CVE-2015-8558

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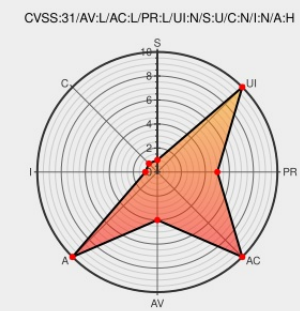
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Debian Linux from Debian contain the following vulnerability:

The ehci_process_itd function in hw/usb/hcd-ehci.c in QEMU allows local guest OS administrators to cause a denial of service (infinite loop and CPU consumption) via a circular isochronous transfer descriptor (iTD) list.

CVE-2015-8558 has been assigned by secalert@redhat.com 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: 4.9 - MEDIUM

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

CVE References

Description	Tags	Link
git.qemu.org Git - qemu.git/commit	Patch, Vendor Advisory, git.qemu.org, text/xml	MISC git.qemu.org/?p=qemu.git%3Ba=commit%3Bh=156a2e4dbffa85997636a7a39ef12da6f1b40254

Debian -- Security Information -- DSA-3471-1 qemu	Third Party Advisory www.debian.org Depreciated Link text/html	DEBIAN DSA-3471
oss-security - Re: CVE request Qemu: usb: infinite loop in ehci_advance_state results in DoS	Mailing List Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20151214 Re: CVE request Qemu: usb: infinite loop in ehci_advance_state results in DoS
Bug 1277983 – CVE-2015-8558 Qemu: usb: infinite loop in ehci_advance_state results in DoS	Issue Tracking Third Party Advisory bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=1277983
Debian -- Security Information -- DSA-3469-1 qemu	Third Party Advisory www.debian.org Depreciated Link text/html	DEBIAN DSA-3469
Debian -- Security Information -- DSA-3470-1 qemu-kvm	Third Party Advisory www.debian.org Depreciated Link text/html	DEBIAN DSA-3470
QEMU CVE-2015-8558 Denial of Service Vulnerability	Third Party Advisory VDB Entry cve.report (archive) text/html	BID 80694
[Qemu-devel] [PATCH] ehci: make idt processing more robust	Mailing List Patch Third Party Advisory lists.gnu.org text/x-diff	MLIST [qemu-devel] 20151214 [PATCH] ehci: make idt processing more robust
oss-security - CVE request Qemu: usb: infinite loop in ehci_advance_state results in DoS	Mailing List Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20151214 CVE request Qemu: usb: infinite loop in ehci_advance_state results in DoS
QEMU: Multiple vulnerabilities (GLSA 201602-01) — Gentoo security	Third Party Advisory security.gentoo.org text/html	GENTOO GLSA-201602-01

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All

Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Qemu	Qemu	All	All	All	All

cpe:2.3:o:debian:debian_linux:7.0:*:*:*:*:*:*:*:

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

cpe:2.3:o:debian:debian_linux:7.0:*:*:*:*:*:*:*:

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

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

No vendor comments have been submitted for this CVE

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