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## RHSA-2024:9459 - Security Advisory

Issued: 2024-11-12    Updated: 2024-11-12

[Overview](#)[Updated Packages](#)

### Synopsis

Important: buildah security update

### Type/Severity

Security Advisory: Important

#### Red Hat Lightspeed patch analysis

Identify and remediate systems affected by this advisory.

[View affected systems](#) 

### Topic

An update for buildah is now available for Red Hat Enterprise Linux 9.

Red Hat Product Security has rated this update as having a security impact of Important. A Common Vulnerability Scoring System (CVSS) base score, which gives a detailed severity rating, is available for each vulnerability from the CVE link(s) in the References section.

## Description

The buildah package provides a tool for facilitating building OCI container images. Among other things, buildah enables you to: Create a working container, either from scratch or using an image as a starting point; Create an image, either from a working container or using the instructions in a Dockerfile; Build both Docker and OCI images.

Security Fix(es):

- go/parser: golang: Calling any of the Parse functions containing deeply nested literals can cause a panic/stack exhaustion (CVE-2024-34155)
- encoding/gob: golang: Calling Decoder.Decode on a message which contains deeply nested structures can cause a panic due to stack exhaustion (CVE-2024-34156)
- go/build/constraint: golang: Calling Parse on a "// +build" build tag line with deeply nested expressions can cause a panic due to stack exhaustion (CVE-2024-34158)
- Podman: Buildah: cri-o: FIPS Crypto-Policy Directory Mounting Issue in containers/common Go Library (CVE-2024-9341)
- Buildah: Podman: Improper Input Validation in bind-propagation Option of Dockerfile RUN --mount Instruction (CVE-2024-9407)
- buildah: Buildah allows arbitrary directory mount (CVE-2024-9675)
- Podman: Buildah: CRI-O: symlink traversal vulnerability in the containers/storage library can cause Denial of Service (DoS) (CVE-2024-9676)

For more details about the security issue(s), including the impact, a CVSS score, acknowledgments, and other related information, refer to the CVE page(s) listed in the References section.

## Solution

For details on how to apply this update, which includes the changes described in this advisory, refer to:

<https://access.redhat.com/articles/11258> 

## Affected Products

- Red Hat Enterprise Linux for x86\_64 9 x86\_64
- Red Hat Enterprise Linux for x86\_64 - Extended Update Support 9.6 x86\_64
- Red Hat Enterprise Linux Server - AUS 9.6 x86\_64
- Red Hat Enterprise Linux for IBM z Systems 9 s390x
- Red Hat Enterprise Linux for IBM z Systems - Extended Update Support 9.6 s390x
- Red Hat Enterprise Linux for Power, little endian 9 ppc64le
- Red Hat Enterprise Linux for Power, little endian - Extended Update Support 9.6 ppc64le
- Red Hat Enterprise Linux for ARM 64 9 aarch64

- Red Hat Enterprise Linux for ARM 64 - Extended Update Support 9.6 aarch64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 9.6 ppc64le
- Red Hat Enterprise Linux for x86\_64 - Update Services for SAP Solutions 9.6 x86\_64
- Red Hat Enterprise Linux for ARM 64 - 4 years of updates 9.6 aarch64
- Red Hat Enterprise Linux for IBM z Systems - 4 years of updates 9.6 s390x
- Red Hat Enterprise Linux for x86\_64 - Extended Life Cycle 9.6 x86\_64
- Red Hat Enterprise Linux for ARM 64 - Extended Life Cycle 9.6 aarch64
- Red Hat Enterprise Linux for Power, little endian - Extended Life Cycle 9.6 ppc64le
- Red Hat Enterprise Linux for IBM z Systems - Extended Life Cycle 9.6 s390x

## Fixes

- [BZ - 2310527](#) - CVE-2024-34155 go/parser: golang: Calling any of the Parse functions containing deeply nested literals can cause a panic/stack exhaustion
- [BZ - 2310528](#) - CVE-2024-34156 encoding/gob: golang: Calling Decoder.Decode on a message which contains deeply nested structures can cause a panic due to stack exhaustion
- [BZ - 2310529](#) - CVE-2024-34158 go/build/constraint: golang: Calling Parse on a "// +build" build tag line with deeply nested expressions can cause a panic due to stack exhaustion
- [BZ - 2315691](#) - CVE-2024-9341 Podman: Buildah: cri-o: FIPS Crypto-Policy Directory Mounting Issue in containers/common Go Library
- [BZ - 2315887](#) - CVE-2024-9407 Buildah: Podman: Improper Input Validation in bind-propagation Option of Dockerfile RUN --mount Instruction
- [BZ - 2317458](#) - CVE-2024-9675 buildah: Buildah allows arbitrary directory mount
- [BZ - 2317467](#) - CVE-2024-9676 Podman: Buildah: CRI-O: symlink traversal vulnerability in the containers/storage library can cause Denial of Service (DoS)
- [RHEL-62107](#) - Buildah in RHEL 9.5 is built without CNI support - [RHEL-9.5 Oday]



## CVEs

- [CVE-2024-9341](#)
- [CVE-2024-9407](#)
- [CVE-2024-9675](#)
- [CVE-2024-9676](#)
- [CVE-2024-34155](#)
- [CVE-2024-34156](#)
- [CVE-2024-34158](#)


## References

- <https://access.redhat.com/security/updates/classification/#important>


The Red Hat security contact is [secalert@redhat.com](mailto:secalert@redhat.com). More contact details at <https://access.redhat.com/security/team/contact/>.




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