



# CVE-2022-28349

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

## Summary

<b>CVE</b>	CVE-2022-28349
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-05-19 02:15:00 UTC
<b>Updated</b>	2022-05-28 02:11:00 UTC
<b>Description</b>	Arm Mali GPU Kernel Driver has a use-after-free: Midgard r28p0 through r29p0 before r30p0, Bifrost r17p0 through r23p0 b

## Risk And Classification

**Problem Types:** CWE-416

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Arm</a>	<a href="#">Bifrost Gpu Kernel Driver</a>	All	All	All	All
Application	<a href="#">Arm</a>	<a href="#">Midguard Gpu Kernel Driver</a>	All	All	All	All
Application	<a href="#">Arm</a>	<a href="#">Valhall Gpu Kernel Driver</a>	All	All	All	All

## References

Reference	Source	Link	Tags
Arm Security Center	MISC	<a href="#">developer.arm.com</a>	
<a href="#">developer.arm.com/Arm%20Security%20Center/Mali%20GPU%20Driver%20Vulnerabilities</a>	CONFIRM	<a href="#">developer.arm.com</a>	
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>	canonical, ar

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[610494](#) Google Android July 2023 Security Patch Missing for Samsung

[610496](#) Google Android July 2023 Security Patch Missing for Huawei EMUI

[610500](#) Google Android July 2023 Security Patch Missing for Samsung

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