



# CVE-2022-42335

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2022-42335
<b>State</b>	PUBLIC
<b>Assigner</b>	security@xen.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-04-25 13:15:00 UTC
<b>Updated</b>	2024-02-04 08:15:00 UTC
<b>Description</b>	x86 shadow paging arbitrary pointer dereference In environments where host assisted address translation is necessary but

## Risk And Classification

**Problem Types:** CWE-476

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	38	All	All	All
Operating System	<a href="#">Xen</a>	<a href="#">Xen</a>	4.17.0	All	All	All

## References

Reference	Source	Link
Xen: Multiple Vulnerabilities (GLSA 202402-07) — Gentoo security		<a href="#">security.ger</a>
<a href="#">xenbits.xenproject.org/xsa/advisory-430.txt</a>	MISC	<a href="#">xenbits.xen</a>
[SECURITY] Fedora 38 Update: xen-4.17.0-9.fc38 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedorap</a>
XSA-430 - Xen Security Advisories	CONFIRM	<a href="#">xenbits.xen</a>
[SECURITY] Fedora 38 Update: xen-4.17.0-9.fc38 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedorap</a>
oss-security - Xen Security Advisory 430 v2 (CVE-2022-42335) - x86 shadow paging arbitrary pointer dereference	MLIST	<a href="#">www.openv</a>
CVE Program record	CVE.ORG	<a href="#">www.cve.or</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>

## Vendor Comments And Credit

Discovery Credit

**LEGACY:** Array

## Legacy QID Mappings

[182109](#) Debian Security Update for xen (CVE-2022-42335)

[284159](#) Fedora Security Update for xen (FEDORA-2023-d28433ead1)

[503145](#) Alpine Linux Security Update for xen

[505966](#) Alpine Linux Security Update for xen

[710858](#) Gentoo Linux Xen Multiple Vulnerabilities (GLSA 202402-07)

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