



CVE-2022-22827

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

Summary

CVE	CVE-2022-22827
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-01-10 14:12:00 UTC
Updated	2022-10-06 12:52:00 UTC
Description	storeAtts in xmlparse.c in Expat (aka libexpat) before 2.4.3 has an integer overflow.

Risk And Classification

Problem Types: CWE-190

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	Siemens	Sinema Remote Connect Server	All	All	All	All
Application	Tenable	Nessus	All	All	All	All

References

Reference	Source	Link
[R1] Nessus Versions 8.15.3 and 10.1.1 Fix Multiple Third-Party Vulnerabilities - Security Advisory Tenable®	CONFIRM	www.tenable.com
[W.I.P.] lib: Prevent more integer overflows by hartwork · Pull Request #539 · libexpat/libexpat · GitHub	MISC	github.com
Debian -- Security Information -- DSA-5073-1 expat	DEBIAN	www.debian.org
oss-security - Expat 2.4.3 released, includes 8 security fixes	MLIST	www.openwall.com
Expat: Multiple Vulnerabilities (GLSA 202209-24) — Gentoo security	GENTOO	security.gentoo.org
cert-portal.siemens.com/productcert/pdf/ssa-484086.pdf	CONFIRM	cert-portal.siemens.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

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

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

[160232](#) Oracle Enterprise Linux Security Update for xmlrpc-c (ELSA-2022-7692)

[179044](#) Debian Security Update for expat (DLA 2904-1)

[179068](#) Debian Security Update for expat (DSA 5073-1)

[183796](#) Debian Security Update for expat (CVE-2022-22827)

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

[240155](#) Red Hat Update for expat (RHSA-2022:0951)

[240186](#) Red Hat Update for expat (RHSA-2022:1069)

[240794](#) Red Hat Update for JBoss Core Services (RHSA-2022:7143)

[240835](#) Red Hat Update for xmlrpc-c (RHSA-2022:7692)

[257160](#) CentOS Security Update for expat (CESA-2022:1069)

[296057](#) Oracle Solaris 11.4 Support Repository Update (SRU) 44.113.4 Missing (bulletinapr2022)

[330124](#) IBM AIX Multiple Vulnerabilities in Python (python_advisory)

[353975](#) Amazon Linux Security Advisory for expat : ALAS-2022-1603

[353986](#) Amazon Linux Security Advisory for expat : ALAS2-2022-1809

[354360](#) Amazon Linux Security Advisory for expat : ALAS2022-2022-017

[354434](#) Amazon Linux Security Advisory for expat : ALAS2022-2022-232

[354570](#) Amazon Linux Security Advisory for expat : ALAS-2022-232

[355281](#) Amazon Linux Security Advisory for expat : ALAS2023-2023-058

[376579](#) F5 BIG-IP Application Security Manager (ASM), Local Traffic Manager (LTM), Access Policy Manager (APM) Expat Vulnerability (K91589041)

[376713](#) Tenable Nessus Multiple Third-Party Vulnerabilities (TNS-2022-05)

[377041](#) Alibaba Cloud Linux Security Update for expat (ALINUX2-SA-2022:0017)

[377097](#) Alibaba Cloud Linux Security Update for expat (ALINUX3-SA-2022:0021)

[44025](#) Juniper Network Operating System (Junos OS) Multiple Vulnerabilities (JSA70605)

[500177](#) Alpine Linux Security Update for expat

501400 Alpine Linux Security Update for expat
501738 Alpine Linux Security Update for expat
503914 Alpine Linux Security Update for expat
591406 Siemens SIMATIC S7-1500 CPU GNU/Linux subsystem Multiple Vulnerabilities (SSB-439005, ICSA-22-104-13)
6140037 AWS Bottlerocket Security Update for libexpat (GHSA-4mxh-3398-74qf)
671428 EulerOS Security Update for expat (EulerOS-SA-2022-1342)
671447 EulerOS Security Update for expat (EulerOS-SA-2022-1425)
671459 EulerOS Security Update for expat (EulerOS-SA-2022-1446)
671508 EulerOS Security Update for expat (EulerOS-SA-2022-1502)
671512 EulerOS Security Update for expat (EulerOS-SA-2022-1483)
671657 EulerOS Security Update for xulrunner (EulerOS-SA-2022-1774)
671715 EulerOS Security Update for expat (EulerOS-SA-2022-1716)
710626 Gentoo Linux Expat Multiple Vulnerabilities (GLSA 202209-24)
751651 SUSE Enterprise Linux Security Update for expat (SUSE-SU-2022:0178-1)
751653 SUSE Enterprise Linux Security Update for expat (SUSE-SU-2022:0179-1)
751662 OpenSUSE Security Update for expat (openSUSE-SU-2022:0178-1)
753347 SUSE Enterprise Linux Security Update for expat (SUSE-SU-2022:14878-1)
87486 IBM Hypertext Transfer Protocol Server (HTTP Server) Multiple Vulnerabilities (6559296)
900515 Common Base Linux Mariner (CBL-Mariner) Security Update for expat (7134)
901266 Common Base Linux Mariner (CBL-Mariner) Security Update for expat (7161-1)
940473 AlmaLinux Security Update for expat (ALSA-2022:0951)
940736 AlmaLinux Security Update for xmlrpc-c (ALSA-2022:7692)
960622 Rocky Linux Security Update for xmlrpc-c (RLSA-2022:7692)
960848 Rocky Linux Security Update for expat (RLSA-2022:0951)

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