



# Bug 2408784 (CVE-2025-12543) - CVE-2025-12543 undertow-core: Undertow HTTP Server Fails to Reject Malformed Host Headers Leading to Potential Cache Poisoning and SSRF

**Keywords:** Security ✕

**Reported:** 2025-10-31 06:53 UTC by OSIDB Bzimport

**Status:** NEW

**Modified:** 2026-03-18 13:55 UTC ([History](#))

**Alias:** CVE-2025-12543

**CC List:** 45 users ([show](#))

**Deadline:** 2026-01-09

**Fixed In Version:**

**Product:** Security Response

**Clone Of:**

**Component:** vulnerability ☰ +

**Environment:**

**Last Closed:**

**Embargoed:**

**Version:** unspecified

**Hardware:** All

**OS:** Linux

**Priority:** high

**Severity:** high

**Target Milestone:** ---

**Assignee:** Product Security DevOps Team

**QA Contact:**

**Docs Contact:**

**URL:**

**Whiteboard:**

**Depends On:** [2427892](#) [2427893](#) [2427894](#) [2427895](#)

**Blocks:**


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

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

### Links

System	ID	Private	Priority	Status	Summary	Last Updated
Red Hat Product Errata	<a href="#">RHSA-2026:0383</a>	0	None	None	None	2026-01-08 16:54:56 UTC
Red Hat Product Errata	<a href="#">RHSA-2026:0384</a>	0	None	None	None	2026-01-08 16:55:19 UTC

Red Hat Product Errata	<a href="#">RHSA-2026:0386</a>	0	None	None	None	2026-01-08 16:53:58 UTC
Red Hat Product Errata	<a href="#">RHSA-2026:3889</a>	0	None	None	None	2026-03-05 13:36:19 UTC
Red Hat Product Errata	<a href="#">RHSA-2026:3890</a>	0	None	None	None	2026-03-05 13:32:50 UTC
Red Hat Product Errata	<a href="#">RHSA-2026:3891</a>	0	None	None	None	2026-03-05 13:34:51 UTC
Red Hat Product Errata	<a href="#">RHSA-2026:3892</a>	0	None	None	None	2026-03-05 13:34:22 UTC
Red Hat Product Errata	<a href="#">RHSA-2026:4915</a>	0	None	None	None	2026-03-18 13:15:15 UTC
Red Hat Product Errata	<a href="#">RHSA-2026:4916</a>	0	None	None	None	2026-03-18 13:16:51 UTC
Red Hat Product Errata	<a href="#">RHSA-2026:4917</a>	0	None	None	None	2026-03-18 13:17:06 UTC
Red Hat Product Errata	<a href="#">RHSA-2026:4924</a>	0	None	None	None	2026-03-18 13:55:36 UTC

OSIDB Bzimport  2025-10-31 06:53:28 UTC[Description](#)

An Improper Input Validation vulnerability exists in the Undertow HTTP server (io.undertow:undertow-core) where the implementation does not return a 400 Bad Request response when receiving requests with invalid or malformed Host headers. The flaw can be exploited by remote attackers via specially crafted HTTP requests. Depending on the deployment, the issue enables web cache poisoning, session hijacking, or server-side request forgery (SSRF). Attackers may inject malicious responses into caches, steal authentication tokens, or redirect users to malicious endpoints. Successful exploitation can result in complete account takeover, widespread credential theft, or unauthorized access to internal network resources, thereby compromising confidentiality and integrity of user data.

errata-xmlrpc 2026-01-08 16:53:55 UTC

[Comment 1](#)

This issue has been addressed in the following products:

Red Hat JBoss Enterprise Application Platform 8.1

Via RHSA-2026:0386 <https://access.redhat.com/errata/RHSA-2026:0386>

errata-xmlrpc 2026-01-08 16:54:52 UTC

[Comment 2](#)

This issue has been addressed in the following products:

Red Hat JBoss Enterprise Application Platform 8.1 for RHEL 8

Via RHSA-2026:0383 <https://access.redhat.com/errata/RHSA-2026:0383>

errata-xmlrpc 2026-01-08 16:55:15 UTC

[Comment 3](#)

This issue has been addressed in the following products:

Red Hat JBoss Enterprise Application Platform 8.1 for RHEL 9

Via RHSA-2026:0384 <https://access.redhat.com/errata/RHSA-2026:0384>

errata-xmlrpc 2026-03-05 13:32:46 UTC

[Comment 5](#)

This issue has been addressed in the following products:

Red Hat build of Apache Camel 4.14.4 for Spring Boot 3.5.11

Via RHSA-2026:3890 <https://access.redhat.com/errata/RHSA-2026:3890>

errata-xmlrpc 2026-03-05 13:34:18 UTC

[Comment 6](#)

This issue has been addressed in the following products:

Red Hat JBoss Enterprise Application Platform 8.0

Via RHSA-2026:3892 <https://access.redhat.com/errata/RHSA-2026:3892>

[2026:3892](#)

errata-xmlrpc 2026-03-05 13:34:47 UTC

[Comment 7](#)

This issue has been addressed in the following products:

Red Hat JBoss Enterprise Application Platform 8.0 for RHEL 9

Via RHSA-2026:3891 <https://access.redhat.com/errata/RHSA-2026:3891>

errata-xmlrpc 2026-03-05 13:36:14 UTC

[Comment 8](#)

This issue has been addressed in the following products:

Red Hat JBoss Enterprise Application Platform 8.0 for RHEL 8

Via RHSA-2026:3889 <https://access.redhat.com/errata/RHSA-2026:3889>

errata-xmlrpc 2026-03-18 13:15:11 UTC

[Comment 9](#)

This issue has been addressed in the following products:

Red Hat JBoss Enterprise Application Platform 7.4 ELS on RHEL 7

Via RHSA-2026:4915 <https://access.redhat.com/errata/RHSA-2026:4915>

errata-xmlrpc 2026-03-18 13:16:47 UTC

[Comment 10](#)

This issue has been addressed in the following products:

Red Hat JBoss Enterprise Application Platform 7.4 ELS on RHEL 8

Via RHSA-2026:4916 <https://access.redhat.com/errata/RHSA-2026:4916>

errata-xmlrpc 2026-03-18 13:17:02 UTC

[Comment 11](#)

This issue has been addressed in the following products:

Red Hat JBoss Enterprise Application Platform 7.4 ELS on RHEL 9

Via RHSA-2026:4917 <https://access.redhat.com/errata/RHSA-2026:4917>

errata-xmlrpc 2026-03-18 13:55:32 UTC

[Comment 12](#)

This issue has been addressed in the following products:

Red Hat JBoss Enterprise Application Platform 7.4

Via RHSA-2026:4924 <https://access.redhat.com/errata/RHSA-2026:4924>

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