



mm/huge_memory: fix use of NULL folio in move_pages_huge_pmd()

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

Summary

CVE	CVE-2026-31397
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/huge_memory: fix use of NULL folio in move_pages_

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected e3981db444a0a18d350d9f92e3f2e8d489b54211 f3caae0f9e489fd2282d4ce45791dc8aed2da62 git
CNA	Linux	Linux	affected e3981db444a0a18d350d9f92e3f2e8d489b54211 e3133d0986dc5a231d5419167dbac65312b28b41 g
CNA	Linux	Linux	affected e3981db444a0a18d350d9f92e3f2e8d489b54211 fae654083bfa409bb2244f390232e2be47f05bfc git
CNA	Linux	Linux	affected 6.16
CNA	Linux	Linux	unaffected 6.16 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/fae654083bfa409bb2244f390232e2be47f05bfc	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/e3133d0986dc5a231d5419167dbac65312b28b41	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/f3caae0f9e489fd2282d4ce45791dc8aed2da62	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
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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