



CVE-2022-42324

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

Summary

CVE	CVE-2022-42324
State	PUBLIC
Assigner	security@xen.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-11-01 13:15:00 UTC
Updated	2024-02-04 08:15:00 UTC
Description	Oxenstored 32->31 bit integer truncation issues Integers in Ocaml are 63 or 31 bits of signed precision. The Ocaml Xenbus

Risk And Classification

Problem Types: CWE-681

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	11.0	All	All	All
Operating System	Fedoraproject	Fedora	35	All	All	All
Operating System	Fedoraproject	Fedora	36	All	All	All
Operating System	Fedoraproject	Fedora	37	All	All	All
Operating System	Xen	Xen	All	All	All	All

References

Reference	Source	Link
oss-security - Xen Security Advisory 420 v2 (CVE-2022-42324) - Oxenstored 32->31 bit integer truncation issues	MLIST	www.openwa
[SECURITY] Fedora 37 Update: xen-4.16.2-4.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedorapr
Xen: Multiple Vulnerabilities (GLSA 202402-07) — Gentoo security		security.gent
[SECURITY] Fedora 37 Update: xen-4.16.2-4.fc37 - package-announce - Fedora Mailing-Lists		lists.fedorapr
Debian -- Security Information -- DSA-5272-1 xen	DEBIAN	www.debian.
[SECURITY] Fedora 36 Update: xen-4.16.2-3.fc36 - package-announce - Fedora Mailing-Lists		lists.fedorapr
XSA-420 - Xen Security Advisories	CONFIRM	xenbits.xen.c
[SECURITY] Fedora 36 Update: xen-4.16.2-3.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedorapr
xenbits.xenproject.org/xsa/advisory-420.txt	MISC	xenbits.xenp

[SECURITY] Fedora 35 Update: xen-4.15.3-7.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 35 Update: xen-4.15.3-7.fc35 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Discovery Credit
LEGACY: Array

Legacy QID Mappings

181193 Debian Security Update for xen (DSA 5272-1)
184572 Debian Security Update for xen (CVE-2022-42324)
283293 Fedora Security Update for xen (FEDORA-2022-07438e12df)
283319 Fedora Security Update for xen (FEDORA-2022-99af00f60e)
283430 Fedora Security Update for xen (FEDORA-2022-9f51d13fa3)
502600 Alpine Linux Security Update for xen
503143 Alpine Linux Security Update for xen
503695 Alpine Linux Security Update for xen
505964 Alpine Linux Security Update for xen
710858 Gentoo Linux Xen Multiple Vulnerabilities (GLSA 202402-07)

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