CVE-2018-18849

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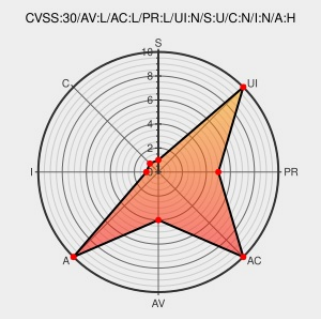
CVE-2018-18849

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



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

In Qemu 3.0.0, lsi_do_msgin in hw/scsi/lsi53c895a.c allows out-of-bounds access by triggering an invalid msg_len value.

CVE-2018-18849 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.5 - MEDIUM

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

CVSS2 Score: 2.1 - LOW

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

CVE References

Description	Tags	Link
oss-security - CVE-2018-18849 Qemu: lsi53c895a: OOB msg buffer access leads to DoS	Mailing List Patch Third Party Advisory www.openwall.com text/html	MISC www.openwall.com/lists/oss-security/2018/11/01/1

[Qemu-devel] [PATCH v3] lsi53c895a: check message length value is valid	Patch Third Party Advisory lists.gnu.org text/x-diff	MISC lists.gnu.org/archive/html/qemu-devel/2018-10/msg06401.html
[SECURITY] Fedora 29 Update: qemu-3.0.0-2.fc29 - package-announce - Fedora Mailing-Lists	Third Party Advisory lists.fedoraproject.org text/html	FEDORA FEDORA-2018-87f2ace20d
USN-3826-1: QEMU vulnerabilities | Ubuntu security notices	Third Party Advisory usn.ubuntu.com text/html	UBUNTU USN-3826-1
March 2019 QEMU Vulnerabilities in NetApp Products | NetApp Product Security	Third Party Advisory security.netapp.com text/html	CONFIRM security.netapp.com/advisory/ntap-20190411-0006/
[security-announce] openSUSE-SU-2018:4004-1: important: Security update	Third Party Advisory lists.opensuse.org text/html	SUSE openSUSE-SU-2018:4004
[SECURITY] [DLA 1781-1] qemu security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20190509 [SECURITY] [DLA 1781-1] qemu security update
[security-announce] openSUSE-SU-2018:4147-1: moderate: Security update f	Third Party Advisory lists.opensuse.org text/html	SUSE openSUSE-SU-2018:4147
Debian -- Security Information -- DSA-4454-1 qemu	www.debian.org Depreciated Link text/html	DEBIAN DSA-4454
[security-announce] openSUSE-SU-2018:4111-1: important: Security update	Third Party Advisory lists.opensuse.org text/html	SUSE openSUSE-SU-2018:4111
Bugtraq: [SECURITY] [DSA 4454-1] qemu security update	seclists.org text/html	BUGTRAQ 20190531 [SECURITY] [DSA 4454-1] qemu security update

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	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating	Canonical	Ubuntu Linux	14.04	All	All	All

System						
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	42.3	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	42.3	All	All	All
Application	Qemu	Qemu	3.0.0	All	All	All
Application	Qemu	Qemu	3.0.0	All	All	All

cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:18.10:*:*:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:18.10:*:*:*:*:*:*:*:

cpe:2.3:o:fedoraproject:fedora:29:*:*:*:*:*:*:*:

cpe:2.3:o:fedoraproject:fedora:29:*:*:*:*:*:*:*:

cpe:2.3:o:opensuse:leap:15.0:*:*:*:*:*:*:*:

cpe:2.3:o:opensuse:leap:42.3:*:*:*:*:*:*:*:

cpe:2.3:o:opensuse:leap:15.0:*:*:*:*:*:*:*:

cpe:2.3:o:opensuse:leap:42.3:*:*:*:*:*:*:*:

cpe:2.3:a:qemu:qemu:3.0.0:*:*:*:*:*:*:*:

cpe:2.3:a:qemu:qemu:3.0.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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