CVE-2020-10686

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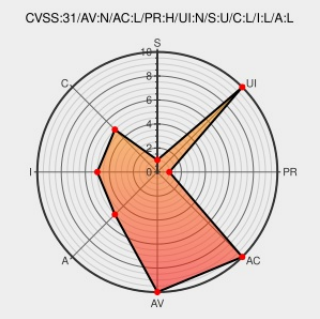
CVE-2020-10686

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Keycloak from Redhat contain the following vulnerability:

A flaw was found in Keycloak version 8.0.2 and 9.0.0, and was fixed in Keycloak version 9.0.1, where a malicious user registers as oneself. The attacker could then use the remove devices form to post different credential IDs and possibly remove MFA devices for other users.

CVE-2020-10686 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **Keycloak** - **keycloak** version **8.0.2**

Affected Vendor/Software: **Keycloak** - **keycloak** version **9.0.0**

CVSS3 Score: 4.7 - MEDIUM

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

CVSS2 Score: 6.5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link

1814609 – (CVE-2020-10686) CVE-2020-10686 keycloak: remove other users MFA devices	Issue Tracking Vendor Advisory bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=CVE-2020-10686

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	8.0.2	All	All	All
Application	Redhat	Keycloak	9.0.0	All	All	All
Application	Redhat	Keycloak	8.0.2	All	All	All
Application	Redhat	Keycloak	9.0.0	All	All	All

cpe:2.3:a:redhat:keycloak:8.0.2:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:keycloak:9.0.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:keycloak:8.0.2:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:keycloak:9.0.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@LinInfoSec	Keycloak - CVE-2020-10686: bugzilla.redhat.com/show_bug.cgi?i…	2022-08-05 21:01:42
@RemotelyAlerts	Severity: ?? | A flaw was found in Keycloak version 8.0... | CVE-2020-10686 | Link for more: alerts.remotelyrmm.com/CVE-2020-10686	2022-08-05 21:31:46

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