



# 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.

RHSA

4-04-16

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.

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Importa

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.

Type/

Security

Topic

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**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.

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**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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Security

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

- path transversal in redirection validation (CVE-2024-1132)
- org.keycloak.protocol.oidc: unvalidated cross-origin messages in checkLoginIframe leads to DDoS (CVE-2024-1249)
- secondary factor bypass in step-up authentication (CVE-2023-3597)
- Authorization Bypass (CVE-2023-6544)

- XSS via assertion consumer service URL in SAML POST-binding flow (CVE-2023-6717)
- session hijacking via re-authentication (CVE-2023-6787)
- impersonation via logout token exchange (CVE-2023-0657)
- Log Injection during WebAuthn authentication or registration (CVE-2023-6484)

For more details about the security issue(s), including the impact, a CVSS score, acknowledgments, and other related information, refer to the CVE page(s) listed in the References section.

## 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

## CVEs

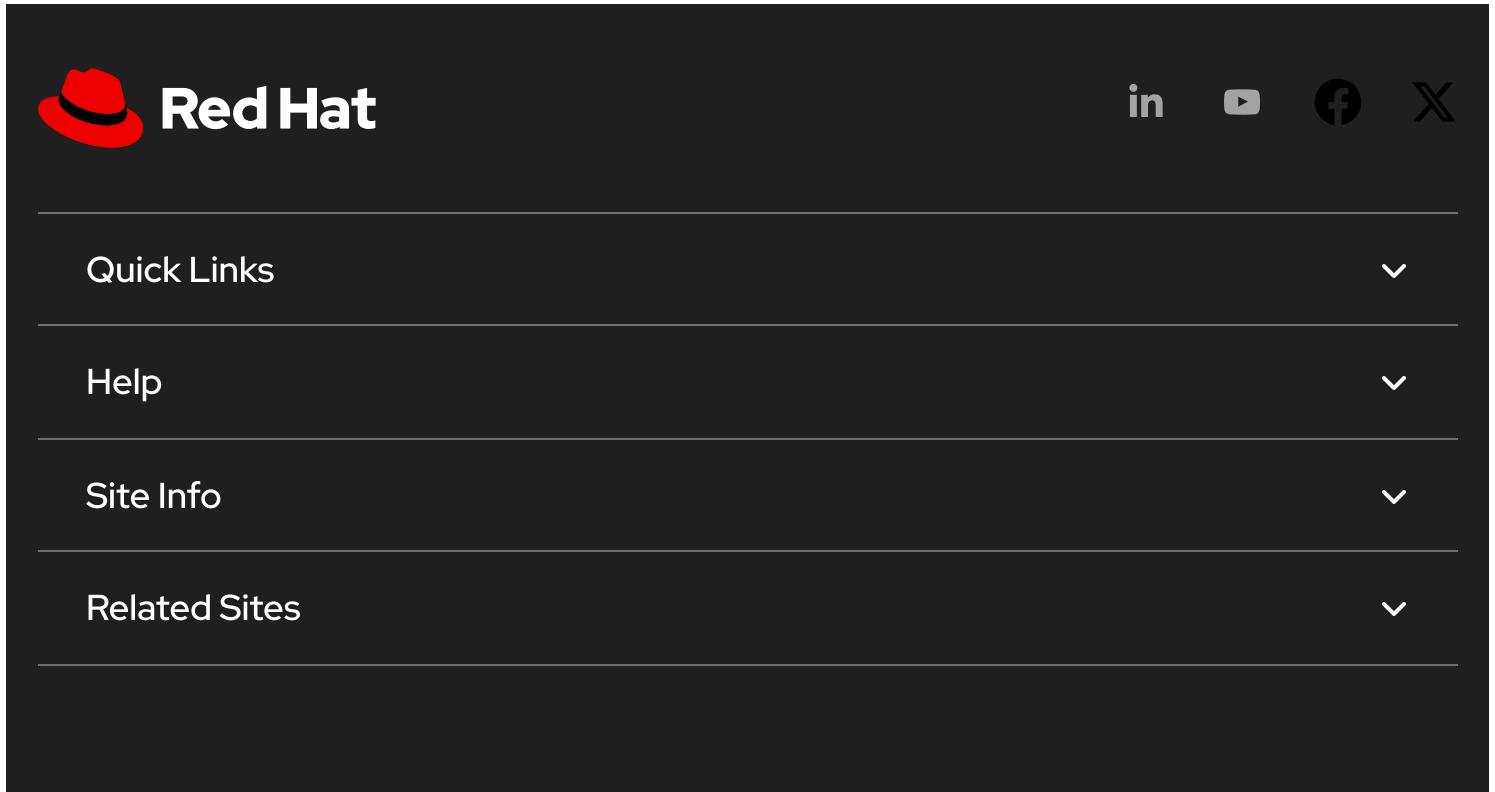
- CVE-2023-0657 
- CVE-2023-3597 
- CVE-2023-6484 
- CVE-2023-6544 
- CVE-2023-6717 
- CVE-2023-6787 
- CVE-2024-1132 

- [CVE-2024-1249](#) 


## References

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

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



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