



# CVE-2021-3517

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

## Summary

<b>CVE</b>	CVE-2021-3517
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-05-19 14:15:00 UTC
<b>Updated</b>	2023-11-07 03:38:00 UTC
<b>Description</b>	There is a flaw in the xml entity encoding functionality of libxml2 in versions before 2.9.11. An attacker who is able to supply

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update
Operating System	Debian	Debian Linux	9.0	All
Operating System	Fedoraproject	Fedora	33	All
Operating System	Fedoraproject	Fedora	34	All
Application	Netapp	Active Iq Unified Manager	-	All
Application	Netapp	Active Iq Unified Manager	-	All
Application	Netapp	Clustered Data Ontap	-	All
Application	Netapp	Clustered Data Ontap Antivirus Connector	-	All
Application	Netapp	E-series Santricity Os Controller	All	All
Application	Netapp	E-series Santricity Storage Manager	-	All
Application	Netapp	E-series Santricity Web Services	-	All
Hardware	Netapp	Hci H410c	-	All
Operating System	Netapp	Hci H410c Firmware	-	All
Application	Netapp	Hci Management Node	-	All
Application	Netapp	Manageability Software Development Kit	-	All
Application	Netapp	Oncommand Insight	-	All
Application	Netapp	Oncommand Workflow Automation	-	All
Application	Netapp	Ontap Select Deploy Administration Utility	-	All

Application	Netapp	Santricity Unified Manager	-	All
Application	Netapp	Snapdrive	-	All
Application	Netapp	Snapmanager	-	All
Application	Netapp	Snapmanager	-	All
Application	Netapp	Solidfire	-	All
Application	Oracle	Communications Cloud Native Core Network Function Cloud Native Environment	1.10.0	All
Application	Oracle	Enterprise Manager Base Platform	13.4.0.0	All
Application	Oracle	Enterprise Manager Base Platform	13.5.0.0	All
Application	Oracle	Mysql Workbench	All	All
Application	Oracle	Openjdk	8	update30
Application	Oracle	Peoplesoft Enterprise Peopletools	8.58	All
Application	Oracle	Real User Experience Insight	13.4.1.0	All
Application	Oracle	Real User Experience Insight	13.5.1.0	All
Application	Oracle	Zfs Storage Appliance Kit	8.8	All
Operating System	Redhat	Enterprise Linux	8.0	All
Application	Redhat	Jboss Core Services	-	All
Application	Xmlsoft	Libxml2	All	All

## References

### Reference

[bookkeeper-issues] 20210628 [GitHub] [bookkeeper] padma81 opened a new issue #2746: Security Vulnerabilities in CentOS 7 image, Upgrade

Oracle Critical Patch Update Advisory - April 2022

Pony Mail!

[SECURITY] Fedora 34 Update: libxml2-2.9.10-12.fc34 - package-announce - Fedora Mailing-Lists

Oracle Critical Patch Update Advisory - October 2021

Oracle Critical Patch Update Advisory - January 2022

libxml2: Multiple vulnerabilities (GLSA 202107-05) — Gentoo security

[SECURITY] Fedora 34 Update: libxml2-2.9.10-12.fc34 - package-announce - Fedora Mailing-Lists

1954232 – (CVE-2021-3517) CVE-2021-3517 libxml2: heap-based buffer overflow in xmlEncodeEntitiesInternal() in entities.c

[SECURITY] [DLA 2653-1] libxml2 security update

Pony Mail!

[bookkeeper-issues] 20210629 [GitHub] [bookkeeper] padma81 opened a new issue #2746: Security Vulnerabilities in CentOS 7 image, Upgrade

[SECURITY] Fedora 33 Update: libxml2-2.9.12-4.fc33 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 33 Update: libxml2-2.9.12-4.fc33 - package-announce - Fedora Mailing-Lists

May 2021 Libxml2 Vulnerabilities in NetApp Products | NetApp Product Security

Oracle Critical Patch Update Advisory - July 2022

October 2021 Java Platform Standard Edition Vulnerabilities in NetApp Products | NetApp Product Security

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[159285](#) Oracle Enterprise Linux Security Update for libxml2 (ELSA-2021-2569)

[174990](#) SUSE Enterprise Linux Security Update for libxml2 (SUSE-SU-2021:1523-1)

