



Bug 2262918 (CVE-2024-1249) - CVE-2024-1249 keycloak: org.keycloak.protocol.oidc: unvalidated cross-origin messages in checkLoginIframe leads to DDoS

Keywords: Security

Reported: 2024-02-06 05:54 UTC by TEJ RATHI

Status: NEW

Modified: 2026-04-01 08:29 UTC (History)

Alias: CVE-2024-1249

CC List: 74 users (show)

Product: Security Response

Fixed In Version:

Component: vulnerability

Clone Of:

Version: unspecified

Environment:

Hardware: All

Last Closed:

OS: Linux

Embargoed:

Priority: high

Severity: high

Target Milestone: ---

Assignee: Product Security

QA Contact:

Docs Contact:

URL:

Whiteboard:

Depends On:

Blocks: 2262938

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

Attachments	(Terms of Use)

Links

System	ID	Private	Priority	Status	Summary	Last Updated
Red Hat Product Errata	RHSA-2024:1860	0	None	None	None	2024-04-16 19:52:27 UTC
Red Hat Product Errata	RHSA-2024:1861	0	None	None	None	2024-04-16 19:52:43 UTC
Red Hat Product Errata	RHSA-2024:1862	0	None	None	None	2024-04-16 19:52:57 UTC

Red Hat Product Errata	RHSA-2024:1864	0	None	None	None	2024-04-16 19:54:28 UTC
Red Hat Product Errata	RHSA-2024:1866	0	None	None	None	2024-04-16 20:04:41 UTC
Red Hat Product Errata	RHSA-2024:1867	0	None	None	None	2024-04-16 20:26:54 UTC
Red Hat Product Errata	RHSA-2024:1868	0	None	None	None	2024-04-16 20:26:38 UTC
Red Hat Product Errata	RHSA-2024:2945	0	None	None	None	2024-05-21 14:18:58 UTC
Red Hat Product Errata	RHSA-2024:4057	0	None	None	None	2024-06-24 01:38:35 UTC
Red Hat Product Errata	RHSA-2025:9582	0	None	None	None	2025-06-25 00:20:31 UTC
Red Hat Product Errata	RHSA-2025:9583	0	None	None	None	2025-06-25 00:15:14 UTC

TEJ RATHI 2024-02-06 05:54:00 UTC

[Description](#)

A potential security flaw in the "checkLoginIframe" which allows unvalidated cross-origin messages, enabling potential DDoS attacks. By exploiting this vulnerability, attackers could coordinate to send millions of requests in seconds using simple code, significantly impacting the application's availability without proper origin validation for incoming messages.

Component affected: org.keycloak.protocol.oidc
Version affected: <= 23.0.6

TEJ RATHI 2024-02-06 12:20:23 UTC

[Comment 6](#)

Update: Version affected: <= 23.0.6

Initially we received wrong versions in the original report.

Updated in [Comment 0](#) as well.

errata-xmlrpc 2024-04-16 19:52:24 UTC

[Comment 8](#)

This issue has been addressed in the following products:

Red Hat Single Sign-On 7.6 for RHEL 7

Via RHSA-2024:1860 <https://access.redhat.com/errata/RHSA-2024:1860>

errata-xmlrpc 2024-04-16 19:52:39 UTC

[Comment 9](#)

This issue has been addressed in the following products:

Red Hat Single Sign-On 7.6 for RHEL 8

Via RHSA-2024:1861 <https://access.redhat.com/errata/RHSA-2024:1861>

errata-xmlrpc 2024-04-16 19:52:53 UTC

[Comment 10](#)

This issue has been addressed in the following products:

Red Hat Single Sign-On 7.6 for RHEL 9

Via RHSA-2024:1862 <https://access.redhat.com/errata/RHSA-2024:1862>

errata-xmlrpc 2024-04-16 19:54:25 UTC

[Comment 11](#)

This issue has been addressed in the following products:

RHEL-8 based Middleware Containers

Via RHSA-2024:1864 <https://access.redhat.com/errata/RHSA-2024:1864>

errata-xmlrpc 2024-04-16 20:04:38 UTC

[Comment 12](#)

This issue has been addressed in the following products:

RHSSO 7.6.8

Via RHSA-2024:1866 <https://access.redhat.com/errata/RHSA-2024:1866>

errata-xmlrpc 2024-04-16 20:26:35 UTC

[Comment 13](#)

This issue has been addressed in the following products:

Red Hat build of Keycloak 22.0.10

Via RHSA-2024:1868 <https://access.redhat.com/errata/RHSA-2024:1868>

errata-xmlrpc 2024-04-16 20:26:51 UTC

[Comment 14](#)

This issue has been addressed in the following products:

Red Hat build of Keycloak 22

Via RHSA-2024:1867 <https://access.redhat.com/errata/RHSA-2024:1867>

errata-xmlrpc 2024-05-21 14:18:54 UTC

[Comment 15](#)

This issue has been addressed in the following products:

Red Hat JBoss AMQ

Via RHSA-2024:2945 <https://access.redhat.com/errata/RHSA-2024:2945>

errata-xmlrpc 2024-06-24 01:38:31 UTC

[Comment 16](#)

This issue has been addressed in the following products:

RHOSS-1.33-RHEL-8

Via RHSA-2024:4057 <https://access.redhat.com/errata/RHSA-2024:4057>

errata-xmlrpc 2025-06-25 00:15:09 UTC

[Comment 19](#)

This issue has been addressed in the following products:

Red Hat JBoss Enterprise Application Platform 7.3 EUS for RHEL 7

Via RHSA-2025:9583 <https://access.redhat.com/errata/RHSA-2025:9583>

errata-xmlrpc 2025-06-25 00:20:26 UTC

[Comment 20](#)

This issue has been addressed in the following products:

Red Hat JBoss Enterprise Application Platform 7.1 EUS for RHEL 7

Via RHSA-2025:9582 <https://access.redhat.com/errata/RHSA-2025:9582>

Note

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