



DATA SHEET

Professional Services for Portworx

Get expert assistance in designing and implementing persistent storage on Kubernetes.

Enterprise applications running on Kubernetes have non-negotiable business requirements like high availability, data security, backup and disaster recovery, strict performance SLAs, and hybrid/multi-cloud operational considerations.

Portworx® from Pure Storage® provides a purpose-built, enterprise-class container storage infrastructure for Kubernetes-based platforms. This infrastructure includes a scalable, redundant, automated, and distributed storage layer that allows for deploying stateful containerized applications efficiently. Application data migration, snapshots, data backups, topology awareness, and other enterprise features make Portworx an invaluable technology for organizations with application containerization projects.

The End-user Experience

Design and implementation services can assist your teams in providing persistent storage solutions in Kubernetes. With our Portworx services, you'll be able to add persistent storage functions to your Kubernetes-based applications quickly and at scale. You will also build strength and agility in your DevOps team. Pure Storage Portworx services come in three flexible offerings: PX-Single Cluster Installation, PX-Health Check, and PX-Design and Operational Readiness. The goal is to uncomplicate how your IT and DevOps teams work to take advantage of your data and applications.

Highlights

- Persistent storage solution for Kubernetes-based applications
- Design and operational readiness to help DevOps teams get apps scaled up.
- Reduced time to value

Flexibility

- Flexible offerings including installation, health check, and design and operational readiness engagements.
- Work with Pure Services to implement according to your schedule.

Outcomes

- Installed and validated Portworx environment
- Persistent storage solution including disaster recovery
- Recommended practices and automation to ease deployment
- Strengthened DevOps team via collaboration and knowledge transfer

PX-Single Cluster Installation Service

This service includes two capabilities: an installation planning workshop and an installation service.

Installation planning workshop: This workshop provides an overview of the Portworx solution and prepares the participants for operating and administering the system.

Portworx single cluster installation service: Pure Professional Services provides the installation of Portworx on a single Kubernetes cluster, an example database deployment validation, and a written report detailing the configuration of that installation.

PX-Health Check Service

Pure Professional Services will work with your experts to analyze an existing Portworx installation by assessing feature adoption and deployment and validating your operational processes and configurations with a comprehensive set of best practices and recommendations.

Portworx Design and Operational Readiness Bundles

Our approach enables your team to start leveraging Portworx quickly and efficiently with automations, knowledge sharing sessions, and best practice advice.

PX-Enterprise®: The PX-Enterprise service is a fixed-scope offering that provides a simple enablement path to deploy Portworx storage solutions onto a single, existing Kubernetes cluster of up to 20 nodes. During the service, our engineers will collaborate with your team to extend an existing Kubernetes-based container management platform with persistent storage functionality. We will develop automation to deploy Portworx on your Kubernetes-based cluster, provide a knowledge sharing session on how to use it, and advise you on best practices for implementing Portworx on Kubernetes or the Red Hat OpenShift platform.

PX-DR: The add-on PX-DR service is a fixed-scope service for enterprise service customers designed to complement and extend the PX-Enterprise Design and Operational Readiness Service for environments comprising of a second Kubernetes cluster of up to 20 nodes within a metropolitan area network of fifty miles. During the service, our engineers will help your team to set up synchronous replication of Kubernetes volumes and demonstrate the failover of a single non-production application. We will conduct a knowledge-sharing session on how to use PX-DR and advise you on replication best practices.

PX-Backup: The PX-Backup service is a fixed-scope offering that gives you a simple path to deploy Portworx data protection solutions. During the service, our engineers will help your team to implement a stateful application backup solution using PX-Backup functionality for applications running on a Kubernetes cluster with Portworx Enterprise as a storage layer. The service allows integration with an S3-enabled object storage platform (such as Pure Storage FlashBlade®). We will show you how the solution works using a non-production stateful application and performing policy-based backup and recovery operations.

Advanced PX-Enterprise Deployment

The PX Enterprise Advanced Deployment Service allows you to customize your service to meet your needs for enabling production readiness of Portworx storage solutions in any environment. Our engineers help you design and implement complex solutions spanning multiple Kubernetes implementations across private and public cloud systems, using features such as PX-DR, PX-Migrate, PX-Autopilot, and PX-Secure.



How to Order

The fixed-scope Design and Operational Readiness Bundles can be used as starter bundles for Portworx deployment in a single cluster of up to 20 Kubernetes nodes. The Advanced Portworx capabilities are suitable for complex deployments within architectures of multiple clusters using features such as PX-DR and PX-Backup. Advanced services are custom-scoped and can be quoted by your account representative.

Service Offering	Service SKU	Use Case
PX-Single Cluster Installation Service	PS-PX-SINGLE-CLUSTER-INSTALLATION	A fixed-scope bundle that includes an installation planning workshop and an installation service
PX-Health Check Service	PS-PX-HEALTHCHECK-SERVICE	A fixed-scope service to analyze an existing Portworx installation's feature adoption and best practice compliance
PX-Enterprise Design and Operational Readiness Service	PS-PX-ENT-DOR-SERVICE	A fixed-scope enablement package for PX-Enterprise (excluding DR)
PX-DR Design and Operational Readiness Service	PS-PX-DR-DOR-SERVICE	A fixed-scope add-on package for PX-DR (requires Enterprise)
PX-Backup Design and Operational Readiness Service	PS-PX-BACKUP-DOR-SERVICE	A standalone, fixed-scope enablement package for PX-Backup
PX-Enterprise Advanced Deployment Service	PS-PX-DEPLOYMENT-SERVICE-ADVANCED	Custom-scoped services for Portworx integration

For ordering information contact your local Pure sales representative or visit www.purestorage.com.

About Pure Services

As an integral part of the Pure Customer Experience (CX) team, we engage with your organization throughout your journey to transform your data services. Whether you are planning your next-generation storage system, need specialized know-how for major storage deployment, or want to optimize the investment in your digital transformation, Pure Services and our Pure authorized resellers have the expertise to assist. Discover how your IT environment can achieve the outcomes that matter most to your business. Contact your local Pure sales representative or visit www.purestorage.com.

All Pure Services are subject to the terms of the [Professional Services Addendum](#) which forms part of and supplements the [Pure End User Agreement](#) (or other written agreement covering the same subject matter executed by Pure).

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