portworx enterprise

Run Kubernetes in Production

Deploy Kubernetes Apps with Elastic Scalability, Unmatched Availability and Self-service Access to Any Storage

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

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.

Portworx Enterprise is the complete multi-cloud ready Kubernetes Storage Platform, enabling enterprises to run mission-critical K8s apps in production, with elastic scalability, unmatched availability and self-service access to any storage

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.

Optimize Infrastructure Costs

Reduces cloud storage costs by 50% or more for Kubernetes data and applications.

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by Pure Storage
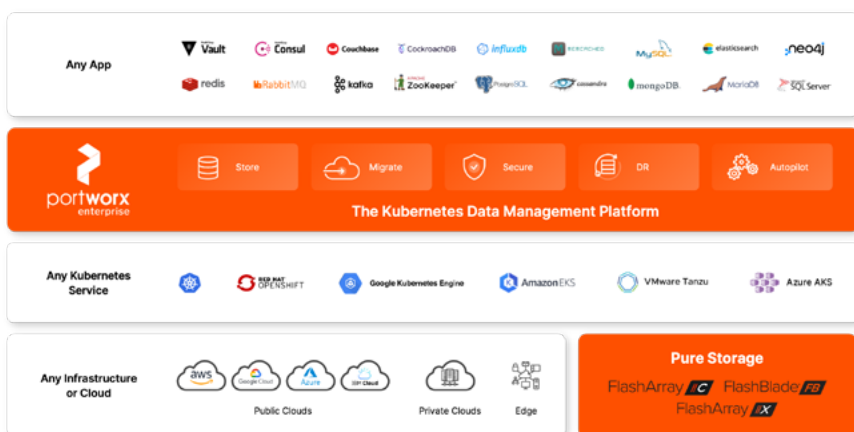
Top Deployment Scenarios Portworx Enterprise is Used For

'Anything'-as-a-Service

Architect a K8s based as-a-Service (Container as a Service, SaaS, multi-tenant Paas) platform to enable the developers to build, update, and scale enterprise apps faster and efficiently, requiring automated operations, data mobility, backup and disaster recovery, and data security, all without burdening the already thinly-stretched SRE team.

Disaster Recovery

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

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 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
- Application I/O control to control IOPS/BW to solve noisy neighbor problems for applications deployed in multi-tenant setups
- Volume Trashcan to prevent users from accidentally deleting volumes with an option to archive them

What Our Customers Say…

"GE's Predix is the leading platform for the Industrial IoT, supporting GE's core business verticals such as aviation, power and healthcare, as well as the manufacturing space," said Darren Haas, head of platform engineering, GE Digital. "Portworx has been supporting our Predix Cloud container platform for over a year. We are now expanding Predix to run in our customers' data centers, and following an initial positive experience with Portworx, PX-Enterprise will also provide the flexible cloud native storage layer for containers in those environments."

Darren Haas,
Head of Platform Engineering
GE Digital

"Our Kubernetes environment relies on multiple SQL and NoSQL databases. We compared many cloud native storage solutions in order to provide the most reliable, performant and available service to our customers. After a rigorous evaluation, we chose Portworx not only because their technology is top notch, but because we can count on the Portworx team to support us through our cloud native journey."

Alan Martins,
VP of Infrastructure
dailymotion

"At the end of the day, the combination of Pure and Portworx really just lets us sleep at night without having to worry about things."

Joe Searcy,
Technical Staff
T Mobile

"Portworx is one of the few technologies that brings the convenience and flexibility of traditional storage to the containerized world."

Lance Allred,
IT Infrastructure Manager
DATASCAN

For pricing and more details, visit **portworx.com**

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