Everpure | Performance, Education, And Knowledge

Course description / Instructor-led and Virtual Instructor-led

Portworx® Deployment Specialist

Course Description

This course prepares learners to plan, design, install, validate, and operate Portworx on Red Hat OpenShift. It covers platform architecture, infrastructure and network prerequisites, storage design, FlashArray™ and FlashBlade® integration, security, certificates, disaster recovery, automation, lifecycle management, monitoring, and observability. The course reinforces implementation workflow through multi-cluster installation, Async DR configuration, and automated storage-pool expansion.

Course Benefits

Learners gain the practical knowledge to design and execute reliable Portworx implementations, adapt core concepts to platform-specific environments, and validate deployments in production-oriented scenarios. They also build operational confidence by applying disaster recovery, automation, upgrade planning, and monitoring practices.

Intended Audience

- Advanced Services Architects and IT Professionals who install and implement Portworx

Course Type

- VILT, ILT

Duration

- 6 hours or (1 day)

Prerequisites

Everpure Certified Portworx® Enterprise Professional

Course Outline

During this course you will learn:

- Introductions

Portworx on OpenShift architecture

- OpenShift deployment model
- Virtualization context

Planning and prerequisites

- Infrastructure prerequisites
- Network requirements
- Registry
- etcd
- Licensing requirements

Storage and infrastructure design

- Devices and pools
- FlashArray and FlashBlade integration
- iSCSI vs FC
- Dynamic pools

Installation and validation

- Deployment workflow
- Validation

Security and certificates

- Security by default
- TLS and certificate management
- Secrets, encryption, and secure storage

Disaster Recovery

- Admin namespace
- Async DR
- Metro

Automation and lifecycle management

- Installation via Helm chart
- Autopilot and capacity automation
- Snapshot schedules

Monitoring and observability

- Prometheus stack
- Pure1®
- OpenShift console plugin

Timeline of a Deployment

- Flow chart of typical planning and deployment timeline
- Installation planning documentation

Visit Our Site | 800.379.PURE

©2026 Everpure, the Everpure P Logo, Pure Storage, and the marks in the Everpure Trademark List are trademarks or registered trademarks of Everpure, Inc. or its licensed subsidiaries in the U.S. and/or other countries. The Trademark List can be found at everpuredata.com/trademarks. Other names may be trademarks of their respective owners.

Published Date: 10/26