



CVE-2019-18425

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

Summary

| | |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| CVE | CVE-2019-18425 |
| 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 32-bit PV guest OS users to gain guest OS privileges by installing : |

Risk And Classification

Problem Types: CWE-269

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 | L |
|----------------------------------------------------------------------------------------------------------------------------|---------|----|
| Debian -- Security Information -- DSA-4602-1 xen | DEBIAN | v |
| Xen: Multiple vulnerabilities (GLSA 202003-56) — Gentoo security | GENTOO | s |
| [SECURITY] Fedora 30 Update: xen-4.11.2-3.fc30 - package-announce - Fedora Mailing-Lists | | li |
| [SECURITY] Fedora 29 Update: xen-4.11.2-2.fc29 - package-announce - Fedora Mailing-Lists | | li |
| oss-security - Xen Security Advisory 298 v3 (CVE-2019-18425) - missing descriptor table limit checking in x86 PV emulation | MLIST | v |
| [SECURITY] Fedora 29 Update: xen-4.11.2-2.fc29 - package-announce - Fedora Mailing-Lists | FEDORA | li |
| Bugtraq: [SECURITY] [DSA 4602-1] xen security update | BUGTRAQ | s |

| | | |
|------------------------------------------------------------------------------------------|---------|----|
| [security-announce] openSUSE-SU-2019:2506-1: important: Security update | SUSE | li |
| [SECURITY] Fedora 31 Update: xen-4.12.1-6.fc31 - package-announce - Fedora Mailing-Lists | FEDORA | li |
| XSA-298 - Xen Security Advisories | MISC | x |
| [SECURITY] Fedora 31 Update: xen-4.12.1-6.fc31 - package-announce - Fedora Mailing-Lists | | li |
| [SECURITY] Fedora 30 Update: xen-4.11.2-3.fc30 - package-announce - Fedora Mailing-Lists | FEDORA | li |
| CVE Program record | CVE.ORG | v |
| NVD vulnerability detail | NVD | r |

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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