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## RHSA Advis

5-10-06

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## Synop

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## Topic

An update for gnutls is now available for Red Hat Enterprise Linux 9.2 Update Services for SAP Solutions.

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: GnuTLS Impacted by Inefficient DER Decoding in libtasn1 Leading to Remote DoS (CVE-2024-12243)
- gnutls: Vulnerability in GnuTLS certtool template parsing (CVE-2025-32990)
- gnutls: Vulnerability in GnuTLS SCT extension parsing (CVE-2025-32989)
- gnutls: Vulnerability in GnuTLS otherName SAN export (CVE-2025-32988)
- gnutls: NULL pointer dereference in \_gnutls\_figure\_common\_ciphersuite() (CVE-2025-6395)

Bug Fix(es) and Enhancement(s):

- gnutls: Vulnerability in GnuTLS certtool template parsing (BZ#2359620)
- gnutls: Vulnerability in GnuTLS SCT extension parsing (BZ#2359621)
- gnutls: Vulnerability in GnuTLS otherName SAN export (BZ#2359622)
- gnutls: NULL pointer dereference in \_gnutls\_figure\_common\_ciphersuite() (BZ#2376755)

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 - AUS 9.2 x86\_64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 9.2 ppc64le
- Red Hat Enterprise Linux for x86\_64 - Update Services for SAP Solutions 9.2 x86\_64
- Red Hat Enterprise Linux for ARM 64 - 4 years of updates 9.2 aarch64
- Red Hat Enterprise Linux for IBM z Systems - 4 years of updates 9.2 s390x
- Red Hat Enterprise Linux for x86\_64 - Extended Life Cycle 9.2 x86\_64
- Red Hat Enterprise Linux for ARM 64 - Extended Life Cycle 9.2 aarch64
- Red Hat Enterprise Linux for Power, little endian - Extended Life Cycle 9.2 ppc64le
- Red Hat Enterprise Linux for IBM z Systems - Extended Life Cycle 9.2 s390x

## Fixes

- [BZ - 2344615](#) - CVE-2024-12243 gnutls: GnuTLS Impacted by Inefficient DER Decoding in libtasn1 Leading to Remote DoS
- [BZ - 2359620](#) - CVE-2025-32990 gnutls: Vulnerability in GnuTLS certtool template parsing
- [BZ - 2359621](#) - CVE-2025-32989 gnutls: Vulnerability in GnuTLS SCT extension parsing
- [BZ - 2359622](#) - CVE-2025-32988 gnutls: Vulnerability in GnuTLS otherName SAN export
- [BZ - 2376755](#) - CVE-2025-6395 gnutls: NULL pointer dereference in `_gnutls_figure_common_ciphersuite()`

## CVEs

- [CVE-2024-12243](#)
- [CVE-2025-6395](#)
- [CVE-2025-32988](#)
- [CVE-2025-32989](#)
- [CVE-2025-32990](#)

## 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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