



mm/rmap: fix incorrect pte restoration for lazyfree folios

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

Summary

CVE	CVE-2026-31398
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-03 16:16:38 UTC
Updated	2026-04-03 16:16:38 UTC

Description In the Linux kernel, the following vulnerability has been resolved: mm/rmap: fix incorrect pte restoration for lazyfree folios W

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 354dff29575cdf13154e8fb787322354aa9efc4 99888a4f340ca8e839a0524556bd4db76d63f4e0 git
CNA	Linux	Linux	affected 354dff29575cdf13154e8fb787322354aa9efc4 a0911ccdba41b0871abbf8412857bafedec3dbe1 git
CNA	Linux	Linux	affected 354dff29575cdf13154e8fb787322354aa9efc4 29f40594a28114b9a9bc87f6cf7bbee9609628f2 git
CNA	Linux	Linux	affected 6.15
CNA	Linux	Linux	unaffected 6.15 semver
CNA	Linux	Linux	unaffected 6.18.20 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.10 6.19.* semver
CNA	Linux	Linux	unaffected 7.0-rc5 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/a0911ccdba41b0871abbf8412857bafedec3dbe1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/99888a4f340ca8e839a0524556bd4db76d63f4e0	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/29f40594a28114b9a9bc87f6cf7bbee9609628f2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	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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