

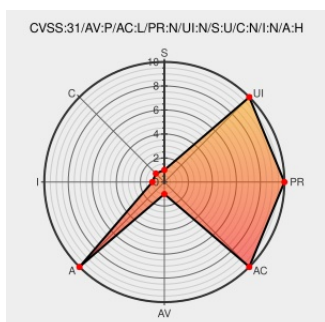


CVE-2019-15220

Published on: 08/19/2019 12:00:00 AM UTC

Last Modified on: 03/03/2023 03:01:00 PM UTC

CVE-2019-15220

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

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

An issue was discovered in the Linux kernel before 5.2.1. There is a use-after-free caused by a malicious USB device in the drivers/net/wireless/intersil/p54/p54usb.c driver.

CVE-2019-15220 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **4.6 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
PHYSICAL	LOW	NONE	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
[SECURITY] [DLA 1930-1] linux security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20190925 [SECURITY] [DLA 1930-1] linux security update
	Release Notes Vendor Advisory	MISC cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.2.1

	cdn.kernel.org text/plain	
USN-4286-2: Linux kernel (Xenial HWE) vulnerabilities Ubuntu security notices Ubuntu	usn.ubuntu.com text/html	 UBUNTU USN-4286-2
[security-announce] openSUSE-SU-2019:2181-1: important: Security update	lists.opensuse.org text/html	 SUSE openSUSE-SU-2019:2181
USN-4286-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	usn.ubuntu.com text/html	 UBUNTU USN-4286-1
USN-4118-1: Linux kernel (AWS) vulnerabilities Ubuntu security notices Ubuntu	usn.ubuntu.com text/html	 UBUNTU USN-4118-1
[security-announce] openSUSE-SU-2019:2173-1: important: Security update	lists.opensuse.org text/html	 SUSE openSUSE-SU-2019:2173
kernel/git/torvalds/linux.git - Linux kernel source tree	Patch Vendor Advisory git.kernel.org text/html	 MISC git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git/commit/?id=6e41e2257f1094acc37618bf6c856115374c6922
USN-4115-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	usn.ubuntu.com text/html	 UBUNTU USN-4115-1
KASAN: use-after-free Read in p54u_load_firmware_cb	Exploit Third Party Advisory syzkaller.appspot.com text/html	 MISC syzkaller.appspot.com/bug?id=082c09653e43e33a6a56f8c57cf051eeacae9d5f
oss-security - Linux kernel: multiple vulnerabilities in the USB subsystem x2	Mailing List Third Party Advisory www.openwall.com text/html	 MLIST [oss-security] 20190820 Linux kernel: multiple vulnerabilities in the USB subsystem x2
[SECURITY] [DLA 1919-2] linux-4.9 security update	lists.debian.org text/html	 MLIST [debian-lts-announce] 20190915 [SECURITY] [DLA 1919-2] linux-4.9 security update
[SECURITY] [DLA 1919-1] linux-4.9 security update	lists.debian.org text/html	 MLIST [debian-lts-announce] 20190914 [SECURITY] [DLA 1919-1] linux-4.9 security update
USN-4147-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	usn.ubuntu.com text/html	 UBUNTU USN-4147-1
August 2019 Linux Kernel Vulnerabilities in NetApp Products NetApp Product Security	security.netapp.com text/html	 CONFIRM security.netapp.com/advisory/ntap-20190905-0002/

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

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	19.04	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Hardware 🇹🇼 ↗️	Netapp	Baseboard Management Controller H410c	-	All	All	All
Operating System	Netapp	Baseboard Management Controller H410c Firmware	-	All	All	All
Application	Netapp	Data Availability Services	-	All	All	All
Hardware 🇹🇼 ↗️	Netapp	Solidfire Baseboard Management Controller	-	All	All	All
Application	Netapp	Solidfire Hci Management Node	-	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	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:19.04:*:*:*:*:*:						
cpe:2.3:o:debian:debian_linux:8.0:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:						
cpe:2.3:a:netapp:active_iq_unified_manager:-:*:*:*:vmware_vsphere:*:*:						
cpe:2.3:h:netapp:baseboard_management_controller_h410c:-:*:*:*:*:*:						
cpe:2.3:o:netapp:baseboard_management_controller_h410c_firmware:-:*:*:*:*:*:						
cpe:2.3:a:netapp:data_availability_services:-:*:*:*:*:*:						
cpe:2.3:h:netapp:solidfire_baseboard_management_controller:-:*:*:*:*:*:						
cpe:2.3:a:netapp:solidfire_&_hci_management_node:-:*:*:*:*:*:						
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

[← Previous ID](#)

[Next ID→](#)

© [CVE.report](#) 2023   |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)