

COURSE DESCRIPTION

Portworx Fundamentals

The Portworx Fundamentals course is designed for Kubernetes DevOps teams that will be admins of the container orchestration and data management platforms. Portworx Fundamentals targets a high-level understanding of concepts and utilizes a lab environment so that you can practice what you have learned while also preparing you for the certification exam, which is available upon completion of the training.

Course Benefits

Portworx Fundamentals is designed for those who are new to Portworx to get you started. Learn about the Portworx architecture, getting started, core concepts, and how Portworx works on Kubernetes. View lectures and complete hands-on labs when and where you choose.

Course Outline

During this course, you will learn the following:

Introduction

- Introduction to Portworx
- Portworx Architecture
- Portworx Control Plane

Getting Started with Portworx

- Portworx Standalone Mode Installation
- Portworx Command Line Interface
- Portworx Cluster (Operator and Daemon Set) Installation
- Portworx Central and Spec Generator
- Portworx on Kubernetes Deployment



INTENDED AUDIENCE

PORTWORX ADMINISTRATORS,
STATEFUL APPLICATION
DEVELOPERS



COURSE TYPE

ON-DEMAND



DURATION

1.5-2 HOURS



LAB

VIRTUAL



RECOMMENDED NEXT STEPS

COMPLETE THE [PORTWORX
ENTERPRISE ADMINISTRATION
COURSE](#)

COURSE DESCRIPTION

Core Concepts

- Cluster Quorum
- Storage Pools
- Volume Operations
- Shared Volumes
- Aggregation Sets
- Replication Sets
- Portworx Central

Portworx on Kubernetes

- Portworx on Kubernetes Deployment
- Persistent Volume Claims (PVCs) and Pre-Deployed Storage Classes
- Basic Autopilot
- Basic Portworx Backup
- Cassandra on Kubernetes Deployment

Prerequisites

You should be familiar with the following topics before completing this course:

- Linux System Administration
- Containers
- Kubernetes and Container Orchestration

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