



CVE-2014-3601

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

Summary

CVE	CVE-2014-3601
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-09-01 01:55:00 UTC
Updated	2023-02-13 00:40:00 UTC
Description	The kvm_iommu_map_pages function in virt/kvm/iommu.c in the Linux kernel through 3.16.1 miscalculates the number of p

Risk And Classification

Problem Types: CWE-189

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Linux	Linux Kernel	3.16.0	All	All	All
Operating System	Linux	Linux Kernel	3.16.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Opensuse	Evergreen	11.4	All	All	All
Operating System	Opensuse	Evergreen	11.4	All	All	All
Application	Suse	Linux Enterprise Real Time Extension	11.0	sp3	All	All
Application	Suse	Linux Enterprise Real Time Extension	11.0	sp3	All	All
Operating System	Suse	Linux Enterprise Server	11	sp2	All	All
Operating System	Suse	Linux Enterprise Server	11	sp2	All	All
Operating System	Suse	Suse Linux Enterprise Server	11	All	All	All
Operating System	Suse	Suse Linux Enterprise Server	11	All	All	All

References

Reference	Source	Link
USN-2357-1: Linux kernel (OMAP4) vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com
Bug 1131951 – CVE-2014-3601 kernel: kvm: invalid parameter passing in kvm_iommu_map_pages()	CONFIRM	bugzilla.redhat.com
git.kernel.org	MISC	git.kernel.org
USN-2356-1: Linux kernel vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com
IBM X-Force Exchange	XF	exchange.xforce.ibmcloud.com
Malformed Request	BID	www.securityfocus.com/bid
[security-announce] SUSE-SU-2015:0736-1: important: Security update for	SUSE	lists.opensuse.org
USN-2358-1: Linux kernel (Trusty HWE) vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com
[security-announce] openSUSE-SU-2015:0566-1: important: kernel update for	SUSE	lists.opensuse.org
About Secunia Research Flexera	SECUNIA	secunia.com
kvm: iommu: fix the third parameter of kvm_iommu_put_pages (CVE-2014-3601) · torvalds/linux@350b8bd · GitHub	CONFIRM	github.com
[security-announce] SUSE-SU-2015:0481-1: important: Security update for	SUSE	lists.opensuse.org
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org
USN-2359-1: Linux kernel vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com
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.

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