CVE-2019-17341

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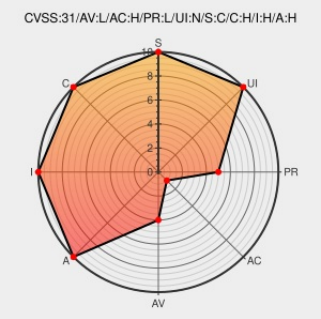

Certain versions of Debian Linux from Debian contain the following vulnerability:

An issue was discovered in Xen through 4.11.x allowing x86 PV guest OS users to cause a denial of service or gain privileges by leveraging a page-writability race condition during addition of a passed-through PCI device.

CVE-2019-17341 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.8 - HIGH

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

CVSS2 Score: 6.9 - MEDIUM

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

CVE References

Description	Tags	Link
Debian -- Security Information -- DSA-4602-1 xen	www.debian.org Depreciated Link text/html	DEBIAN DSA-4602
XSA-285 - Xen Security Advisories	xenbits.xen.org	CONFIRM xenbits.xen.org/xsa/advisory-285.html

	text/html	
oss-security - Xen Security Advisory 285 v3 (CVE-2019-17341) - race with pass-through device hotplug	www.openwall.com text/html	MLIST [oss-security] 20191025 Xen Security Advisory 285 v3 (CVE-2019-17341) - race with pass-through device hotplug
Bugtraq: [SECURITY] [DSA 4602-1] xen security update	seclists.org text/html	BUGTRAQ 20200114 [SECURITY] [DSA 4602-1] xen security update
XSA-285 - Xen Security Advisories	Vendor Advisory xenbits.xen.org text/html	MISC xenbits.xen.org/xsa/advisory-285.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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