# CVE Detail – CVE-2021-28664

The Arm Mali GPU kernel driver allows privilege escalation or a denial of service (memory corruption) because an unprivileged user can achieve read/write access to read-only pages. This affects Bifrost r0p0 through r29p0 before r30p0, Valhall r19p0 through r29p0 before r30p0, and Midgard r8p0 through r30p0 before r31p0.

## Threat-Mapped Scoring

Score: 1.9

Priority: P3 - Important (Medium)

## EPSS

EPSS Score: N/A

Percentile: 0.38913

## CVSS Scoring

CVSS v3.1 Score: 8.8

Severity: HIGH

## CISA KEV

KEV is present

## Mapped CWE(s)

* CWE-787: Out-of-bounds Write

## Affected Products

* cpe:2.3:a:arm:bifrost\_gpu\_kernel\_driver:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:arm:midgard\_gpu\_kernel\_driver:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:arm:valhall\_gpu\_kernel\_driver:\*:\*:\*:\*:\*:\*:\*:\*