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## RHSA-2025:7050 - Security Advisory

Issued: 2025-05-13    Updated: 2025-05-13

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

### 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 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.

### 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.

## Additional Changes:

For detailed information on changes in this release, see the Red Hat Enterprise Linux 9 Release Notes linked from 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 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

## 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
- [RHEL-18216](#)  - rsync script /usr/share/doc/rsync/support/rrsync is unsecure
- [RHEL-67142](#)  - Wrong progress reported by rsync when using copy-devices

- [RHEL-70265](#) - Rebase rsync to 3.2.5

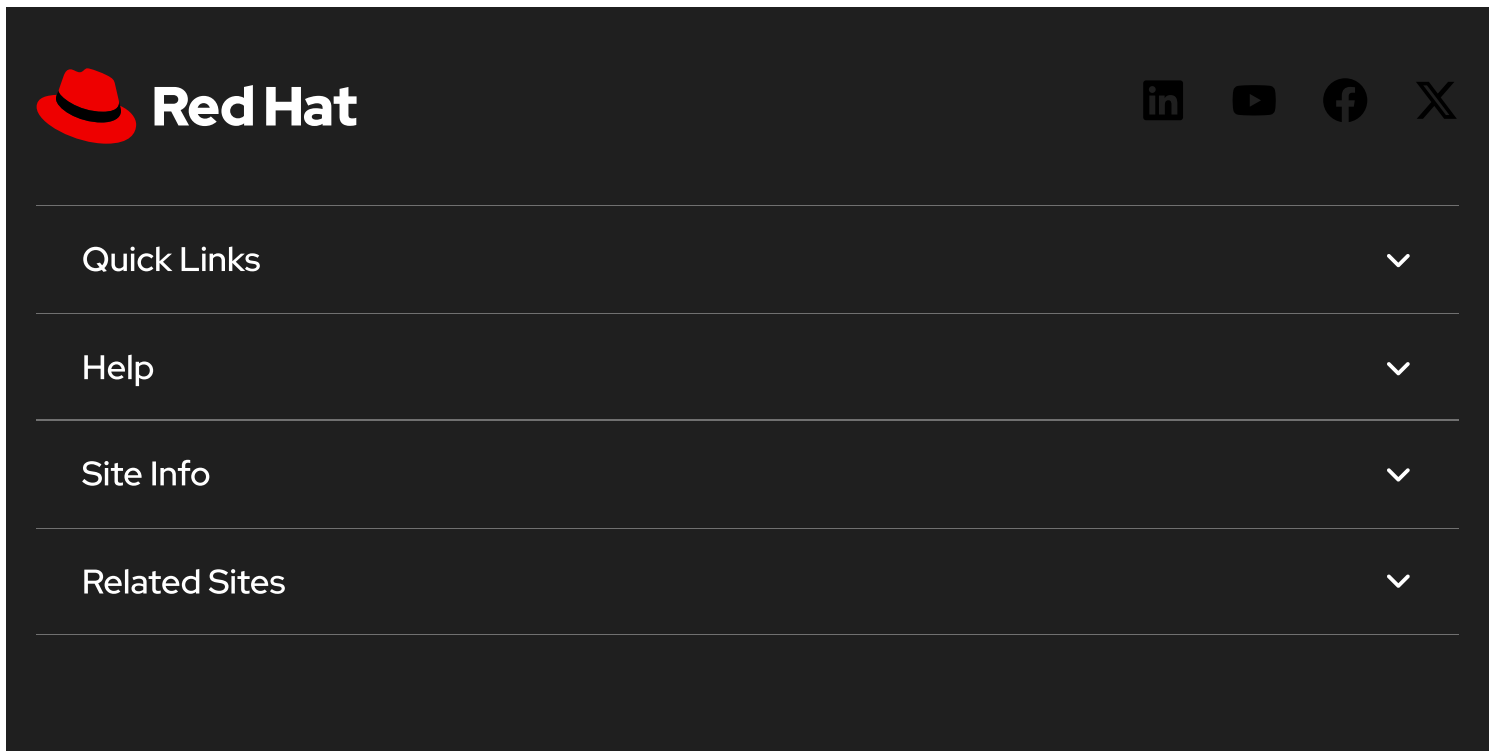
## CVEs

- [CVE-2024-12087](#)
- [CVE-2024-12088](#)
- [CVE-2024-12747](#)


## References

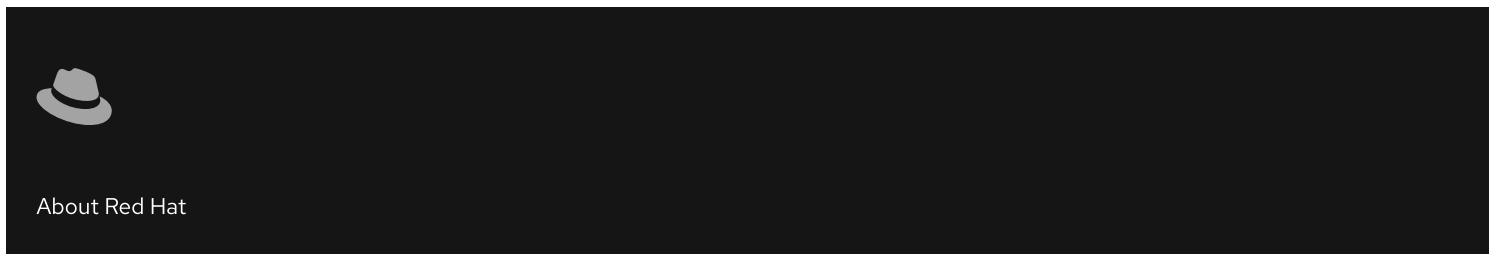
- <https://access.redhat.com/security/updates/classification/#moderate>
- [https://docs.redhat.com/en/documentation/red\\_hat\\_enterprise\\_linux/9/html/9.6\\_release\\_notes/index](https://docs.redhat.com/en/documentation/red_hat_enterprise_linux/9/html/9.6_release_notes/index)

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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 Partial system outage



The image shows the "About Red Hat" section, which includes a small icon of a grey fedora hat and the text "About Red Hat".

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