



Arm Mali GPU Kernel Driver Information Disclosure Vulnerability

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

Summary

CVE	CVE-2023-26083
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-04-06 16:15:00 UTC
Updated	2023-04-21 17:31:00 UTC
Description	Memory leak vulnerability in Mali GPU Kernel Driver in Midgard GPU Kernel Driver all versions from r6p0 - r32p0, Bifrost G

Risk And Classification

EPSS: 0.052260000 probability, percentile 0.899130000 (date 2026-04-01)

CISA KEV: Listed on 2023-04-07; due 2023-04-28; ransomware use Unknown

Problem Types: CWE-401

CISA Known Exploited Vulnerability

Vendor	Arm
Product	Mali Graphics Processing Unit (GPU)
Name	Arm Mali GPU Kernel Driver Information Disclosure Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://developer.arm.com/Arm%20Security%20Center/Mali%20GPU%20Driver%20Vulnerabilities ; https://nvd.nist.gov/vuln/detail/CVE-2023-26083

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Arm	Avalon Gpu Kernel Driver	All	All	All	All
Application	Arm	Bifrost Gpu Kernel Driver	All	All	All	All
Application	Arm	Midgard	All	All	All	All
Application	Arm	Valhall Gpu Kernel Driver	All	All	All	All

References

Reference	Source	Link	Type
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Reference	Source	Link	Tags
Memory leak in ARM Hardware solutions	MISC	www.cybersecurity-help.cz	
developer.arm.com/Arm%20Security%20Center/Mali%20GPU%20Driver%20Vulnerabilities	CONFIRM	developer.arm.com	
Information disclosure in ARM Mali GPU kernel drivers	MISC	www.cybersecurity-help.cz	
CVE Program record	CVE.ORG	www.cve.org	cano
NVD vulnerability detail	NVD	nvd.nist.gov	cano
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov	kev

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[610501](#) Google Android August 2023 Security Patch Missing for Samsung

[610504](#) Google Android Devices July 2023 Security Patch Missing

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