



CVE-2014-7842

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Summary

CVE	CVE-2014-7842
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-11-30 01:59:00 UTC
Updated	2023-02-13 00:42:00 UTC
Description	Race condition in arch/x86/kvm/x86.c in the Linux kernel before 3.17.4 allows guest OS users to cause a denial of service (

Risk And Classification

Problem Types: CWE-362

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	3.0	rc1	All	All
Operating System	Linux	Linux Kernel	3.0	rc2	All	All
Operating System	Linux	Linux Kernel	3.0	rc3	All	All
Operating System	Linux	Linux Kernel	3.0	rc4	All	All
Operating System	Linux	Linux Kernel	3.0	rc5	All	All
Operating System	Linux	Linux Kernel	3.0	rc6	All	All
Operating System	Linux	Linux Kernel	3.0	rc7	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

[illegible]

Operating System	Linux	Linux Kernel	3.0.50	All	All	All
Operating System	Linux	Linux Kernel	3.0.51	All	All	All
Operating System	Linux	Linux Kernel	3.0.52	All	All	All
Operating System	Linux	Linux Kernel	3.0.53	All	All	All
Operating System	Linux	Linux Kernel	3.0.54	All	All	All
Operating System	Linux	Linux Kernel	3.0.55	All	All	All
Operating System	Linux	Linux Kernel	3.0.56	All	All	All
Operating System	Linux	Linux Kernel	3.0.57	All	All	All
Operating System	Linux	Linux Kernel	3.0.58	All	All	All
Operating System	Linux	Linux Kernel	3.0.59	All	All	All
Operating System	Linux	Linux Kernel	3.0.6	All	All	All
Operating System	Linux	Linux Kernel	3.0.60	All	All	All
Operating System	Linux	Linux Kernel	3.0.61	All	All	All
Operating System	Linux	Linux Kernel	3.0.62	All	All	All
Operating System	Linux	Linux Kernel	3.0.63	All	All	All
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Operating System	Linux	Linux Kernel	3.0.67	All	All	All
Operating System	Linux	Linux Kernel	3.0.68	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	All	All	All
Operating System	Linux	Linux Kernel	3.1	rc1	All	All
Operating System	Linux	Linux Kernel	3.1	rc2	All	All
Operating System	Linux	Linux Kernel	3.1	rc3	All	All
Operating System	Linux	Linux Kernel	3.1	rc4	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

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Operating System	Linux	Linux Kernel	3.12.9	All	All	All
Operating System	Linux	Linux Kernel	3.13	All	All	All
Operating System	Linux	Linux Kernel	3.13.1	All	All	All
Operating System	Linux	Linux Kernel	3.13.10	All	All	All
Operating System	Linux	Linux Kernel	3.13.11	All	All	All
Operating System	Linux	Linux Kernel	3.13.2	All	All	All
Operating System	Linux	Linux Kernel	3.13.3	All	All	All
Operating System	Linux	Linux Kernel	3.13.4	All	All	All
Operating System	Linux	Linux Kernel	3.13.5	All	All	All
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Operating System	Linux	Linux Kernel	3.13.7	All	All	All
Operating System	Linux	Linux Kernel	3.13.8	All	All	All
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Operating System	Linux	Linux Kernel	3.14	rc1	All	All
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Operating System	Linux	Linux Kernel	3.14	rc4	All	All
Operating System	Linux	Linux Kernel	3.14	rc5	All	All
Operating System	Linux	Linux Kernel	3.14	rc6	All	All
Operating System	Linux	Linux Kernel	3.14	rc7	All	All
Operating System	Linux	Linux Kernel	3.14	rc8	All	All
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Operating System	Linux	Linux Kernel	3.14.2	All	All	All
Operating System	Linux	Linux Kernel	3.14.3	All	All	All
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Operating System	Linux	Linux Kernel	3.15.8	All	All	All

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Operating System	Linux	Linux Kernel	3.16.0	All	All	All
Operating System	Linux	Linux Kernel	3.16.1	All	All	All
Operating System	Linux	Linux Kernel	3.17	All	All	All
Operating System	Linux	Linux Kernel	3.17.1	All	All	All
Operating System	Linux	Linux Kernel	3.17.2	All	All	All
Operating System	Linux	Linux Kernel	3.2	All	All	All
Operating System	Linux	Linux Kernel	3.2	All	All	All
Operating System	Linux	Linux Kernel	3.2	rc2	All	All
Operating System	Linux	Linux Kernel	3.2	rc3	All	All
Operating System	Linux	Linux Kernel	3.0	rc1	All	All
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Operating System	Linux	Linux Kernel	3.0	rc5	All	All
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Operating System	Linux	Linux Kernel	3.0	rc7	All	All
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Operating System	Linux	Linux Kernel	3.0.11	All	All	All
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Operating System	Linux	Linux Kernel	3.0.16	All	All	All
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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

