



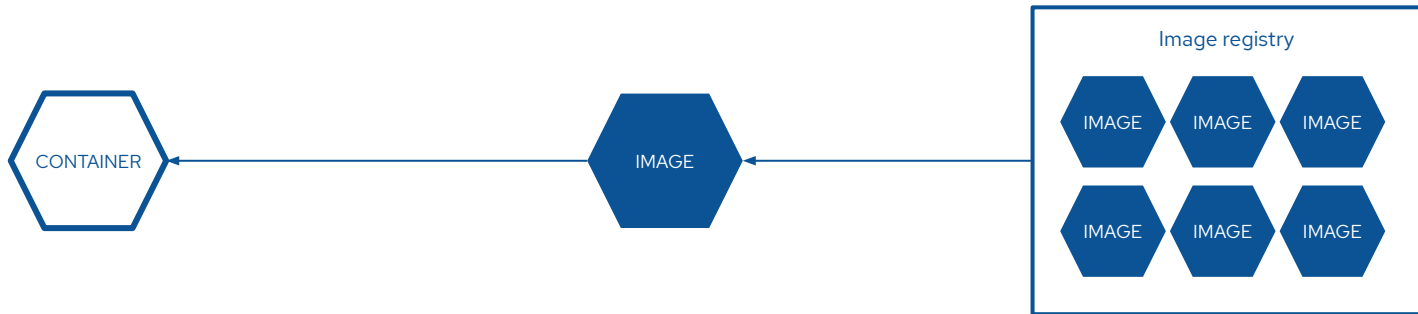
# Red Hat Quay

Industry-leading enterprise container registry

A container is the  
smallest compute unit.

Containers are created  
from  
container images.

Container images are  
stored  
in an image registry.



If you're doing containers and Kubernetes,  
you need a container image registry.

**Red Hat Quay goes far beyond that.**



**Red Hat**  
Quay



**Trusted, open source container registry platform** that runs everywhere, but runs best on Red Hat OpenShift



**Scalability without limits**, from a developer laptop to a container host or Kubernetes, on-premise or on public cloud



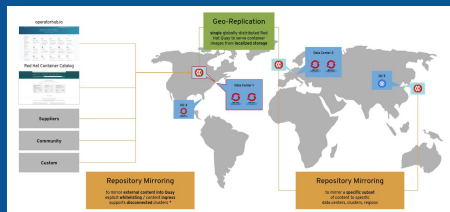
**Global governance and security controls**, with image vulnerability scanning, access controls, geo-replication, etc.



Offered as a **self-managed enterprise container registry product** and as a **hosted multi-tenant SaaS solution**

# Supports true DevSecOps environments

## BUILD

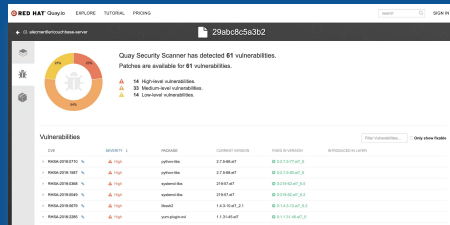


Content ingress point for explicitly whitelisted (trusted) content

Access to Scan Results in all stages of your development pipeline

Fine-Granular RBAC Model

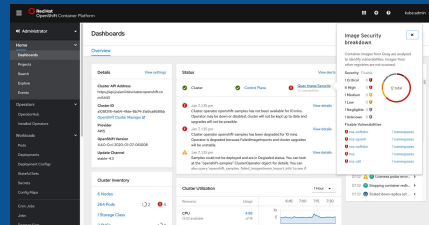
## SHIP



built-in vulnerability scanning at the place where it makes most sense and scales best

