



# nvmet-tcp: add bounds checks in nvmet\_tcp\_build\_pdu\_iovec

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2026-23112
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-02-13 14:16:10 UTC
<b>Updated</b>	2026-04-03 14:16:24 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: nvmet-tcp: add bounds checks in nvmet\_tcp\_build\_pdu\_iovec

## Risk And Classification

**Primary CVSS:** v3.1 9.8 CRITICAL from nvd@nist.gov

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

**Problem Types:** CWE-787

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

**Network**

Attack Complexity

**Low**

Privileges Required

**None**

User Interaction

**None**

Scope

**Unchanged**

Confidentiality

**High**

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/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 872d26a391da92ed8f0c0f5cb5fef428067b7f30 043b4307a99f902697349128fde93b2ddde4686c git
CNA	Linux	Linux	affected 872d26a391da92ed8f0c0f5cb5fef428067b7f30 42afe8ed8ad2de9c19457156244ef3e1eca94b5d git
CNA	Linux	Linux	affected 872d26a391da92ed8f0c0f5cb5fef428067b7f30 1385be357e8acd09b36e026567f3a9d5c61139de git
CNA	Linux	Linux	affected 872d26a391da92ed8f0c0f5cb5fef428067b7f30 dca1a6ba0da9f472ef040525fab10fd9956db59f git
CNA	Linux	Linux	affected 872d26a391da92ed8f0c0f5cb5fef428067b7f30 19672ae68d52ff75347ebe2420dde1b07adca09f git
CNA	Linux	Linux	affected 872d26a391da92ed8f0c0f5cb5fef428067b7f30 ab200d71553bdcf4de554a5985b05b2dd606bc57 git
CNA	Linux	Linux	affected 872d26a391da92ed8f0c0f5cb5fef428067b7f30 52a0a98549344ca20ad81a4176d68d28e3c05a5c git
CNA	Linux	Linux	affected 5.0
CNA	Linux	Linux	unaffected 5.0 semver
CNA	Linux	Linux	unaffected 5.10.250 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.200 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.163 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.124 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.70 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.10 6.18.* semver
CNA	Linux	Linux	unaffected 6.19 * original_commit_for_fix

### References

Reference	Source	Link	Tags
git.kernel.org/stable/c/42afe8ed8ad2de9c19457156244ef3e1eca94b5d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/1385be357e8acd09b36e026567f3a9d5c61139de	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/19672ae68d52ff75347ebe2420dde1b07adca09f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/ab200d71553bdcf4de554a5985b05b2dd606bc57	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/043b4307a99f902697349128fde93b2ddde4686c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch

git.kernel.org/stable/c/dca1a6ba0da9f472ef040525fab10fd9956db59f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/52a0a98549344ca20ad81a4176d68d28e3c05a5c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonic
NVD vulnerability detail	NVD	<a href="https://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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