



# Rhacm: open cluster management (ocm): cross-cluster privilege escalation via improper kubernetes client certificate renewal validation

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

## Summary

<b>CVE</b>	CVE-2026-4740
<b>State</b>	PUBLISHED
<b>Assigner</b>	redhat
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-07 15:17:46 UTC
<b>Updated</b>	2026-04-08 21:27:00 UTC
<b>Description</b>	A flaw was found in Open Cluster Management (OCM), the technology underlying Red Hat Advanced Cluster Management

## Risk And Classification

**Primary CVSS:** v3.1 8.2 HIGH from secalert@redhat.com

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

**EPSS:** 0.000080000 probability, percentile 0.007000000 (date 2026-04-13)

**Problem Types:** CWE-295 | CWE-295 Improper Certificate Validation

Version	Source	Type	Score	Severity	Vector
3.1	secalert@redhat.com	Primary	8.2	HIGH	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:C/C:H/I:H/A:H
3.1	CNA	CVSS	8.2	HIGH	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:C/C:H/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

High

User Interaction

None

Scope

Changed

Confidentiality

High

Integrity

High

Availability

High

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Red Hat	<a href="#">Multicluster Engine For Kubernetes</a>	Not specified	Not specified
CNA	Red Hat	<a href="#">Multicluster Engine For Kubernetes</a>	Not specified	Not specified

### References

Reference	Source	Link	Tags
<a href="#">bugzilla.redhat.com/show_bug.cgi</a>	secalert@redhat.com	<a href="#">bugzilla.redhat.com</a>	
<a href="#">blog.arfevrier.fr/open-cluster-management-cross-cluster-escape</a>	secalert@redhat.com	<a href="#">blog.arfevrier.fr</a>	
<a href="#">access.redhat.com/security/cve/CVE-2026-4740</a>	secalert@redhat.com	<a href="#">access.redhat.com</a>	
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>	canonical, analysis

### Vendor Comments And Credit

#### Discovery Credit

**CNA:** Red Hat would like to thank Arnaud FEVRIER (Orange) for reporting this issue. (en)

### Additional Advisory Data

Source	Time	Event
CNA	2026-03-24T03:18:24.150Z	Reported to Red Hat.
CNA	2026-04-07T14:00:35.240Z	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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