1

	usn.ubuntu.com text/html	
[security-announce] openSUSE-SU-2019:2392-1: important: Security update	Mailing List Third Party Advisory lists.opensuse.org text/html	SUSE openSUSE-SU-2019:2392
USN-4342-1: Linux kernel vulnerabilities | Ubuntu security notices	usn.ubuntu.com text/html	UBUNTU USN-4342-1
USN-4344-1: Linux kernel vulnerabilities | Ubuntu security notices	Third Party Advisory usn.ubuntu.com text/html	UBUNTU USN-4344-1
USN-4346-1: Linux kernel vulnerabilities | Ubuntu security notices	usn.ubuntu.com text/html	UBUNTU USN-4346-1
LKML: Semmle Security Reports: Multiple NULL deref on alloc_workqueue	Patch Third Party Advisory lkml.org text/xml	MISC lkml.org/lkml/2019/9/9/487
[security-announce] openSUSE-SU-2019:2444-1: important: Security update	Mailing List Third Party Advisory lists.opensuse.org text/html	SUSE openSUSE-SU-2019:2444

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	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	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	Linux	Linux Kernel	5.2.14	All	All	All
Operating System	Linux	Linux Kernel	5.2.14	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating	Opensuse	Leap	15.0	All	All	All

System

Operating System	Opensuse	Leap	15.1	All	All	All

cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:lts:*:*:*:

cpe:2.3:o:linux:linux_kernel:5.2.14:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:5.2.14:*:*:*:*:*:*:*:

cpe:2.3:o:opensuse:leap:15.0:*:*:*:*:*:*:*:

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

cpe:2.3:o:opensuse:leap:15.0:*:*:*:*:*:*:*:

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

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@BugsChromium	CVE-2019-16234 CrOS: Vulnerability reported in Linux kernel crbug.com/1004112	2021-11-09 19:12:02

← Previous ID

Next ID→