CVE-2012-2137

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Summary

CVE	CVE-2012-2137
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-01-22 23:55:00 UTC
Updated	2023-08-11 18:44:00 UTC
Description	Buffer overflow in virt/kvm/irq_comm.c in the KVM subsystem in the Linux kernel before 3.2.24 allows local users to cause a

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	10.04	All	All	All
Operating System	Canonical	Ubuntu Linux	11.10	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	3.0.1	All	All	All
Operating System	Linux	Linux Kernel	3.0.10	All	All	All
Operating System	Linux	Linux Kernel	3.0.11	All	All	All
Operating System	Linux	Linux Kernel	3.0.12	All	All	All
Operating System	Linux	Linux Kernel	3.0.13	All	All	All
Operating System	Linux	Linux Kernel	3.0.14	All	All	All
Operating System	Linux	Linux Kernel	3.0.15	All	All	All
Operating System	Linux	Linux Kernel	3.0.16	All	All	All
Operating System	Linux	Linux Kernel	3.0.17	All	All	All
Operating System	Linux	Linux Kernel	3.0.18	All	All	All
Operating System	Linux	Linux Kernel	3.0.19	All	All	All
Operating System	Linux	Linux Kernel	3.0.2	All	All	All
Operating System	Linux	Linux Kernel	3.0.20	All	All	All

Operating System	Linux	Linux Kernel	3.0.21	All	All	All
Operating System	Linux	Linux Kernel	3.0.22	All	All	All
Operating System	Linux	Linux Kernel	3.0.23	All	All	All
Operating System	Linux	Linux Kernel	3.0.24	All	All	All
Operating System	Linux	Linux Kernel	3.0.25	All	All	All
Operating System	Linux	Linux Kernel	3.0.26	All	All	All
Operating System	Linux	Linux Kernel	3.0.27	All	All	All
Operating System	Linux	Linux Kernel	3.0.28	All	All	All
Operating System	Linux	Linux Kernel	3.0.29	All	All	All
Operating System	Linux	Linux Kernel	3.0.3	All	All	All
Operating System	Linux	Linux Kernel	3.0.30	All	All	All
Operating System	Linux	Linux Kernel	3.0.31	All	All	All
Operating System	Linux	Linux Kernel	3.0.32	All	All	All
Operating System	Linux	Linux Kernel	3.0.33	All	All	All
Operating System	Linux	Linux Kernel	3.0.34	All	All	All
Operating System	Linux	Linux Kernel	3.0.4	All	All	All
Operating System	Linux	Linux Kernel	3.0.5	All	All	All
Operating System	Linux	Linux Kernel	3.0.6	All	All	All
Operating System	Linux	Linux Kernel	3.0.7	All	All	All
Operating System	Linux	Linux Kernel	3.0.8	All	All	All
Operating System	Linux	Linux Kernel	3.0.9	All	All	All
Operating System	Linux	Linux Kernel	3.1.1	All	All	All
Operating System	Linux	Linux Kernel	3.1.10	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	3.1.9	All	All	All
Operating System	Linux	Linux Kernel	3.2.1	All	All	All
Operating System	Linux	Linux Kernel	3.2.10	All	All	All
Operating System	Linux	Linux Kernel	3.2.11	All	All	All
Operating System	Linux	Linux Kernel	3.2.12	All	All	All

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Operating System	Linux	Linux Kernel	3.2.15	All	All	All
Operating System	Linux	Linux Kernel	3.2.16	All	All	All
Operating System	Linux	Linux Kernel	3.2.17	All	All	All
Operating System	Linux	Linux Kernel	3.2.18	All	All	All
Operating System	Linux	Linux Kernel	3.2.19	All	All	All
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Operating System	Linux	Linux Kernel	3.2.20	All	All	All
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Operating System	Linux	Linux Kernel	3.2.22	All	All	All
Operating System	Linux	Linux Kernel	3.2.3	All	All	All
Operating System	Linux	Linux Kernel	3.2.4	All	All	All
Operating System	Linux	Linux Kernel	3.2.5	All	All	All
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Operating System	Linux	Linux Kernel	3.2.9	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link
USN-1529-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	ubuntu.cor
USN-1607-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	ubuntu.cor
Linux Kernel KVM 'kvm_set_irq()' Function Local Buffer Overflow Vulnerability	BID	www.secu
816151 – (CVE-2012-2137) CVE-2012-2137 kernel: kvm: buffer overflow in kvm_set_irq()	CONFIRM	bugzilla.re
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.2.24	CONFIRM	www.kerne
[security-announce] openSUSE-SU-2013:0925-1: important: kernel: security	SUSE	lists.opens
kernel-team - [PATCH Oneiric CVE-2012-2137] KVM: Fix buffer overflow in kvm_set_irq()	MISC	ubuntu.5.n
USN-1606-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubun
'[security bulletin] HPSBGN02970 rev.1 - HP Rapid Deployment Pack (RDP) or HP Insight Control Server ' - MARC	HP	marc.info
Red Hat Customer Portal	REDHAT	rhn.redhat.
Security Alerts - Secunia	SECUNIA	secunia.co
Security Alerts - Secunia	SECUNIA	secunia.co
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.c
USN-1609-1: Linux kernel (OMAP4) vulnerability | Ubuntu	UBUNTU	www.ubun
USN-1594-1: Linux kernel (Oneiric backport) vulnerabilities | Ubuntu	UBUNTU	www.ubun
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.c
CVE Program record	CVE.ORG	www.cve.o
NVD vulnerability detail	NVD	nvd.nist.go

No vendor comments have been submitted for this CVE.

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

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status **status.cve.report**