



Red Hat Product Errata RHSA-2026:5585 - Security Advisory

RHSA-2026:5585 - Security Advisory

Issued: 2026-03-24 Updated: 2026-03-24

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

Synopsis

Moderate: gnutls 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 gnutls 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

The gnutls packages provide the GNU Transport Layer Security (GnuTLS) library, which implements cryptographic algorithms and protocols such as SSL, TLS, and DTLS.

Security Fix(es):

- gnutls: Stack-based Buffer Overflow in gnutls_pkcs11_token_init() Function (CVE-2025-9820)
- gnutls: GnuTLS: Denial of Service via excessive resource consumption during certificate verification (CVE-2025-14831)

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 - 2392528](#)  - CVE-2025-9820 gnutls: Stack-based Buffer Overflow in gnutls_pkcs11_token_init() Function
- [BZ - 2423177](#)  - CVE-2025-14831 gnutls: GnuTLS: Denial of Service via excessive resource consumption during certificate verification


CVEs

- [CVE-2025-9820](#) 
- [CVE-2025-14831](#) 


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/>.



The navigation menu features the Red Hat logo on the left and social media icons for LinkedIn, YouTube, Facebook, and X on the right. Below these are four expandable menu items: Quick Links, Help, Site Info, and Related Sites, each with a downward-pointing chevron icon.

 Partial system outage



The footer menu includes a small hat icon and a list of links: About Red Hat, Jobs, Events, Locations, Contact Red Hat, Red Hat Blog, Inclusion at Red Hat, and 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](#)