



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

RHSA-2025:4446 - Security Advisory

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.

[View affected systems](#)

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 Extension 8.8 x86_64
- Red Hat Enterprise Linux for x86_64 - Extended Update Support 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/>.



The image shows a dark-themed navigation bar for the Red Hat website. On the left is the Red Hat logo, consisting of a red fedora hat icon and the text "Red Hat". To the right of the logo are four social media icons: LinkedIn, YouTube, Facebook, and X. Below the logo and icons is a vertical list of navigation items, each with a downward-pointing chevron icon to its right: "Quick Links", "Help", "Site Info", and "Related Sites".

✔ All systems operational



The image shows a dark-themed footer navigation menu. On the left is a small, light-colored fedora hat icon. To the right of the icon is a vertical list of navigation items: "About Red Hat", "Jobs", "Events", and "Locations".

[Contact Red Hat](#)

[Red Hat Blog](#)

[Inclusion at Red Hat](#)

[Cool Stuff Store](#)

[Red Hat Summit](#)

© 2026 Red Hat

[Privacy statement](#)

[Terms of use](#)

[All policies and guidelines](#)

[Digital accessibility](#)

[Cookie Preferences and Opt-Out Rights](#)