



# CVE-2017-12158

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

## Summary

<b>CVE</b>	CVE-2017-12158
<b>State</b>	PUBLISHED
<b>Assigner</b>	redhat
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-10-26 17:29:00 UTC
<b>Updated</b>	2025-04-20 01:37:25 UTC
<b>Description</b>	It was found that Keycloak would accept a HOST header URL in the admin console and use it to determine web resource lo

## Risk And Classification

**Primary CVSS:** v3.0 5.4 MEDIUM from nvd@nist.gov

**CVSS:**3.0/AV:N/AC:L/PR:L/UI:R/S:C/C:L/I:L/A:N

**Problem Types:** CWE-444 | CWE-79 | CWE-444 CWE-444

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	5.4	MEDIUM	CVSS:3.0/AV:N/AC:L/PR:L/UI:R/S:C/C:L/I:L/A:N
2.0	nvd@nist.gov	Primary	3.5		AV:N/AC:M/Au:S/C:N/I:P/A:N

## CVSS v3.0 Breakdown

Attack Vector

**Network**

Attack Complexity

**Low**

Privileges Required

**Low**

User Interaction

**Required**

Scope

**Changed**

Confidentiality

**Low**

Integrity

**Low**

Availability

None

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

### CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

Single

Confidentiality

None

Integrity

Partial

Availability

None

AV:N/AC:M/Au:S/C:N/I:P/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
1489161 – (CVE-2017-12158) CVE-2017-12158 keycloak: reflected XSS using HOST header	af854a3a-2127-422b-91ae-364da2661108
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108
JBoss KeyCloak CVE-2017-12158 Cross Site Scripting Vulnerability	af854a3a-2127-422b-91ae-364da2661108
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108
CVE Program record	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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