



# usb: cdns3: gadget: fix NULL pointer dereference in ep\_queue

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

## Summary

<b>CVE</b>	CVE-2026-31755
<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 15:16:38 UTC
<b>Updated</b>	2026-05-08 18:45:57 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: usb: cdns3: gadget: fix NULL pointer dereference in ep\_queue

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

**Problem Types:** CWE-476

## 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 7733f6c32e36ff9d7adadf40001039bf219b1cbe 3d1433fe34b224b90259e207e5389e95b504ef04 git
CNA	Linux	Linux	affected 7733f6c32e36ff9d7adadf40001039bf219b1cbe fb2ad0c1334a3eccfe4ed203f9eef5a4879226f6 git
CNA	Linux	Linux	affected 7733f6c32e36ff9d7adadf40001039bf219b1cbe 9ab9b0e5fcdac325f950fc8b6caa08a9e22a0db9 git
CNA	Linux	Linux	affected 7733f6c32e36ff9d7adadf40001039bf219b1cbe d61446dfc9d387775bb1b95b081953201b9222af git
CNA	Linux	Linux	affected 7733f6c32e36ff9d7adadf40001039bf219b1cbe 390536cc6af4ca5566bc3bf1f8b704700380cd2c git
CNA	Linux	Linux	affected 7733f6c32e36ff9d7adadf40001039bf219b1cbe 14bf08ab2cdfcfd3f13e799d06692a1b3e0745f git
CNA	Linux	Linux	affected 7733f6c32e36ff9d7adadf40001039bf219b1cbe 7f6f127b9bc34bed35f56faf7ecb1561d6b39000 git
CNA	Linux	Linux	affected 5.4
CNA	Linux	Linux	unaffected 5.4 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/d61446dfc9d387775bb1b95b081953201b9222af	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/390536cc6af4ca5566bc3bf1f8b704700380cd2c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/9ab9b0e5fcdac325f950fc8b6caa08a9e22a0db9	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/14bf08ab2cdfcfd3f13e799d06692a1b3e0745f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/7f6f127b9bc34bed35f56faf7ecb1561d6b39000	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/3d1433fe34b224b90259e207e5389e95b504ef04	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/fb2ad0c1334a3eccfe4ed203f9eef5a4879226f6	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>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical

No vendor comments have been submitted for this CVE.

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

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