

[Red Hat Product Errata](#) [RHSA-2024:10289 - Security Advisory](#)

RHSA-2024:10289 - Security Advisory

Issued: 2024-11-26

Updated: 2024-11-26

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

Synopsis

Moderate: container-tools:rhel8 security update

Type/Severity

Security Advisory: Moderate

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 Moderate. 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: math/big.Rat: may cause a panic or an unrecoverable fatal error if passed inputs with very large exponents (CVE-2021-33198)
- podman: podman machine spawns gvproxy with port bound to all IPs (CVE-2021-4024)
- 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 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 - 1989575](#)  - CVE-2021-33198 golang: math/big.Rat: may cause a panic or an unrecoverable fatal error if passed inputs with very large exponents
- [BZ - 2026675](#)  - CVE-2021-4024 podman: podman machine spawns gvproxy with port bound to all IPs
- [BZ - 2317467](#)  - CVE-2024-9676 Podman: Buildah: CRI-O: symlink traversal vulnerability in the containers/storage library can cause Denial of Service (DoS)

CVEs

- [CVE-2021-4024](#)
- [CVE-2021-33198](#)
- [CVE-2024-9676](#)


References

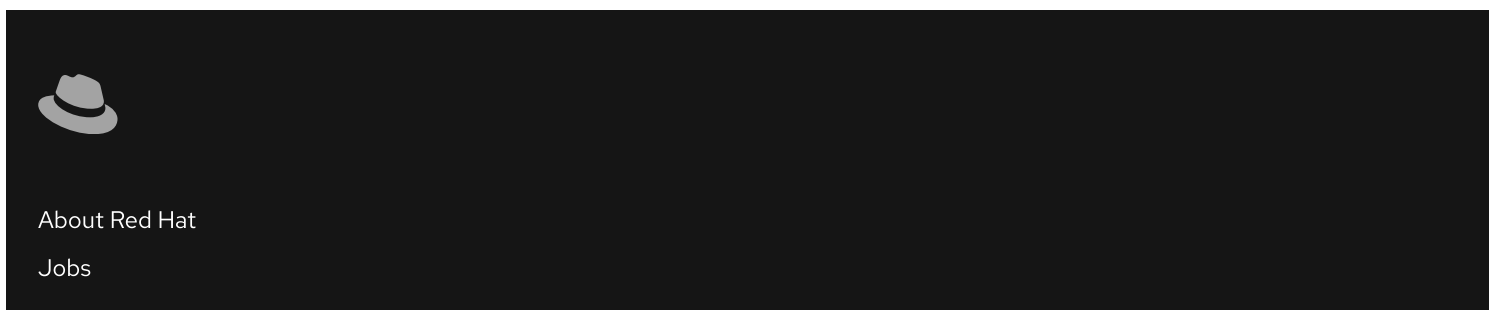
- <https://access.redhat.com/security/updates/classification/#moderate>

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



The image shows a dark-themed navigation bar for the Red Hat website. On the left is the Red Hat logo (a red hat) and the text "Red Hat". On the right are social media icons for LinkedIn, YouTube, Facebook, and X. Below the logo and icons is a vertical menu with four items: "Quick Links", "Help", "Site Info", and "Related Sites". Each item has a downward-pointing chevron icon to its right, indicating a dropdown menu.

 Partial system outage



The image shows a dark-themed footer area. On the left is a small icon of a grey hat. To the right of the icon are two lines of text: "About Red Hat" and "Jobs".

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