



# Cookie Preferences and Opt-Out Rights Your Choices About Cookies on this Site



Red Hat F

A cookie is a small amount of data that is sent to your browser from a web server and stored on your device. The cookie may be placed by Red Hat or by an authorized third party.

4-04-16

**RHSA**

Overview

When you use this site, Red Hat uses cookies and other technologies which are necessary to enable the basic features of the site to function (Required cookies). Subject to your preferences, Red Hat and its authorized partners may also use cookies to analyze your use of the website to evaluate and improve our performance, to improve our service to you and to personalize your experience (Functional cookies) as well as advertising cookies to show you ads that are more relevant to you (Advertising cookies). We honor the preferences you select.

Updated In

**Synop**

In addition to the services they provide to Red Hat, certain Red Hat authorized partners may also use this data for their own purposes or for targeted advertising. This activity may qualify as a "sale" or "targeted advertising" under certain data protection laws. You can make choices using the buttons below to allow or prevent such uses.

Moderat

**Type/**

Security

**Accept default** will keep your preferences set to accept all cookies (Required, Functional and Advertising), which enables us to provide you a personalized web experience and more relevant ads on third party websites. This means that you allow our partners to collect and use this data.

**Topic**

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Contain

**Required Cookies only** will set your cookie preferences to "Required Cookies" only. This will prevent our partners from collecting and using this data but may also prevent us from providing you a personalized web experience and more relevant ads on third party websites. Cookie preferences will provide further information and allow you to customize your cookie settings. Setting your cookie preferences to "Required Cookies only" will opt you out of "sales" and "targeted advertising".

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Clearing your browser cookies may delete your cookie preferences. If you re-visit this site after clearing browser cookies, you will need to reset your preferences at that time. If you have set your browser's global privacy

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Security

- Authorization Bypass (CVE-2023-6544)
- XSS via assertion consumer service URL in SAML POST-binding flow (CVE-2023-6717)
- path transversal in redirection validation (CVE-2024-1132)
- unvalidated cross-origin messages in checkLoginIframe leads to DDoS (CVE-2024-1249)
- path traversal in the redirect validation (CVE-2024-2419)
- secondary factor bypass in step-up authentication (CVE-2023-3597)

- impersonation via logout token exchange (CVE-2023-0657)
- session hijacking via re-authentication (CVE-2023-6787)
- keycloak-rhel9-operator-bundle-container: Log Injection during WebAuthn authentication or registration (CVE-2023-6484)
- keycloak-rhel9-operator-container: Log Injection during WebAuthn authentication or registration (CVE-2023-6484)

This erratum releases a bug update and enhancement images for Red Hat build of Keycloak 22.0.10 for use within the OpenShift Container Platform 4.12, 4.13, 4.14 and 4.15 cloud computing Platform-as-a-Service (PaaS) for on-premise or private cloud deployments, aligning with the standalone product release.

## Solution

Before applying this update, make sure all previously released errata relevant to your system have been applied.










For details on how to apply this update, refer to:

<https://access.redhat.com/articles/11258> 



## Affected Products








- Red Hat build of Keycloak Text-only Advisories x86\_64

## Fixes


- [BZ - 2166728](#)  - CVE-2023-0657 keycloak: impersonation via logout token exchange
- [BZ - 2221760](#)  - CVE-2023-3597 keycloak: secondary factor bypass in step-up authentication
- [BZ - 2248423](#)  - CVE-2023-6484 keycloak: Log Injection during WebAuthn authentication or registration
- [BZ - 2253116](#)  - CVE-2023-6544 keycloak: Authorization Bypass
- [BZ - 2253952](#)  - CVE-2023-6717 keycloak: XSS via assertion consumer service URL in SAML POST-binding flow
- [BZ - 2254375](#)  - CVE-2023-6787 keycloak: session hijacking via re-authentication
- [BZ - 2262117](#)  - CVE-2024-1132 keycloak: path transversal in redirection validation
- [BZ - 2262918](#)  - CVE-2024-1249 keycloak: org.keycloak.protocol.oidc: unvalidated cross-origin messages in checkLoginIframe leads to DDoS
- [BZ - 2269371](#)  - CVE-2024-2419 keycloak: path traversal in the redirect validation

