



usb: dwc2: gadget: Fix spin_lock/unlock mismatch in dwc2_hstotg_udc_stop()

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

Summary

CVE	CVE-2026-31756
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 18:30:40 UTC

Description In the Linux kernel, the following vulnerability has been resolved: usb: dwc2: gadget: Fix spin_lock/unlock mismatch in dwc2_hstotg_udc_stop()

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-667

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 5cb3cb3db317c58d50b68f3ca3bb8343ea9d1acd e9fccca3e87463013d595c65c2189ffaa32ad3b50 git
CNA	Linux	Linux	affected 1ac826cebc2776f91569f2aa9c9c3da2375d2096 8ffe31acb3b77a30ae34d01719a269881569fb7f git
CNA	Linux	Linux	affected 41732f9febdccb4f9b87c13cb915d717d68ccafd beab10429439e20708036a66fb0d97ffb79da6a1 git
CNA	Linux	Linux	affected ba78c2b3254c4a458c01776612e8a573e12f8d26 4ed9d2dd9f29828c311db6ec4b8e0d34bfd6d6a4 gi
CNA	Linux	Linux	affected af076a41f8a28faf9ceb9dd2d88aef2c202ef39a 61937f686290494998236c680ce0836b8dd63a3f git
CNA	Linux	Linux	affected af076a41f8a28faf9ceb9dd2d88aef2c202ef39a 51b62286fc668c6eb74dee7624ec0beec3c5a0ed git
CNA	Linux	Linux	affected af076a41f8a28faf9ceb9dd2d88aef2c202ef39a 9bb4b5ed7f8c4f95cc556bdf042b0ba2fa13557a git
CNA	Linux	Linux	affected b39c203690fa1678daecc60f347e43c8b593b969 git
CNA	Linux	Linux	affected 6.16
CNA	Linux	Linux	unaffected 6.16 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/9bb4b5ed7f8c4f95cc556bdf042b0ba2fa13557a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/beab10429439e20708036a66fb0d97ffb79da6a1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/4ed9d2dd9f29828c311db6ec4b8e0d34bfd6d6a4	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/61937f686290494998236c680ce0836b8dd63a3f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/e9fccca3e87463013d595c65c2189ffaa32ad3b50	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/51b62286fc668c6eb74dee7624ec0beec3c5a0ed	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/8ffe31acb3b77a30ae34d01719a269881569fb7f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	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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