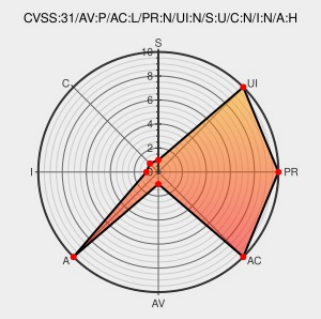
CVE-2019-15222

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

Last Modified on: 03/03/2023 02:58:00 PM UTC

CVE-2019-15222

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



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

An issue was discovered in the Linux kernel before 5.2.8. There is a NULL pointer dereference caused by a malicious USB device in the sound/usb/helper.c (motu_microbookii) driver.

CVE-2019-15222 has been assigned by 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
general protection fault in snd_usb_pipe_sanity_check	Exploit, Third Party Advisory, syzkaller.appspot.com, text/html	MISC syzkaller.appspot.com/bug?id=3ec1dad62657fef22282536d7532dbb65eee778a

[security-announce] openSUSE-SU-2019:2181-1: important: Security update	lists.opensuse.org text/html	SUSE openSUSE-SU-2019:2181
[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=5d78e1c2b7f4be00bbe62141603a631dc7812f35
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
	Release Notes Vendor Advisory cdn.kernel.org text/plain	MISC cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.2.8
August 2019 Linux Kernel Vulnerabilities in NetApp Products | NetApp Product Security	security.netapp.com text/html	CONFIRM security.netapp.com/advisory/ntap-20190905-0002/

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
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: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→