



CVE-2022-25236

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

Summary

CVE	CVE-2022-25236
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-02-16 01:15:00 UTC
Updated	2023-11-07 03:44:00 UTC
Description	xmldata.c in Expat (aka libexpat) before 2.4.5 allows attackers to insert namespace-separator characters into namespace

Risk And Classification

Problem Types: CWE-668

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	11.0	All	All	All
Application	Libexpat Project	Libexpat	All	All	All	All
Application	Oracle	Http Server	12.2.1.3.0	All	All	All
Application	Oracle	Http Server	12.2.1.4.0	All	All	All
Application	Oracle	Zfs Storage Appliance Kit	8.8	All	All	All
Application	Siemens	Sinema Remote Connect Server	All	All	All	All

References

Reference

- [CVE-2022-25236] lib: Protect against insertion of namesep characters into namespace URIs by hartwork · Pull Request #561 · libexpat/libexpat
- Zoom XMPP Stanza Smuggling Remote Code Execution ≈ Packet Storm
- Oracle Critical Patch Update Advisory - April 2022
- February 2022 Expat Vulnerabilities in NetApp Products | NetApp Product Security
- [SECURITY] Fedora 35 Update: mingw-expat-2.4.6-1.fc35 - package-announce - Fedora Mailing-Lists
- [SECURITY] [DLA 2935-1] expat security update
- [SECURITY] Fedora 35 Update: mingw-expat-2.4.6-1.fc35 - package-announce - Fedora Mailing-Lists

oss-security - Expat 2.4.5 released, includes 5 security fixes

[SECURITY] Fedora 34 Update: mingw-expat-2.4.6-1.fc34 - package-announce - Fedora Mailing-Lists

Expat: Multiple Vulnerabilities (GLSA 202209-24) — Gentoo security

Debian -- Security Information -- DSA-5085-1 expat

cert-portal.siemens.com/productcert/pdf/ssa-484086.pdf

[SECURITY] Fedora 34 Update: mingw-expat-2.4.6-1.fc34 - package-announce - Fedora Mailing-Lists

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[159696](#) Oracle Enterprise Linux Security Update for firefox (ELSA-2022-0824)

[159697](#) Oracle Enterprise Linux Security Update for firefox (ELSA-2022-0818)

[159705](#) Oracle Enterprise Linux Security Update for thunderbird (ELSA-2022-0845)

[159706](#) Oracle Enterprise Linux Security Update for thunderbird (ELSA-2022-0850)

[159712](#) Oracle Enterprise Linux Security Update for expat (ELSA-2022-0951)

[159733](#) Oracle Enterprise Linux Security Update for expat (ELSA-2022-1069)

[159782](#) Oracle Enterprise Linux Security Update for expat (ELSA-2022-9359)

[179091](#) Debian Security Update for expat (DSA 5085-1)

[179107](#) Debian Security Update for expat (DLA 2935-1)

[179143](#) Debian Security Update for expat (DSA 5085-2)

[198671](#) Ubuntu Security Notification for Expat Vulnerabilities (USN-5288-1)

[20259](#) IBM DB2 Multiple Vulnerabilities (6597637)

[240124](#) Red Hat Update for firefox (RHSA-2022:0817)

[240132](#) Red Hat Update for firefox (RHSA-2022:0824)

[240133](#) Red Hat Update for firefox (RHSA-2022:0818)

[240136](#) Red Hat Update for firefox (RHSA-2022:0816)

[240141](#) Red Hat Update for thunderbird (RHSA-2022:0853)

[240142](#) Red Hat Update for thunderbird (RHSA-2022:0845)

[240143](#) Red Hat Update for thunderbird (RHSA-2022:0843)

