



# Bug 2332968 (CVE-2024-12747) - CVE-2024-12747 rsync: Race Condition in rsync Handling Symbolic Links

**Keywords:** Security ✕

**Reported:** 2024-12-18 07:26 UTC by OSIDB Bzimport

**Status:** NEW

**Modified:** 2025-05-19 06:56 UTC ([History](#))

**Alias:** CVE-2024-12747

**CC List:** 1 user ([show](#))

**Deadline:** 2025-01-14

**Fixed In Version:**

**Product:** Security Response

**Clone Of:**

**Component:** vulnerability ☰ +

**Environment:**

**Last Closed:**

**Embargoed:**

**Version:** unspecified

**Hardware:** All

**OS:** Linux

**Priority:** medium

**Severity:** medium

**Target Milestone:** ---

**Assignee:** Product Security DevOps Team

**QA Contact:**

**Docs Contact:**

**URL:**

**Whiteboard:**

**Depends On:** [2337986](#) [2337987](#) [2337988](#)  
[2337989](#) [2337990](#) [2337991](#)

**Blocks:**


**TreeView+** [depends on](#) / [blocked](#)

## Attachments [\(Terms of Use\)](#)

### Links

System	ID	Private	Priority	Status	Summary	Last Updated
Red Hat Product Errata	<a href="#">RHBA-2025:2691</a>	0	None	None	None	2025-03-12 15:58:04 UTC
Red Hat Product Errata	<a href="#">RHBA-2025:2694</a>	0	None	None	None	2025-03-12 16:02:53 UTC
Red Hat	<a href="#">RHBA-2025:2797</a>	0	None	None	None	2025-03-13

Product Errata						15:13:48 UTC
Red Hat Product Errata	<a href="#">RHBA-2025:2807</a>	0	None	None	None	2025-03-13 16:38:26 UTC
Red Hat Product Errata	<a href="#">RHBA-2025:2921</a>	0	None	None	None	2025-03-17 14:43:01 UTC
Red Hat Product Errata	<a href="#">RHBA-2025:3083</a>	0	None	None	None	2025-03-20 14:33:43 UTC
Red Hat Product Errata	<a href="#">RHBA-2025:7930</a>	0	None	None	None	2025-05-19 06:56:11 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2600</a>	0	None	None	None	2025-03-11 00:17:21 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:7050</a>	0	None	None	None	2025-05-13 09:47:08 UTC

OSIDB Bzimport  2024-12-18 07:26:29 UTC[Description](#)

This vulnerability stems from a race condition in rsync's handling of symbolic links. By exploiting timing differences, an attacker can bypass the expected behavior of skipping symbolic links during file synchronization. This flaw becomes critical in scenarios where rsync runs with elevated privileges, as it can inadvertently expose sensitive files to unprivileged users, potentially leading to privilege escalation.

errata-xmlrpc 2025-03-11 00:17:20 UTC

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This issue has been addressed in the following products:

Red Hat Enterprise Linux 8

Via [RHSA-2025:2600](#) <https://access.redhat.com/errata/RHSA-2025:2600>

errata-xmlrpc 2025-05-13 09:47:07 UTC

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This issue has been addressed in the following products:

Red Hat Enterprise Linux 9

Via RHSA-2025:7050 <https://access.redhat.com/errata/RHSA-2025:7050>

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