



CVE-2023-45863

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Summary

CVE	CVE-2023-45863
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-10-14 21:15:00 UTC
Updated	2023-10-19 13:12:00 UTC
Description	An issue was discovered in lib/kobject.c in the Linux kernel before 6.2.3. With root access, an attacker can trigger a race co

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

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

References

Reference	Source	Link	Tags
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	
cdn.kernel.org/pub/linux/kernel/v6.x/ChangeLog-6.2.3	MISC	cdn.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

[161343](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2024-12150)

[161344](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2024-12153)

[161345](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2024-12154)

[161347](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2024-12151)

161455 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2024-12258)
200038 Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6577-1)
200067 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6602-1)
200072 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6604-1)
200079 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-6604-2)
200098 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6625-1)
200102 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-6625-2)
200125 Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-6625-3)
379435 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2024:0012)
379614 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2024:0017)
390296 Oracle VM Server for x86 Security Update for kernel (OVMSA-2024-0004)
6000419 Debian Security Update for linux (DSA 5594-1)
6000428 Debian Security Update for linux-5.10 (DLA 3711-1)
6000429 Debian Security Update for linux (DLA 3710-1)
673563 EulerOS Security Update for kernel (EulerOS-SA-2024-1144)
673595 EulerOS Security Update for kernel (EulerOS-SA-2023-3247)
673692 EulerOS Security Update for kernel (EulerOS-SA-2023-3275)
907522 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (31568-1)

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