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# RHSA-2025:21977 - Security Advisory

Issued: 2025-11-24

Updated: 2025-11-24

[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 8.

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: Incorrect Return Code Handling in ssh\_kdf() in libssh (CVE-2025-5372)

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 8 x86\_64
- Red Hat Enterprise Linux for IBM z Systems 8 s390x
- Red Hat Enterprise Linux for Power, little endian 8 ppc64le
- Red Hat Enterprise Linux for ARM 64 8 aarch64
- Red Hat Enterprise Linux for x86\_64 - Extended Life Cycle 8.10 x86\_64
- Red Hat Enterprise Linux for ARM 64 - Extended Life Cycle 8.10 aarch64
- Red Hat Enterprise Linux for Power, little endian - Extended Life Cycle 8.10 ppc64le
- Red Hat Enterprise Linux for IBM z Systems - Extended Life Cycle 8.10 s390x

## Fixes

- [BZ - 2369388](#) - CVE-2025-5372 libssh: Incorrect Return Code Handling in ssh\_kdf() in libssh

## CVEs

- [CVE-2025-5372](#)

## References

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

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The Red Hat security contact is [secalert@redhat.com](mailto:secalert@redhat.com). More contact details at <https://access.redhat.com/security/team/contact/>.



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