Pure Certified Portworx® Enterprise Professional Prep

NOTE: SUCCESSFUL COMPLETION OF THIS COURSE DOES NOT GUARANTEE THAT YOU WILL PASS THE EXAM.

The Pure Certified Portworx Enterprise Professional Prep gives you everything you need to manage a Portworx by Pure Storage Enterprise implementation through its entire lifecycle. Portworx Enterprise is the Kubernetes storage platform trusted in production by leading enterprises, providing end-to-end storage and data management for container-based containers, databases, and software as a service, as well as disaster recovery initiatives. This course helps prepare you to be the enterprise administrator when you successfully complete the Pure Certified Portworx Enterprise Professional exam.

COURSE BENEFITS

Become a true Portworx Enterprise Administrator that designs Portworx solutions, administers clusters, secures and troubleshoots Portworx, and provides business continuity. As a Portworx DevOps administrator, you will be the expert in your enterprise, able to perform all tasks from concept through implementation. This course includes hands-on labs guided by the instructor.

COURSE OUTLINE

During this training you will learn:

Design and Architecture
- Portworx Components
- Installation (Docker, Cluster, Kubernetes, AWS EKS)
- Storage Pools
- Volume and Volume Types
- Storage Classes and PVC
- Data Integrity and Consistency
- Failure Handling
- Etcd and Etcd Recovery
- Topology Awareness
- Volume Placement Strategies
- Storage Pool Cache
- Class of Service
- Stork Introduction

Cluster Operation and Administration
- License Operations
- Snapshots (Kubernetes, Cloud, Group Volume)
- Scheduling Snapshots
- Adding Portworx Nodes
- Adding Storage
- Resizing PVC
- Autopilot

Security
- Authentication
- Context
- Ownership
- Authorization
- Authorization on Kubernete
- Securing Storage in a Multi-tenant Environment
- Encryption
- Cloud Credentials

Observability and Troubleshooting
- Logging
- Monitoring
- Alerting
- Troubleshooting

Business Continuity
- Application Backup
- Cluster Migration with Kubermotion
- Disaster Recovery: Synchronous, Failover and Fallback, Asynchronous

INTENDED AUDIENCE
PORTWORX ENTERPRISE ADMINISTRATORS

COURSE TYPE
ON-DEMAND, vILT, ILT

DURATION
ILT - 2 DAYS (6 HOURS/DAY)
VILT - 3 DAYS (4 HOURS/DAY)
ON-DEMAND - 1 DAY

LABS
VIRTUAL

RECOMMENDED NEXT STEPS
STUDY FOR AND TAKE THE PURE CERTIFIED PORTWORX ENTERPRISE PROFESSIONAL EXAM

PUREPEAK
Performance, Education, and Knowledge

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