



CVE-2022-20422

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

Summary

CVE	CVE-2022-20422
State	PUBLIC
Assigner	security@android.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-10-11 20:15:00 UTC
Updated	2023-08-08 14:21:00 UTC
Description	In emulation_proc_handler of armv8_deprecated.c, there is a possible way to corrupt memory due to a race condition. This

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	Google	Android	-	All	All	All

References

Reference	Source	Link	Tags
[SECURITY] [DLA 3173-1] linux-5.10 security update	MLIST	lists.debian.org	
Android Security Bulletin—October 2022 Android Open Source Project	MISC	source.android.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

[181106](#) Debian Security Update for linux (CVE-2022-20422)

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

[199029](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5728-1)

[199030](#) Ubuntu Securityv Notification for Linux kernel Vulnerabilities (USN-5727-1)

199030 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5727-1)
199031 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5729-1)
199036 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-5727-2)
199037 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5728-2)
199038 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5729-2)
199051 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-5728-3)
199072 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5774-1)
378043 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0011)
610437 Google Android Devices October 2022 Security Patch Missing
610444 Google Android November 2022 Security Patch Missing for Samsung
610445 Google Android November 2022 Security Patch Missing for Huawei EMUI
672495 EulerOS Security Update for kernel (EulerOS-SA-2023-1012)
672516 EulerOS Security Update for kernel (EulerOS-SA-2023-1037)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)