

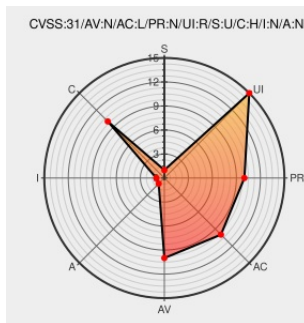


CVE-2020-27838

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CVE-2020-27838

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

Certain versions of [Keycloak](#) from [Redhat](#) contain the following vulnerability:

A flaw was found in keycloak in versions prior to 13.0.0. The client registration endpoint allows fetching information about PUBLIC clients (like client secret) without authentication which could be an issue if the same PUBLIC client changed to CONFIDENTIAL later. The highest threat from this vulnerability is to data confidentiality.

CVE-2020-27838 has been assigned by [secalert@redhat.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.5 - MEDIUM**

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

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
1906797 – (CVE-2020-27838) CVE-2020-27838 keycloak: Exploiting the client registration API	Issue Tracking Vendor Advisory bugzilla.redhat.com	MISC bugzilla.redhat.com/show_bug.cgi?id=1906797

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Redhat	Keycloak	All	All	All	All
Application	Redhat	Keycloak	All	All	All	All
Application	Redhat	Single Sign-on	7.0	All	All	All
Application	Redhat	Single Sign-on	7.0	All	All	All
cpe:2.3:a:redhat:keycloak:*****:						
cpe:2.3:a:redhat:keycloak:*****:						
cpe:2.3:a:redhat:single_sign-on:7.0:*****:						
cpe:2.3:a:redhat:single_sign-on:7.0:*****:						

No vendor comments have been submitted for this CVE

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