portworx
by Pure Storage

Guarantee Your Cloud Native Success with the Portworx Data Services Platform for Kubernetes

Portworx is the most complete platform for persistent storage, data availability, data protection, and more for Kubernetes-based applications running on-prem or across clouds.

Portworx is the Kubernetes Data Services Platform enterprises trust to run mission-critical applications in containers in production. Only Portworx provides a fully integrated solution for persistent storage, data availability, data protection, data security, cross-cloud and data migrations, and automated capacity management for applications running on Kubernetes. As a result, Portworx is the #1 most used Kubernetes data services platform by Global 2000 companies, including Carrefour, Comcast, GE Digital, Kroger, Lufthansa, and T-Mobile.

We're proud to serve the world's most sophisticated enterprises and more...

COMCAST · T-Mobile · GE Digital · Kroger · Lufthansa Systems

Explore the Portworx Enterprise Storage Platform for Kubernetes

PX-Store

Scalable persistent storage for Kubernetes

Built from the ground up for containers, PX-Store provides cloud native storage for applications running in the cloud, on-prem, and in hybrid/multi-cloud environments. PX-Store includes:

- Container-optimized volumes with elastic scaling for no application downtime
- High Availability across nodes/racks/AZs so you can failover in seconds
- Multi-writer shared volumes across multiple containers
- Storage-aware class-of-service (COS) and application-aware I/O tuning
- And much more...

PX-Migrate

Multi-cloud data mobility at your fingertips

Easily move entire applications across clusters, racks, and clouds. PX-Migrate includes:

- Multi-cloud/multi-cluster application migrations
  - Snapshot-based backup to any cloud
  - Application-consistent snapshots

PX-Autopilot for Capacity Management

Stop overprovisioning cloud storage

PX-Autopilot for Capacity Management allows you to stop over-provisioning storage capacity in the cloud so you can cut your cloud storage bill in half. PX-Autopilot includes:

- The ability to automatically resize individual container volumes or your entire storage pools
- Rules-based engine with customization capabilities so you can optimize your apps based on performance requirements
- Amazon EBS, Google PD, and Azure Block Storage integrations

PX-Backup

What backup for Kubernetes should be

PX-Backup allows you to capture entire applications, including data, application configuration, and Kubernetes objects, and move them to any backup location at the click of a button. Recover entire applications just as easily. PX-Backup includes:

- Continuous backups across global data centers
- Point-and-click recovery for any Kubernetes app
- Backup and recovery of cloud volumes from Amazon, Microsoft, and Google
- Fulfilling your compliance and governance responsibilities with a single pane of glass for all your containerized applications

PX-DR

Data protection for mission critical apps

PX-DR extends the data protection included in PX-Store with Zero RPO Disaster Recovery for data centers in a metropolitan area as well as continuous backups across the WAN for an even greater level of protection. PX-DR includes:

- Multi-site synchronous replication for Zero RPO DR across a metro area
- Multi-site Asynchronous Replication for DR across a wide area network (WAN)
- Ability to set all DR policies at the container-granular level

PX-Secure

Container data security without compromise

With PX-Security encryption and access controls, you can move securely at the speed of Kubernetes. PX-Secure includes:

- Cluster-wide encryption
- Container-granular or storage-class based BYOK encryption
- Role-based access control for
  - Authorization
  - Authentication
  - Ownership
- Integrates with Active Directory and LDAP