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Maximize your investment

Complexity is the enemy of speed. Managing disparate tools can slow you down and increase risk. For example, why stitch together a security tool from vendor A, storage from vendor B, and management from vendor C when [Red Hat® OpenShift® Platform Plus](#) includes everything you need? With your subscription, you already have:

- ▶ [Red Hat Advanced Cluster Security for Kubernetes](#) - security for your entire lifecycle.
- ▶ [Red Hat Advanced Cluster Management for Kubernetes](#) - the control tower for your hybrid fleet.
- ▶ [Red Hat Quay](#) - a scalable private registry platform.
- ▶ [Red Hat OpenShift Data Foundation](#) - software-defined container storage.

When you use these components together, you shift from simply running containers to operating a fully automated, security-focused, and resilient application platform. You will be able to:

- ▶ **Automate security:** Stop worrying about manual compliance and use built-in guardrails to protect your data across every cluster, automatically.
- ▶ **Manage a thousand clusters as easily as one:** Get a single view of your entire hybrid cloud fleet so you can find and stop issues before they affect users.
- ▶ **Get your developers back to building, not fixing:** Remove the friction of registry management and security scans so your team can ship code faster.

This is your guide to maximizing the potential of the platform you already own.

Security: Red Hat Advanced Cluster Security for Kubernetes

Traditional security tools often lack visibility into container traffic, applying legacy firewall rules that do not understand modern microservices. [Red Hat Advanced Cluster Security](#) is different. It is Kubernetes-native, meaning it understands the context of your infrastructure—deployments, pods, and namespaces—providing security for your software supply chain from code to runtime.

Key capabilities:

- ▶ **Real-time interactive dashboard** lets you view key metrics from all of your hosts, containers, and services, providing deployment visibility.
- ▶ **Automated compliance checks** validate compliance based on industry standards—including CIS, NIST, PCI, HIPAA, and [other supported compliance profiles](#)—and audit your systems.
- ▶ **Vulnerability management** identifies and prioritizes vulnerabilities for remediation.
- ▶ **Policy enforcement** views policy violations and their causes—and takes corrective action.

To get hands-on with Red Hat Advanced Cluster Security, visit the [Red Hat Customer Portal](#), explore the [learning path](#), or try it without impacting your environment with a [60-day, no-cost trial](#).

Learn more about Red Hat Advanced Cluster Management by visiting the [Customer Portal](#), viewing an [interactive walkthrough](#), or starting a [60-day, no-cost trial](#).

Red Hat Advanced Cluster Security integrates directly into your continuous integration and continuous delivery (CI/CD) pipelines to detect and stop issues before they reach production. It does not just scan for vulnerabilities—it analyzes configuration risks, ensuring your clusters comply with industry or custom policies from Day 1.

How Safaricom cut deployment time from 2 days to 2 hours

[Safaricom](#), Kenya's leading communications provider, used Red Hat Advanced Cluster Security to bolster cybersecurity capabilities and enforce centralized policies. By moving to this cloud-native architecture, Safaricom:¹

- ▶ Increased platform stability to 99.98% (up from 93%).
- ▶ Reduced cluster deployment time from 2 days to just 2 hours.
- ▶ Accelerated time to market with a 2x faster turnaround for new solutions.

Management: Red Hat Advanced Cluster Management for Kubernetes

As your container adoption grows, so does your cluster count. Managing these clusters independently, across different environments, can create operational challenges, inefficiencies, and configuration drift. [Red Hat Advanced Cluster Management](#) provides a unified control plane to manage and operate your Kubernetes fleet—whether those clusters are OpenShift, EKS on Amazon Web Services (AWS), AKS on Microsoft Azure, GKE on Google Cloud Platform, or other CNCF-conformant Kubernetes distributions.²

Key capabilities:

- ▶ **Multicluster observability for fleet health and optimization** with dashboards stores historical data and provides customized metrics, detailed analytics, and automatic alerts.
- ▶ **Unified multicluster lifecycle management** lets you create, upgrade, and destroy Kubernetes clusters reliably, consistently, and at scale.
- ▶ **Configuration management with policy-based governance** continuously verifies and maintains optimal settings across IT domains.
- ▶ **Advanced application lifecycle management** uses placement rules integrated into existing CI/CD pipelines and governance controls.

While other offerings lock you into a specific infrastructure, Red Hat Advanced Cluster Management embraces the reality of the hybrid cloud—with flexibility. It allows you to centrally manage the lifecycle of clusters, enforce governance policies, and deploy applications across multiple clouds with a few clicks. It is the command center that turns a collection of isolated clusters into a coherent policy-based fleet.

¹ Red Hat press release, "[Red Hat Underpins Safaricom Cloud Transformation to Improve Mobile Experience and Financial Inclusion for Millions of Customers](#)." 3 March 2025.

² Refer to the [Red Hat Advanced Cluster Management support matrix](#) for details <https://access.redhat.com/articles/7133095>.

