



CVE-2020-15563

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

Summary

CVE	CVE-2020-15563
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-07-07 13:15:00 UTC
Updated	2023-11-07 03:17:00 UTC
Description	An issue was discovered in Xen through 4.13.x, allowing x86 HVM guest OS users to cause a hypervisor crash. An inverted

Risk And Classification

Problem Types: CWE-119

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	Debian	Debian Linux	10.0	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All
Operating System	Xen	Xen	All	All	All	All

References

Reference	Source	Link
XSA-319 - Xen Security Advisories	MISC	xenbits.xen.o
Xen: Multiple vulnerabilities (GLSA 202007-02) — Gentoo security	GENTOO	security.gentoo.org
[SECURITY] Fedora 31 Update: xen-4.12.3-3.fc31 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 32 Update: xen-4.13.1-4.fc32 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[security-announce] openSUSE-SU-2020:0985-1: important: Security update	SUSE	lists.opensuse.org
[SECURITY] Fedora 32 Update: xen-4.13.1-4.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 31 Update: xen-4.12.3-3.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[security-announce] openSUSE-SU-2020:0965-1: important: Security update	SUSE	lists.opensuse.org

Debian -- Security Information -- DSA-4723-1 xen	DEBIAN	www.debian.org
oss-security - Xen Security Advisory 319 v3 (CVE-2020-15563) - inverted code paths in x86 dirty VRAM tracking	MLIST	www.openwall.com
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

[198943](#) Ubuntu Security Notification for Xen Vulnerabilities (USN-5617-1)

[378880](#) Citrix XenServer Security Updates (CTX277456)

[500790](#) Alpine Linux Security Update for xen

[501510](#) Alpine Linux Security Update for xen

[504534](#) Alpine Linux Security Update for xen

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