Advanced Logging and Auditing

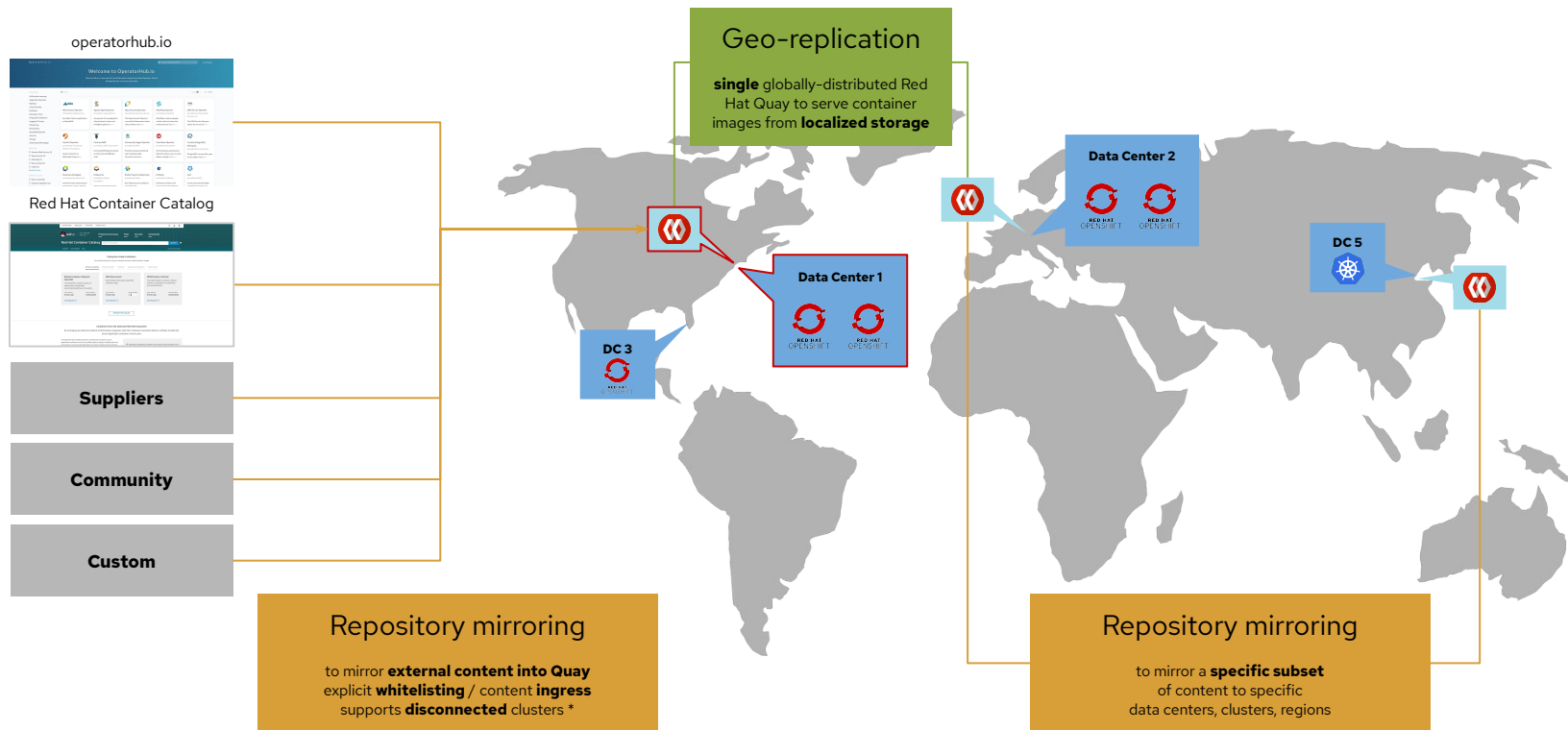
## RUN



Vulnerability scan results exposed to the platform and its users

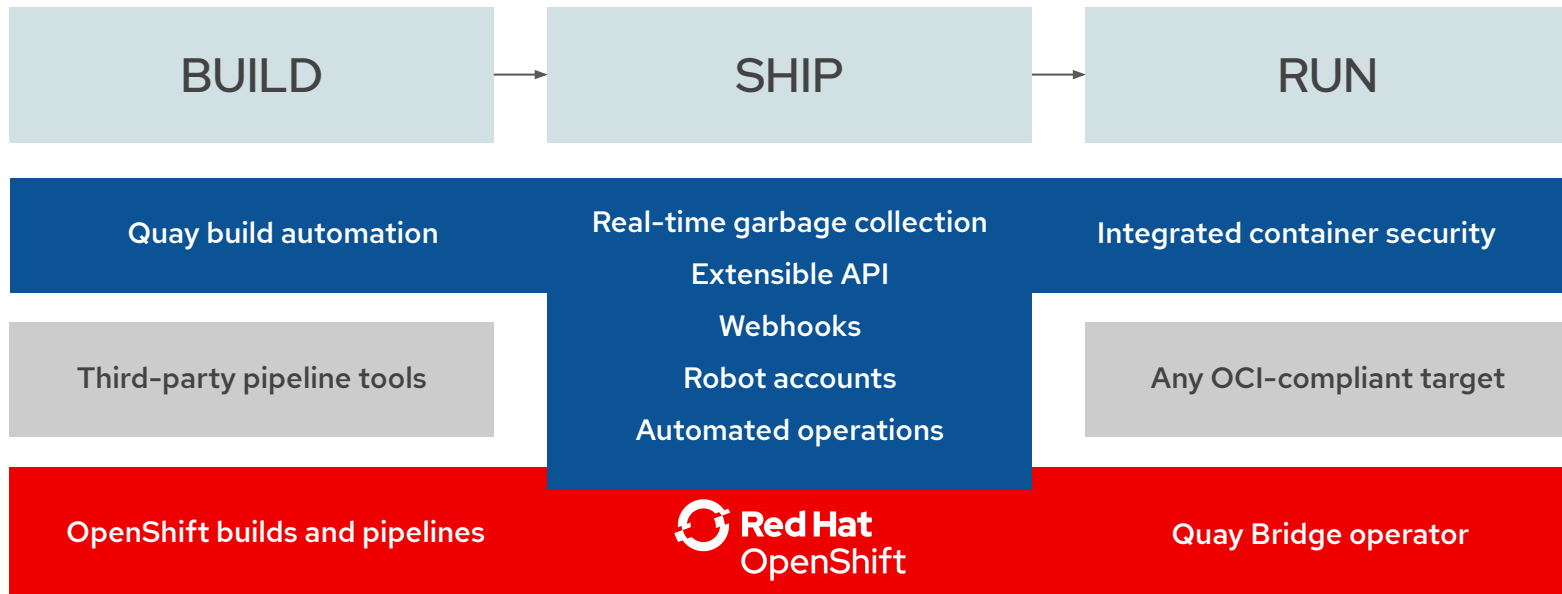
Alerting via Notifications or Webhooks to trigger actions

# Content (re)distribution across the globe



\* Quay connected but clusters only have access to Quay - full support for running Quay deployments in air-gapped environments planned for future releases of Red Hat Quay

## Integrate and automate

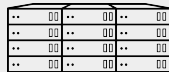


## Scalability (nearly) without limits



**From running on a developer laptop or standalone container host**

- Runs on any container runtime
- Easy to deploy and to get started with default settings
- Includes advanced features such as scanning and build automation



**Over running highly available on OpenShift on-prem or on public cloud**

- Built-in HA capabilities
- Deployment via Kubernetes operator
- Supports scale-out and scale-up
- Easy to integrate into existing workflows and toolchains

