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RHSA

4-04-16

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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.

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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".

Topic

Clearing your browser cookies may delete your cookie preferences. If you re-

New Red Hat Single Sign-On 7.6.8 deliverables are now available for Red Hat Enterprise Linux 8.

This is an enhancement and security update with Important impact rating and package name 'rh-sso7-keycloak'. A Common Vulnerability Scoring System (CVSS) base score, which gives a detailed severity rating, is available for each vulnerability from the CVE link(s) in the References section.

Description

Red Hat Single Sign-On 7.6 is a standalone server, based on the Keycloak project, that provides authentication and standards-based single sign-on capabilities for web and mobile applications.

This release of Red Hat Single Sign-On 7.6.8 on RHEL 8 serves as a replacement for Red Hat Single Sign-On 7.6.7, and includes bug fixes, security updates and enhancements which are linked to in the References.

Security Fix(es):

- path transversal in redirection validation (CVE-2024-1132)
- org.keycloak.protocol.oidc: unvalidated cross-origin messages in checkLoginIframe leads to DDoS (CVE-2024-1249)
- undertow: Out-of-memory Error after several closed connections with wildfly-http-client protocol (CVE-2024-1635)
- Authorization Bypass (CVE-2023-6544)
- Log Injection during WebAuthn authentication or registration (CVE-2023-6484)

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

Solution

For details on how to apply this update, which includes the changes described in this advisory, refer to:

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






Affected Products

- Red Hat Single Sign-On 7.6 for RHEL 8 x86_64



Fixes

- [BZ - 2248423](#) - CVE-2023-6484 keycloak: Log Injection during WebAuthn authentication or registration
- [BZ - 2253116](#) - CVE-2023-6544 keycloak: Authorization Bypass
- [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 - 2264928](#) - CVE-2024-1635 undertow: Out-of-memory Error after several closed connections with wildfly-http-client protocol


CVEs

- [CVE-2023-6484](#) 
- [CVE-2023-6544](#) 
- [CVE-2024-1132](#) 
- [CVE-2024-1249](#) 
- [CVE-2024-1635](#) 

References

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


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




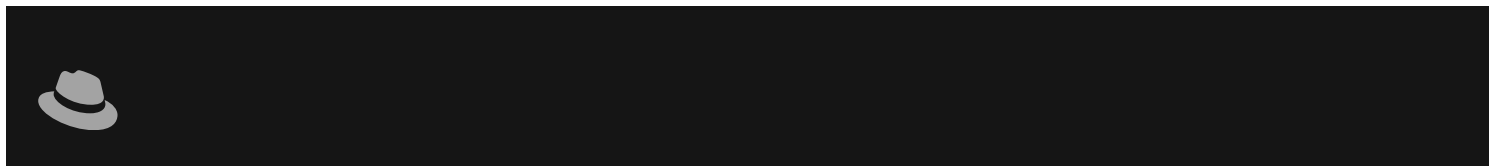
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