



CVE-2019-18421

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

Summary

CVE	CVE-2019-18421
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-10-31 14:15:00 UTC
Updated	2023-11-07 03:06:00 UTC
Description	An issue was discovered in Xen through 4.12.x allowing x86 PV guest OS users to gain host OS privileges by leveraging ra

Risk And Classification

Problem Types: CWE-362

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	9.0	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Xen	Xen	All	All	All	All

References

Reference	Source	Link
Debian -- Security Information -- DSA-4602-1 xen	DEBIAN	www.deb
Xen: Multiple vulnerabilities (GLSA 202003-56) — Gentoo security	GENTOO	security.g
[SECURITY] Fedora 30 Update: xen-4.11.2-3.fc30 - package-announce - Fedora Mailing-Lists		lists.fedor
[SECURITY] Fedora 29 Update: xen-4.11.2-2.fc29 - package-announce - Fedora Mailing-Lists		lists.fedor
[SECURITY] Fedora 29 Update: xen-4.11.2-2.fc29 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedor
XSA-299 - Xen Security Advisories	MISC	xenbits.xe
Bugtraq: [SECURITY] [DSA 4602-1] xen security update	BUGTRAQ	seclists.o

[security-announce] openSUSE-SU-2019:2506-1: important: Security update	SUSE	lists.open
oss-security - Xen Security Advisory 299 v4 (CVE-2019-18421) - Issues with restartable PV type change operations	MLIST	www.ope
[SECURITY] Fedora 31 Update: xen-4.12.1-6.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedor
[SECURITY] Fedora 31 Update: xen-4.12.1-6.fc31 - package-announce - Fedora Mailing-Lists		lists.fedor
[SECURITY] Fedora 30 Update: xen-4.11.2-3.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedor
CVE Program record	CVE.ORG	www.cve.
NVD vulnerability detail	NVD	nvd.nist.g

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[500754](#) Alpine Linux Security Update for xen

[504531](#) Alpine Linux Security Update for xen

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