



CVE-2023-20928

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2023-20928
State	PUBLIC
Assigner	security@android.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-01-26 21:18:00 UTC
Updated	2023-02-06 19:15:00 UTC
Description	In binder_vma_close of binder.c, there is a possible use after free due to improper locking. This could lead to local escalation

Risk And Classification

Problem Types: CWE-416 | CWE-667

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Google	Android	-	All	All	All

References

Reference	Source	Link	Tags
Android Security Bulletin—January 2023 Android Open Source Project	MISC	source.android.com	
Android Binder VMA Management Security Issues ≈ Packet Storm	MISC	packetstormsecurity.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

- 181570 Debian Security Update for linux (CVE-2023-20928)
- 199178 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5874-1)
- 199180 Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-5875-1)
- 199204 Ubuntu Security Notification for Linux kernel (Azure CVM) Vulnerabilities (USN-5909-1)

199213 Ubuntu Security Notification for Linux kernel (BlueField) Vulnerabilities (USN-5918-1)
378710 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0079)
379043 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0136)
610462 Google Android Devices January 2023 Security Patch Missing
610467 Google Android February 2023 Security Patch Missing for Samsung
672914 EulerOS Security Update for kernel (EulerOS-SA-2023-1781)
672951 EulerOS Security Update for kernel (EulerOS-SA-2023-1759)

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