



usb: typec: ucsi: validate connector number in ucsi_notify_common()

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

Summary

CVE	CVE-2026-31729
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-01 15:16:35 UTC
Updated	2026-05-07 16:02:57 UTC

Description In the Linux kernel, the following vulnerability has been resolved: usb: typec: ucsi: validate connector number in ucsi_notify_

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

Problem Types: CWE-129

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 bdc62f2bae8fb0e8e99574de5232f0a3c54a27df f6dcbf2b024d55549959402f1db6c614e51d52cb git
CNA	Linux	Linux	affected bdc62f2bae8fb0e8e99574de5232f0a3c54a27df f4e608fe12b7ac6a4a57176ab0296bb5a110a078 git
CNA	Linux	Linux	affected bdc62f2bae8fb0e8e99574de5232f0a3c54a27df 98429e9ec89a5e3a204112dfaa2dbe6ca28493a0 git
CNA	Linux	Linux	affected bdc62f2bae8fb0e8e99574de5232f0a3c54a27df d2d8c17ac01a1b1f638ea5d340a884ccc5015186 git
CNA	Linux	Linux	affected 5.5
CNA	Linux	Linux	unaffected 5.5 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/f6dcbf2b024d55549959402f1db6c614e51d52cb	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/d2d8c17ac01a1b1f638ea5d340a884ccc5015186	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/f4e608fe12b7ac6a4a57176ab0296bb5a110a078	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/98429e9ec89a5e3a204112dfaa2dbe6ca28493a0	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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