



CVE-2012-0029

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

Summary

CVE	CVE-2012-0029
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-01-27 15:55:04 UTC
Updated	2026-04-29 01:13:23 UTC
Description	Heap-based buffer overflow in the process_tx_desc function in the e1000 emulation (hw/e1000.c) in qemu-kvm 0.12, and p

Risk And Classification

Primary CVSS: v2.0 7.4 from nvd@nist.gov

AV:A/AC:M/Au:S/C:C/I:C/A:C

Problem Types: CWE-119 | n/a

CVSS v2.0 Breakdown

Access Vector

Adjacent

Access Complexity

Medium

Authentication

Single

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:A/AC:M/Au:S/C:C/I:C/A:C

NVD Known Affected Configurations (CPE 2.3)

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

Vendor Declared Affected Products

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

References

Reference	Source
openSUSE-SU-2012:0207-1: moderate: kvm: fixing initgroups bug and e1000	af854a3a-2127-422b-
Bug 772075 – CVE-2012-0029 qemu: e1000: process_tx_desc legacy mode packets heap overflow	af854a3a-2127-422b-
Security Advisory SA47992 - SUSE update for kvm - Secunia	af854a3a-2127-422b-
Support	af854a3a-2127-422b-
USN-1339-1: QEMU vulnerability Ubuntu	af854a3a-2127-422b-
Red Hat Customer Portal	af854a3a-2127-422b-
Security Advisory SA48318 - Red Hat update for xen - Secunia	af854a3a-2127-422b-
Security Advisory SA47740 - Qemu Two Buffer Overflow Vulnerabilities - Secunia	af854a3a-2127-422b-
git.qemu.org Git - qemu.git/log	af854a3a-2127-422b-
[security-announce] SUSE-SU-2012:1320-1: important: Security update for	af854a3a-2127-422b-
Security Advisory SA50913 - SUSE update for qemu - Secunia	af854a3a-2127-422b-
QEMU KVM CVE-2012-0029 Local Privilege Escalation Vulnerability	af854a3a-2127-422b-
IBM X-Force Exchange	af854a3a-2127-422b-
[SECURITY] Fedora 15 Update: qemu-0.14.0-9.fc15	af854a3a-2127-422b-
Security Advisory SA47741 - KVM qemu-kvm "process_tx_desc()" Buffer Overflow Vulnerability - Secunia	af854a3a-2127-422b-
git.qemu.org Git - qemu.git/log	MITRE
Red Hat Customer Portal	MITRE
Red Hat Customer Portal	MITRE
Red Hat Customer Portal	MITRE
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Red Hat Customer Portal	MITRE
access.redhat.com CVE-2012-0029	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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