



usb: gadget: f_subset: Fix net_device lifecycle with device_move

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

Summary

CVE	CVE-2026-31723
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-01 15:16:34 UTC
Updated	2026-05-07 17:03:30 UTC

Description In the Linux kernel, the following vulnerability has been resolved: usb: gadget: f_subset: Fix net_device lifecycle with device

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 8cedba7c73af1369599b1111639cf66fe13aaa 70707ce668494c4d35fe070dfbc7cc541b293107 git
CNA	Linux	Linux	affected 8cedba7c73af1369599b1111639cf66fe13aaa 9cbc4f109bb216623894d8819fb930210ed34b21 git
CNA	Linux	Linux	affected 8cedba7c73af1369599b1111639cf66fe13aaa fde29916e4cc736c4ca6c78f331e12b2c73ccafd git
CNA	Linux	Linux	affected 8cedba7c73af1369599b1111639cf66fe13aaa 06524cd1c9011bee141a87e43ab878641ed3652b 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/9cbc4f109bb216623894d8819fb930210ed34b21	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/70707ce668494c4d35fe070dfbc7cc541b293107	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/06524cd1c9011bee141a87e43ab878641ed3652b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/fde29916e4cc736c4ca6c78f331e12b2c73ccafd	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
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.

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