



# Top 5 reasons to choose Portworx for Red Hat OpenShift

As enterprises scale Kubernetes applications into production, many are running into data storage challenges that can lead to slow application development, operational complexity, and lack of data visibility.

Portworx and Red Hat work together to help you operate, scale, and protect Kubernetes applications and databases anywhere with just a few clicks.

## 1 100% self-service

With Red Hat® OpenShift® and Portworx, databases, environments, and tools for developers and administrators are 100% self-service.

- ▶ Boost developer productivity with self-service, one-click deployment, operation, and scaling of multiple databases and Kubernetes storage.
- ▶ Empower developers with complete ownership over their applications with self-service access to any storage running on-premise or across clouds.
- ▶ Give admins self-service access to centralized management for single-click backup and restore.
- ▶ Reduce dependence on IT for developers.
- ▶ Free up IT resources for other tasks.

## 2 Build anywhere

Build and run Kubernetes applications across hybrid cloud, multicloud, on-premise, and edge environments no matter where they run.

- ▶ Boost management efficiency in distributed on-premise, cloud, and edge IT environments.
- ▶ Build and run anywhere with one-click deployment and operation of databases and Kubernetes storage.
- ▶ Support hybrid and multicloud operations with application portability between cloud, on-premise, and edge Kubernetes environments.

- ▶ Migrate workloads from one Red Hat OpenShift cluster to another or one site to another with full Kubernetes and application-level awareness.
- ▶ Move applications—including stateful applications—between any cloud, on-premise, or edge environment without changing the developer experience.
- ▶ Back up applications in one environment, region, or cluster and restore them in another—even if they're not Portworx volumes.
- ▶ Monitor and provide scalable, persistent storage for containers anywhere.

## 3 Run at scale

Portworx provides scalable and cloud-native storage for containerized applications running on Red Hat OpenShift so you can scale any application, stateless or stateful.

- ▶ Run containerized applications in production with the performance and on-demand scalability you need to support unpredictable business demands.
- ▶ Scale Kubernetes in production within days instead of months with on-demand access to storage.
- ▶ Scale compute more efficiently by being able to attach hundreds of container volumes to specific servers.
- ▶ Provide a single pane of glass for data services to make management at scale more efficient for platform teams.
- ▶ Optimize existing storage arrays by intelligently provisioning storage on demand.



## 4 Operate cost effectively

Run on any cloud without locking into proprietary and costly cloud-specific services, and use resources only when needed.

- ▶ Make upgrades more efficient and automate time-consuming, manual processes that slow lead times and increase operational costs.
- ▶ Auto-scale storage as applications grow to reduce costs.
- ▶ Optimize infrastructure and costs with the ability to optimize existing storage arrays and intelligently provision storage on demand.
- ▶ Reduce downtime that can cost hundreds of thousands to millions of dollars.<sup>1</sup>
- ▶ Reduce cloud storage costs by up to 60% for Kubernetes data and applications.<sup>2</sup>

### Learn more

Explore [Portworx for Red Hat OpenShift](#).

## 5 Remain in control

Red Hat and Portworx help you retain control of your data no matter where it lives.

- ▶ Deliver application programming interface (API)-driven, self-service access to developers while maintaining central control over policies, access, and resource usage.
- ▶ Gain enterprise-level control to meet compliance and governance requirements—from role-based access controls to 3-2-1 rule support.
- ▶ Eliminate lock-in and maintain control with the ability to easily move applications between clusters for hybrid and multicloud availability.
- ▶ Move with a focus on security, at the speed of Kubernetes, with container-granular encryption and access controls.

<sup>1</sup> *Annual Outages Analysis 2023*, Uptime Institute, accessed March 2023.

<sup>2</sup> *The Kubernetes Data Services Platform*, Portworx, accessed May 2023.



### 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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