



CVE-2016-7421

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2016-7421
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-12-10 00:59:17 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The pvscsi_ring_pop_req_descr function in hw/scsi/vmw_pvscsi.c in QEMU (aka Quick Emulator) allows local guest OS ad

Risk And Classification

Primary CVSS: v3.1 4.4 MEDIUM from nvd@nist.gov

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

EPSS: 0.001110000 probability, percentile 0.289650000 (date 2026-05-11)

Problem Types: CWE-834 | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	4.4	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	2.1		AV:L/AC:L/Au:N/C:N/I:N/A:P

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

High

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

None

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Qemu	Qemu	All	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source
[SECURITY] [DLA 1599-1] qemu security update	af854a3a-2127-422b-91ae-364da2661108
oss-security - CVE Request: Qemu: scsi: pvscsi: infinite loop when processing IO requests	af854a3a-2127-422b-91ae-364da2661108
[Qemu-devel] [PULL 07/17] scsi: pvscsi: limit process IO loop to ring si	af854a3a-2127-422b-91ae-364da2661108
QEMU Infinite Loop CVE-2016-7421 Denial of Service Vulnerability	af854a3a-2127-422b-91ae-364da2661108
QEMU: Multiple vulnerabilities (GLSA 201609-01) — Gentoo security	af854a3a-2127-422b-91ae-364da2661108
oss-security - Re: CVE Request: Qemu: scsi: pvscsi: infinite loop when processing IO requests	af854a3a-2127-422b-91ae-364da2661108
git.qemu.org Git - qemu.git/commit	af854a3a-2127-422b-91ae-364da2661108
git.qemu.org Git - qemu.git/commit	MITRF

gkeqpmar.org en - qpmar.org comment	MITRE
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD
No vendor comments have been submitted for this CVE.	
There are currently no legacy QID mappings associated with this CVE.	

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