


[GitHub Advisory Database](#) / [GitHub Reviewed](#) / GHSA-j76j-rqwj-jmvv

# Duplicate Advisory: Keycloak Session Fixation vulnerability

**High severity** GitHub Reviewed Published on Sep 9, 2024 to the GitHub Advisory Database • Updated on Dec 20, 2024

Withdrawn This advisory was withdrawn on Dec 20, 2024

**Vulnerability details** Dependabot alerts 0

**Package**  
 **org.keycloak:keycloak-services** ([Maven](#))

Affected versions	Patched versions
< 22.0.12	22.0.12
>= 23.0.0, < 24.0.7	24.0.7
>= 25.0.0, < 25.0.5	25.0.5

**Description**

## Duplicate Advisory

This advisory has been withdrawn because it is a duplicate of [GHSA-5rxp-2rhr-qwqv](#). This link is maintained to preserve external references.

## Original Description

A session fixation issue was discovered in the SAML adapters provided by Keycloak. The session ID and JSESSIONID cookie are not changed at login time, even when the `turnOffChangeSessionIdOnLogin` option is configured. This flaw allows an attacker who hijacks the current session before authentication to trigger session fixation.

**References**

- <https://nvd.nist.gov/vuln/detail/CVE-2024-7341>

- <https://access.redhat.com/errata/RHSA-2024:6493>
- <https://access.redhat.com/errata/RHSA-2024:6494>
- <https://access.redhat.com/errata/RHSA-2024:6495>
- <https://access.redhat.com/errata/RHSA-2024:6497>
- <https://access.redhat.com/errata/RHSA-2024:6499>
- <https://access.redhat.com/errata/RHSA-2024:6500>
- <https://access.redhat.com/errata/RHSA-2024:6501>
- <https://access.redhat.com/errata/RHSA-2024:6502>
- <https://access.redhat.com/errata/RHSA-2024:6503>
- <https://access.redhat.com/security/cve/CVE-2024-7341>
- [https://bugzilla.redhat.com/show\\_bug.cgi?id=2302064](https://bugzilla.redhat.com/show_bug.cgi?id=2302064)
- [keycloak/keycloak@ 2341d6e](#)
- [keycloak/keycloak@ 5b3de0c](#)
- [keycloak/keycloak@ 5e06da2](#)



Published by the National Vulnerability Database on Sep 9, 2024



Published to the GitHub Advisory Database on Sep 9, 2024



Reviewed on Sep 9, 2024



Last updated on Dec 20, 2024



Withdrawn on Dec 20, 2024

**Severity**

High 7.5 / 10

**CVSS v4 base metrics**

**Exploitability Metrics**

Attack Vector	Network
Attack Complexity	Low
Attack Requirements	Present
Privileges Required	Low
User interaction	Passive

**Vulnerable System Impact Metrics**

Confidentiality	High
-----------------	------

Integrity	High
Availability	High
<b>Subsequent System Impact Metrics</b>	
Confidentiality	None
Integrity	None
Availability	None
<a href="#">Learn more about base metrics</a>	

CVSS:4.0/AV:N/AC:L/AT:P/PR:L/UI:P/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N

---

### EPSS score

---

### Weaknesses

▶ CWE-384

---

### CVE ID

No known CVE

---

### GHSA ID

GHSA-j76j-rqwj-jmvv

---

### Source code

[keycloak/keycloak](#)

---

### Credits



stianst

Analyst

---

This advisory has been edited. [See History](#).

See something to contribute? [Suggest improvements for this vulnerability](#).