



# usb: gadget: f\_eem: Fix net\_device lifecycle with device\_move

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

## Summary

<b>CVE</b>	CVE-2026-31724
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-01 15:16:34 UTC
<b>Updated</b>	2026-05-07 17:00:23 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: usb: gadget: f\_eem: Fix net\_device lifecycle with device\_r

## Risk And Classification

**Primary CVSS:** v3.1 5.5 MEDIUM from nvd@nist.gov

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

**EPSS:** 0.000180000 probability, percentile 0.046430000 (date 2026-05-05)

**Problem Types:** NVD-CWE-noinfo

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected b29002a157940752dfed2c488b2011f63f007d71 a6b8bce01a30a8c05c034bbc36c34845d65d644f git
CNA	Linux	Linux	affected b29002a157940752dfed2c488b2011f63f007d71 4ccdccff8fbc5456aff684627f9a4c5c83b9346 git
CNA	Linux	Linux	affected b29002a157940752dfed2c488b2011f63f007d71 14730506b9e2a09d10c963a57a72ed528482fc15 git
CNA	Linux	Linux	affected b29002a157940752dfed2c488b2011f63f007d71 d9270c9a8118c1535409db926ac1e2545dc97b81 gi
CNA	Linux	Linux	affected 3.11
CNA	Linux	Linux	unaffected 3.11 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/a6b8bce01a30a8c05c034bbc36c34845d65d644f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/4ccdccff8fbc5456aff684627f9a4c5c83b9346	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/d9270c9a8118c1535409db926ac1e2545dc97b81	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/14730506b9e2a09d10c963a57a72ed528482fc15	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonic
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonic

No vendor comments have been submitted for this CVE.

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

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**CVE.report and Source URL Uptime Status** [status.cve.report](https://status.cve.report)