



usb: cdns3: gadget: fix state inconsistency on gadget init failure

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

Summary

CVE	CVE-2026-31754
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 18:49:44 UTC

Description In the Linux kernel, the following vulnerability has been resolved: usb: cdns3: gadget: fix state inconsistency on gadget init f

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: 0.000300000 probability, percentile 0.085620000 (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 7733f6c32e36ff9d7adadf40001039bf219b1cbe fb7110a052467098967284ef14d306810b354937 git
CNA	Linux	Linux	affected 7733f6c32e36ff9d7adadf40001039bf219b1cbe 9b1d301fbae837bf6979a19030b81d869bb15f7a git
CNA	Linux	Linux	affected 7733f6c32e36ff9d7adadf40001039bf219b1cbe cfca84f5986afceb63a3adf39d4a98e915aebbc2 git
CNA	Linux	Linux	affected 7733f6c32e36ff9d7adadf40001039bf219b1cbe c7e475ae3a5593c5db21b3b7dca4ba8bdac9b47f git
CNA	Linux	Linux	affected 7733f6c32e36ff9d7adadf40001039bf219b1cbe 5a85599ca4d2584d89dc69f4fc49303b75a42338 git
CNA	Linux	Linux	affected 7733f6c32e36ff9d7adadf40001039bf219b1cbe b490f0e477d26d29ed51e5dc47e3b9bd31bcb49f git
CNA	Linux	Linux	affected 7733f6c32e36ff9d7adadf40001039bf219b1cbe c32f8748d70c8fc77676ad92ed76cede17bf2c48 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/c7e475ae3a5593c5db21b3b7dca4ba8bdac9b47f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/c32f8748d70c8fc77676ad92ed76cede17bf2c48	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/9b1d301fbae837bf6979a19030b81d869bb15f7a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/cfca84f5986afceb63a3adf39d4a98e915aebbc2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/5a85599ca4d2584d89dc69f4fc49303b75a42338	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/b490f0e477d26d29ed51e5dc47e3b9bd31bcb49f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/fb7110a052467098967284ef14d306810b354937	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	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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