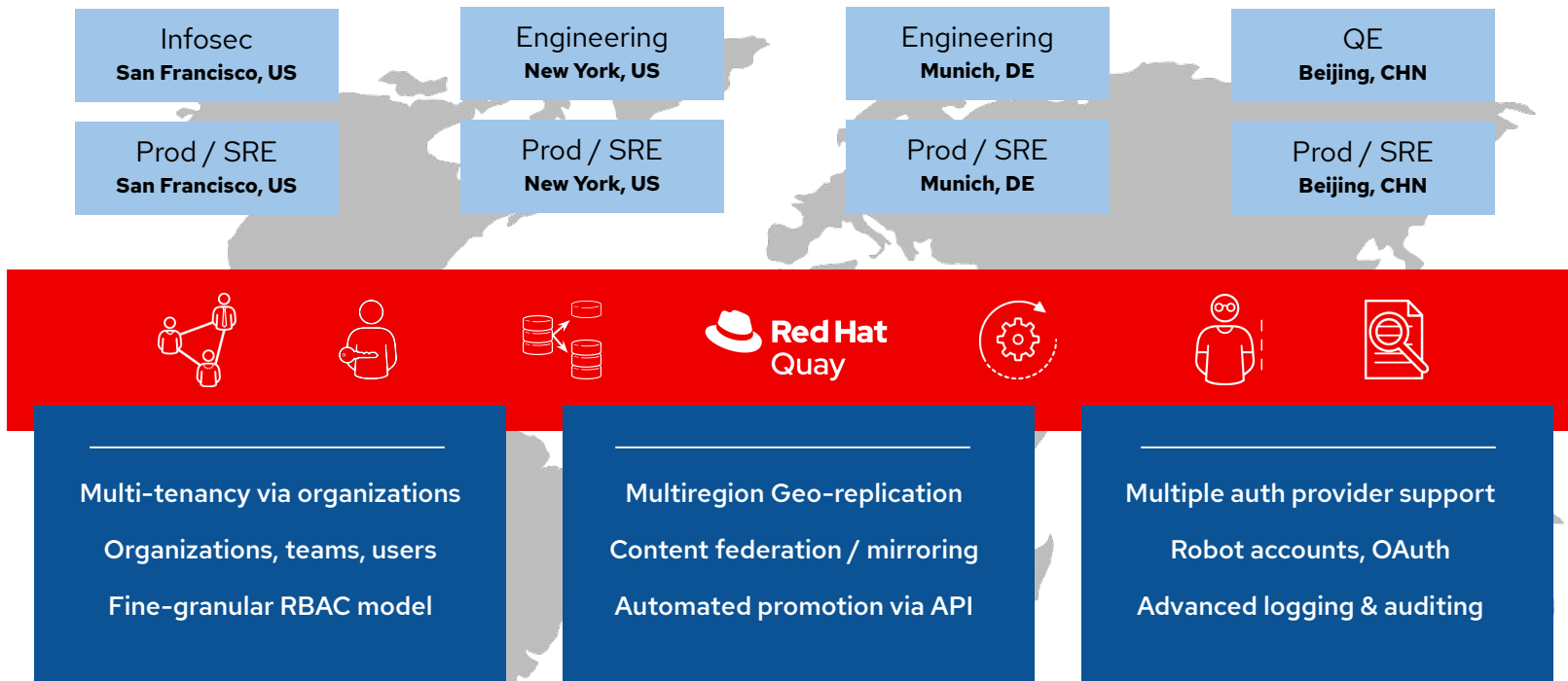


**Up to geographically dispersed setups across regions**

- Geo-replication for content across regions
- Repository mirroring for multi-registry content federation
- Organizations, teams and RBAC to align to your organization setup

**Tested at scale on Quay.io, one of the 3 largest registries**

## Supports large companies and organizations





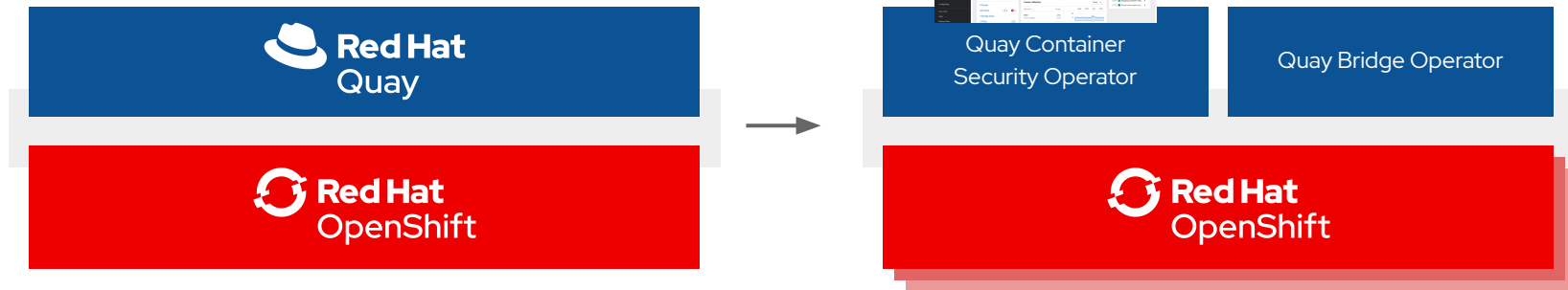
## Red Hat Quay works best with OpenShift

Red Hat Quay runs on any infrastructure  
but **runs best on OpenShift**

The **Quay Operator** ensures seamless deployment  
and management of Quay running on OpenShift

