



Red Hat Product Errata RHSA-2025:23483 - Security Advisory

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Issued: 2025-12-17 Updated: 2025-12-17

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Synopsis

Moderate: libssh 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 libssh is now available for Red Hat Enterprise Linux 9.

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

libssh is a library which implements the SSH protocol. It can be used to implement client and server applications.

Security Fix(es):

- libssh: Invalid return code for chacha20 poly1305 with OpenSSL backend (CVE-2025-5987)

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 9 x86_64
- Red Hat Enterprise Linux for IBM z Systems 9 s390x
- Red Hat Enterprise Linux for Power, little endian 9 ppc64le
- Red Hat Enterprise Linux for ARM 64 9 aarch64


Fixes

- BZ - 2376219  - CVE-2025-5987 libssh: Invalid return code for chacha20 poly1305 with OpenSSL backend
- RHEL-135506  - Upstream testsuite fails because of OpenSSH enabling PerSourcePenalties

CVEs

- CVE-2025-5987 

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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