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Operating System	Linux	Linux Kernel	3.0.59	All	All	All
Operating System	Linux	Linux Kernel	3.0.6	All	All	All
Operating System	Linux	Linux Kernel	3.0.60	All	All	All
Operating System	Linux	Linux Kernel	3.0.61	All	All	All
Operating System	Linux	Linux Kernel	3.0.62	All	All	All
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Operating System	Linux	Linux Kernel	3.0.68	All	All	All
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Operating System	Linux	Linux Kernel	3.1	All	All	All
Operating System	Linux	Linux Kernel	3.1	rc1	All	All
Operating System	Linux	Linux Kernel	3.1	rc2	All	All
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Operating System	Linux	Linux Kernel	3.1	rc4	All	All
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Operating System	Linux	Linux Kernel	3.1.10	All	All	All
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Operating System	Linux	Linux Kernel	3.10.11	All	All	All
Operating System	Linux	Linux Kernel	3.10.12	All	All	All

[illegible]

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Operating System	Linux	Linux Kernel	3.13.6	All	All	All
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Operating System	Linux	Linux Kernel	3.14	rc1	All	All
Operating System	Linux	Linux Kernel	3.14	rc2	All	All
Operating System	Linux	Linux Kernel	3.14	rc3	All	All
Operating System	Linux	Linux Kernel	3.14	rc4	All	All
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Operating System	Linux	Linux Kernel	3.14	rc6	All	All
Operating System	Linux	Linux Kernel	3.14	rc7	All	All
Operating System	Linux	Linux Kernel	3.14	rc8	All	All
Operating System	Linux	Linux Kernel	3.14.1	All	All	All
Operating System	Linux	Linux Kernel	3.14.2	All	All	All
Operating System	Linux	Linux Kernel	3.14.3	All	All	All
Operating System	Linux	Linux Kernel	3.14.4	All	All	All
Operating System	Linux	Linux Kernel	3.14.5	All	All	All
Operating System	Linux	Linux Kernel	3.15	All	All	All
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Operating System	Linux	Linux Kernel	3.15.2	All	All	All
Operating System	Linux	Linux Kernel	3.15.3	All	All	All
Operating System	Linux	Linux Kernel	3.15.4	All	All	All
Operating System	Linux	Linux Kernel	3.15.5	All	All	All
Operating System	Linux	Linux Kernel	3.15.6	All	All	All
Operating System	Linux	Linux Kernel	3.15.7	All	All	All
Operating System	Linux	Linux Kernel	3.15.8	All	All	All
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Operating System	Linux	Linux Kernel	3.16.1	All	All	All
Operating System	Linux	Linux Kernel	3.17	All	All	All
Operating System	Linux	Linux Kernel	3.17.1	All	All	All
Operating System	Linux	Linux Kernel	3.17.2	All	All	All
Operating System	Linux	Linux Kernel	3.2	All	All	All
Operating System	Linux	Linux Kernel	3.2	All	All	All
Operating System	Linux	Linux Kernel	3.2	rc2	All	All
Operating System	Linux	Linux Kernel	3.2	rc3	All	All

Operating System	Linux	Linux Kernel	CVE	Red Hat	Red Hat	Red Hat
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org
Bug 1163762 – CVE-2010-5313 CVE-2014-7842 kernel: kvm: reporting emulation failures to userspace	CONFIRM	bugzilla.redhat.com
Red Hat Customer Portal	REDHAT	rhn.redhat.com
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.17.4	CONFIRM	www.kernel.org
KVM: x86: Don't report guest userspace emulation error to userspace · torvalds/linux@a2b9e6c · GitHub	CONFIRM	github.com
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Security Advisory SA62326 - Ubuntu update for kernel - Secunia	SECUNIA	secunia.com
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[security-announce] openSUSE-SU-2015:0566-1: important: kernel update fo	SUSE	lists.opensuse.org
Oracle Linux Bulletin - October 2015	CONFIRM	www.oracle.com
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org
Security Advisory SA62305 - Ubuntu update for kernel - Secunia	SECUNIA	secunia.com
[security-announce] SUSE-SU-2015:0481-1: important: Security update for	SUSE	lists.opensuse.org
Oracle Linux Bulletin - January 2016	CONFIRM	www.oracle.com
Security Advisory SA62336 - Ubuntu update for kernel - Secunia	SECUNIA	secunia.com
[security-announce] SUSE-SU-2015:0652-1: important: Security update for	SUSE	lists.opensuse.org
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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