**CSO** brings Quay / Clair  
vulnerability data into the  
OpenShift Console

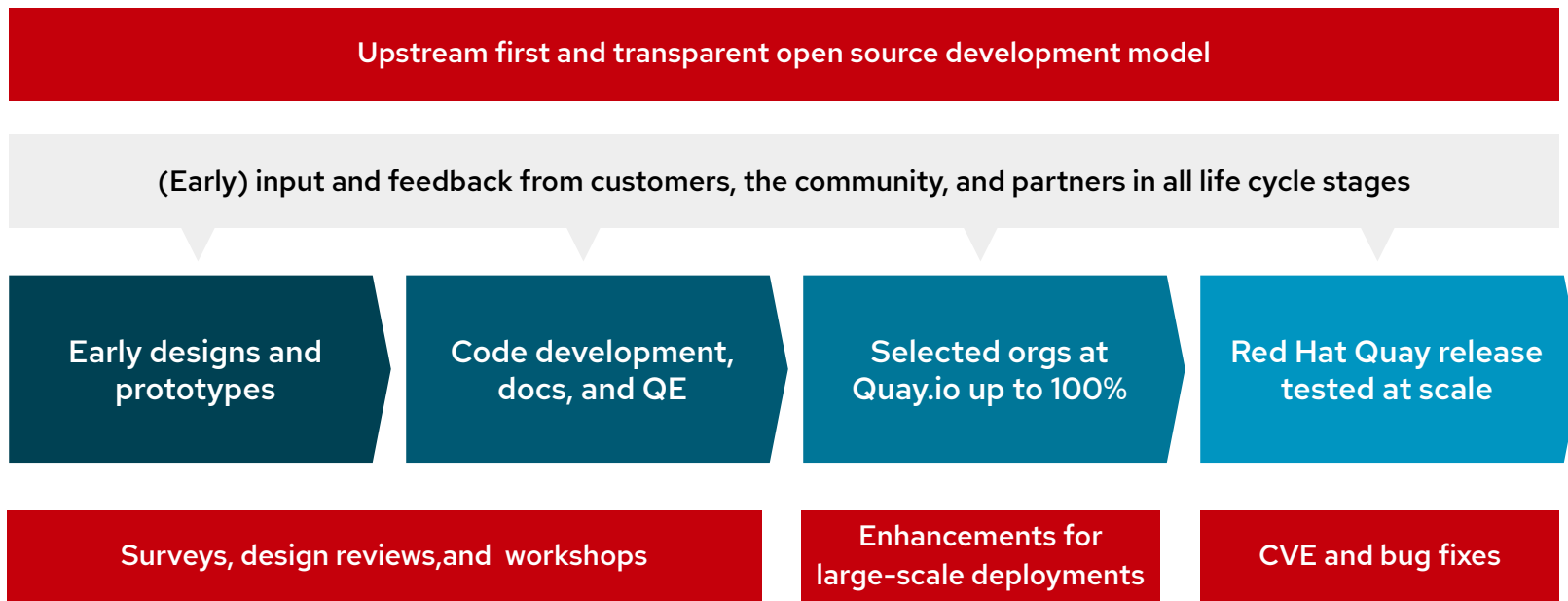
The **Quay Bridge  
Operator** ensures  
seamless integration and  
user experience for using  
Quay **with** OpenShift



Quay serves content to **one or many OpenShift clusters**, wherever they're running.

With or without using the OpenShift internal registry but leveraging all OpenShift capabilities.

## Continual innovation in collaboration with our community



# Strong open source, customer, and ecosystem community

Red Hat's mission: To be the catalyst in communities of customers, contributors, and partners creating better technology the open source way.

OPEN SOURCE

Creating better technology with open source

Red Hat is the largest open source company in the world. We build and support open source products from open source projects. We give back to the projects and communities we engage in. We defend open source licenses. With open source, we equip our customers for success.



COMMUNITY



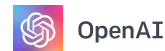
CUSTOMERS



ECOSYSTEM



the upstream project representing the code that powers Red Hat Quay and Quay.io



## Customers of all sizes trust Quay



Jet Propulsion Laboratory  
California Institute of Technology



OpenAI



solo.io



AUTODESK®



GOLF

Quay.io, the hosted offering of Red Hat Quay, uses the same code base to serve **tens of thousands of images per minute** to thousands of customers every day.

## What our customers are saying

### Ford Motor Company speeds development and delivery with Red Hat OpenShift



**Software and services**

- Red Hat® OpenShift® Container Platform
- Red Hat Quay
- Red Hat Consulting

**Partner**

Sysdig

Ford Motor Company seeks to provide mobility solutions at accessible prices to its customers, including dealerships and parts distributors who sell to a variety of retail and commercial consumers. To speed delivery and simplify maintenance, the company sought to create a container-based application platform to modernize its legacy stateful applications and optimize its hardware use. With this platform, based on Red Hat OpenShift and supported by Red Hat and Sysdig technology, Ford has improved developer productivity, enhanced its security and compliance approach, and optimized its hardware use to improve operating costs. Now, the company can focus on exploring new ways to innovate, from big data to machine learning and artificial intelligence.



