RHSA-2024:6811 - Security Advisory

Issued: 2024-09-25 Updated: 2024-09-25

Synopsis

Important: OpenShift Container Platform 4.13.51 bug fix and security update

Type/Severity

Security Advisory: Important

Topic

Red Hat OpenShift Container Platform release 4.13.51 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 4.13.

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 4.13.51. See the following advisory for the RPM packages for this release:

https://access.redhat.com/errata/RHBA-2024:6813

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/4.13/release_notes/ocp-4-13-release-notes.html

Security Fix(es):

- golang: net/http, x/net/http2: unlimited number of CONTINUATION frames

causes DoS (CVE-2023-45288)

- opentelemetry: DoS vulnerability in otelhttp (CVE-2023-45142)
- opentelemetry-go-contrib: DoS vulnerability in otelgrpc due to unbound

cardinality metrics (CVE-2023-47108)

- go-retryablehttp: url might write sensitive information to log file

(CVE-2024-6104)

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

During Socket Closure (CVE-2024-7409)

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 4.13 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/4.13/updating/updating-cluster-cli.html

Solution

For OpenShift Container Platform 4.13 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/4.13/release_notes/ocp-4-13-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

(For x86_64 architecture)
The image digest is
sha256:d1ed95ba10801de2a7d2a7d8f6859816b019c49f9c3bd78b08f631ac18431e74

(For s390x architecture)
The image digest is sha256:
520e3222fc410884b77fd458bf20ce2d1cfbc0a3b33c1712b49d98633c1ecde8

(For ppc64le architecture)
The image digest is
sha256:770b3e96984c3eca3ad2c3c3b91425233fd879609e978f32779a954cf7702aee

(For aarch64 architecture)
The image digest is
sha256:57e29afafd634b078ea22f725f48e0e9eb838c333c8c906e74674aa556002deb

All OpenShift Container Platform 4.13 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/4.13/updating/updating-cluster-cli.html

Affected Products

- Red Hat OpenShift Container Platform 4.13 for RHEL 9 x86_64
- Red Hat OpenShift Container Platform 4.13 for RHEL 8 x86_64
- Red Hat OpenShift Container Platform for Power 4.13 for RHEL 9 ppc64le
- Red Hat OpenShift Container Platform for Power 4.13 for RHEL 8 ppc64le
- Red Hat OpenShift Container Platform for IBM Z and LinuxONE 4.13 for RHEL 9 s390x
- Red Hat OpenShift Container Platform for IBM Z and LinuxONE 4.13 for RHEL 8 s390x
- Red Hat OpenShift Container Platform for ARM 64 4.13 for RHEL 9 aarch64
- Red Hat OpenShift Container Platform for ARM 64 4.13 for RHEL 8 aarch64

Fixes

- BZ - 2245180 - CVE-2023-45142 opentelemetry: DoS vulnerability in otelhttp
- BZ - 2251198 - CVE-2023-47108 opentelemetry-go-contrib: DoS vulnerability in otelgrpc due to unbound cardinality metrics
- BZ - 2268273 - CVE-2023-45288 golang: net/http, x/net/http2: unlimited number of CONTINUATION frames causes DoS
- BZ - 2294000 - CVE-2024-6104 go-retryablehttp: url might write sensitive information to log file
- BZ - 2302487 - CVE-2024-7409 QEMU: Denial of Service via Improper Synchronization in QEMU NBD Server During Socket Closure
- OCPBUGS-37921 - 4.13: Build Tests Reference EOL Ruby Image

- OCPBUGS-38254 - [4.13] The certificate relating to operator-lifecycle-manager-packageserver isn't rotated after expired
- OCPBUGS-38264 - [4.13] While upgrading from 4.12.55 to 4.13.42, the network operator goes in a degraded state due to the ovnkube-master pods ending up in a crashloopbackoff.
- OCPBUGS-41515 - Removing old weak ciphers from security profile for Hypershift hosted cluster
- OCPBUGS-41594 - PAC: PLRs log link is broken
- OCPBUGS-41723 - Suggest adding a restart of openvswitch service after updating the openvswitch package during RHEL node upgrade
- OCPBUGS-41786 - Centos8 is EOL Update to 9

CVEs

- CVE-2023-45142
- CVE-2023-45288
- CVE-2023-47108
- CVE-2023-52880
- CVE-2024-6104
- CVE-2024-7409
- CVE-2024-26886
- CVE-2024-26974
- CVE-2024-37891
- CVE-2024-38428
- CVE-2024-38559
- CVE-2024-38573
- CVE-2024-38615
- CVE-2024-40984
- CVE-2024-41023
- CVE-2024-41031
- CVE-2024-42241
- CVE-2024-42243
- CVE-2024-42246

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/.

Red Hat

Quick Links

Help

Site Info

Related Sites

Partial system outage

About Red Hat
Jobs
Events
Locations
Contact Red Hat
Red Hat Blog
Inclusion at Red Hat
Cool Stuff Store
Red Hat Summit

Privacy statement
Terms of use
All policies and guidelines
Digital accessibility