



CVE-2020-27674

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

Summary

CVE	CVE-2020-27674
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 PV guest OS users to gain guest OS privileges by modifying k

Risk And Classification

Problem Types: CWE-787

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	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Xen	Xen	All	All	All	All

References

Reference	Source
[SECURITY] Fedora 32 Update: xen-4.13.2-1.fc32 - package-announce - Fedora Mailing-Lists	FEDORA
Xen: Multiple vulnerabilities (GLSA 202011-06) — Gentoo security	GENTOO
[SECURITY] Fedora 31 Update: xen-4.12.3-8.fc31 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 33 Update: xen-4.14.0-9.fc33 - package-announce - Fedora Mailing-Lists	FEDORA
Debian -- Security Information -- DSA-4804-1 xen	DEBIAN
[SECURITY] Fedora 31 Update: xen-4.12.3-8.fc31 - package-announce - Fedora Mailing-Lists	FEDORA
[SECURITY] Fedora 33 Update: xen-4.14.0-9.fc33 - package-announce - Fedora Mailing-Lists	
oss-security - Xen Security Advisory 286 v6 (CVE-2020-27674) - x86 PV guest INVLPG-like flushes may leave stale TLB entries	MLIST
[SECURITY] Fedora 32 Update: xen-4.13.2-1.fc32 - package-announce - Fedora Mailing-Lists	

XSA-286 - Xen Security Advisories	MISC
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

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)

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