



CVE-2019-14820

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CVE-2019-14820

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Jboss Enterprise Application Platform](#) from [Redhat](#) contain the following vulnerability:

It was found that keycloak before version 8.0.0 exposes internal adapter endpoints in org.keycloak.constants.AdapterConstants, which can be invoked via a specially-crafted URL. This vulnerability could allow an attacker to access unauthorized information.

CVE-2019-14820 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **keycloak** - **keycloak** version **fixed in 8.0.0**

CVSS3 Score: **4.3 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	LOW	NONE	NONE

CVSS2 Score: **4 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
1649870 – (CVE-2019-14820) CVE-2019-14820 keycloak: adapter endpoints are exposed via arbitrary URLs	Issue Tracking Patch Third Party Advisory	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=CVE-2019-14820

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Related QID Numbers

980243 Java (maven) Security Update for org.keycloak:keycloak-core (GHSA-xfqh-7356-vqjj)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Redhat	Jboss Enterprise Application Platform	6.4.0	All	All	All
Application	Redhat	Jboss Enterprise Application Platform	7.2.0	All	All	All
Application	Redhat	Jboss Enterprise Application Platform	6.4.0	All	All	All
Application	Redhat	Jboss Enterprise Application Platform	7.2.0	All	All	All
Application	Redhat	Jboss Fuse	7.0.0	All	All	All
Application	Redhat	Jboss Fuse	7.0.0	All	All	All
Application	Redhat	Keycloak	All	All	All	All
Application	Redhat	Keycloak	All	All	All	All
Application	Redhat	Single Sign-on	7.3	All	All	All
Application	Redhat	Single Sign-on	7.3	All	All	All

cpe:2.3:a:redhat:jboss_enterprise_application_platform:6.4.0:*:*:*:*:*:

cpe:2.3:a:redhat:jboss_enterprise_application_platform:7.2.0:*:*:*:*:*:

cpe:2.3:a:redhat:jboss_enterprise_application_platform:6.4.0:*:*:*:*:*:

cpe:2.3:a:redhat:jboss_enterprise_application_platform:7.2.0:*:*:*:*:*:

cpe:2.3:a:redhat:jboss_fuse:7.0.0:*:*:*:*:*:

cpe:2.3:a:redhat:jboss_fuse:7.0.0:*:*:*:*:*:

cpe:2.3:a:redhat:keycloak:*:*:*:*:*:

cpe:2.3:a:redhat:keycloak:*:*:*:*:*:

cpe:2.3:a:redhat:single_sign-on:7.3:*:*:*:*:*:

cpe:2.3:a:redhat:single_sign-on:7.3:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions		
Source	Title	Posted (UTC)
 @LinInfoSec	Keycloak - CVE-2019-14820: bugzilla.redhat.com/show_bug.cgi?i...	2021-10-29 18:56:29
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