



Keycloak: keycloak: privilege escalation via forged authorization codes due to singleuseobjectprovider isolation flaw

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

Summary

CVE	CVE-2026-4282
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-02 13:16:26 UTC
Updated	2026-04-16 20:52:33 UTC
Description	A flaw was found in Keycloak. The SingleUseObjectProvider, a global key-value store, lacks proper type and namespace is

Risk And Classification

Primary CVSS: v3.1 7.4 HIGH from secalert@redhat.com

CVSS: 3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:N

EPSS: 0.000440000 probability, percentile 0.134350000 (date 2026-04-16)

Problem Types: CWE-653 | CWE-653 Improper Isolation or Compartmentalization

Version	Source	Type	Score	Severity	Vector
3.1	secalert@redhat.com	Secondary	7.4	HIGH	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:N
3.1	CNA	CVSS	7.4	HIGH	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

None

CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:N

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Redhat	Build Of Keycloak	-	All	All	All
Application	Redhat	Build Of Keycloak	26.2	All	All	All
Application	Redhat	Build Of Keycloak	26.2.15	All	All	All
Application	Redhat	Build Of Keycloak	26.4	All	All	All
Application	Redhat	Build Of Keycloak	26.4.11	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Red Hat	Red Hat Build Of Keycloak 26.2	unaffected 26.2.15-1 * rpm	Not specified
CNA	Red Hat	Red Hat Build Of Keycloak 26.2	unaffected 26.2-18 * rpm	Not specified
CNA	Red Hat	Red Hat Build Of Keycloak 26.2	unaffected 26.2-18 * rpm	Not specified
CNA	Red Hat	Red Hat Build Of Keycloak 26.2.15	Not specified	Not specified
CNA	Red Hat	Red Hat Build Of Keycloak 26.4	unaffected 26.4.11-1 * rpm	Not specified
CNA	Red Hat	Red Hat Build Of Keycloak 26.4	unaffected 26.4-14 * rpm	Not specified
CNA	Red Hat	Red Hat Build Of Keycloak 26.4	unaffected 26.4-14 * rpm	Not specified
CNA	Red Hat	Red Hat Build Of Keycloak 26.4.11	Not specified	Not specified

References

Reference	Source	Link	Tags
access.redhat.com/errata/RHSA-2026:6478	secalert@redhat.com	access.redhat.com	Vendor Advisory
access.redhat.com/errata/RHSA-2026:6476	secalert@redhat.com	access.redhat.com	Vendor Advisory
access.redhat.com/errata/RHSA-2026:6475	secalert@redhat.com	access.redhat.com	Vendor Advisory
bugzilla.redhat.com/show_bug.cgi	secalert@redhat.com	bugzilla.redhat.com	Issue Tracking, Vendor Advisory
access.redhat.com/security/cve/CVE-2026-4282	secalert@redhat.com	access.redhat.com	Vendor Advisory
access.redhat.com/errata/RHSA-2026:6477	secalert@redhat.com	access.redhat.com	Vendor Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

CNA: Red Hat would like to thank chungkn (OneMount Group) for reporting this issue. (en)

Additional Advisory Data

Source	Time	Event
CNA	2026-03-16T15:53:57.767Z	Reported to Red Hat.
CNA	2026-04-02T12:30:00.000Z	Made public.

Workarounds

CNA: Mitigation for this issue is either not available or the currently available options do not meet the Red Hat Product Security criteria comprising ease of use and deployment, applicability to widespread installation base, or stability.

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

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