红帽产品

RHSA

5-09-17

概述

更新的软件

概述

Moderat

类型/严重性

Security Advisory: Moderate

Red Hat Lightspeed patch analysis

识别并修复受此公告影响的系统。

查看受影响的系统

标题

An update for gnutls 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.

描述

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: 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.

解决方案

For details on how to apply this update, which includes the changes described in this advisory, refer to:

https://access.redhat.com/articles/11258

受影响的产品

- Red Hat Enterprise Linux for x86_64 9 x86_64
- 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 9 s390x
- Red Hat Enterprise Linux for IBM z Systems - Extended Update Support 9.6 s390x
- Red Hat Enterprise Linux for Power, little endian 9 ppc64le
- Red Hat Enterprise Linux for Power, little endian - Extended Update Support 9.6 ppc64le
- Red Hat Enterprise Linux for ARM 64 9 aarch64
- 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
- Red Hat Enterprise Linux for x86_64 - Extended Life Cycle 9.6 x86_64
- Red Hat Enterprise Linux for ARM 64 - Extended Life Cycle 9.6 aarch64
- Red Hat Enterprise Linux for Power, little endian - Extended Life Cycle 9.6 ppc64le
- Red Hat Enterprise Linux for IBM z Systems - Extended Life Cycle 9.6 s390x

修复

- 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()

CVE

- CVE-2025-6395
- CVE-2025-32988
- CVE-2025-32989
- CVE-2025-32990

参考

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

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Red Hat 安全团队联络方式为 secalert@redhat.com。 更多联络细节请参考 https://access.redhat.com/security/team/contact/。

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