



mm/kasan: fix double free for kasan pXds

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Summary

CVE	CVE-2026-31686
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-27 18:16:53 UTC
Updated	2026-04-27 18:32:22 UTC

Description In the Linux kernel, the following vulnerability has been resolved: mm/kasan: fix double free for kasan pXds kasan_free_pxc

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 0207df4fa1a869281ddb72db6203dbf036b3e1a cec74b2ab7dff866b1d77eaa545b9e8fd14a1f87 git
CNA	Linux	Linux	affected 0207df4fa1a869281ddb72db6203dbf036b3e1a a05f77cb227c39c5069aea6f12762a29d1e6c103 git
CNA	Linux	Linux	affected 0207df4fa1a869281ddb72db6203dbf036b3e1a f6204f7ff6aff62ce6242a76982c5ba3a9ded707 git
CNA	Linux	Linux	affected 0207df4fa1a869281ddb72db6203dbf036b3e1a 85d98614e089a67dc6faa8ca766fe10a639f82b4 git
CNA	Linux	Linux	affected 0207df4fa1a869281ddb72db6203dbf036b3e1a b38237a2ea9c6c19836eee2c57037e1f9f103576 git
CNA	Linux	Linux	affected 0207df4fa1a869281ddb72db6203dbf036b3e1a 51d8c78be0c27ddb91bc2c0263941d8b30a47d3b git
CNA	Linux	Linux	affected 4.19
CNA	Linux	Linux	unaffected 4.19 semver
CNA	Linux	Linux	unaffected 6.6.136 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.83 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.24 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.14 6.19.* semver
CNA	Linux	Linux	unaffected 7.0.1 7.0.* semver
CNA	Linux	Linux	unaffected 7.1-rc1 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/cec74b2ab7dff866b1d77eaa545b9e8fd14a1f87	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/a05f77cb227c39c5069aea6f12762a29d1e6c103	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/51d8c78be0c27ddb91bc2c0263941d8b30a47d3b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	

git.kernel.org/stable/c/f6204f7ff6aff62ce6242a76982c5ba3a9ded707	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/85d98614e089a67dc6faa8ca766fe10a639f82b4	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/b38237a2ea9c6c19836eee2c57037e1f9f103576	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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Free CVE JSON API cve.report/api

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