



CVE-2023-28147

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

Summary

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|------------------------|--|
| CVE | CVE-2023-28147 |
| State | PUBLIC |
| Assigner | cve@mitre.org |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2023-06-02 00:15:00 UTC |
| Updated | 2023-06-09 18:49:00 UTC |
| Description | An issue was discovered in the Arm Mali GPU Kernel Driver. A non-privileged user can make improper GPU processing op |

Risk And Classification

Problem Types: NVD-CWE-noinfo

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 Gpu Kernel Driver | All | All | All | All |
| Application | Arm | Valhall Gpu Kernel Driver | All | All | All | All |

References

| Reference | Source | Link | Tags |
|---|---------|---|---------------|
| developer.arm.com/Arm%20Security%20Center/Mali%20GPU%20Driver%20Vulnerabilities | MISC | developer.arm.com | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, au |

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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