CVE-2022-42321

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Summary

CVE	CVE-2022-42321
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	Xenstore: Guests can crash xenstored via exhausting the stack Xenstored is using recursion for some Xenstore operations

Risk And Classification

Problem Types: CWE-674

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

References

Reference	Source
[SECURITY] Fedora 37 Update: xen-4.16.2-4.fc37 - package-announce - Fedora Mailing-Lists	FEDORA
oss-security - Xen Security Advisory 418 v2 (CVE-2022-42321) - Xenstore: Guests can crash xenstored via exhausting the stack	MLIST
XSA-418 - Xen Security Advisories	CONFIRM
xenbits.xenproject.org/xsa/advisory-418.txt	MISC
Xen: Multiple Vulnerabilities (GLSA 202402-07) — Gentoo security	
[SECURITY] Fedora 37 Update: xen-4.16.2-4.fc37 - package-announce - Fedora Mailing-Lists	
Debian -- Security Information -- DSA-5272-1 xen	DEBIAN
[SECURITY] Fedora 36 Update: xen-4.16.2-3.fc36 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 36 Update: xen-4.16.2-3.fc36 - package-announce - Fedora Mailing-Lists	FEDORA

[SECURITY] Fedora 35 Update: xen-4.15.3-7.fc35 - package-announce - Fedora Mailing-Lists	FEDORA
[SECURITY] Fedora 35 Update: xen-4.15.3-7.fc35 - package-announce - Fedora Mailing-Lists	
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

Vendor Comments And Credit

Discovery Credit

LEGACY: Array

Legacy QID Mappings

- 181193 Debian Security Update for xen (DSA 5272-1)
- 183439 Debian Security Update for xen (CVE-2022-42321)
- 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)
- 390275 Oracle Managed Virtualization (VM) Server for x86 Security Update for xen (OVMSA-2023-0005)
- 502600 Alpine Linux Security Update for xen
- 502619 Alpine Linux Security Update for xen
- 503143 Alpine Linux Security Update for xen
- 503695 Alpine Linux Security Update for xen
- 504549 Alpine Linux Security Update for xen
- 505964 Alpine Linux Security Update for xen
- 710858 Gentoo Linux Xen Multiple Vulnerabilities (GLSA 202402-07)
- 752778 SUSE Enterprise Linux Security Update for xen (SUSE-SU-2022:3925-1)
- 752781 SUSE Enterprise Linux Security Update for xen (SUSE-SU-2022:3928-1)
- 752792 SUSE Enterprise Linux Security Update for xen (SUSE-SU-2022:3947-1)
- 752796 SUSE Enterprise Linux Security Update for xen (SUSE-SU-2022:3971-1)
- 752807 SUSE Enterprise Linux Security Update for xen (SUSE-SU-2022:4007-1)
- 752887 SUSE Enterprise Linux Security Update for xen (SUSE-SU-2022:4241-1)
- 752979 SUSE Enterprise Linux Security Update for xen (SUSE-SU-2022:4332-1)