



KVM: x86: Acquire kvm->srcu when handling KVM_SET_VCPU_EVENTS

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

Summary

CVE	CVE-2024-46830
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-09-27 13:15:15 UTC
Updated	2026-05-05 15:22:29 UTC

Description In the Linux kernel, the following vulnerability has been resolved: KVM: x86: Acquire kvm->srcu when handling KVM_SET_V

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from nvd@nist.gov

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

Problem Types: NVD-CWE-noinfo

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	11.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected e302786233e6bc512986d007c96458ccf5ca21c7 5f35099fa3d59caf10bda88b033538e90086684e git
CNA	Linux	Linux	affected f7e570780efc5cec9b2ed1e0472a7da14e864fdb fa297c33faefe51e10244e8a378837fca4963228 git
CNA	Linux	Linux	affected f7e570780efc5cec9b2ed1e0472a7da14e864fdb 939375737b5a0b1bf9b1e75129054e11bc9ca65e git
CNA	Linux	Linux	affected f7e570780efc5cec9b2ed1e0472a7da14e864fdb ecdbe8ac86fb5538ccc623a41f88ec96c7168ab9 git
CNA	Linux	Linux	affected f7e570780efc5cec9b2ed1e0472a7da14e864fdb 4bcdd831d9d01e0fb64faea50732b59b2ee88da1 git
CNA	Linux	Linux	affected 080dbe7e9b86a0392d8dfc00d9971792afc121f git
CNA	Linux	Linux	affected b4c0d89c92e957eccce12e66b63875d0cc7af7e git
CNA	Linux	Linux	affected 5.17
CNA	Linux	Linux	unaffected 5.17 semver
CNA	Linux	Linux	unaffected 5.15.198 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.110 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.51 6.6.* semver
CNA	Linux	Linux	unaffected 6.10.10 6.10.* semver
CNA	Linux	Linux	unaffected 6.11 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/939375737b5a0b1bf9b1e75129054e11bc9ca65e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patc
git.kernel.org/stable/c/5f35099fa3d59caf10bda88b033538e90086684e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patc
git.kernel.org/stable/c/4bcdd831d9d01e0fb64faea50732b59b2ee88da1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patc
lists.debian.org/debian-lts-announce/2025/01/msg00001.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org	Maili
git.kernel.org/stable/c/fa297c33faefe51e10244e8a378837fca4963228	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patc
git.kernel.org/stable/c/ecdbe8ac86fb5538ccc623a41f88ec96c7168ab9	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patc
CVE Program record	CVE.ORG	www.cve.org	canc
NVD vulnerability detail	NVD	nvd.nist.gov	canc

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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