



Mce: privilege escalation via excessive /etc/passwd permissions

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

Summary

CVE	CVE-2025-57851
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-08 14:16:25 UTC
Updated	2026-04-08 21:26:13 UTC

Description A container privilege escalation flaw was found in certain Multicluster Engine for Kubernetes images. This issue stems from

Risk And Classification

Primary CVSS: v3.1 6.4 MEDIUM from secalert@redhat.com

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

EPSS: 0.000070000 probability, percentile 0.005890000 (date 2026-04-14)

Problem Types: CWE-276 | CWE-276 Incorrect Default Permissions

Version	Source	Type	Score	Severity	Vector
3.1	secalert@redhat.com	Primary	6.4	MEDIUM	CVSS:3.1/AV:L/AC:H/PR:H/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	6.4	MEDIUM	CVSS:3.1/AV:L/AC:H/PR:H/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

High

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Red Hat	Multicluster Engine For Kubernetes	Not specified	Not specified
CNA	Red Hat	Multicluster Engine For Kubernetes	Not specified	Not specified
CNA	Red Hat	Multicluster Engine For Kubernetes	Not specified	Not specified

References

Reference	Source	Link	Tags
bugzilla.redhat.com/show_bug.cgi	secalert@redhat.com	bugzilla.redhat.com	
access.redhat.com/security/cve/CVE-2025-57851	secalert@redhat.com	access.redhat.com	
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 Antony Di Scala and Michael Whale for reporting this issue.
(en)

Additional Advisory Data

Source	Time	Event
CNA	2025-08-26T18:44:31.833Z	Reported to Red Hat.
CNA	2026-04-08T13:45:54.565Z	Made public.

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

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