



KVM: x86/mmu: Drop/zap existing present SPTE even when creating an MMIO SPTE

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Summary

CVE	CVE-2026-23401
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-01 09:16:15 UTC
Updated	2026-04-02 12:16:19 UTC

Description In the Linux kernel, the following vulnerability has been resolved: KVM: x86/mmu: Drop/zap existing present SPTE even wh

Risk And Classification

EPSS: 0.000180000 probability, percentile 0.047170000 (date 2026-04-01)

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected a54aa15c6bda3ca7e2f9e040ba968a1da303e24f fd28c5618699180cd69619801e9ae6a5266c0a22 git
CNA	Linux	Linux	affected a54aa15c6bda3ca7e2f9e040ba968a1da303e24f 459158151a158a6703b49f3c9de0e536d8bd553f git
CNA	Linux	Linux	affected a54aa15c6bda3ca7e2f9e040ba968a1da303e24f 695320de6eadb75aaed8be1787c4ce4c189e4c7b g
CNA	Linux	Linux	affected a54aa15c6bda3ca7e2f9e040ba968a1da303e24f bce7fe59d43531623f3e43779127bfb33804925d git
CNA	Linux	Linux	affected a54aa15c6bda3ca7e2f9e040ba968a1da303e24f aad885e774966e97b675dfe928da164214a71605 gi
CNA	Linux	Linux	affected 5.13
CNA	Linux	Linux	unaffected 5.13 semver
CNA	Linux	Linux	unaffected 6.6.131 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.80 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.21 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.11 6.19.* semver
CNA	Linux	Linux	unaffected 7.0-rc6 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/459158151a158a6703b49f3c9de0e536d8bd553f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	nit.kernel.org	

git.kernel.org/stable/c/bce7fe59d43531623f3e43779127bfb33804925d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/695320de6eadb75aaed8be1787c4ce4c189e4c7b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/aad885e774966e97b675dfe928da164214a71605	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/fd28c5618699180cd69619801e9ae6a5266c0a22	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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