



# writeback: Fix use after free in inode\_switch\_wbs\_work\_fn()

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

## Summary

<b>CVE</b>	CVE-2026-31703
<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 14:16:20 UTC
<b>Updated</b>	2026-05-03 07:16:17 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: writeback: Fix use after free in inode\_switch\_wbs\_work\_fr

## Risk And Classification

**Primary CVSS:** v3.1 7.8 HIGH from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

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

**EPSS:** 0.000170000 probability, percentile 0.040880000 (date 2026-05-02)

Version	Source	Type	Score	Severity	Vector
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected e1b849cfa6b61f1c866a908c9e8dd9b5aaab820b 028103656b84273c73e9e271cf95c9f3421f4b8a git
CNA	Linux	Linux	affected e1b849cfa6b61f1c866a908c9e8dd9b5aaab820b 9223e5f30403a9b506d6d0bff4f2e29a2d7d46af git
CNA	Linux	Linux	affected e1b849cfa6b61f1c866a908c9e8dd9b5aaab820b 6689f01d6740cf358932b3e97ee968c6099800d9 git
CNA	Linux	Linux	affected 6.18
CNA	Linux	Linux	unaffected 6.18 semver
CNA	Linux	Linux	unaffected 6.18.25 6.18.* semver
CNA	Linux	Linux	unaffected 7.0.2 7.0.* semver
CNA	Linux	Linux	unaffected 7.1-rc1 * original_commit_for_fix

### References

Reference	Source	Link	Tags
git.kernel.org/stable/c/9223e5f30403a9b506d6d0bff4f2e29a2d7d46af	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
git.kernel.org/stable/c/6689f01d6740cf358932b3e97ee968c6099800d9	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
git.kernel.org/stable/c/028103656b84273c73e9e271cf95c9f3421f4b8a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
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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