



## Bug 2331178 (CVE-2024-12369) - CVE-2024-12369 elytron-oidc-client: OIDC Authorization Code Injection

**Keywords:**

**Reported:** 2024-12-09 16:38 UTC by OSIDB Bzimport

**Status:** NEW

**Modified:** 2026-04-01 08:27 UTC ([History](#))

**Alias:** CVE-2024-12369

**CC List:** 31 users ([show](#))

**Product:** Security Response

**Fixed In Version:**

**Component:** vulnerability

**Clone Of:**

**Environment:**

**Version:** unspecified

**Last Closed:**

**Embargoed:**

**Hardware:** All

**OS:** Linux

**Priority:** medium

**Severity:** medium

**Target Milestone:** ---

**Assignee:** Product Security DevOps Team

**QA Contact:**

**Docs Contact:**

**URL:**

**Whiteboard:**

**Depends On:**


**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-2025:3989</a>	0	None	None	None	2025-04-17 14:31:25 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:3990</a>	0	None	None	None	2025-04-17 14:31:51 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:3992</a>	0	None	None	None	2025-04-17 14:38:09 UTC

OSIDB Bzimport  2024-12-09 16:38:34 UTC[Description](#)

When using the RH SSO OIDC adapter with EAP 7.x or when using the elytron-oidc-client subsystem with EAP 8.x, there is a potential for authorization code injection attacks. That means that an attacker can inject a stolen authorization code into the attacker's own session with the client. This allows the attacker to associate its session with the client with a victim's identity.

Requirements to exploit:

- \* The attacker needs to obtain an authorization code from an authorization response sent to the client.
- \* The attacker can then access the application and start the login process with the legitimate client.
- \* In the response of the OpenID provider to the legitimate client, the attacker can replace the newly sent authorization code with the previously stolen authorization code.
- \* The legitimate client will send that stolen authorization code and along with its credentials to the OpenID provider to exchange the code for a token.
- \* The OpenID provider's checks will succeed and a token will be issued to the client.
- \* The attacker has now associated their session with the legitimate client with the victim's identity.

errata-xmlrpc 2025-04-17 14:31:23 UTC

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This issue has been addressed in the following products:

Red Hat JBoss Enterprise Application Platform 8.0 for RHEL 8

Via RHSA-2025:3989 <https://access.redhat.com/errata/RHSA-2025:3989>

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This issue has been addressed in the following products:

Red Hat JBoss Enterprise Application Platform

Via RHSA-2025:3992 <https://access.redhat.com/errata/RHSA-2025:3992>

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