CVE-2016-5126

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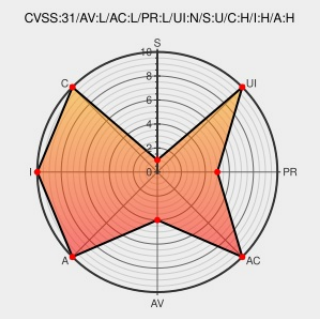
CVE-2016-5126

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



Certain versions of Ubuntu Linux from Canonical contain the following vulnerability:

Heap-based buffer overflow in the iscsi_aio_ioctl function in block/iscsi.c in QEMU allows local guest OS users to cause a denial of service (QEMU process crash) or possibly execute arbitrary code via a crafted iSCSI asynchronous I/O ioctl call.

CVE-2016-5126 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.8 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 4.6 - MEDIUM

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

CVE References

Description	Tags	Link
Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2016:1606
1340924 – (CVE-2016-5126) CVE-2016-5126	Issue Tracking Third Party Advisory	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=1340924

Qemu: block: iscsi: buffer overflow in iscsi_aio_ioctl	bugzilla.redhat.com text/html	
[SECURITY] [DLA 1927-1] qemu security update	Mailing List Third Party Advisory lists.debian.org text/html	MLIST [debian-lts-announce] 20190920 [SECURITY] [DLA 1927-1] qemu security update
oss-security - Re: CVE Request Qemu: block: iscsi: buffer overflow in iscsi_aio_ioctl	Mailing List Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20160530 Re: CVE Request Qemu: block: iscsi: buffer overflow in iscsi_aio_ioctl
Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2016:1607
Red Hat Customer Portal	Third Party Advisory web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2016:1607
Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2016:1653
CVE-2016-5126 - Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/security/cve/CVE-2016-5126
Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2016:1654
Oracle Linux Bulletin - July 2016	Third Party Advisory web.archive.org text/html Inactive Link Not Archived	CONFIRM www.oracle.com/technetwork/topics/security/linuxbulletinjul2016-3090544.html
Red Hat Customer Portal	Third Party Advisory web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2016:1655
Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2016:1655
USN-3047-1: QEMU vulnerabilities | Ubuntu	Third Party Advisory www.ubuntu.com text/html	UBUNTU USN-3047-1
[Qemu-block] [PATCH] block/iscsi: avoid potential overflow of acb->task-	Mailing List Patch Third Party Advisory lists.gnu.org text/x-diff	MLIST [qemu-block] 20160524 [Qemu-block] [PATCH] block/iscsi: avoid potential overflow of acb->task->cdb
Red Hat Customer Portal	Third Party Advisory web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2016:1756
Red Hat Customer Portal	Third Party Advisory web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2016:1654
git.qemu.org Git	git.qemu.org text/xml Inactive Link Not Archived	MISC git.qemu.org/?p=qemu.git%3Ba=commit%3Bh=a6b3167fa0e825aebb5a7cd8b437b6d41584a196
USN-3047-2: QEMU	Third Party Advisory	UBUNTU USN-3047-2

regression | Ubuntu	www.ubuntu.com text/html	
oss-security - CVE Request Qemu: block: iscsi: buffer overflow in iscsi_aio_ioctl	Mailing List Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20160530 CVE Request Qemu: block: iscsi: buffer overflow in iscsi_aio_ioctl
Red Hat Customer Portal	Third Party Advisory web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2016:1653
Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2016:1756
Red Hat Customer Portal	Third Party Advisory web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2016:1763
Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2016:1763
QEMU 'block/iscsi.c' Heap Based Buffer Overflow Vulnerability	Third Party Advisory VDB Entry cve.report (archive) text/html	BID 90948
QEMU: Multiple vulnerabilities (GLSA 201609-01) — Gentoo security	Third Party Advisory security.gentoo.org text/html	GENTOO GLSA-201609-01
Red Hat Customer Portal	Third Party Advisory web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2016:1606

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

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	16.04	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	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Oracle	Linux	7	-	All	All
Operating System	Oracle	Linux	7	-	All	All
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	7.2	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	7.2	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	7.2	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	7.2	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 Tus	7.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	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	Openstack	5.0	All	All	All
Application	Redhat	Openstack	6.0	All	All	All
Application	Redhat	Openstack	7.0	All	All	All

Application	Redhat	Openstack	8	All	All	All
Application	Redhat	Openstack	8.0	All	All	All
Application	Redhat	Openstack	9	All	All	All
Application	Redhat	Openstack	9.0	All	All	All
Application	Redhat	Openstack	5.0	All	All	All
Application	Redhat	Openstack	6.0	All	All	All
Application	Redhat	Openstack	7.0	All	All	All
Application	Redhat	Openstack	8.0	All	All	All
Application	Redhat	Openstack	9.0	All	All	All
Application	Redhat	Virtualization	3.0	All	All	All
Application	Redhat	Virtualization	3.0	All	All	All

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cpe:2.3:a:redhat:openstack:5.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:openstack:6.0:*:*:*:*:*:*:*:

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cpe:2.3:a:redhat:openstack:8.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:openstack:9:*:*:*:*:*:*:*:

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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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