Portworx Enterprise: Run Kubernetes in Production

Deploy Kubernetes Apps with Elastic Scalability, Unmatched Availability and Self-service Access to Any Storage with Portworx Enterprise and Red Hat OpenShift®

As enterprises continue to run their mission-critical Kubernetes-based applications in production, they face **multiple challenges** with Kubernetes data storage, including:

Slow app development

Platform and DevOps teams struggle to onboard apps and often take the CSI "connector" approach to access the infrastructure, leading to high developer wait time and poor quality of experience.

Operational complexities

Specific hardware lock-in hampers the ability to move the apps across on-prem and cloud environments - the SREs/DevOps also require specialized skills to operate that infrastructure.

Lack of data availability

Mission-critical K8s apps require data availability and resiliency during failure of the underlying infrastructure and outages.

Benefits of Portworx Enterprise and Red Hat OpenShift:

Drive Scalability, Availability, and Performance

Make Your Storage Developer-Ready. Flexibility of infrastructure (on-prem/cloud) enhances developer agility, enabling self-service access to any storage or data services and cloud data portability.

Maximize Apps Performance

Ability to run mission-critical applications in production with the best performance and on-demand scalability.
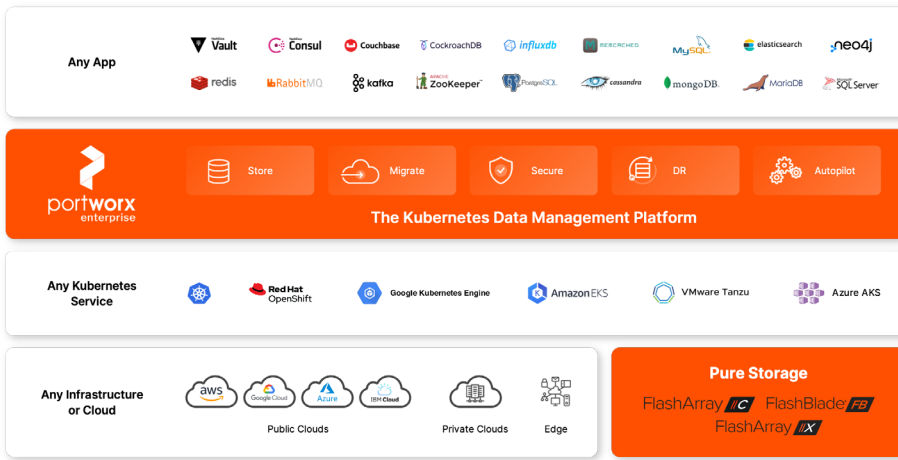
Ensure Business Continuity

Zero RPO disaster recovery across data centers reduces the failover time to seconds, making your Kubernetes environment highly available, fault tolerant, and resilient.

Joint Customer Spotlight: Royal Bank of Canada

Royal Bank of Canada wanted to take advantage of the benefits they saw in Kubernetes with Red Hat OpenShift. However, they were not able to meet strict availability requirements with just Kubernetes. With Portworx Enterprise and Portworx Disaster Recovery, they were able to achieve Zero RPO and an RTO of less than two minutes with no data loss. Without Portworx's disaster recovery capabilities, Royal Bank of Canada would not have been able to ensure availability and deploy their application on OpenShift.

Portworx Enterprise is the complete multi-cloud ready Kubernetes Data Management Platform, enabling the enterprises to run mission-critical K8s apps in production, with elastic scalability, unmatched availability and self-service access to any storage. Used in conjunction with Red Hat OpenShift, organizations can scale simply and securely in distributed core, edge and cloud IT environments.

Top Use Cases for Portworx Enterprise and Red Hat OpenShift

Cross-Cloud Data Migration

Enable data mobility for Kubernetes applications, allowing migration of applications, data, and configuration information between clusters across hybrid and multi-cloud environment.

Disaster Recovery

Enable application-aware zero data loss and fast recovery for mission critical apps running on Kubernetes using synchronous or asynchronous data replication.

Data Management

Monitor and provide scalable, persistent storage for K8s anywhere - whether the core, edge and/or cloud IT environments.

Portworx Enterprise Key Capablities

- Scalable persistent storage for K8s apps across any environment (on-prem/cloud)
- Centralized monitoring, metrics and data management interface that simplifies multi-cluster/site management

- Security with encryption and access controls
- Migration to move cloud native applications across clusters, racks, and clouds easily with snapshot-based backup to any cloud

- Autopilot for capacity management
- Zero RPO disaster recovery across data centers ensuring resiliency and uptime of applications

About Portworx and Red Hat

Portworx is the #1 leader in Kubernetes storage and data management,* trusted in production by the world's leading enterprises. Red Hat is the world's leading provider of enterprise open source solutions—including Linux, cloud, container, and Kubernetes. Red Hat delivers hardened solutions that make it easier for enterprises to work across platforms and environments. Together, Portworx and Red Hat help customers simplify workload management in distributed core, edge and cloud IT environments. Joint customers realize many benefits including increased agility, performance and security.

*Source: 2022 GigaOm Radar for Cloud-Native Kubernetes Data Storage.

For pricing and more details, visit **portworx.com/red-hat-openshift**