CVE-2022-3910

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2022-3910
State	PUBLIC
Assigner	security@google.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-11-22 13:15:00 UTC
Updated	2023-11-07 03:51:00 UTC
Description	Use After Free vulnerability in Linux Kernel allows Privilege Escalation. An improper Update of Reference Count in io_uring

Risk And Classification

Problem Types: NVD-CWE-Other

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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
Operating System	Linux	Linux Kernel	6.0	rc5	All	All

References

Reference	Source	Link	Tags
????????	MISC	kernel.dance	
io_uring/msg_ring: check file type before putting · torvalds/linux@fc7222c · GitHub	MISC	github.com	
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

182270 Debian Security Update for linux (CVE-2022-3910)

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

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)

904513 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11462)

904514 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11460)

904718 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11460-1)

904754 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11462-1)

906183 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11462-2)

906446 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11460-2)

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Free CVE JSON API cve.report/api

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