RHSA-2025:2600 - Security Advisory

Issued: 2025-03-11 Updated: 2025-03-11

Synopsis

Moderate: rsync 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 rsync 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 rsync utility enables the users to copy and synchronize files locally or across a network. Synchronization with rsync is fast because rsync only sends the differences in files over the network instead of sending whole files. The rsync utility is also used as a mirroring tool.

Security Fix(es):

- rsync: Path traversal vulnerability in rsync (CVE-2024-12087)
- rsync: --safe-links option bypass leads to path traversal (CVE-2024-12088)
- rsync: Race Condition in rsync Handling Symbolic Links (CVE-2024-12747)

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 - 2330672 - CVE-2024-12087 rsync: Path traversal vulnerability in rsync
- BZ - 2330676 - CVE-2024-12088 rsync: --safe-links option bypass leads to path traversal
- BZ - 2332968 - CVE-2024-12747 rsync: Race Condition in rsync Handling Symbolic Links

CVEs

- CVE-2024-12087
- CVE-2024-12088
- CVE-2024-12747

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/.

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