CVE-2014-7840

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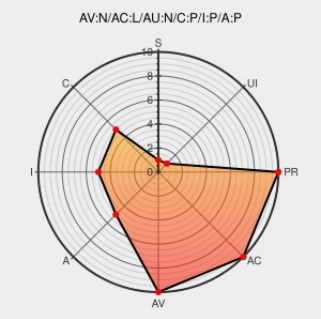
CVE-2014-7840

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Qemu from Qemu contain the following vulnerability:

The host_from_stream_offset function in arch_init.c in QEMU, when loading RAM during migration, allows remote attackers to execute arbitrary code via a crafted (1) offset or (2) length value in savevm data.

CVE-2014-7840 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: 7.5 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
access.redhat.com | CVE-2014-7840	access.redhat.com, text/html	MISC access.redhat.com/security/cve/CVE-2014-7840
Red Hat Customer Portal	Third Party Advisory, web.archive.org, text/html, Inactive Link, Not Archived	REDHAT RHSA-2015:0624
Red Hat Customer Portal	access.redhat.com, text/html	MISC access.redhat.com/errata/RHSA-2015:0624
thread.gmane.org | 522: Connection timed out	Broken Link, thread.gmane.org, text/html, Inactive Link, Not Archived	MLIST [qemu-devel] 20141112 [PATCH 0/4] migration: fix CVE-2014-7840
IBM X-Force Exchange	Third Party Advisory	XF qemu-cve20147840-code-exec(99194)

	VDB Entry exchange.xforce.ibmcloud.com text/html	
git.qemu.org Git - qemu.git/commit	web.archive.org text/xml Inactive Link Not Archived	MISC git.qemu.org/?p=qemu.git%3Ba=commit%3Bh=0be839a2701369f669532ea5884c15bead1c6e08
Bug 1163075 – CVE-2014-7840 qemu: insufficient parameter validation during ram load	Issue Tracking Third Party Advisory bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=1163075
Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2015:0349
Red Hat Customer Portal	Third Party Advisory web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2015:0349

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Qemu	Qemu	All	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Eus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Eus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Eus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Eus	7.3	All	All	All

Operating System	Redhat	Enterprise Linux Eus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Eus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Application	Redhat	Virtualization	3.0	All	All	All
Application	Redhat	Virtualization	3.0	All	All	All

cpe:2.3:a:qemu:qemu:*:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_desktop:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_desktop:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_eus:7.3:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_eus:7.4:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_eus:7.5:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_eus:7.6:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_eus:7.7:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_eus:7.3:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_eus:7.4:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_eus:7.5:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_eus:7.6:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_eus:7.7:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server_aus:7.3:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server_aus:7.4:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server_aus:7.6:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server_aus:7.7:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server_aus:7.3:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server_aus:7.4:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server_aus:7.6:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server_aus:7.7:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_workstation:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_workstation:7.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:virtualization:3.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:virtualization:3.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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