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## RHSA-2024:10176 - Security Advisory

Issued: 2024-11-21    Updated: 2024-11-21

[Overview](#)

### Synopsis

Important: Red Hat build of Keycloak 24.0.9 Update

### Type/Severity

Security Advisory: Important

### Topic

New Red Hat build of Keycloak 24.0.9 packages with security impact Important are available from the Customer Portal

### Description

Red Hat build of Keycloak 24.0.9 is a standalone server, based on the Keycloak project, that provides authentication and standards-based single sign-on capabilities for web and mobile applications.

Security fixes:

- Sensitive Data Exposure in Keycloak Build Process (CVE-2024-10451)
- Keycloak Denial of Service (CVE-2024-10270)
- Keycloak path traversal (CVE-2024-10492)
- Keycloak proxy header handling Denial-of-Service (DoS) vulnerability (CVE-2024-9666)
- Keycloak TLS passthrough (CVE-2024-10039)

### Solution

Before applying the update, back up your existing installation, including all applications, configuration files, databases and database settings, and so on.

## Affected Products

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

## Fixes

- [BZ - 2317440](#) - CVE-2024-9666 org.keycloak/keycloak-quarkus-server: Keycloak proxy header handling Denial-of-Service (DoS) vulnerability
- [BZ - 2319217](#) - CVE-2024-10039 keycloak-core: mTLS passthrough
- [BZ - 2321214](#) - CVE-2024-10270 org.keycloak:keycloak-services: Keycloak Denial of Service
- [BZ - 2322096](#) - CVE-2024-10451 org.keycloak:keycloak-quarkus-server: Sensitive Data Exposure in Keycloak Build Process
- [BZ - 2322447](#) - CVE-2024-10492 keycloak-quarkus-server: Keycloak path traversal

## CVEs

- [CVE-2024-9666](#)
- [CVE-2024-10039](#)
- [CVE-2024-10270](#)
- [CVE-2024-10451](#)
- [CVE-2024-10492](#)

## References

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

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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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