



Web-terminal: privilege escalation via excessive /etc/passwd permissions

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

Summary

CVE	CVE-2025-57853
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-08 14:16:26 UTC
Updated	2026-05-01 20:52:11 UTC
Description	A container privilege escalation flaw was found in certain Web Terminal images. This issue stems from the /etc/passwd file

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: 0.000030000 probability, percentile 0.001250000 (date 2026-05-01)

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Redhat	Web Terminal	-	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Red Hat	Red Hat Web Terminal	Not specified	Not specified

References

Reference	Source	Link	Tags
access.redhat.com/security/cve/CVE-2025-57853	secalert@redhat.com	access.redhat.com	Vendor Advisory
bugzilla.redhat.com/show_bug.cgi	secalert@redhat.com	bugzilla.redhat.com	Issue Tracking, 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 Antony Di Scala and Michael Whale for reporting this issue.
(en)

Additional Advisory Data

Source	Time	Event
CNA	2025-08-26T18:47:53.227Z	Reported to Red Hat.
CNA	2026-04-08T13:45:39.234Z	Made public.

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

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