



KVM: x86/mmu: Only WARN in direct MMUs when overwriting shadow-present SPTE

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

Summary

CVE	CVE-2026-23402
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 12:16:20 UTC

Description In the Linux kernel, the following vulnerability has been resolved: KVM: x86/mmu: Only WARN in direct MMUs when overwriting shadow-present SPTE

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 11d45175111d933c5175acc28e56af2213dd5cd6 bab090e8fd5607f77379ea78b9d0c683cb1538a9 git
CNA	Linux	Linux	affected 11d45175111d933c5175acc28e56af2213dd5cd6 a1e0f7150639bc30a8e75476d1c7daab77d44992 git
CNA	Linux	Linux	affected 11d45175111d933c5175acc28e56af2213dd5cd6 df83746075778958954aa0460cca55f4b3fc9c02 git
CNA	Linux	Linux	affected 6.16
CNA	Linux	Linux	unaffected 6.16 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/a1e0f7150639bc30a8e75476d1c7daab77d44992	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/df83746075778958954aa0460cca55f4b3fc9c02	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/bab090e8fd5607f77379ea78b9d0c683cb1538a9	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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