usb: gadget: f_hid: don't call cdev_init while cdev in use

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

Summary

CVE	CVE-2026-31606
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-24 15:16:39 UTC
Updated	2026-04-29 20:00:34 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: usb: gadget: f_hid: don't call cdev_init while cdev in use W

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 0.048130000 (date 2026-04-27)

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 cb382536052fcc7713988869b54a81137069e5a9 c6c0d13db5d0f8d465eabc14bd23d2b6a7247a43 gi
CNA	Linux	Linux	affected cb382536052fcc7713988869b54a81137069e5a9 eb6ef6185f2054a341ec70d7e2165f5381744215 git
CNA	Linux	Linux	affected cb382536052fcc7713988869b54a81137069e5a9 5a229016ca3ac551294ec59770be9da94ec4bf63 gi
CNA	Linux	Linux	affected cb382536052fcc7713988869b54a81137069e5a9 75ecc46828ec377dd5692c677168ef6d64fd7123 git
CNA	Linux	Linux	affected cb382536052fcc7713988869b54a81137069e5a9 81ebd43cc0d6d106ce7b6ccbf7b5e40ca7f5503d git
CNA	Linux	Linux	affected 3.19
CNA	Linux	Linux	unaffected 3.19 semver
CNA	Linux	Linux	unaffected 6.12.83 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.24 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.14 6.19.* semver
CNA	Linux	Linux	unaffected 7.0.1 7.0.* semver
CNA	Linux	Linux	unaffected 7.1-rc1 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/5a229016ca3ac551294ec59770be9da94ec4bf63	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/75ecc46828ec377dd5692c677168ef6d64fd7123	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/81ebd43cc0d6d106ce7b6ccbf7b5e40ca7f5503d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/c6c0d13db5d0f8d465eabc14bd23d2b6a7247a43	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/eb6ef6185f2054a341ec70d7e2165f5381744215	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	canonica
NVD vulnerability detail	NVD	nvd.nist.gov	canonica

No vendor comments have been submitted for this CVE.

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

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status **status.cve.report**