



mm/hugetlb: fix hugetlb_pmd_shared()

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

Summary

CVE	CVE-2026-23100
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-02-04 17:16:20 UTC
Updated	2026-04-18 09:16:13 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: mm/hugetlb: fix hugetlb_pmd_shared() Patch series "mm/

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: 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 94b4b41d0cdf5cfd4d4325bc0e6e9e0d0e996133 8ae48255bcb17b32436be97553dca848730d365f git
CNA	Linux	Linux	affected 8410996eb6fea116fe1483ed977aacf580eee7b4 bf3c2affe245cf831866ddc8f736ae6a22cdc11c git
CNA	Linux	Linux	affected 02333ac1c35370517a19a4a131332a9690c6a5c7 5b2aec77f92265a9028c5f632bdd9af5b57ec3a3 git
CNA	Linux	Linux	affected 56b274473d6e7e7375f2d0a2b4aca11d67c6b52f 51dcf459845fd28f5a0d83d408a379b274ec5cc5 git
CNA	Linux	Linux	affected 2e31443a0d18ae43b9d29e02bf0563f07772193d 3a18b452dd5f7f1652c2e92f8ae769aa17a66c9e git
CNA	Linux	Linux	affected 59d9094df3d79443937add8700b2ef1a866b1081 69c4e241ff13545d410a8b2a688c932182a858bf git
CNA	Linux	Linux	affected 59d9094df3d79443937add8700b2ef1a866b1081 ca1a47cd3f5f4c46ca188b1c9a27af87d1ab2216 git
CNA	Linux	Linux	affected 6.13
CNA	Linux	Linux	unaffected 6.13 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 6.1.167 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.127 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.74 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.8 6.18.* semver
CNA	Linux	Linux	unaffected 6.19 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/69c4e241ff13545d410a8b2a688c932182a858bf	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/5b2aec77f92265a9028c5f632bdd9af5b57ec3a3	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/3a18b452dd5f7f1652c2e92f8ae769aa17a66c9e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/51dcf459845fd28f5a0d83d408a379b274ec5cc5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/bf3c2affe245cf831866ddc8f736ae6a22cdc11c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/8ae48255bcb17b32436be97553dca848730d365f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/ca1a47cd3f5f4c46ca188b1c9a27af87d1ab2216	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	canonic
NVD vulnerability detail	NVD	nvd.nist.gov	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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