net: bonding: fix NULL deref in bond_debug_rlb_hash_show

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Summary

CVE	CVE-2026-31546
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-24 15:16:28 UTC
Updated	2026-04-28 20:48:20 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: net: bonding: fix NULL deref in bond_debug_rlb_hash_sh

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 0.067930000 (date 2026-04-26)

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 caafa84251b886feb6cdf23d50e2cc99dcdaaaf3 19f0fd87df0e5746b24f5caa465a66a8c6e6e241 git
CNA	Linux	Linux	affected caafa84251b886feb6cdf23d50e2cc99dcdaaaf3 edacf1613f7b26423ebfa8b2892e7453c4235354 git
CNA	Linux	Linux	affected caafa84251b886feb6cdf23d50e2cc99dcdaaaf3 2ec2c777f357a83c3d503d8d9370c90b60f0ae63 git
CNA	Linux	Linux	affected caafa84251b886feb6cdf23d50e2cc99dcdaaaf3 0a3f8cd3f370247ded14d38d216b49dd30eade76 git
CNA	Linux	Linux	affected caafa84251b886feb6cdf23d50e2cc99dcdaaaf3 6a3bb74e25d79cbb15f67ef80f71e2b2bfe27ff4 git
CNA	Linux	Linux	affected caafa84251b886feb6cdf23d50e2cc99dcdaaaf3 017d674cf6930e9586a29ee808c7ca09d1396d07 git
CNA	Linux	Linux	affected caafa84251b886feb6cdf23d50e2cc99dcdaaaf3 ec9762f0df2f9fbe3f40a3bfa8aab8b2f721466c git
CNA	Linux	Linux	affected caafa84251b886feb6cdf23d50e2cc99dcdaaaf3 605b52497bf89b3b154674deb135da98f916e390 git
CNA	Linux	Linux	affected 2.6.38
CNA	Linux	Linux	unaffected 2.6.38 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 6.1.167 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.130 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.78 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.20 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.10 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/605b52497bf89b3b154674deb135da98f916e390	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/017d674cf6930e9586a29ee808c7ca09d1396d07	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/2ec2c777f357a83c3d503d8d9370c90b60f0ae63	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/6a3bb74e25d79cbb15f67ef80f71e2b2bfe27ff4	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/ec9762f0df2f9fbe3f40a3bfa8aab8b2f721466c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/0a3f8cd3f370247ded14d38d216b49dd30eade76	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/edacf1613f7b26423ebfa8b2892e7453c4235354	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch

git.kernel.org/stable/c/19f0fd87df0e5746b24f5caa465a66a8c6e6e241	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
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.