



CVE-2017-12855

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2017-12855
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-08-15 16:29:00 UTC
Updated	2017-11-15 02:29:00 UTC
Description	Xen maintains the <code>_GTF_{read,writ}</code> ing bits as appropriate, to inform the guest that a grant is in use. A guest is expected not

Risk And Classification

Problem Types: CWE-200

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Xen	Xen	4.5.0	All	All	All
Operating System	Xen	Xen	4.5.1	All	All	All
Operating System	Xen	Xen	4.5.2	All	All	All
Operating System	Xen	Xen	4.5.3	All	All	All
Operating System	Xen	Xen	4.5.5	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	4.5.0	All	All	All
Operating System	Xen	Xen	4.5.1	All	All	All
Operating System	Xen	Xen	4.5.2	All	All	All
Operating System	Xen	Xen	4.5.3	All	All	All
Operating System	Xen	Xen	4.5.5	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 CVE-2017-12855 Local Information Disclosure Vulnerability](#)

[Citrix XenServer Multiple Security Updates](#)

[Xen Premature GTF Bit Clearing Lets Local Users on a Guest System Obtain Potentially Sensitive Information From Other Guest Systems - Se](#)

[Debian -- Security Information -- DSA-3969-1 xen](#)

[XSA-230 - Xen Security Advisories](#)

[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

© [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](#)