CVE-2022-3303

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Summary

CVE	CVE-2022-3303
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-09-27 23:15:00 UTC
Updated	2023-11-07 03:51:00 UTC
Description	A race condition flaw was found in the Linux kernel sound subsystem due to improper locking. It could lead to a NULL point

Risk And Classification

Problem Types: CWE-667

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	11.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	6.0	rc1	All	All
Operating System	Linux	Linux Kernel	6.0	rc2	All	All
Operating System	Linux	Linux Kernel	6.0	rc3	All	All
Operating System	Linux	Linux Kernel	6.0	rc4	All	All

References

Reference	Source	Link	Tags
A new null-ptr-deref Write bug in snd_pcm_format_set_silence - butt3rflyh4ck	MISC	lore.kernel.org	
A new null-ptr-deref Write bug in snd_pcm_format_set_silence - butt3rflyh4ck		lore.kernel.org	
Debian -- Security Information -- DSA-5257-1 linux	DEBIAN	www.debian.org	
[SECURITY] [DLA 3173-1] linux-5.10 security update	MLIST	lists.debian.org	
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

160458 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12117)

160461 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2023-12118)

181145 Debian Security Update for linux (DSA 5257-1)

181190 Debian Security Update for linux-5.10 (DLA 3173-1)

183043 Debian Security Update for linux (CVE-2022-3303)

199087 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5792-1)

199088 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5791-1)

199089 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5793-1)

199091 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5791-2)

199094 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5792-2)

199096 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5793-2)

199098 Ubuntu Security Notification for Linux kernel (IBM) Vulnerabilities (USN-5793-4)

199099 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5793-3)

199100 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5791-3)

199119 Ubuntu Security Notification for Linux kernel (BlueField) Vulnerabilities (USN-5815-1)

199179 Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-5877-1)

199334 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6071-1)

199560 Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6001-1)

199568 Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6013-1)

199577 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6014-1)

199615 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6252-1)

354082 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2022-008

354098 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-037

354439 Amazon Linux Security Advisory for kernel : ALAS2022-2022-150

354468 Amazon Linux Security Advisory for kernel : ALAS2022-2022-185

354542 Amazon Linux Security Advisory for kernel : ALAS-2022-185

355199 Amazon Linux Security Advisory for kernel : ALAS2023-2023-070

378468 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-20230042)

378512 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0042)

6140417 AWS Bottlerocket Security Update for kernel (GHSA-gj29-w9m9-pj7h)

672454 EulerOS Security Update for kernel (EulerOS-SA-2022-2848)

672474 EulerOS Security Update for kernel (EulerOS-SA-2022-2823)

672495 EulerOS Security Update for kernel (EulerOS-SA-2023-1012)

672516 EulerOS Security Update for kernel (EulerOS-SA-2023-1037)

752668 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3586-1)

752669 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3587-1)

752671 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3584-1)

752700 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3688-1)

752702 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3693-1)

752708 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3704-1)

752724 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3775-1)

752750 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3844-1)

753063 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4617-1)

753095 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3585-1)

753370 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3609-1)

753374 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3809-1)

753703 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)

753707 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)

753727 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)

904064 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11054)

904067 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11048)

904258 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11048-1)

904382 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11054-1)

905808 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11054-2)

906308 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11048-2)