



Bug 2391104 (CVE-2025-57851) - CVE-2025-57851 mce: privilege escalation via excessive /etc/passwd permissions

Keywords: Security

Reported: 2025-08-26 18:46 UTC by OSIDB Bzimport

Status: NEW

Modified: 2026-04-08 13:47 UTC ([History](#))

Alias: CVE-2025-57851

CC List: 8 users ([show](#))

Product: Security Response

Fixed In Version:

Component: vulnerability

Clone Of:

Environment:

Version: unspecified

Last Closed:

Embargoed:

Hardware: All

OS: Linux

Priority: medium

Severity: medium

Target Milestone: ---

Assignee: Product Security DevOps Team

QA Contact:

Docs Contact:

URL:

Whiteboard:

Depends On:

Blocks:

TreeView+ [depends on](#) / [blocked](#)

Attachments ([Terms of Use](#))

OSIDB Bzimport 2025-08-26 18:46:40 UTC

[Description](#)

The /etc/passwd file is created during build time with group-writable permissions. In certain conditions, an attacker who can execute commands within an affected container, even as a non-root user, may be able to leverage their membership in the root group to modify the /etc/passwd file. This could allow the attacker to add a new user with any arbitrary UID, including UID 0, leading to full root privileges within the container.

Note

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