



usb: gadget: u_ether: Fix race between gether_disconnect and eth_stop

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

Summary

CVE	CVE-2026-31728
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 16:16:19 UTC

Description In the Linux kernel, the following vulnerability has been resolved: usb: gadget: u_ether: Fix race between gether_disconnect and eth_stop

Risk And Classification

Primary CVSS: v3.1 4.7 MEDIUM from nvd@nist.gov

CVSS: 3.1/AV:L/AC:H/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-362

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS: 3.1/AV:L/AC:H/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 2b3d942c4878084a37991a65e66512c02b8fa2ad f02980594deef751e42133714aee25228f1494c6 git
CNA	Linux	Linux	affected 2b3d942c4878084a37991a65e66512c02b8fa2ad e1e7a66584bf0aff3becb73c19fa31527889fc9e git
CNA	Linux	Linux	affected 2b3d942c4878084a37991a65e66512c02b8fa2ad a259ba0bce3b192c04334499690372a250f7d0b1 g
CNA	Linux	Linux	affected 2b3d942c4878084a37991a65e66512c02b8fa2ad f6813c2b2ae78def76b69e0f9d72f80e4a1c4aca git
CNA	Linux	Linux	affected 2b3d942c4878084a37991a65e66512c02b8fa2ad bbb09bb89ffa571475f66daca9482b974cd29d6a git
CNA	Linux	Linux	affected 2b3d942c4878084a37991a65e66512c02b8fa2ad 6ad77458637b78ec655e3da5f112c862e6690a9d g
CNA	Linux	Linux	affected 2b3d942c4878084a37991a65e66512c02b8fa2ad 8ff689edfeceb5e3ec1623e09af2b2aa0f1098a8 git
CNA	Linux	Linux	affected 2b3d942c4878084a37991a65e66512c02b8fa2ad e1eabb072c75681f78312c484ccfffb7430f206e git
CNA	Linux	Linux	affected 2.6.27
CNA	Linux	Linux	unaffected 2.6.27 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 6.1.169 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/bbb09bb89ffa571475f66daca9482b974cd29d6a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/6ad77458637b78ec655e3da5f112c862e6690a9d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/a259ba0bce3b192c04334499690372a250f7d0b1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/f02980594deef751e42133714aee25228f1494c6	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/f6813c2b2ae78def76b69e0f9d72f80e4a1c4aca	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/e1eabb072c75681f78312c484ccfffb7430f206e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/8ff689edfeceb5e3ec1623e09af2b2aa0f1098a8	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch

git.kernel.org/stable/c/e1e7a66584bf0aff3becb73c19fa31527889fc9e	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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