CVE-2011-4347

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2011-4347
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-06-08 13:05:55 UTC
Updated	2026-04-29 01:13:23 UTC
Description	The kvm_vm_ioctl_assign_device function in virt/kvm/assigned-dev.c in the KVM subsystem in the Linux kernel before 3.1.

Risk And Classification

Primary CVSS: v2.0 4 from nvd@nist.gov

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

Problem Types: CWE-264 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

High

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	3.1.1	All	All	All

Operating System	Linux	Linux Kernel	3.1.2	All	All	All
Operating System	Linux	Linux Kernel	3.1.3	All	All	All
Operating System	Linux	Linux Kernel	3.1.4	All	All	All
Operating System	Linux	Linux Kernel	3.1.5	All	All	All
Operating System	Linux	Linux Kernel	3.1.6	All	All	All
Operating System	Linux	Linux Kernel	3.1.7	All	All	All
Operating System	Linux	Linux Kernel	3.1.8	All	All	All
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	Source	Link
KVM: Device assignment permission checks · torvalds/linux@c4e7f90 · GitHub	af854a3a-2127-422b-91ae-364da2661108	github.com
Bug 756084 – CVE-2011-4347 kernel: kvm: device assignment DoS	af854a3a-2127-422b-91ae-364da2661108	bugzilla.redhat
oss-security - Re: CVE request -- kernel: kvm: device assignment DoS	af854a3a-2127-422b-91ae-364da2661108	www.openwall
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.1.10	af854a3a-2127-422b-91ae-364da2661108	www.kernel.or
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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