



CVE-2019-15118

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Summary

CVE	CVE-2019-15118
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-08-16 14:15:00 UTC
Updated	2024-02-03 02:25:00 UTC
Description	check_input_term in sound/usb/mixer.c in the Linux kernel through 5.2.9 mishandles recursion, leading to kernel stack exhaustion

Risk And Classification

Problem Types: CWE-674

NVD Known Affected Configurations (CPE 2.3)

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	10.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Application	Netapp	Data Availability Services	-	All	All	All
Hardware	Netapp	H410c	-	All	All	All
Operating System	Netapp	H410c Firmware	-	All	All	All
Application	Netapp	Hci Management Node	-	All	All	All
Application	Netapp	Solidfire	-	All	All	All
Hardware	Netapp	Solidfire Baseboard Management Controller	-	All	All	All
Operating System	Netapp	Solidfire Baseboard Management Controller Firmware	-	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All

Operating System	Opensuse	Leap	15.1	All	All	All
References						
Reference	Source	Link	Tags			
Bugtraq: [slackware-security] Slackware 14.2 kernel (SSA:2019-311-01)	BUGTRAQ	seclists.org				
[PATCH] Fix a stack buffer overflow bug check_input_term - Hui Peng	MISC	lore.kernel.org	Patch, Thi			
[SECURITY] [DLA 1930-1] linux security update	MLIST	lists.debian.org				
USN-4162-2: Linux kernel (Azure) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com				
[security-announce] openSUSE-SU-2019:2181-1: important: Security update	SUSE	lists.opensuse.org				
USN-4162-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com				
Slackware Security Advisory - Slackware 14.2 kernel Updates ≈ Packet Storm	MISC	packetstormsecurity.com				
[PATCH] Fix a stack buffer overflow bug check_input_term - Hui Peng		lore.kernel.org				
[security-announce] openSUSE-SU-2019:2173-1: important: Security update	SUSE	lists.opensuse.org				
USN-4163-2: Linux kernel (Xenial HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com				
USN-4163-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com				
kernel/git/tiwai/sound.git - Sound sub-system tree	MISC	git.kernel.org	Patch, Thi			
[SECURITY] [DLA 1940-1] linux-4.9 security update	MLIST	lists.debian.org				
Debian -- Security Information -- DSA-4531-1 linux	DEBIAN	www.debian.org				
Bugtraq: [SECURITY] [DSA 4531-1] linux security update	BUGTRAQ	seclists.org				
USN-4147-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com				
August 2019 Linux Kernel Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com				
CVE Program record	CVE.ORG	www.cve.org	canonical			
NVD vulnerability detail	NVD	nvd.nist.gov	canonical,			
No vendor comments have been submitted for this CVE.						
There are currently no legacy QID mappings associated with this CVE.						

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