## CVEs

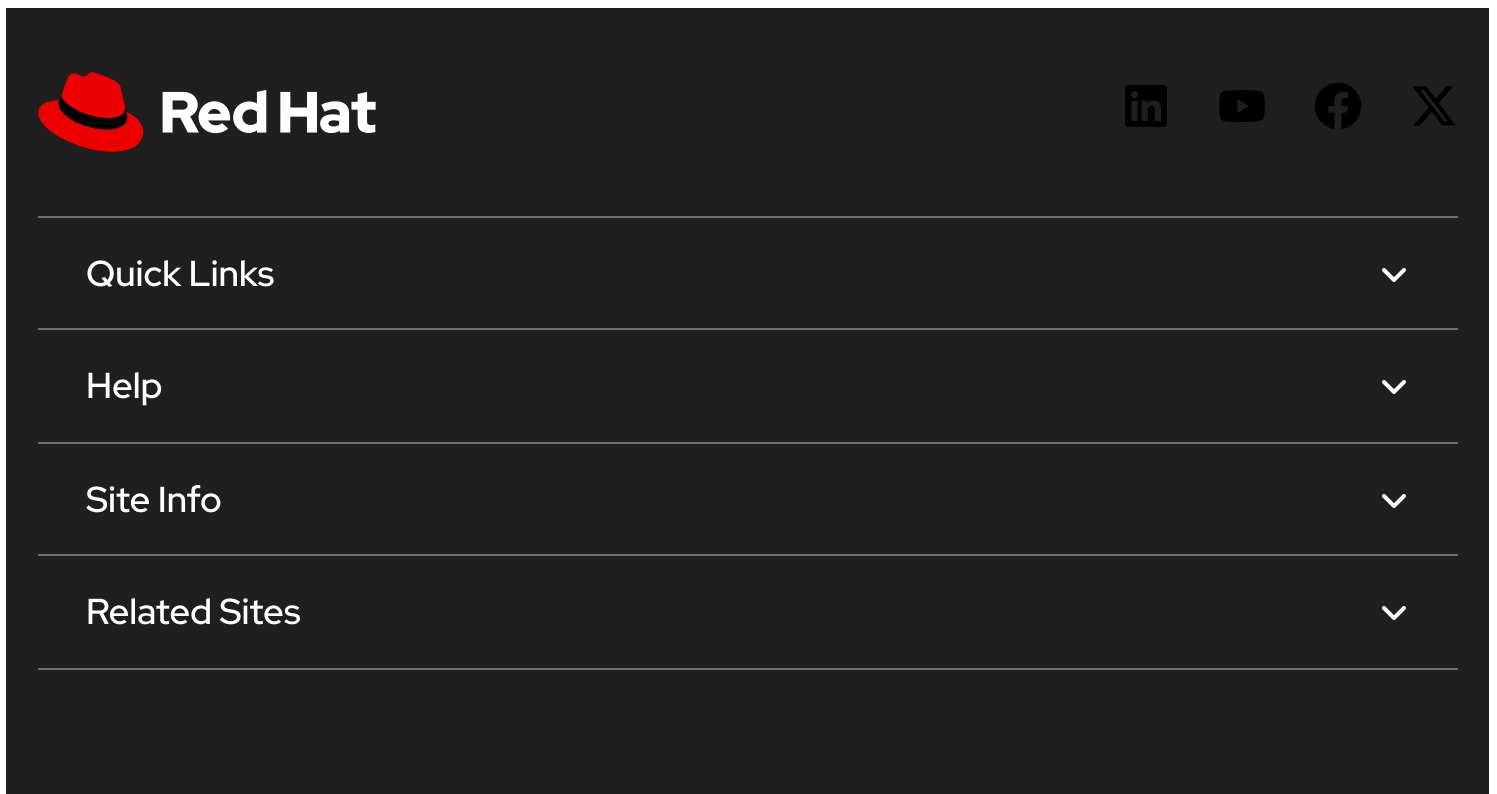
- [CVE-2023-0657](#) 
- [CVE-2023-3597](#) 

- [CVE-2023-6484](#) 
- [CVE-2023-6544](#) 
- [CVE-2023-6717](#) 
- [CVE-2023-6787](#) 
- [CVE-2024-1132](#) 
- [CVE-2024-1249](#) 
- [CVE-2024-2419](#) 


## References


- <https://access.redhat.com/security/updates/classification/#moderate> 

The Red Hat security contact is [secalert@redhat.com](mailto:secalert@redhat.com). More contact details at <https://access.redhat.com/security/team/contact/>.



The image shows a dark-themed navigation menu for Red Hat. At the top left is the Red Hat logo (a red hat) and the text "Red Hat". To the right are social media icons for LinkedIn, YouTube, Facebook, and X. Below these are four menu items: "Quick Links", "Help", "Site Info", and "Related Sites", each with a downward-pointing chevron icon to its right.

 Partial system outage



The image shows a dark-themed footer section. On the left is a small, light-colored hat icon. To its right is the text "About Red Hat".

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