



# bridge: br\_nd\_send: validate ND option lengths

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2026-31752
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-01 15:16:38 UTC
<b>Updated</b>	2026-05-07 19:08:55 UTC
<b>Description</b>	In the Linux kernel, the following vulnerability has been resolved: bridge: br_nd_send: validate ND option lengths br_nd_ser

## 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:** 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 ed842faeb2bd49256f00485402f3113205f91d30 82a42ecec7c6bdb0e0da94c0542a173b7ea57f2 git
CNA	Linux	Linux	affected ed842faeb2bd49256f00485402f3113205f91d30 259466f76f5a2148aff11134e68f4b4c6d52725b git
CNA	Linux	Linux	affected ed842faeb2bd49256f00485402f3113205f91d30 ee02d8991fd7bd86ed6ebd0deb4aab53feb0e43a git
CNA	Linux	Linux	affected ed842faeb2bd49256f00485402f3113205f91d30 e0bfd6d4dc77ab345b6c65eef0cfe9b2f69085aa git
CNA	Linux	Linux	affected ed842faeb2bd49256f00485402f3113205f91d30 c49b9256bbacb6a135654aebd12e4c0e87166b7c git
CNA	Linux	Linux	affected ed842faeb2bd49256f00485402f3113205f91d30 837392a38445729c22e03d3abcf33f07763efd85 git
CNA	Linux	Linux	affected ed842faeb2bd49256f00485402f3113205f91d30 e71303a9190496136e240c4f2872b7b0b16027a7 git
CNA	Linux	Linux	affected ed842faeb2bd49256f00485402f3113205f91d30 850837965af15707fd3142c1cf3c5bfaf022299b git
CNA	Linux	Linux	affected 4.15
CNA	Linux	Linux	unaffected 4.15 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 6.1.168 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/c49b9256bbacb6a135654aebd12e4c0e87166b7c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/e71303a9190496136e240c4f2872b7b0b16027a7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/259466f76f5a2148aff11134e68f4b4c6d52725b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/e0bfd6d4dc77ab345b6c65eef0cfe9b2f69085aa	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/850837965af15707fd3142c1cf3c5bfaf022299b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/837392a38445729c22e03d3abcf33f07763efd85	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/ee02d8991fd7bd86ed6ebd0deb4aab53feb0e43a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/82a42ecec7c6bdb0e0da94c0542a173b7ea57f2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch

CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonic
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	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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