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RHSA Advis

5-07-29

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Importa

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Required Cookies only will set your cookie preferences to "Required Cookies" only. This will prevent our partners from collecting and using this data but may also prevent us from providing you a personalized web experience and more relevant ads on third party websites. Cookie preferences will provide further information and allow you to customize your cookie settings. Setting your cookie preferences to "Required Cookies only" will opt you out of "sales" and "targeted advertising".

Topic

Clearing your browser cookies may delete your cookie preferences. If you re-visit this site after clearing browser cookies, you will need to reset your preferences at that time. If you have set your browser's global privacy

An update for libxml2 is now available for Red Hat Enterprise Linux 8.6 Advanced Mission Critical Update Support, Red Hat Enterprise Linux 8.6 Update Services for SAP Solutions, and Red Hat Enterprise Linux 8.6 Telecommunications Update Service.

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):

- libxml2: Out-of-Bounds Read in libxml2 (CVE-2025-32414)
- 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 - Extended Update Support Extension 8.6 x86_64
- Red Hat Enterprise Linux Server - AUS 8.6 x86_64
- Red Hat Enterprise Linux Server - TUS 8.6 x86_64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 8.6 ppc64le
- Red Hat Enterprise Linux for x86_64 - Update Services for SAP Solutions 8.6 x86_64

Fixes

- [BZ - 2358121](#)  - CVE-2025-32414 libxml2: Out-of-Bounds Read in libxml2
- [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

CVEs

- [CVE-2025-6021](#)
- [CVE-2025-32414](#)
- [CVE-2025-49794](#)
- [CVE-2025-49796](#)


References

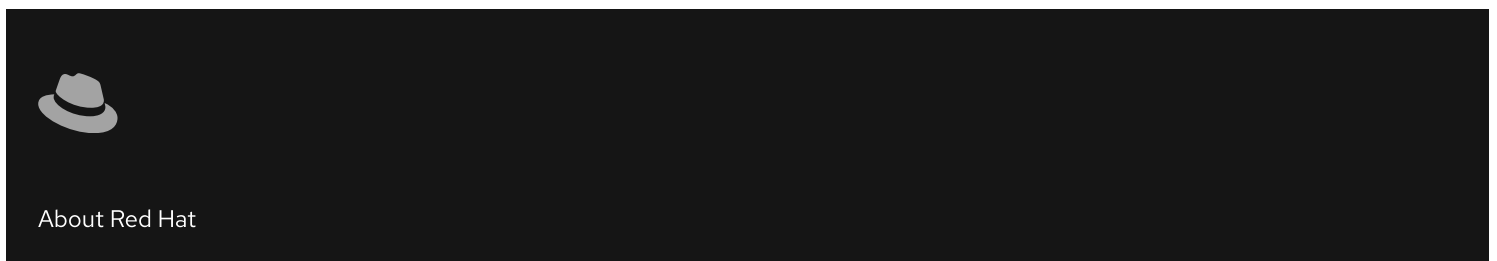
- <https://access.redhat.com/security/updates/classification/#important>

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 menu for Red Hat. At the top left is the Red Hat logo (a red hat) and the text "Red Hat". To the right are social media icons for LinkedIn, YouTube, Facebook, and X. Below these are four menu items, each with a downward-pointing chevron icon on the right: "Quick Links", "Help", "Site Info", and "Related Sites".

 Partial system outage



The image shows a dark-themed footer section. On the left is a small, light-colored hat icon. To its right is the text "About Red Hat".

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