



# CVE-2017-12136

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2017-12136
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-08-24 14:29:00 UTC
<b>Updated</b>	2019-05-06 12:46:00 UTC
<b>Description</b>	Race condition in the grant table code in Xen 4.6.x through 4.9.x allows local guest OS administrators to cause a denial of s

## Risk And Classification

**Problem Types:** CWE-362

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Citrix	Xenserver	6.0.2	All	All	All
Application	Citrix	Xenserver	6.2.0	All	All	All
Application	Citrix	Xenserver	6.5	All	All	All
Application	Citrix	Xenserver	7.0	All	All	All
Application	Citrix	Xenserver	7.1	All	All	All
Application	Citrix	Xenserver	7.2	All	All	All
Application	Citrix	Xenserver	6.0.2	All	All	All
Application	Citrix	Xenserver	6.2.0	All	All	All
Application	Citrix	Xenserver	6.5	All	All	All
Application	Citrix	Xenserver	7.0	All	All	All
Application	Citrix	Xenserver	7.1	All	All	All
Application	Citrix	Xenserver	7.2	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	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Xen	Xen	4.6.0	All	All	All

Operating System	Xen	Xen	4.6.1	All	All	All
Operating System	Xen	Xen	4.6.3	All	All	All
Operating System	Xen	Xen	4.6.4	All	All	All
Operating System	Xen	Xen	4.6.5	All	All	All
Operating System	Xen	Xen	4.6.6	All	All	All
Operating System	Xen	Xen	4.7.0	All	All	All
Operating System	Xen	Xen	4.7.1	All	All	All
Operating System	Xen	Xen	4.7.2	All	All	All
Operating System	Xen	Xen	4.7.3	All	All	All
Operating System	Xen	Xen	4.8.0	All	All	All
Operating System	Xen	Xen	4.8.1	All	All	All
Operating System	Xen	Xen	4.9.0	All	All	All
Operating System	Xen	Xen	4.6.0	All	All	All
Operating System	Xen	Xen	4.6.1	All	All	All
Operating System	Xen	Xen	4.6.3	All	All	All
Operating System	Xen	Xen	4.6.4	All	All	All
Operating System	Xen	Xen	4.6.5	All	All	All
Operating System	Xen	Xen	4.6.6	All	All	All
Operating System	Xen	Xen	4.7.0	All	All	All
Operating System	Xen	Xen	4.7.1	All	All	All
Operating System	Xen	Xen	4.7.2	All	All	All
Operating System	Xen	Xen	4.7.3	All	All	All
Operating System	Xen	Xen	4.8.0	All	All	All
Operating System	Xen	Xen	4.8.1	All	All	All
Operating System	Xen	Xen	4.9.0	All	All	All

## References

**Reference**

Xen Grant Table Allocator Race Condition Lets Local Users on a Guest System Gain Elevated Privileges on the Host System - SecurityTrackers

1477651 – (CVE-2017-12136, xsa228) CVE-2017-12136 xsa228 xen: grant\_table: Race conditions with maptrack free list handling (XSA-228)

Xen CVE-2017-12136 Privilege Escalation Vulnerability

Xen: Multiple vulnerabilities (GLSA 201801-14) — Gentoo security

XSA-228 - Xen Security Advisories

Citrix XenServer Multiple Security Updates

Debian -- Security Information -- DSA-3969-1 xen

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[500817](#) Alpine Linux Security Update for xen

[504560](#) Alpine Linux Security Update for xen

[710266](#) Gentoo Linux Xen Multiple Vulnerabilities (GLSA 201801-14)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status [status.cve.report](#)**