



# CVE-2022-42331

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

## Summary

<b>CVE</b>	CVE-2022-42331
<b>State</b>	PUBLIC
<b>Assigner</b>	security@xen.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-03-21 13:15:00 UTC
<b>Updated</b>	2024-02-04 08:15:00 UTC
<b>Description</b>	x86: speculative vulnerability in 32bit SYSCALL path Due to an oversight in the very original Spectre/Meltdown security wor

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	37	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	38	All	All	All
Operating System	<a href="#">Xen</a>	<a href="#">Xen</a>	All	All	All	All

## References

Reference	Source	Link
[SECURITY] Fedora 37 Update: xen-4.16.3-4.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fed</a>
[SECURITY] Fedora 38 Update: xen-4.17.0-8.fc38 - package-announce - Fedora Mailing-Lists	MISC	<a href="#">lists.fed</a>
oss-security - Xen Security Advisory 429 v3 (CVE-2022-42331) - x86: speculative vulnerability in 32bit SYSCALL path	MLIST	<a href="#">www.op</a>
Xen: Multiple Vulnerabilities (GLSA 202402-07) — Gentoo security		<a href="#">security</a>
[SECURITY] Fedora 38 Update: xen-4.17.0-8.fc38 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fed</a>
<a href="#">xenbits.xenproject.org/xsa/advisory-429.txt</a>	MISC	<a href="#">xenbits.</a>
XSA-429 - Xen Security Advisories	CONFIRM	<a href="#">xenbits.</a>
[SECURITY] Fedora 37 Update: xen-4.16.3-4.fc37 - package-announce - Fedora Mailing-Lists	MISC	<a href="#">lists.fed</a>
Debian -- Security Information -- DSA-5378-1 xen	DEBIAN	<a href="#">www.de</a>
CVE Program record	CVE.ORG	<a href="#">www.cv</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nist</a>

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

- 181654 Debian Security Update for xen (DSA 5378-1)
- 183525 Debian Security Update for xen (CVE-2022-42331)
- 283819 Fedora Security Update for xen (FEDORA-2023-da8315e641)
- 283862 Fedora Security Update for xen (FEDORA-2023-04b5338dd0)
- 284230 Fedora Security Update for xen (FEDORA-2023-703f133eb3)
- 502992 Alpine Linux Security Update for xen
- 503145 Alpine Linux Security Update for xen
- 505966 Alpine Linux Security Update for xen
- 710858 Gentoo Linux Xen Multiple Vulnerabilities (GLSA 202402-07)
- 753820 SUSE Enterprise Linux Security Update for xen (SUSE-SU-2023:0845-1)
- 753822 SUSE Enterprise Linux Security Update for xen (SUSE-SU-2023:0858-1)
- 753825 SUSE Enterprise Linux Security Update for xen (SUSE-SU-2023:0847-1)
- 753827 SUSE Enterprise Linux Security Update for xen (SUSE-SU-2023:0862-1)
- 753833 SUSE Enterprise Linux Security Update for xen (SUSE-SU-2023:0859-1)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status [status.cve.report](#)**