



# RHSA-2024:10528 - Security Advisory

Issued: 2024-12-04    Updated: 2024-12-04

[Overview](#)[Updated Images](#)

## Synopsis

Important: OpenShift Container Platform 4.16.25 bug fix and security update

## Type/Severity

Security Advisory: Important

## Topic

Red Hat OpenShift Container Platform release 4.16.25 is now available with updates to packages and images that fix several bugs and add enhancements.

This release includes a security update for Red Hat OpenShift Container Platform 4.16.

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

Red Hat OpenShift Container Platform is Red Hat's cloud computing Kubernetes application platform solution designed for on-premise or private cloud deployments.

This advisory contains the container images for Red Hat OpenShift Container Platform 4.16.25. See the following advisory for the RPM packages for this release:

<https://access.redhat.com/errata/RHBA-2024:10531> 

Space precludes documenting all of the container images in this advisory. See the following Release Notes documentation, which will be updated shortly for this release, for details about these changes:

[https://docs.openshift.com/container-platform/4.16/release\\_notes/ocp-4-16-release-notes.html](https://docs.openshift.com/container-platform/4.16/release_notes/ocp-4-16-release-notes.html) 

Security Fix(es):

- pam: Improper Hostname Interpretation in pam\_access Leads to Access


Control Bypass (CVE-2024-10963)

- QEMU: Denial of Service via Improper Synchronization in QEMU NBD Server

During Socket Closure (CVE-2024-7409)


- microcode\_ctl: Denial of Service (CVE-2024-24968)

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.

All OpenShift Container Platform 4.16 users are advised to upgrade to these updated packages and images when they are available in the appropriate release channel. To check for available updates, use the OpenShift CLI (oc) or web console. Instructions for upgrading a cluster are available at [https://docs.openshift.com/container-platform/4.16/updating/updating\\_a\\_cluster/updating-cluster-cli.html](https://docs.openshift.com/container-platform/4.16/updating/updating_a_cluster/updating-cluster-cli.html) 

## Solution

For OpenShift Container Platform 4.16 see the following documentation, which will be updated shortly for this release, for important instructions on how to upgrade your cluster and fully apply this asynchronous errata update:

[https://docs.openshift.com/container-platform/4.16/release\\_notes/ocp-4-16-release-notes.html](https://docs.openshift.com/container-platform/4.16/release_notes/ocp-4-16-release-notes.html) 

You may download the oc tool and use it to inspect release image metadata for x86\_64, s390x, ppc64le, and aarch64 architectures. The image digests may be found at <https://quay.io/repository/openshift-release-dev/ocp-release?tab=tags>. 

The sha values for the release are as follows:

(For x86\_64 architecture)

The image digest is

sha256:6be262c95acd928771f39e50afc7f1a628d5e20a2ba8c9a83a176c8eff809c06

(For s390x architecture)

The image digest is

sha256:d5fade25cc327a0f1b2174e9588ade616e4c240434e6a5e86088a2e5e9073431

(For ppc64le architecture)


The image digest is

sha256:8404b9ab00ca563e234145c0c7ab8f23600ad768639c5d28b56efec709db95eb

(For aarch64 architecture)

The image digest is












sha256:284e30f29de4ca6220aad4a691045d61b324308e51e3d5ddaf71d82bce8e816

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## Affected Products

- Red Hat OpenShift Container Platform 4.16 for RHEL 9 x86\_64
- Red Hat OpenShift Container Platform for Power 4.16 for RHEL 9 ppc64le
- Red Hat OpenShift Container Platform for IBM Z and LinuxONE 4.16 for RHEL 9 s390x
- Red Hat OpenShift Container Platform for ARM 64 4.16 for RHEL 9 aarch64

## Fixes


- [BZ - 2302487](#)  - CVE-2024-7409 QEMU: Denial of Service via Improper Synchronization in QEMU NBD Server During Socket Closure
- [BZ - 2312594](#)  - CVE-2024-24968 microcode\_ctl: Denial of Service
- [BZ - 2324291](#)  - CVE-2024-10963 pam: Improper Hostname Interpretation in pam\_access Leads to Access Control Bypass
- [OCPBUGS-31416](#)  - Support envfrom on Operator Lifecycle Manager
- [OCPBUGS-42727](#)  - Live migration: CNO should report as a metric when there is network overlap
- [OCPBUGS-43447](#)  - Env vars mentioned in Func.yaml not rendered in the Env section of the Import Forms
- [OCPBUGS-43930](#)  - OLM Catalog ImageStreams not getting updated on minor release upgrade
- [OCPBUGS-44207](#)  - Create RoleBinding will trigger Admission Webhook Warning
- [OCPBUGS-44348](#)  - [release-4.16] ABI cluster installation fails for external OCI platform
- [OCPBUGS-44846](#)  - [release-4.16] Provide support for user owned IPsec machine configs
- [OCPBUGS-44885](#)  - [release-4.17] Silenced alert seen on openshift console overview page

