



Red Hat Product Errata    RHSA-2025:10698 - Security Advisory

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Issued: 2025-07-09    Updated: 2025-07-09

[Overview](#)[Updated Packages](#)

## Synopsis

Important: libxml2 security update

## Type/Severity

Security Advisory: Important

### Red Hat Lightspeed patch analysis

Identify and remediate systems affected by this advisory.

[View affected systems](#) 

## Topic

An update for libxml2 is now available for Red Hat Enterprise Linux 8.

Red Hat Product Security has rated this update as having a security impact of Important. A Common Vulnerability Scoring System (CVSS) base score, which gives a detailed severity rating, is available for each vulnerability from the CVE link(s) in the References section.

## Description

The libxml2 library is a development toolbox providing the implementation of various XML standards.

Security Fix(es):

- libxml: Heap use after free (UAF) leads to Denial of service (DoS) (CVE-2025-49794)
- libxml: Type confusion leads to Denial of service (DoS) (CVE-2025-49796)
- libxml2: Integer Overflow in xmlBuildQName() Leads to Stack Buffer Overflow in libxml2 (CVE-2025-6021)

For more details about the security issue(s), including the impact, a CVSS score, acknowledgments, and other related information, refer to the CVE page(s) listed in the References section.

## Solution

For details on how to apply this update, which includes the changes described in this advisory, refer to:

<https://access.redhat.com/articles/11258>

## Affected Products



- Red Hat Enterprise Linux for x86\_64 8 x86\_64
- Red Hat Enterprise Linux for IBM z Systems 8 s390x
- Red Hat Enterprise Linux for Power, little endian 8 ppc64le
- Red Hat Enterprise Linux for ARM 64 8 aarch64
- Red Hat Enterprise Linux for x86\_64 - Extended Life Cycle 8.10 x86\_64
- Red Hat Enterprise Linux for ARM 64 - Extended Life Cycle 8.10 aarch64
- Red Hat Enterprise Linux for Power, little endian - Extended Life Cycle 8.10 ppc64le
- Red Hat Enterprise Linux for IBM z Systems - Extended Life Cycle 8.10 s390x

## Fixes

- [BZ - 2372373](#) - CVE-2025-49794 libxml: Heap use after free (UAF) leads to Denial of service (DoS)
- [BZ - 2372385](#) - CVE-2025-49796 libxml: Type confusion leads to Denial of service (DoS)
- [BZ - 2372406](#) - CVE-2025-6021 libxml2: Integer Overflow in xmlBuildQName() Leads to Stack Buffer Overflow in libxml2
- [RHEL-74345](#) - "oscap xccdf eval" fails with exit code 1 after printing "No bytes exported: xmlCode: -<randomvalue?>."

## CVEs



- [CVE-2025-6021](#)

- [CVE-2025-49794](#) 
- [CVE-2025-49796](#) 


## References

- <https://access.redhat.com/security/updates/classification/#important> 


The Red Hat security contact is [secalert@redhat.com](mailto:secalert@redhat.com). More contact details at <https://access.redhat.com/security/team/contact/>.




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