



CVE-2019-17345

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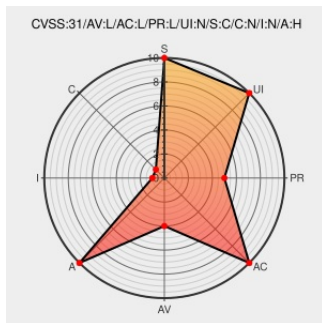
CVE-2019-17345

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Debian Linux](#) from [Debian](#) contain the following vulnerability:

An issue was discovered in Xen 4.8.x through 4.11.x allowing x86 PV guest OS users to cause a denial of service because mishandling of failed IOMMU operations causes a bug check during the cleanup of a crashed guest.

CVE-2019-17345 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.5 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
CHANGED	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
Debian -- Security Information -- DSA-4602-1 xen	www.debian.org Deprecated Link text/html	DEBIAN DSA-4602
XSA-291 - Xen Security Advisories	xenbits.xen.org	CONFIRM xenbits.xen.org/xsa/advisory-291.html

[text/html](#)

Bugtraq: [SECURITY] [DSA 4602-1] xen security update

[seclists.org](#)[text/html](#) [BUGTRAQ 20200114 \[SECURITY\] \[DSA 4602-1\] xen security update](#)

oss-security - Xen Security Advisory 291 v3 (CVE-2019-17345) - x86/PV: page type reference counting issue with failed IOMMU update

[www.openwall.com](#)[text/html](#) [MLIST \[oss-security\] 20191025 Xen Security Advisory 291 v3 \(CVE-2019-17345\) - x86/PV: page type reference counting issue with failed IOMMU update](#)

XSA-291 - Xen Security Advisories

[Vendor Advisory](#)[xenbits.xen.org](#)[text/html](#) [MISC xenbits.xen.org/xsa/advisory-291.html](#)

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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	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Xen	Xen	All	All	All	All
cpe:2.3:o:debian:debian_linux:10.0:*****:						
cpe:2.3:o:debian:debian_linux:9.0:*****:						
cpe:2.3:o:xen:xen:*****:						

No vendor comments have been submitted for this CVE

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