- [OCPBUGS-44932](#) - add IBM Block Storage CSI driver support for RWX

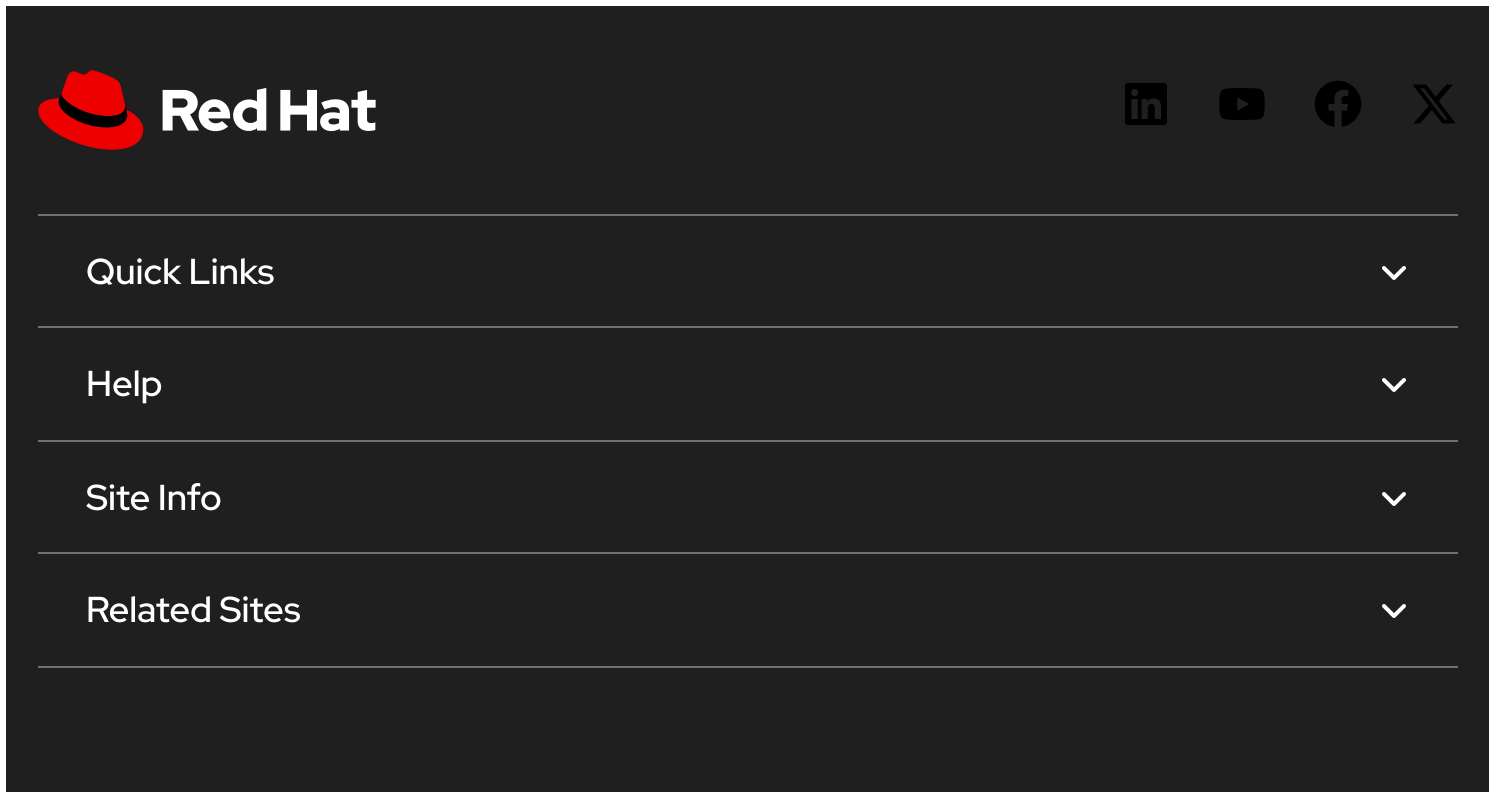
## CVEs

- [CVE-2022-48804](#)
- [CVE-2023-52619](#)
- [CVE-2023-52635](#)
- [CVE-2023-52775](#)
- [CVE-2023-52811](#)
- [CVE-2024-7409](#)
- [CVE-2024-10963](#)
- [CVE-2024-24968](#)
- [CVE-2024-26601](#)
- [CVE-2024-26615](#)
- [CVE-2024-26686](#)
- [CVE-2024-26704](#)
- [CVE-2024-27399](#)
- [CVE-2024-36960](#)
- [CVE-2024-38384](#)
- [CVE-2024-38541](#)
- [CVE-2024-38555](#)
- [CVE-2024-39507](#)
- [CVE-2024-40997](#)
- [CVE-2024-41007](#)
- [CVE-2024-41008](#)
- [CVE-2024-41009](#)
- [CVE-2024-41031](#)
- [CVE-2024-41038](#)
- [CVE-2024-41056](#)
- [CVE-2024-41093](#)
- [CVE-2024-42154](#)
- [CVE-2024-42228](#)
- [CVE-2024-42237](#)
- [CVE-2024-42238](#)
- [CVE-2024-42240](#)
- [CVE-2024-42241](#)
- [CVE-2024-42243](#)
- [CVE-2024-42244](#)
- [CVE-2024-42271](#)
- [CVE-2024-44309](#)
- [CVE-2024-44989](#)


## 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/>.



The image shows a dark-themed navigation bar for the Red Hat website. On the left is the Red Hat logo, consisting of a red fedora hat icon 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 list of menu items: "Quick Links", "Help", "Site Info", and "Related Sites". Each item has a white downward-pointing chevron icon to its right, indicating a dropdown menu.

 Partial system outage



The image shows a dark-themed footer menu. At the top left is a small, light-colored fedora hat icon. Below the icon is a vertical list of links: "About Red Hat", "Jobs", "Events", "Locations", "Contact Red Hat", "Red Hat Blog", "Inclusion at Red Hat", and "Cool Stuff Store".

Red Hat Summit

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