



CVE-2017-12159

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2017-12159
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-10-26 17:29:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	It was found that the cookie used for CSRF prevention in Keycloak was not unique to each session. An attacker could use t

Risk And Classification

Primary CVSS: v3.0 7.5 HIGH from nvd@nist.gov

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N

Problem Types: CWE-613 | CWE-613 CWE-613

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.5	HIGH	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N
2.0	nvd@nist.gov	Primary	5		AV:N/AC:L/Au:N/C:P/I:N/A:N

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

None

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

None

AV:N/AC:L/Au:N/C:P/I:N/A:N

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Keycloak	Keycloak	-	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Application	Redhat	Single Sign On	7.0	All	All	All
Application	Redhat	Single Sign On	7.1	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Red Hat Inc.	Keycloak	affected 3.4.0	Not specified

References

Reference	Source	Link
Malformed Request	af854a3a-2127-422b-91ae-364da2661108	www.securityfocus.com/bid/78444
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108	access.redhat.com/errata/RHSA-2017-12159
1484111 – (CVE-2017-12159) CVE-2017-12159 keycloak: CSRF token fixation	af854a3a-2127-422b-91ae-364da2661108	bugzilla.redhat.com/show_bug.cgi?id=1484111
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108	access.redhat.com/errata/RHSA-2017-12159
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108	access.redhat.com/errata/RHSA-2017-12159
CVE Program record	CVE.ORG	www.cve.org

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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