



# CVE-2011-2512

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

## Summary

<b>CVE</b>	CVE-2011-2512
<b>State</b>	PUBLISHED
<b>Assigner</b>	redhat
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2012-06-21 15:55:09 UTC
<b>Updated</b>	2026-04-29 01:13:23 UTC
<b>Description</b>	The virtio_queue_notify in qemu-kvm 0.14.0 and earlier does not properly validate the virtqueue number, which allows gues

## Risk And Classification

**Primary CVSS:** v2.0 5.8 from nvd@nist.gov

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

**Problem Types:** CWE-20 | n/a

## CVSS v2.0 Breakdown

Access Vector

Adjacent

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

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

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Kvm Group	Qemu-kvm	0.12	All	All	All

Application	Kvm Group	Qemu-kvm	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
Qemu Two Vulnerabilities - Secunia.com	af854a3a-2127-422b-91ae-364da2661108
KVM qemu-kvm Two Vulnerabilities - Secunia.com	af854a3a-2127-422b-91ae-364da2661108
oss-security - Re: CVE request: qemu-kvm: OOB memory access caused by negative vq notifies	af854a3a-2127-422b-91ae-364da2661108
SUSE update for kvm - Secunia.com	af854a3a-2127-422b-91ae-364da2661108
access.redhat.com	af854a3a-2127-422b-91ae-364da2661108
hermes.opensuse.org/messages/9605323	af854a3a-2127-422b-91ae-364da2661108
Debian -- Security Information -- DSA-2270-1 qemu-kvm	af854a3a-2127-422b-91ae-364da2661108
USN-1165-1: QEMU vulnerabilities   Ubuntu	af854a3a-2127-422b-91ae-364da2661108
Red Hat update for qemu-kvm - Secunia.com	af854a3a-2127-422b-91ae-364da2661108
oss-security - CVE request: qemu-kvm: OOB memory access caused by negative vq notifies	af854a3a-2127-422b-91ae-364da2661108
www.osvdb.org/74751	af854a3a-2127-422b-91ae-364da2661108
[security-announce] openSUSE-SU-2011:0803-1: important: kvm	af854a3a-2127-422b-91ae-364da2661108
Ubuntu update for qemu-kvm - Secunia.com	af854a3a-2127-422b-91ae-364da2661108
kvm/qemu-kvm.git - QEMU modified to work with kvm	af854a3a-2127-422b-91ae-364da2661108
kvm/qemu-kvm.git - QEMU modified to work with kvm	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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