



# ring-buffer: Fix possible dereference of uninitialized pointer

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

## Summary

<b>CVE</b>	CVE-2026-43272
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-06 12:16:48 UTC
<b>Updated</b>	2026-05-08 20:00:37 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: ring-buffer: Fix possible dereference of uninitialized pointer

## 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

**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	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All

## Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected 5f3b6e839f3ceb8d6ef02231ba9b5aca71b8bf55 bc77986f3cb7476637052edf2d87137fa39f153d git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected 5f3b6e839f3ceb8d6ef02231ba9b5aca71b8bf55 d9942396845fef2369478c157b26738fe07142f6 git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected 5f3b6e839f3ceb8d6ef02231ba9b5aca71b8bf55 f1547779402c4cd67755c33616b7203baa88420b git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected 6.12
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.12 semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.18.16 6.18.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.19.6 6.19.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 7.0 * original_commit_for_fix

## References

Reference	Source	Link	Tags
<a href="https://git.kernel.org/stable/c/bc77986f3cb7476637052edf2d87137fa39f153d">git.kernel.org/stable/c/bc77986f3cb7476637052edf2d87137fa39f153d</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
<a href="https://git.kernel.org/stable/c/d9942396845fef2369478c157b26738fe07142f6">git.kernel.org/stable/c/d9942396845fef2369478c157b26738fe07142f6</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
<a href="https://git.kernel.org/stable/c/f1547779402c4cd67755c33616b7203baa88420b">git.kernel.org/stable/c/f1547779402c4cd67755c33616b7203baa88420b</a>	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>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical

No vendor comments have been submitted for this CVE.

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

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