usb: ulpi: fix double free in ulpi_register_interface() error path

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

Summary

CVE	CVE-2026-31759
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-01 15:16:38 UTC
Updated	2026-05-08 18:20:18 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: usb: ulpi: fix double free in ulpi_register_interface() error p

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from nvd@nist.gov

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

EPSS: 0.000240000 probability, percentile 0.068060000 (date 2026-05-05)

Problem Types: CWE-415

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/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 289fcff4bcdb1dcc0ce8788b7ea0f58a9e4a495f 2f70ba9dae13a190673cc3f9b4aad52179738f60 git
CNA	Linux	Linux	affected 289fcff4bcdb1dcc0ce8788b7ea0f58a9e4a495f ee248e6e941e4f2e634df2bd43e5f1ef810ab6df git
CNA	Linux	Linux	affected 289fcff4bcdb1dcc0ce8788b7ea0f58a9e4a495f 272a9b26c336a295e4e209157fed809706c1b1f7 git
CNA	Linux	Linux	affected 289fcff4bcdb1dcc0ce8788b7ea0f58a9e4a495f aaeae6533d77e6ed4def85baec01e2815ebbef61 git
CNA	Linux	Linux	affected 289fcff4bcdb1dcc0ce8788b7ea0f58a9e4a495f 8763f8317bb389aded32a32b08f6751cfff657d2 git
CNA	Linux	Linux	affected 289fcff4bcdb1dcc0ce8788b7ea0f58a9e4a495f 38c28fe25611099230f0965c925499bfcf46a795 git
CNA	Linux	Linux	affected 289fcff4bcdb1dcc0ce8788b7ea0f58a9e4a495f a6e5461f076c2ef63159f18e5cdbd30b50f0bc15 git
CNA	Linux	Linux	affected 289fcff4bcdb1dcc0ce8788b7ea0f58a9e4a495f 01af542392b5d41fd659d487015a71f627accce3 git
CNA	Linux	Linux	affected 4.2
CNA	Linux	Linux	unaffected 4.2 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/272a9b26c336a295e4e209157fed809706c1b1f7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/aaeae6533d77e6ed4def85baec01e2815ebbef61	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/a6e5461f076c2ef63159f18e5cdbd30b50f0bc15	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/8763f8317bb389aded32a32b08f6751cfff657d2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/ee248e6e941e4f2e634df2bd43e5f1ef810ab6df	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/01af542392b5d41fd659d487015a71f627accce3	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/2f70ba9dae13a190673cc3f9b4aad52179738f60	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch

git.kernel.org/stable/c/38c28fe25611099230f0965c925499bfcf46a795	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.