



CVE-2020-27670

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

Summary

CVE	CVE-2020-27670
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-10-22 21:15:00 UTC
Updated	2023-11-07 03:20:00 UTC
Description	An issue was discovered in Xen through 4.14.x allowing x86 guest OS users to cause a denial of service (data corruption),

Risk And Classification

Problem Types: CWE-345

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All
Operating System	Xen	Xen	All	All	All	All

References

Reference	Source	Link
Xen: Multiple vulnerabilities (GLSA 202011-06) — Gentoo security	GENTOO	security.gentoo.org
[SECURITY] Fedora 31 Update: xen-4.12.3-8.fc31 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.o
[security-announce] openSUSE-SU-2020:1844-1: important: Security update	SUSE	lists.opensuse.org
[security-announce] openSUSE-SU-2020:1783-1: important: Security update	SUSE	lists.opensuse.org
XSA-347 - Xen Security Advisories	CONFIRM	xenbits.xen.org
Debian -- Security Information -- DSA-4804-1 xen	DEBIAN	www.debian.org
[SECURITY] Fedora 31 Update: xen-4.12.3-8.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.o
oss-security - Xen Security Advisory 347 v3 (CVE-2020-27670) - unsafe AMD IOMMU page table updates	MLIST	www.openwall.com

XSA-347 - Xen Security Advisories	MISC	xenbits.xen.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

378881 Citrix XenServer Security Updates (CTX284874)
500793 Alpine Linux Security Update for xen
501513 Alpine Linux Security Update for xen
504537 Alpine Linux Security Update for xen
750502 OpenSUSE Security Update for xen (openSUSE-SU-2020:2192-1)
750519 OpenSUSE Security Update for xen (openSUSE-SU-2020:2162-1)

© [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](#)