netfilter: ctnetlink: ignore explicit helper on new expectations

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Summary

CVE	CVE-2026-43025
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-01 15:16:46 UTC
Updated	2026-05-03 07:16:22 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: netfilter: ctnetlink: ignore explicit helper on new expectatio

Risk And Classification

Primary CVSS: v3.1 7.3 HIGH from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:L/A:H

EPSS: 0.000240000 probability, percentile 0.068220000 (date 2026-05-02)

Version	Source	Type	Score	Severity	Vector
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	7.3	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:L/A:H
3.1	CNA	DECLARED	7.3	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:L/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

Low

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:L/A:H

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected bd0779370588386e4a67ba5d0b176cfded8e6a53 e135f8e8212cbed12a03ab8dec77fa1247139897 gi
CNA	Linux	Linux	affected bd0779370588386e4a67ba5d0b176cfded8e6a53 2ea0f35f235f70c133ad61fe05ba013753b978c6 git
CNA	Linux	Linux	affected bd0779370588386e4a67ba5d0b176cfded8e6a53 0f6c33697ccfac6499d0b7a4dbdec5d3a3a566cd git
CNA	Linux	Linux	affected bd0779370588386e4a67ba5d0b176cfded8e6a53 187b6ec5229ea93cb04c4f6d3b52efc80f513d0d git
CNA	Linux	Linux	affected bd0779370588386e4a67ba5d0b176cfded8e6a53 21a04c31db4057deec85fcd6cc63d720b38819c3 gi
CNA	Linux	Linux	affected bd0779370588386e4a67ba5d0b176cfded8e6a53 917b61fa2042f11e2af4c428e43f08199586633a git
CNA	Linux	Linux	affected 3.12
CNA	Linux	Linux	unaffected 3.12 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/187b6ec5229ea93cb04c4f6d3b52efc80f513d0d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/2ea0f35f235f70c133ad61fe05ba013753b978c6	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/21a04c31db4057deec85fcd6cc63d720b38819c3	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/e135f8e8212cbed12a03ab8dec77fa1247139897	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/0f6c33697ccfac6499d0b7a4dbdec5d3a3a566cd	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/917b61fa2042f11e2af4c428e43f08199586633a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
CVE Program record	CVE.ORG	www.cve.org	canonica
NVD vulnerability detail	NVD	nvd.nist.gov	canonica

No vendor comments have been submitted for this CVE.

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