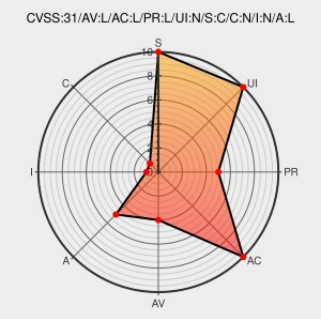
CVE-2019-12068

Published on: 09/24/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:41 PM UTC

CVE-2019-12068

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



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

In QEMU 1:4.1-1, 1:2.1+dfsg-12+deb8u6, 1:2.8+dfsg-6+deb9u8, 1:3.1+dfsg-8~deb10u1, 1:3.1+dfsg-8+deb10u2, and 1:2.1+dfsg-12+deb8u12 (fixed), when executing script in lsi_execute_script(), the LSI scsi adapter emulator advances 's->dsp' index to read next opcode. This can lead to an infinite loop if the next opcode is empty. Move the existing loop exit after 10k iterations so that it covers no-op opcodes as well.

CVE-2019-12068 has been assigned by cve@mitre.org to track the vulnerability - currently rated as LOW severity.

CVSS3 Score: 3.8 - LOW

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

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
[SECURITY] [DLA 1927-1] qemu security update	Mailing List Third Party Advisory	MLIST [debian-lts-announce] 20190920 [SECURITY] [DLA 1927-1] qemu security update

	lists.debian.org text/html	
[security-announce] openSUSE-SU-2019:2510-1: important: Security update	Third Party Advisory lists.opensuse.org text/html	SUSE openSUSE-SU-2019:2510
git.qemu.org Git - qemu.git/commit	Mailing List Vendor Advisory git.qemu.org text/xml	MISC git.qemu.org/?p=qemu.git;a=commit;h=de594e47659029316bbf9391efb79da0a1a08e08
[security-announce] openSUSE-SU-2019:2505-1: important: Security update	Third Party Advisory lists.opensuse.org text/html	SUSE openSUSE-SU-2019:2505
[SECURITY] [DLA 2288-1] qemu security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20200726 [SECURITY] [DLA 2288-1] qemu security update
CVE-2019-12068	Third Party Advisory security-tracker.debian.org text/html	MISC security-tracker.debian.org/tracker/CVE-2019-12068
[Qemu-devel] [PATCH v3 1/2] scsi: lsi: exit infinite loop while executin	Mailing List Patch Third Party Advisory lists.gnu.org text/x-diff	MISC lists.gnu.org/archive/html/qemu-devel/2019-08/msg01518.html
USN-4191-1: QEMU vulnerabilities | Ubuntu security notices | Ubuntu	Third Party Advisory usn.ubuntu.com text/html	UBUNTU USN-4191-1
Debian -- Security Information -- DSA-4665-1 qemu	www.debian.org Depreciated Link text/html	DEBIAN DSA-4665
USN-4191-2: QEMU vulnerabilities | Ubuntu security notices | Ubuntu	Third Party Advisory usn.ubuntu.com text/html	UBUNTU USN-4191-2

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	19.04	All	All	All

Operating System	Canonical	Ubuntu Linux	19.10	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	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Application	Qemu	Qemu	1	2.1+dfsg-12+deb8u6	All	All
Application	Qemu	Qemu	1	2.8+dfsg-6+deb9u8	All	All
Application	Qemu	Qemu	1	3.1+dfsg-8+deb10u2	All	All
Application	Qemu	Qemu	1	3.1+dfsg-8~deb10u1	All	All
Application	Qemu	Qemu	1	4.1-1	All	All
Application	Qemu	Qemu	1\	2.1\+dfsg-12\+deb8u6	All	All
Application	Qemu	Qemu	1\	2.8\+dfsg-6\+deb9u8	All	All
Application	Qemu	Qemu	1\	3.1\+dfsg-8\+deb10u2	All	All
Application	Qemu	Qemu	1\	3.1\+dfsg-8\~deb10u1	All	All
Application	Qemu	Qemu	1\	4.1-1	All	All
Application	Qemu	Qemu	1\	2.1\+dfsg-12\+deb8u6	All	All

Application	Qemu	Qemu	1\	2.8\+dfsg-6\+deb9u8	All	All
Application	Qemu	Qemu	1\	3.1\+dfsg-8\+deb10u2	All	All
Application	Qemu	Qemu	1\	3.1\+dfsg-8\~deb10u1	All	All
Application	Qemu	Qemu	1\	4.1-1	All	All

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

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:19.04:*:*:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:19.10:*:*:*:*:*:*:*:

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

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:19.04:*:*:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:19.10:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:10.0:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:8.0:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:10.0:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:8.0:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:*:*:

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

cpe:2.3:o:opensuse:leap:15.1:*:*:*:*:*:*:*:

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

cpe:2.3:o:opensuse:leap:15.1:*:*:*:*:*:*:*:

cpe:2.3:a:qemu:qemu:1:2.1+dfsg-12+deb8u6:*:*:*:*:*:*:

cpe:2.3:a:qemu:qemu:1:2.8+dfsg-6+deb9u8:*:*:*:*:*:*:

cpe:2.3:a:qemu:qemu:1:3.1+dfsg-8+deb10u2:*:*:*:*:*:*:

cpe:2.3:a:qemu:qemu:1:3.1+dfsg-8~deb10u1:*:*:*:*:*:*:

cpe:2.3:a:qemu:qemu:1:4.1-1:*:*:*:*:*:*:

cpe:2.3:a:qemu:qemu:1\:2.1\+dfsg-12\+deb8u6:*:*:*:*:*:*:*

cpe:2.3:a:qemu:qemu:1\:2.8\+dfsg-6\+deb9u8:*:*:*:*:*:*:*

cpe:2.3:a:qemu:qemu:1\:3.1\+dfsg-8\+deb10u2:*:*:*:*:*:*:*

cpe:2.3:a:qemu:qemu:1\:3.1\+dfsg-8\~deb10u1:*:*:*:*:*:*:*

cpe:2.3:a:qemu:qemu:1\:4.1-1:*:*:*:*:*:*:*

cpe:2.3:a:qemu:qemu:1\:2.1\+dfsg-12\+deb8u6:*:*:*:*:*:*:*

cpe:2.3:a:qemu:qemu:1\:2.8\+dfsg-6\+deb9u8:*:*:*:*:*:*:*

cpe:2.3:a:qemu:qemu:1\:3.1\+dfsg-8\+deb10u2:*:*:*:*:*:*:*

cpe:2.3:a:qemu:qemu:1\:3.1\+dfsg-8\~deb10u1:*:*:*:*:*:*:*

cpe:2.3:a:qemu:qemu:1\:4.1-1:*:*:*:*:*:*:*

No vendor comments have been submitted for this CVE

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