[174991](#) SUSE Enterprise Linux Security Update for libxml2 (SUSE-SU-2021:1524-1)

[178586](#) Debian Security Update for libxml2 (DLA 2653-1)

[179969](#) Debian Security Update for libxml2 (CVE-2021-3517)

[198409](#) Ubuntu Security Notification for libxml2 vulnerabilities (USN-4991-1)

[239468](#) Red Hat Update for libxml2 (RHSA-2021:2569)

[240235](#) Red Hat Update for JBoss Core Services (RHSA-2022:1389)

[281180](#) Fedora Security Update for libxml2 (FEDORA-2021-e3ed1ba38b)

[281707](#) Fedora Security Update for libxml2 (FEDORA-2021-b950000d2b)

[282302](#) Fedora Security Update for qt5 (FEDORA-2022-ecdf338eb1)

[282329](#) Fedora Security Update for qt5 (FEDORA-2022-e39987b17d)

[296065](#) Oracle Solaris 11.4 Support Repository Update (SRU) 39.107.1 Missing (CPUOCT2021)

[352392](#) Amazon Linux Security Advisory for libxml2: ALAS2-2021-1662

[352872](#) Amazon Linux Security Advisory for java-11-amazon-corretto : ALAS2-2021-1718

[354638](#) Amazon Linux Security Advisory for libxml2 : AL2012-2022-370

[354929](#) Amazon Linux Security Advisory for libxml2 : ALAS-2023-1743

[375964](#) Oracle Java SE Critical Patch Update - October 2021 (CPUOCT2021)

[376087](#) Azul Java Multiple Vulnerabilities Security Update October 2021

[376204](#) Mysql Workbench Critical Patch Update Oct 2021

[376952](#) NetApp Clustered Data Open Network Technology for Appliance Products (ONTAP) Disclosure of Sensitive Information Vulnerability (NTAP-20210625-0002,NTAP-20210716-0005)

[377408](#) Alibaba Cloud Linux Security Update for libxml2 (ALINIX3-SA-2021-0047)

377400 Alibaba Cloud Linux Security Update for libxml2 (ALINUX-SA-2021-0047)

378004 Splunk Enterprise Multiple Vulnerabilities (SVD-2023-0215,SVD-2023-0211,SVD-2023-0208)

500342 Alpine Linux Security Update for libxml2

501423 Alpine Linux Security Update for libxml2

501748 Alpine Linux Security Update for libxml2

501915 Alpine Linux Security Update for qt5-qtwebengine

501968 Alpine Linux Security Update for libxml2

502486 Alpine Linux Security Update for libxml2

504106 Alpine Linux Security Update for libxml2

591018 Hitachi Energy RTU500 series Multiple Vulnerabilities (ICSA-21-336-08)

591406 Siemens SIMATIC S7-1500 CPU GNU/Linux subsystem Multiple Vulnerabilities (SSB-439005, ICSA-22-104-13)

670491 EulerOS Security Update for libxml2 (EulerOS-SA-2021-2249)

670517 EulerOS Security Update for libxml2 (EulerOS-SA-2021-2275)

670548 EulerOS Security Update for libxml2 (EulerOS-SA-2021-2306)

670581 EulerOS Security Update for libxml2 (EulerOS-SA-2021-2339)

670648 EulerOS Security Update for libxml2 (EulerOS-SA-2021-2406)

670851 EulerOS Security Update for libxml2 (EulerOS-SA-2021-2406)

670996 EulerOS Security Update for libxml2 (EulerOS-SA-2021-2595)

710071 Gentoo Linux libxml2 Multiple vulnerabilities (GLSA 202107-05)

750025 SUSE Enterprise Linux Security Update for libxml2 (SUSE-SU-2021:1654-1)

750027 SUSE Enterprise Linux Security Update for libxml2 (SUSE-SU-2021:1658-1)

750201 OpenSUSE Security Update for libxml2 (openSUSE-SU-2021:0764-1)

750222 OpenSUSE Security Update for libxml2 (openSUSE-SU-2021:0692-1)

900044 CBL-Mariner Linux Security Update for libxml2 2.9.10

902840 Common Base Linux Mariner (CBL-Mariner) Security Update for libxml2 (4235)

940375 AlmaLinux Security Update for libxml2 (ALSA-2021:2569)

960016 Rocky Linux Security Update for libxml2 (RLSA-2021:2569)

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