Pure Certified Portworx Enterprise Professional

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Online Course

Course Modules

1. Design and Architecture

- The Prerequirements for Portworx to be deployed to a cluster
- Describe requirements to configure Cloud Drives
- Describe the deployment architectures supported by Portworx
- Config requirement, what changes need to be made to the Storg
- Purpose and placement of the control-plane & data-plane
- Utilize the supported deployment methods for Portworx

2. Cluster Operations and Administration

- Utilize PXCTL to manage volumes
- Utilize Kubernetes to manage volumes
- Utilize snapshots on Kubernetes to prepare for an app upgrade
- Utilize PXCTL to manage snapshots
- Describe node maintenance operations
- Describe the procedures used to maintain a cluster

3. Security

- Setup and manage PX-Secure using Kubernetes
- Utilize encrypted volumes in Kubernetes
- Manage volume access controls
- Understand security audit

4. Observability and Troubleshooting

- Utilize Portworx Metrics for Monitoring
- Utilize Portworx Alerts to notify and configure the alert manager
- Identify typical errors with cluster operations
- Demonstrate collecting Portworx log and diagnostics information
- Dmst using Prometheus & Grafana to investigate cluster issues
- Troubleshoot errors during deployment and upgrades

5. Business Continuity

- Identify the components and requirements to implement PX-DR
- Configure PX-DR with asynchronous or synchronous replication
- Deploy PX-Backup to be able to crt backups & restores fr Kbnetes
- The STORK CRDs and commands used for application consistent
- Validate readiness for disaster recovery

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The efficiency of online learning in terms of time management, flexibility, and the ability to access resources anytime, anywhere can be compelling.

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For contact:+91 8680961847
+91 9600579474