CVE-2017-12160

Published on: 10/26/2017 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:26:29 PM UTC

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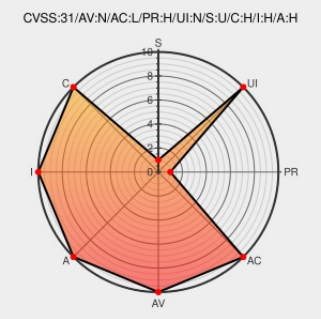
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Keycloak from Redhat contain the following vulnerability:

It was found that Keycloak oauth would permit an authenticated resource to obtain an access/refresh token pair from the authentication server, permitting indefinite usage in the case of permission revocation. An attacker on an already compromised resource could use this flaw to grant himself continued permissions and possibly conduct further attacks.

CVE-2017-12160 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Red Hat, Inc.** - **keycloak** version **3.4.0**

CVSS3 Score: 7.2 - HIGH

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

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

Red Hat Customer Portal	Issue Tracking Third Party Advisory access.redhat.com text/html	REDHAT RHSA-2017:2906
1484154 – (CVE-2017-12160) CVE-2017-12160 keycloak: resource privilege extension via access token in oauth	Issue Tracking Third Party Advisory bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=1484154
Red Hat Customer Portal	Issue Tracking Third Party Advisory access.redhat.com text/html	REDHAT RHSA-2017:2904
Red Hat Customer Portal	Issue Tracking Third Party Advisory access.redhat.com text/html	REDHAT RHSA-2017:2905

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
Application	Redhat	Keycloak	-	All	All	All

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

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

No vendor comments have been submitted for this CVE

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