Dearborn, Michigan, United States

**Headquarters**

**Automotive**

190,000 employees

**Benefits**

- Improved productivity with standardized development environment and self-service provisioning
- Enhanced security with enterprise technology from Red Hat and continuous monitoring provided by Sysdig
- Significantly reduced hardware costs by running OpenShift on bare metal

*"Kubernetes and OpenShift have really forced us to think differently about our problems, because we can't solve new business challenges with traditional approaches... We're now well-situated for future success."*

**Satish Puranam**  
Technical Specialist, Cloud Platforms,  
Ford Motor Company

Past experience with Kubernetes led Ford to adopt CoreOS Tectonic. When CoreOS was acquired by Red Hat, Ford migrated to Red Hat OpenShift Container Platform, a solution that enhanced the strengths of CoreOS's offering with new automation and security capabilities. Based on Red Hat Enterprise Linux®, OpenShift Container Platform offers a scalable, centralized Kubernetes application platform to help teams quickly and more reliably develop, deploy, and manage container applications across cloud infrastructure.

The company also implemented **Red Hat Quay** to create a centralized registry to host and secure all of its container images while offering protected, API-based access to partners and other third parties.

## What our customers are saying



“““

Red Hat Quay.io is easy to implement into DevOps toolsets, delivers efficient build and release time and can deal with millions of current container delivery requests at ease. **Using Quay has sped up our development and container management worldwide**, including follow-the-sun update strategies. With Quay.io, infinimesh is able to serve our customers worldwide in a fully automated deployment.

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**Alexander Alten-Lorenz**

Founder and CEO

**Infinite Devices, Inc.**



“““

At Solo.io, we use Red Hat Quay as our hosted registry to store and distribute the container images behind our products like Gloo, Service Mesh Hub and more. We can focus on building our products without spending time maintaining a registry. **Quay provides us with secure and efficient collaboration and insight into useful statistics** like downloads, versions and more.

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**Rick Ducott**

Director of Engineering

**Solo.io**

## One product, flexible purchasing models



Enterprise-grade  
container registry

- Full-featured enterprise product
- Runs both on-prem or on public cloud
- Deployed and operated via Kubernetes operators
- Flexible configuration options
- Maintained by the customer
- Premium Red Hat Support

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SELF-MANAGED



Hosted, multi-tenant  
SaaS offering

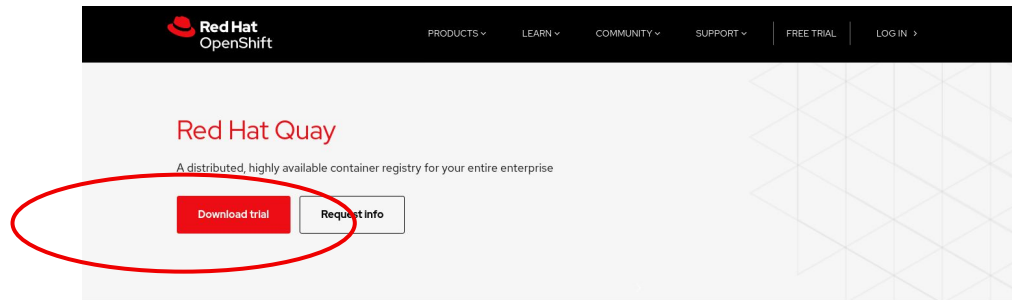
- Free unlimited public repositories
- Private repositories available via plans
- Self-service access
- Monthly credit card payment
- Maintained by Red Hat
- Support included in paid plans

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HOSTED SERVICE

# Try it out

<https://www.openshift.com/products/quay>



Red Hat® Quay container and application registry provides secure storage, distribution, and deployment of containers on any infrastructure. It is available as a standalone component or in conjunction with OpenShift.

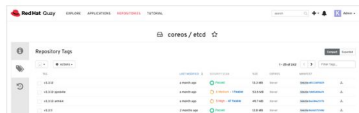
Secure granular management

Fast and robust at any scale

High velocity CI/CD

## Secure granular management

Complete control over who can access your containers, track changes, and automatically scan for vulnerabilities.



On all Quay product pages you can find an evaluation form which grants you access to the software for a 90-day trial.

Alternatively you can  
[sign up for free on Quay.io](https://quay.io)





# Thank you

Red Hat is the world's leading provider of  
enterprise open source software solutions.  
Award-winning support, training, and consulting  
services make  
Red Hat a trusted adviser to the Fortune 500.

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