240145 Red Hat Update for thunderbird (RHSA-2022:0850)
240155 Red Hat Update for expat (RHSA-2022:0951)
240166 Red Hat Update for expat (RHSA-2022:1012)
240186 Red Hat Update for expat (RHSA-2022:1069)
240187 Red Hat Update for expat (RHSA-2022:1070)
240433 Red Hat Update for thunderbird (RHSA-2022:0847)
240436 Red Hat Update for expat (RHSA-2022:1068)
240794 Red Hat Update for JBoss Core Services (RHSA-2022:7143)
257160 CentOS Security Update for expat (CESA-2022:1069)
257161 CentOS Security Update for firefox (CESA-2022:0824)
257164 CentOS Security Update for thunderbird (CESA-2022:0850)
282449 Fedora Security Update for mingw (FEDORA-2022-3d9d67f558)
282450 Fedora Security Update for mingw (FEDORA-2022-04f206996b)
296057 Oracle Solaris 11.4 Support Repository Update (SRU) 44.113.4 Missing (bulletinapr2022)
330124 IBM AIX Multiple Vulnerabilities in Python (python_advisory)
353198 Amazon Linux Security Advisory for expat : ALAS-2022-1573
353200 Amazon Linux Security Advisory for expat : ALAS2-2022-1764
353262 Amazon Linux Security Advisory for thunderbird : ALAS2-2022-1779
354434 Amazon Linux Security Advisory for expat : ALAS2022-2022-232
354490 Amazon Linux Security Advisory for expat : ALAS2022-2022-036
354570 Amazon Linux Security Advisory for expat : ALAS-2022-232
354627 Amazon Linux Security Advisory for expat : AL2012-2022-359
355281 Amazon Linux Security Advisory for expat : ALAS2023-2023-058
376583 F5 BIG-IP Application Security Manager (ASM), Local Traffic Manager (LTM), Access Policy Manager (APM) Expat Vulnerability (K19473898)
377041 Alibaba Cloud Linux Security Update for expat (ALINUX2-SA-2022:0017)
377097 Alibaba Cloud Linux Security Update for expat (ALINUX3-SA-2022:0021)
377786 Alibaba Cloud Linux Security Update for mingw-expat (ALINUX3-SA-2022:0183)
377911 Oracle Hypertext Transfer Protocol Server (HTTP Server) Multiple Vulnerabilities (CPUJAN2023)

38862 NetApp Data Open Network Technology for Appliance Products (ONTAP) Denial of Service (DoS) Vulnerability (NTAP-20210303-0002)
390283 Oracle Managed Virtualization (VM) Server for x86 Security Update for expat (OVMSA-2023-0009)
44025 Juniper Network Operating System (Junos OS) Multiple Vulnerabilities (JSA70605)
500179 Alpine Linux Security Update for expat
501402 Alpine Linux Security Update for expat
501740 Alpine Linux Security Update for expat
503916 Alpine Linux Security Update for expat
591406 Siemens SIMATIC S7-1500 CPU GNU/Linux subsystem Multiple Vulnerabilities (SSB-439005, ICSA-22-104-13)
6140373 AWS Bottlerocket Security Update for libexpat (GHSA-v95x-cqc2-wxq4)
671565 EulerOS Security Update for expat (EulerOS-SA-2022-1529)
671588 EulerOS Security Update for expat (EulerOS-SA-2022-1562)
671715 EulerOS Security Update for expat (EulerOS-SA-2022-1716)
671757 EulerOS Security Update for expat (EulerOS-SA-2022-1786)
671760 EulerOS Security Update for expat (EulerOS-SA-2022-1803)
671787 EulerOS Security Update for expat (EulerOS-SA-2022-1861)
671796 EulerOS Security Update for expat (EulerOS-SA-2022-1837)
710626 Gentoo Linux Expat Multiple Vulnerabilities (GLSA 202209-24)
751782 SUSE Enterprise Linux Security Update for expat (SUSE-SU-2022:0698-1)
751795 SUSE Enterprise Linux Security Update for expat (SUSE-SU-2022:0713-1)
751810 OpenSUSE Security Update for expat (openSUSE-SU-2022:0713-1)
751883 SUSE Enterprise Linux Security Update for expat (SUSE-SU-2022:0842-1)
751884 SUSE Enterprise Linux Security Update for expat (SUSE-SU-2022:0844-1)
751892 OpenSUSE Security Update for expat (openSUSE-SU-2022:0844-1)
752302 SUSE Enterprise Linux Security Update for expat (SUSE-SU-2022:2294-1)
753324 SUSE Enterprise Linux Security Update for expat (SUSE-SU-2022:14903-1)
753407 SUSE Enterprise Linux Security Update for expat (SUSE-SU-2022:14934-1)
755917 SUSE Enterprise Linux Security Update for python311 (SUSE-SU-2024:0782-1)
755919 SUSE Enterprise Linux Security Update for python39 (SUSE-SU-2024:0784-1)

87487 IBM Hypertext Transfer Protocol Server (HTTP Server) Multiple Vulnerabilities (6560814)
900666 Common Base Linux Mariner (CBL-Mariner) Security Update for expat (8602)
900969 Common Base Linux Mariner (CBL-Mariner) Security Update for expat (8604-1)
904859 Common Base Linux Mariner (CBL-Mariner) Security Update for cmake (12309)
905124 Common Base Linux Mariner (CBL-Mariner) Security Update for cmake (12475)
940460 AlmaLinux Security Update for firefox (ALSA-2022:0818)
940465 AlmaLinux Security Update for thunderbird (ALSA-2022:0845)
940473 AlmaLinux Security Update for expat (ALSA-2022:0951)
940738 AlmaLinux Security Update for mingw-expat (ALSA-2022:7811)
960832 Rocky Linux Security Update for thunderbird (RLSA-2022:0845)
960834 Rocky Linux Security Update for firefox (RLSA-2022:0818)
960848 Rocky Linux Security Update for expat (RLSA-2022:0951)

© [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](#)