



Red Hat Product Errata RHSA-2025:22035 - Security Advisory

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Issued: 2025-11-25 Updated: 2025-11-25

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

Synopsis

Important: expat security update

Type/Severity

Security Advisory: Important

Red Hat Lightspeed patch analysis

Identify and remediate systems affected by this advisory.

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Topic

An update for expat is now available for Red Hat Enterprise Linux 9.0 Update Services for SAP Solutions.

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

Expat is a C library for parsing XML documents.

Security Fix(es):

- expat: internal entity expansion (CVE-2013-0340)
- expat: parsing large tokens can trigger a denial of service (CVE-2023-52425)
- libexpat: expat: Improper Restriction of XML Entity Expansion Depth in libexpat (CVE-2024-8176)
- expat: libexpat in Expat allows attackers to trigger large dynamic memory allocations via a small document that is submitted for parsing (CVE-2025-59375)

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 Server for Power LE - Update Services for SAP Solutions 9.0 ppc64le
- Red Hat Enterprise Linux for x86_64 - Update Services for SAP Solutions 9.0 x86_64
- Red Hat Enterprise Linux for ARM 64 - 4 years of updates 9.0 aarch64
- Red Hat Enterprise Linux for IBM z Systems - 4 years of updates 9.0 s390x

Fixes


- [BZ - 1000109](#)  - CVE-2013-0340 expat: internal entity expansion
- [BZ - 2262877](#)  - CVE-2023-52425 expat: parsing large tokens can trigger a denial of service
- [BZ - 2310137](#)  - CVE-2024-8176 libexpat: expat: Improper Restriction of XML Entity Expansion Depth in libexpat
- [BZ - 2395108](#)  - CVE-2025-59375 expat: libexpat in Expat allows attackers to trigger large dynamic memory allocations via a small document that is submitted for parsing

CVEs


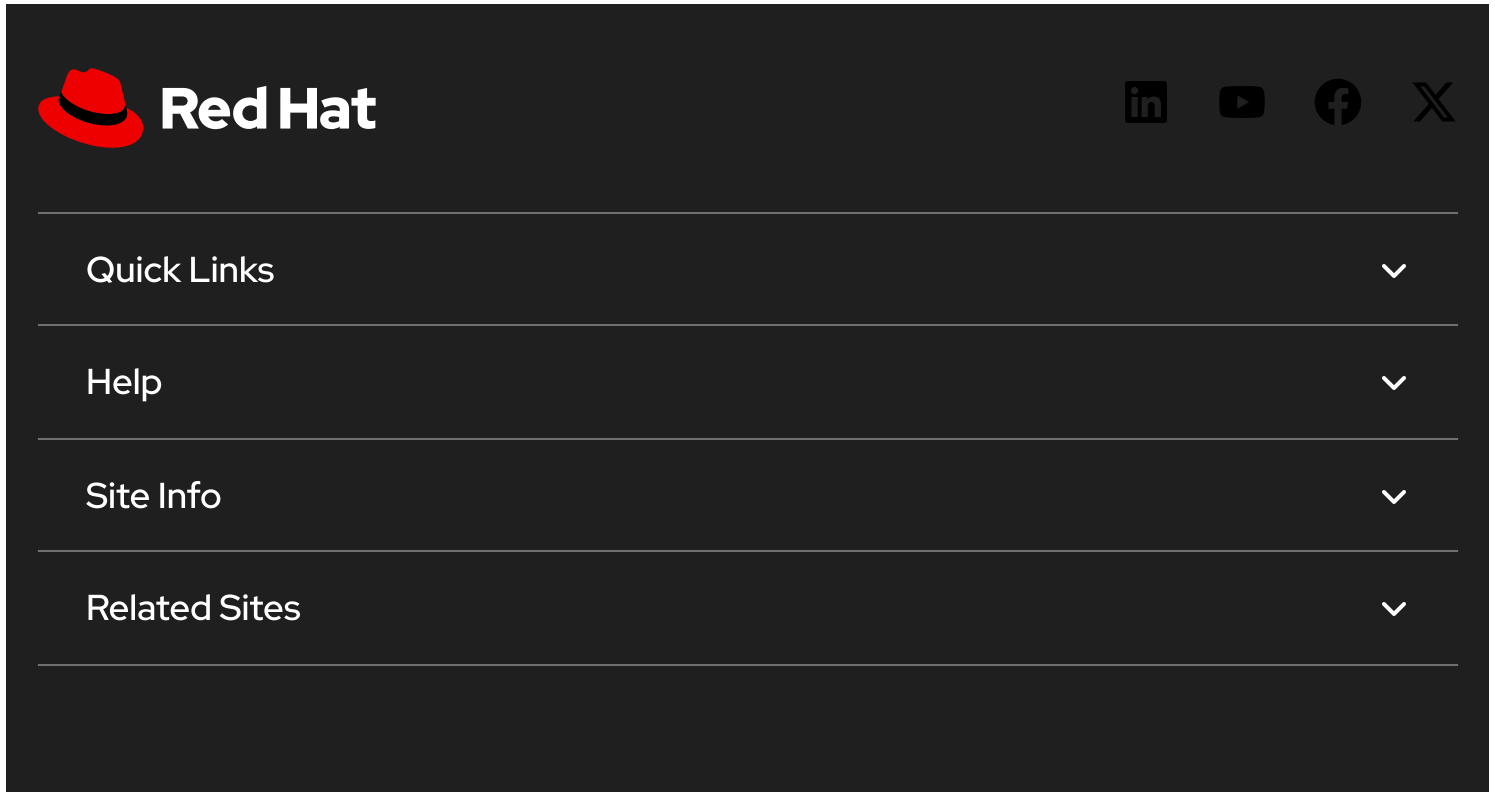
- [CVE-2013-0340](#) 
- [CVE-2023-52425](#) 
- [CVE-2024-8176](#) 


- [CVE-2025-59375](#) 


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/>.




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