

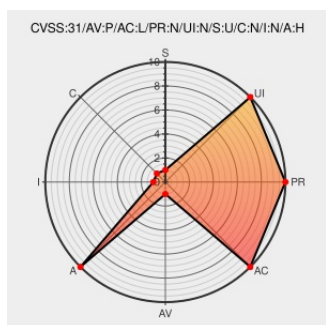


CVE-2019-15219

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

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

CVE-2019-15219

[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 5.1.8. There is a NULL pointer dereference caused by a malicious USB device in the drivers/usb/misc/sisusbvga/sisusb.c driver.

CVE-2019-15219 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
[security-announce] openSUSE-SU-2019:2181-1: important: Security update	lists.opensuse.org text/html	SUSE openSUSE-SU-2019:2181

oss-security - Re: Linux kernel: multiple vulnerabilities in the USB subsystem x2	Mailing List Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20190822 Re: Linux kernel: multiple vulnerabilities in the USB subsystem x2
oss-security - Re: Linux kernel: multiple vulnerabilities in the USB subsystem x2	Mailing List Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20190822 Re: Linux kernel: multiple vulnerabilities in the USB subsystem x2
oss-security - Re: Linux kernel: multiple vulnerabilities in the USB subsystem x2	www.openwall.com text/html	MLIST [oss-security] 20190822 Re: Linux kernel: multiple vulnerabilities in the USB subsystem x2
[security-announce] openSUSE-SU-2019:2173-1: important: Security update	lists.opensuse.org text/html	SUSE openSUSE-SU-2019:2173
oss-security - Re: Linux kernel: multiple vulnerabilities in the USB subsystem x2	Mailing List Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20190822 Re: Linux kernel: multiple vulnerabilities in the USB subsystem x2
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=9a5729f68d3a82786aea110b1bfe610be318f80a
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-5.1.8
[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
August 2019 Linux Kernel Vulnerabilities in NetApp Products NetApp Product Security	security.netapp.com text/html	CONFIRM security.netapp.com/advisory/ntap-20190905-0002/
general protection fault in sisusb_probe	Exploit Third Party Advisory syzkaller.appspot.com text/html	MISC syzkaller.appspot.com/bug?id=aaf6794922521df1c35c81e32cb2d0bb6a351e7b

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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	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: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

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