

[Red Hat Product Errata](#) [RHSA-2026:0428 - Security Advisory](#)

RHSA-2026:0428 - Security Advisory

Issued: 2026-01-12

Updated: 2026-01-12

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

Synopsis

Moderate: libssh 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 libssh is now available for Red Hat Enterprise Linux 9.6 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

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 - Extended Update Support 9.6 x86_64
- Red Hat Enterprise Linux Server - AUS 9.6 x86_64
- Red Hat Enterprise Linux for IBM z Systems - Extended Update Support 9.6 s390x
- Red Hat Enterprise Linux for Power, little endian - Extended Update Support 9.6 ppc64le
- Red Hat Enterprise Linux for ARM 64 - Extended Update Support 9.6 aarch64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 9.6 ppc64le
- Red Hat Enterprise Linux for x86_64 - Update Services for SAP Solutions 9.6 x86_64
- Red Hat Enterprise Linux for ARM 64 - 4 years of updates 9.6 aarch64
- Red Hat Enterprise Linux for IBM z Systems - 4 years of updates 9.6 s390x

Fixes

- BZ - 2376219  - CVE-2025-5987 libssh: Invalid return code for chacha20 poly1305 with OpenSSL backend

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/>.



Quick Links 

Help 

Site Info 

Related Sites 

 All systems operational



[About Red Hat](#)

[Jobs](#)

[Events](#)

[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](#)