Seamless Disaster Recovery with OpenShift and Portworx

You're investing millions to create a consistent, seamless experience across public and private clouds with OpenShift. But you can't ignore data. Your applications have strict SLAs related to disaster recovery, reliability and security that require enterprise-class cloud native storage and data management. The Portworx Enterprise Storage Platform was purpose-built for containers and Kubernetes, giving you the ability to run mission-critical, stateful applications on OpenShift without compromising your business requirements.

Recover seamlessly. Set up zero-RPO, low-RTO disaster recovery for a pod or an entire Kubernetes namespace with only two commands.

Operate at enterprise scale. Get the same scalability for data that Kubernetes provides for compute. Easily create thousands of volumes in minutes.

Move data seamlessly between on-prem & the cloud. Escape data gravity and access data wherever you need it.

Meet your SLAs. With Kubernetes-integrated disaster recovery, high availability and tuneable performance, the Portworx Enterprise Storage Platform makes it possible to run stateful applications on OpenShift and still meet strict SLAs and regulatory requirements.

Get more out of your data. Portworx simplifies data access and analysis using leading open-source SQL, NoSQL, Big Data and AI/ML technologies running on OpenShift without requiring central IT to give up control.

Secure data automatically. Minimize security risks with automatic policy-based data encryption in transit and at rest as well as complete role-based access controls integrated with corporate authentication systems.

What Red Hat has to say about Portworx

" To help customers get the most out of Red Hat OpenShift Container Platform, we work closely with leaders in the field that provide scalable and complementary solutions for apps in the hybrid cloud. Portworx demonstrates both of these as a valued member of our technology partner ecosystem.

Mike Werner
Senior director, Global Technology Partners, Red Hat

## We're proud to serve some of the world's most sophisticated enterprises

Seamless Disaster Recovery on OpenShift

Traditional disaster recovery solutions are designed for application architectures with one application per virtual machine and don't provide easy backup and recovery for containerized applications with distributed architectures. Portworx's disaster recovery is container-granular, Kubernetes namespace-aware and application consistent, providing zero-RPO, low-RTO disaster recovery for containerized applications on OpenShift. Portworx backs up both data and application configuration—complete recovery after a failure requires only a single OpenShift command.

PX-DR: provide instant failover protection for OpenShift across data centers

Data Center 1   Data Center 2
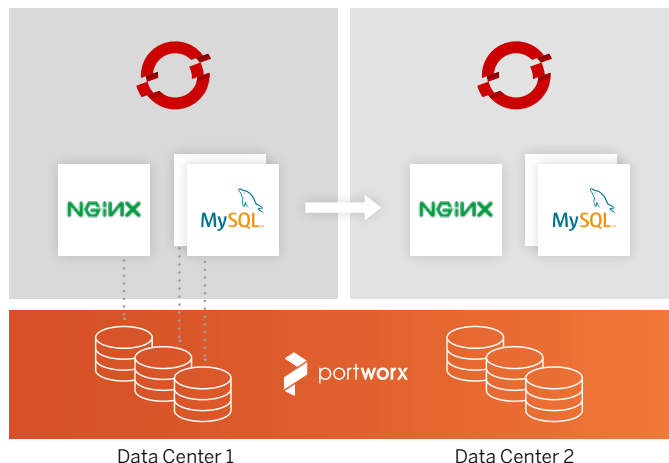
Be Ready for Day 2

OpenShift ensures high availability, continual monitoring and mobility between environments for your compute resources—but when you're running mission-critical applications, you need the same functionality for your data. The Portworx Enterprise Storage Platform provides the performance, high availability and security needed to run mission-critical, stateful applications in the hybrid cloud, while still providing the mobility needed to move between environments.

The Portworx Storage Platform for Kubernetes

PX-Store is persistent storage optimized for containers. PX-Store transforms your underlying hardware or public cloud storage infrastructure into a cluster-wide storage pool for all your applications running on Kubernetes.

On top of the scalable, enterprise-class, persistent storage layer **PX-Secure** provides encryption and role-based access controls, **PX-Migrate** provides data mobility and backups optimized for Kubernetes, **PX-DR** ensures zero RPO disaster recovery and continuous global backups, and **PX-Autopilot** provides storage automation that lets you slash your storage costs in half.

PX-Central is the user interface that sits on top of the rest of the Portworx data platform. PX-Central provides a single pane of glass to get complete monitoring and metrics on your data rich applications running on Kubernetes, regardless of whether they are running on-premise or in the public cloud.

Learn more at portworx.com