

CVE-2017-2584

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary	
CVE	CVE-2017-2584
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-01-15 02:59:02 UTC
Updated	2025-04-20 01:37:25 UTC
Description	arch/x86/kvm/emulate.c in the Linux kernel through 4.9.3 allows local users to obtain sensitive information from kernel mem...

Risk And Classification

Primary CVSS: v3.0 7.1 HIGH from nvd@nist.gov

CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:N/A:H

Problem Types: CWE-200 | CWE-416 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.1	HIGH	CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:N/A:H
2.0	nvd@nist.gov	Primary	3.6		AV:L/AC:L/Au:N/C:P/I:N/A:P

CVSS v3.0 Breakdown	
Attack Vector	Local
Attack Complexity	Low
Privileges Required	Low
User Interaction	None
Scope	Unchanged
Confidentiality	High
Integrity	None
Availability	

High

CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:N/A:H

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

Partial

AV:L/AC:L/Au:N/C:P/I:N/A:P

NVD Known Affected Configurations (CPE 2.3)

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference

KVM: x86: Introduce segmented_write_std · torvalds/linux@129a72a · GitHub

Bug 1413001 – CVE-2017-2584 Kernel: kvm: use after free in complete_emulated_mmio

Linux Kernel Use-After-Free Memory Error in complete_emulated_mmio() Lets Local Users on a Guest System Cause Denial of Service Cond

USN-3754-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu

kernel/git/torvalds/linux.git - Linux kernel source tree

Debian -- Security Information -- DSA-3791-1 linux

Linux Kernel CVE-2017-2584 Denial of Service Vulnerability

oss-security - CVE-2017-2584 Kernel: kvm: use after free in complete_emulated_mmio

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

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

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