CVE-2014-3690

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

Summary

CVE	CVE-2014-3690
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-11-10 11:55:00 UTC
Updated	2023-02-13 00:42:00 UTC
Description	arch/x86/kvm/vmx.c in the KVM subsystem in the Linux kernel before 3.17.2 on Intel processors does not ensure that the va

Risk And Classification

Problem Types: CWE-400

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	14.10	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	Canonical	Ubuntu Linux	14.10	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Novell	Suse Linux Enterprise Desktop	12.0	-	All	All
Operating System	Novell	Suse Linux Enterprise Desktop	12.0	-	All	All
Operating System	Novell	Suse Linux Enterprise Server	11	sp2	All	All
Operating System	Novell	Suse Linux Enterprise Server	12.0	-	All	All
Operating System	Novell	Suse Linux Enterprise Server	11	sp2	All	All
Operating System	Novell	Suse Linux Enterprise Server	12.0	-	All	All
Operating System	Opensuse	Evergreen	11.4	All	All	All

Operating System	Opensuse	Evergreen	11.4	All	All	All
Operating System	Redhat	Enterprise Linux	5.0	All	All	All
Operating System	Redhat	Enterprise Linux	5.0	All	All	All
Operating System	Suse	Linux Enterprise Real Time Extension	11	sp3	All	All
Operating System	Suse	Linux Enterprise Real Time Extension	11	sp3	All	All
Operating System	Suse	Linux Enterprise Software Development Kit	12	-	All	All
Operating System	Suse	Linux Enterprise Software Development Kit	12	-	All	All
Operating System	Suse	Linux Enterprise Workstation Extension	12	All	All	All
Operating System	Suse	Linux Enterprise Workstation Extension	12	All	All	All

References

Reference	Source	Link	Tags
Red Hat Customer Portal	REDHAT	rhn.redhat.com	Third
oss-security - Re: CVE-2014-3690: KVM DoS triggerable by malicious host userspace	MLIST	www.openwall.com	Maili
USN-2417-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com	Third
git.kernel.org	MISC	git.kernel.org	
Debian -- Security Information -- DSA-3060-1 linux	DEBIAN	www.debian.org	Third
Support / Security / Advisories / / MDVSA-2015:058 | Mandriva	MANDRIVA	www.mandriva.com	Brok
Bug 1153322 – CVE-2014-3690 kernel: kvm: vmx: invalid host cr4 handling across vm entries	CONFIRM	bugzilla.redhat.com	Issu
oss-security - CVE-2014-3690: KVM DoS triggerable by malicious host userspace	MLIST	www.openwall.com	Maili
[security-announce] SUSE-SU-2015:0736-1: important: Security update for	SUSE	lists.opensuse.org	Maili
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.17.2	CONFIRM	www.kernel.org	Maili
USN-2419-1: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com	Third
Security Advisory SA60174 - Ubuntu update for kernel - Secunia	SECUNIA	secunia.com	Brok
[security-announce] SUSE-SU-2015:0178-1: important: Security update for	SUSE	lists.opensuse.org	Maili
[security-announce] openSUSE-SU-2015:0566-1: important: kernel update fo	SUSE	lists.opensuse.org	Maili
USN-2421-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com	Third
x86,kvm,vmx: Preserve CR4 across VM entry · torvalds/linux@d974baa · GitHub	CONFIRM	github.com	Patc
Red Hat Customer Portal	REDHAT	rhn.redhat.com	Third
[security-announce] SUSE-SU-2015:0481-1: important: Security update for	SUSE	lists.opensuse.org	Maili
USN-2418-1: Linux kernel (OMAP4) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com	Third
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org	Maili
Linux Kernel KVM CVE-2014-3690 Local Denial of Service Vulnerability	BID	www.securityfocus.com	Third
Red Hat Customer Portal	REDHAT	rhn.redhat.com	Third
USN-2420-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com	Third

CVE Program record	CVE.ORG	www.cve.org	canc
NVD vulnerability detail	NVD	nvd.nist.gov	canc

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