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.

Any App
DATABASE · ANALYTICS · STREAMING · SEARCH/LOG · 5G/IoT · AI/ML
cassandra · MySQL · Spark · kafka · elastic · Solr · TensorFlow
Couchbase · CLOUDERA · RabbitMQ · splunk> · PyTorch

Any kubernetes **Distribution**
OPENSHIFT · Amazon EKS · GKE · AKS · Tanzu

portworx by Pure Storage

The industry's leading **Kubernetes Data Services Platform** for building, automating, protecting, and securing Cloud Native applications.

Any Cloud
aws

Any Infrastructure
Bare Metal · vmware · IBM · DELL · Hewlett Packard Enterprise · NetApp · PURE STORAGE

Every Stage
Pilot · Test/Dev · Go Live · Global CaaS

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

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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

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