



# CVE-2022-28348

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

## Summary

<b>CVE</b>	CVE-2022-28348
<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 01:15:00 UTC
<b>Updated</b>	2023-12-13 13:51:00 UTC
<b>Description</b>	Arm Mali GPU Kernel Driver (Midgard r4p0 through r31p0, Bifrost r0p0 through r36p0 before r37p0, and Valhall r19p0 through r22p0)

## Risk And Classification

**Problem Types:** CWE-416

## NVD Known Affected Configurations (CPE 2.3)

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

## References

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

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[610513](#) Google Android Devices October 2023 Security Patch Missing

[610519](#) Google Android November 2023 Security Patch Missing for Samsung

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