



Red Hat Product Errata    RHSA-2024:5258 - Security Advisory

# RHSA-2024:5258 - Security Advisory

Issued: 2024-08-13    Updated: 2024-08-13

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## Synopsis

Important: container-tools:rhel8 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 the container-tools:rhel8 module is now available for Red Hat Enterprise Linux 8.

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 container-tools module contains tools for working with containers, notably podman, buildah, skopeo, and runc.

Security Fix(es):

- golang-fips/openssl: Memory leaks in code encrypting and decrypting RSA payloads (CVE-2024-1394)
- golang: net/http: [\[↗\]](#) memory exhaustion in Request.ParseMultipartForm (CVE-2023-45290)
- golang: crypto/x509: Verify panics on certificates with an unknown public key algorithm (CVE-2024-24783)
- golang: net/mail: comments in display names are incorrectly handled (CVE-2024-24784)
- containers/image: digest type does not guarantee valid type (CVE-2024-3727)
- golang: archive/zip: Incorrect handling of certain ZIP files (CVE-2024-24789)
- go-retryablehttp: [\[↗\]](#) url might write sensitive information to log file (CVE-2024-6104)
- gorilla/schema: Potential memory exhaustion attack due to sparse slice deserialization (CVE-2024-37298)

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 8 x86\_64
- Red Hat Enterprise Linux for IBM z Systems 8 s390x
- Red Hat Enterprise Linux for Power, little endian 8 ppc64le
- Red Hat Enterprise Linux for ARM 64 8 aarch64
- Red Hat Enterprise Linux for x86\_64 - Extended Life Cycle 8.10 x86\_64
- Red Hat Enterprise Linux for ARM 64 - Extended Life Cycle 8.10 aarch64
- Red Hat Enterprise Linux for Power, little endian - Extended Life Cycle 8.10 ppc64le
- Red Hat Enterprise Linux for IBM z Systems - Extended Life Cycle 8.10 s390x

## Fixes

- [BZ - 2262921](#) [\[↗\]](#) - CVE-2024-1394 golang-fips/openssl: Memory leaks in code encrypting and decrypting RSA payloads

- [BZ - 2268017](#) - CVE-2023-45290 golang: net/http: memory exhaustion in Request.ParseMultipartForm
- [BZ - 2268019](#) - CVE-2024-24783 golang: crypto/x509: Verify panics on certificates with an unknown public key algorithm
- [BZ - 2268021](#) - CVE-2024-24784 golang: net/mail: comments in display names are incorrectly handled
- [BZ - 2274767](#) - CVE-2024-3727 containers/image: digest type does not guarantee valid type
- [BZ - 2292668](#) - CVE-2024-24789 golang: archive/zip: Incorrect handling of certain ZIP files
- [BZ - 2294000](#) - CVE-2024-6104 go-retryablehttp: url might write sensitive information to log file
- [BZ - 2295010](#) - CVE-2024-37298 gorilla/schema: Potential memory exhaustion attack due to sparse slice deserialization
- [RHEL-40801](#) - Listing tags in JFrog Artifactory may fail - Skopeo RHEL 8.10
- [RHEL-40800](#) - Listing tags in JFrog Artifactory may fail - Podman RHEL 8.10

## CVEs

- [CVE-2023-45290](#)
- [CVE-2024-1394](#)
- [CVE-2024-3727](#)
- [CVE-2024-6104](#)
- [CVE-2024-24783](#)
- [CVE-2024-24784](#)
- [CVE-2024-24789](#)
- [CVE-2024-37298](#)
- [CVE-2024-37891](#)

## References

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

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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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