



Red Hat Product Errata RHSA-2025:4446 - Security Advisory

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

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

Synopsis

Moderate: xmlrpc-c security update

Type/Severity

Security Advisory: Moderate

Red Hat Lightspeed patch analysis

Identify and remediate systems affected by this advisory.

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Topic

An update for xmlrpc-c is now available for Red Hat Enterprise Linux 8.8 Extended Update Support.

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 8.8 x86_64
- Red Hat Enterprise Linux for x86_64 - Extended Update Support Extension 8.8 x86_64
- Red Hat Enterprise Linux for IBM z Systems - Extended Update Support 8.8 s390x
- Red Hat Enterprise Linux for Power, little endian - Extended Update Support 8.8 ppc64le
- Red Hat Enterprise Linux Server - TUS 8.8 x86_64
- Red Hat Enterprise Linux for ARM 64 - Extended Update Support 8.8 aarch64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 8.8 ppc64le
- Red Hat Enterprise Linux for x86_64 - Update Services for SAP Solutions 8.8 x86_64
- Red Hat CodeReady Linux Builder for x86_64 - Extended Update Support 8.8 x86_64
- Red Hat CodeReady Linux Builder for Power, little endian - Extended Update Support 8.8 ppc64le
- Red Hat CodeReady Linux Builder for IBM z Systems - Extended Update Support 8.8 s390x
- Red Hat CodeReady Linux Builder for ARM 64 - Extended Update Support 8.8 aarch64


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. More contact details at <https://access.redhat.com/security/team/contact/>.




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