# rds: ib: reject FRMR registration before IB connection is established

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

## Summary

| | |
|---|---|
| **CVE** | CVE-2026-31425 |
| **State** | PUBLISHED |
| **Assigner** | Linux |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2026-04-13 14:16:12 UTC |
| **Updated** | 2026-04-18 09:16:32 UTC |
| **Description** | In the Linux kernel, the following vulnerability has been resolved: rds: ib: reject FRMR registration before IB connection is es |

## Risk And Classification

**EPSS:** 0.000240000 probability, percentile 0.066100000 (date 2026-04-18)

## Vendor Declared Affected Products

| Source | Vendor | Product | Version |
|---|---|---|---|
| CNA | Linux | Linux | affected 1659185fb4d0025835eb2058a141f0746c5cab00 c506456ebf84c50ed9327473d4e9bd905def212b git |
| CNA | Linux | Linux | affected 1659185fb4d0025835eb2058a141f0746c5cab00 82e4a3b56b23b844802056c9e75a39d24169b0a4 g |
| CNA | Linux | Linux | affected 1659185fb4d0025835eb2058a141f0746c5cab00 450ec93c0f172374acbf236f1f5f02d53650aa2d git |
| CNA | Linux | Linux | affected 1659185fb4d0025835eb2058a141f0746c5cab00 6b0a8de67ac0c74e1a7df92b73c862cb36780dfc git |
| CNA | Linux | Linux | affected 1659185fb4d0025835eb2058a141f0746c5cab00 a5bfd14c9a299e6db4add4440430ee5e010b03ad gi |
| CNA | Linux | Linux | affected 1659185fb4d0025835eb2058a141f0746c5cab00 23e07c340c445f0ebff7757ba15434cb447eb662 git |
| CNA | Linux | Linux | affected 1659185fb4d0025835eb2058a141f0746c5cab00 47de5b73db3b88f45c107393f26aeba26e9e8fae git |
| CNA | Linux | Linux | affected 1659185fb4d0025835eb2058a141f0746c5cab00 a54ecccfae62c5c85259ae5ea5d9c20009519049 git |
| CNA | Linux | Linux | affected 4.6 |
| CNA | Linux | Linux | unaffected 4.6 semver |
| CNA | Linux | Linux | unaffected 5.10.253 5.10.* semver |
| CNA | Linux | Linux | unaffected 5.15.203 5.15.* semver |
| CNA | Linux | Linux | unaffected 6.1.168 6.1.* semver |
| CNA | Linux | Linux | unaffected 6.6.134 6.6.* semver |
| CNA | Linux | Linux | unaffected 6.12.81 6.12.* semver |
| CNA | Linux | Linux | unaffected 6.18.22 6.18.* semver |

| | | | |
|---|---|---|---|
| CNA | Linux | Linux | unaffected 6.19.12 6.19.* semver |
| CNA | Linux | Linux | unaffected 7.0 * original_commit_for_fix |

## References

| Reference | Source | Link | Tags |
|---|---|---|---|
| git.kernel.org/stable/c/a54ecccfae62c5c85259ae5ea5d9c20009519049 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | |
| git.kernel.org/stable/c/c506456ebf84c50ed9327473d4e9bd905def212b | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | |
| git.kernel.org/stable/c/450ec93c0f172374acbf236f1f5f02d53650aa2d | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | |
| git.kernel.org/stable/c/6b0a8de67ac0c74e1a7df92b73c862cb36780dfc | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | |
| git.kernel.org/stable/c/47de5b73db3b88f45c107393f26aeba26e9e8fae | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | |
| git.kernel.org/stable/c/23e07c340c445f0ebff7757ba15434cb447eb662 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | |
| git.kernel.org/stable/c/a5bfd14c9a299e6db4add4440430ee5e010b03ad | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | |
| git.kernel.org/stable/c/82e4a3b56b23b844802056c9e75a39d24169b0a4 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | |
| CVE Program record | CVE.ORG | www.cve.org | canonic |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonic |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.