



Red Hat Product Errata    RHSA-2025:4448 - Security Advisory

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Issued: 2025-05-05    Updated: 2025-05-05

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## Synopsis

Moderate: xmlrpc-c security update

## Type/Severity

Security Advisory: Moderate

### Red Hat Lightspeed patch analysis

Identify and remediate systems affected by this advisory.

[View affected systems](#) 

## Topic

An update for xmlrpc-c is now available for Red Hat Enterprise Linux 8.4 Advanced Mission Critical Update Support, Red Hat Enterprise Linux 8.4 Telecommunications Update Service, and Red Hat Enterprise Linux 8.4 Update Services for SAP Solutions.

Red Hat Product Security has rated this update as having a security impact of Moderate. 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

XML-RPC is a remote procedure call (RPC) protocol that uses XML to encode its calls and HTTP as a transport mechanism. The xmlrpc-c packages provide a network protocol to allow a client program to make a simple RPC (remote procedure call) over the Internet. It converts an RPC into an XML document, sends it to a remote server using HTTP, and gets back the response in XML.

Security Fix(es):

- libexpat: expat: Improper Restriction of XML Entity Expansion Depth in libexpat (CVE-2024-8176)

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 - Extended Update Support Extension 8.4 x86\_64
- Red Hat Enterprise Linux Server - AUS 8.4 x86\_64
- Red Hat Enterprise Linux Server - TUS 8.4 x86\_64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 8.4 ppc64le
- Red Hat Enterprise Linux for x86\_64 - Update Services for SAP Solutions 8.4 x86\_64

## Fixes

- [BZ - 2310137](#)  - CVE-2024-8176 libexpat: expat: Improper Restriction of XML Entity Expansion Depth in libexpat

## CVEs

- [CVE-2024-8176](#) 

## References

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

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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