



# CVE-2020-25596

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2020-25596
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-09-23 22:15:00 UTC
<b>Updated</b>	2023-11-07 03:20:00 UTC
<b>Description</b>	An issue was discovered in Xen through 4.14.x. x86 PV guest kernels can experience denial of service via SYSENTER. Th

## Risk And Classification

### Problem Types: CWE-74

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	31	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	32	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	33	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	32	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	33	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.2	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.2	All	All	All
Operating System	<a href="#">Xen</a>	<a href="#">Xen</a>	All	All	All	All

## References

Reference	Source	Link	Tags
[SECURITY] Fedora 32 Update: xen-4.13.1-6.fc32 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
Xen: Multiple vulnerabilities (GLSA 202011-06) — Gentoo security	GENTOO	<a href="https://security.gentoo.org">security.gentoo.org</a>	
[SECURITY] Fedora 33 Update: xen-4.14.0-5.fc33 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
[SECURITY] Fedora 31 Update: xen-4.12.3-5.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	

[SECURITY] Fedora 31 Update: xen-4.12.3-5.fc31 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
[SECURITY] Fedora 32 Update: xen-4.13.1-6.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	Third P
[security-announce] openSUSE-SU-2020:1608-1: important: Security update	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>	Third P
Debian -- Security Information -- DSA-4769-1 xen	DEBIAN	<a href="http://www.debian.org">www.debian.org</a>	Third P
[SECURITY] Fedora 33 Update: xen-4.14.0-5.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	Third P
XSA-339 - Xen Security Advisories	MISC	<a href="http://xenbits.xen.org">xenbits.xen.org</a>	Patch, V
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonic
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonic

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

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

[500792](#) Alpine Linux Security Update for xen

[501512](#) Alpine Linux Security Update for xen

[504536](#) Alpine Linux Security Update for xen

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