How Bradesco reduced cycle time by 88%

Bradesco, one of Brazil's largest financial groups, used Red Hat Advanced Cluster Management to transform its sprawling hybrid cloud environment into a centralized, automated system. This shift helped the bank:³

- ▶ Reduce its change cycle time by 88%—from 50 hours to just 6 hours.
- ▶ Successfully scale its infrastructure to 130 clusters.
- ▶ Eliminate configuration drift by managing 100% of settings through code and providing self-remediation for policy violations.

Private container registry: Red Hat Quay

Your container images are the blueprints of your business. Red Hat Quay is a high-availability, resilient container registry that stores, builds, and deploys your container images with powerful access and authentication settings that you control. Unlike standard cloud registries that lock your content to a specific region, Quay offers global scale.

Key capabilities:

- ▶ **Continuous vulnerability scanning** helps you identify and patch security risks before the container is deployed to production.
- ▶ **Scalable geo-replication** allows a single registry to be distributed across multiple regions or datacenters with a single entry point to users.
- ▶ **Granular access control and enterprise authentication** gives you strict governance over who can view, push, or delete images.
- ▶ **The “time machine” feature** protects against accidental deletion, allowing administrators to view the history and revert changes if needed.

With Quay, you gain a single source of truth for your content. Geo-replication ensures that developers in London pull images from a local node while developers in Tokyo pull from theirs—all synchronized automatically. Critical applications are globally available and resilient, allowing you to accelerate your cloud-native operations with confidence and security.

How Georgia Tech increased collaboration and sped development

Georgia Tech's College of Engineering used Red Hat Quay for its high-performance computing department, allowing them to:⁴

- ▶ Increase research collaboration across teams.
- ▶ Ensure that researchers used safe, verified containers and packages for their diverse workloads, including AI projects.

To learn more about Red Hat Quay, visit the [customer portal](#), watch a [video walkthrough](#), or get hands-on with a [60-day, no-cost trial](#).

³ Red Hat case study. “Bradesco transforms its IT ecosystem using Red Hat’s integrated solutions.” 7 Nov. 2025.

⁴ Red Hat case study. “Georgia Institute of Technology advances with open source.” 18 July 2023.

- ▶ Accelerate innovation with new research app deployments in as little as 2 months.
- ▶ Maintain the high availability required for critical, web-based research databases.

Persistent storage: Red Hat OpenShift Data Foundation

Applications are portable, but data is heavy. Red Hat OpenShift Data Foundation solves the “data gravity” problem by providing persistent, software-defined storage that runs on Red Hat OpenShift. It abstracts the underlying infrastructure—whether it is AWS EBS, vSphere disk, or bare metal—providing a consistent storage interface for your developers.

Key capabilities:

- ▶ **Storage for trusted enterprise Kubernetes** supports diverse workloads, multicloud object gateway functionality, and business continuity.
- ▶ **Data protection and resiliency** includes support for essential features like replication, data placement across different availability zones, and backup and restoration services for Kubernetes applications.
- ▶ **Consistent functionality and user experience** across all hybrid cloud platforms increases developer productivity and simplifies processes.
- ▶ **Application and data modernization** with support for Red Hat OpenShift Virtualization allow you to run your existing apps alongside your cloud-native apps—all on a single platform.

Traditional storage appliances are rigid and expensive. Cloud-native storage is flexible but can lock you into a single vendor. OpenShift Data Foundation gives you data independence. It provides file, block, and object storage that follows your applications wherever they go, ensuring that the open hybrid cloud is truly open.

How Tanobel achieved zero downtime

[Tanobel](#), an Indonesian food and beverage manufacturer, used Red Hat OpenShift to modernize its IT infrastructure. OpenShift Data Foundation was key to its success, providing critical resilience and data availability. It helped the company:⁵

- ▶ Prevent data loss or performance degradation during hardware failures.
- ▶ Ensure zero downtime for their operations with self-repairing containerized applications.
- ▶ Lower the risk of ransomware attacks due to regular security updates.

To learn more about Red Hat OpenShift Data Foundation, visit the [Customer Portal](#), watch a [video walkthrough](#), or start a [60-day, no-cost trial](#) to test the technology.

⁵ Red Hat case study, “[Tanobel modernizes applications and preserves legacy investments.](#)” 10 Oct. 2024.

Get the most out of your Red Hat OpenShift Platform Plus subscription

Many organizations struggle with tool sprawl—buying separate storage, security, and management tools that never quite integrate perfectly. With OpenShift Platform Plus, this integration work is already done for you. When you fully activate your subscription, you transition from managing clusters to building a cohesive hybrid cloud strategy.

Visit the [Red Hat Hybrid Cloud Console](#) today to see which components are ready to be deployed in your environment. Or, reach out to your account team to discuss how to uncover additional value in your subscription.



About Red Hat

Red Hat helps customers standardize across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with [award-winning](#) support, training, and consulting services.

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