



# mm/shmem, swap: fix race of truncate and swap entry split

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

## Summary

<b>CVE</b>	CVE-2026-23161
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-02-14 16:15:56 UTC
<b>Updated</b>	2026-04-03 14:16:24 UTC
<b>Description</b>	In the Linux kernel, the following vulnerability has been resolved: mm/shmem, swap: fix race of truncate and swap entry spl

## Risk And Classification

**Primary CVSS:** v3.1 4.7 MEDIUM from nvd@nist.gov

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

**Problem Types:** CWE-362

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	4.7	MEDIUM	CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	7.3	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:L/I:H/A:H
3.1	CNA	DECLARED	7.3	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:L/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:L/AC:H/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 809bc86517cc408b5b8cb8e08e69096639432bc8 a99f9a4669a04662c8f9efe0e62cafc598153139 git
CNA	Linux	Linux	affected 809bc86517cc408b5b8cb8e08e69096639432bc8 b23bee8cdb7aabce5701a7f57414db5a354ae8ed g
CNA	Linux	Linux	affected 809bc86517cc408b5b8cb8e08e69096639432bc8 8a1968bd997f45a9b11aefeabdd1232e1b6c7184 g
CNA	Linux	Linux	affected 6.12
CNA	Linux	Linux	unaffected 6.12 semver
CNA	Linux	Linux	unaffected 6.12.69 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.9 6.18.* semver
CNA	Linux	Linux	unaffected 6.19 * original_commit_for_fix

### References

Reference	Source	Link	Tags
git.kernel.org/stable/c/8a1968bd997f45a9b11aefeabdd1232e1b6c7184	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/a99f9a4669a04662c8f9efe0e62cafc598153139	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/b23bee8cdb7aabce5701a7f57414db5a354ae8ed	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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