



Red Hat F

RHSA Advis



5-08-13

Overview

Updated In

Synop

Importa

Type/Severity

Security Advisory: Important

Topic

Red Hat OpenShift Container Platform release 4.16.46 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 4.16.46. See the following advisory for the RPM packages for this release:

<https://access.redhat.com/errata/RHBA-2025:13337> 


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.redhat.com/en/documentation/openshift_container_platform/4.16/html/release_notes/ 

Security Fix(es):

- github.com/golang/glog: Vulnerability when creating log files in github.com/golang/glog (CVE-2024-45339)
- [openshift-console](#): Unauthenticated Data Exposure (CVE-2024-7128)
- [libxml2](#): Integer Overflow in `xmlBuildQName()` Leads to Stack Buffer Overflow in [libxml2](#) (CVE-2025-6021)

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.redhat.com/en/documentation/openshift_container_platform/4.16/html-single/updating_clusters/index#updating-cluster-cli. 

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.redhat.com/en/documentation/openshift_container_platform/4.16/html/release_notes/ 

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

`sha256:21b7cb796336c9c8f5d425af265ce9b2ec043eef0a9cfdc055f04e57d68cc9ca`

(For s390x architecture)

The image digest is

sha256:f14964f5029c3db1c0e5c5aedad1cae6f73560db1d19e9afee24c4802d3d2a09

(For ppc64le architecture)


The image digest is

sha256:77a88c32b6d4e0ad0b3c51b54068f7ba91bb4a41967f6aea8f641c7ad3f536df

(For aarch64 architecture)

The image digest is









sha256:60c0e2c9810fa6f91e7bcc1bbebef6195799861ced8fa98882d06168daa3f2b

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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 - 2300037](#)  - CVE-2024-7128 openshift-console: Unauthenticated Data Exposure
- [BZ - 2342463](#)  - CVE-2024-45339 github.com/golang/glog: Vulnerability when creating log files in github.com/golang/glog
- [BZ - 2372406](#)  - CVE-2025-6021 libxml2: Integer Overflow in xmlBuildQName() Leads to Stack Buffer Overflow in libxml2
- [OCPBUGS-26525](#)  - Update 4.16 ose-libvirt-machine-controllers-container image to be consistent with ART
- [OCPBUGS-57210](#)  - [GCP] Error 403: Required 'compute.images.useReadOnly' permission for a custom image attached to additional disks in MachineSet
- [OCPBUGS-57429](#)  - [release-4.16] high snapshot rate on redhat-operators, OLM operator install hangs. RPC DeadlineExceeded while listing bundles.
- [OCPBUGS-59358](#)  - [release-4.16] Navigating away from plugin console.tab/horizontalNav to other tabs results in white tab page
- [OCPBUGS-59727](#)  - [IBM VPC] set offlineExpansion to false in e2e test manifest



CVEs


- [CVE-2021-47527](#)
- [CVE-2022-48669](#)
- [CVE-2022-49395](#)
- [CVE-2022-49788](#)
- [CVE-2023-49083](#)
- [CVE-2023-52451](#)
- [CVE-2023-52764](#)
- [CVE-2023-52877](#)
- [CVE-2024-7128](#)
- [CVE-2024-26659](#)
- [CVE-2024-26934](#)
- [CVE-2024-26964](#)
- [CVE-2024-27059](#)
- [CVE-2024-36945](#)
- [CVE-2024-43888](#)
- [CVE-2024-45339](#)
- [CVE-2024-57980](#)
- [CVE-2024-58002](#)
- [CVE-2025-5222](#)
- [CVE-2025-5994](#)
- [CVE-2025-6021](#)
- [CVE-2025-6965](#)
- [CVE-2025-21727](#)
- [CVE-2025-21928](#)
- [CVE-2025-21991](#)
- [CVE-2025-37890](#)
- [CVE-2025-37958](#)
- [CVE-2025-38052](#)
- [CVE-2025-47273](#)
- [CVE-2025-48384](#)
- [CVE-2025-48385](#)
- [CVE-2025-49133](#)
- [CVE-2025-49794](#)
- [CVE-2025-49796](#)


References

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


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





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