Using HPE Containers

Zetlan Technologies

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Online Course

Using HPE Containers

Course Modules

1. Container Foundations

☐ Container overview
☐ Key Docker concepts
☐ Key Kubernetes concepts

2. Introduction to HPE Ezmeral Runtime Enterprise

☐ Why HPE Ezmeral Runtime Enterprise
☐ HPE Ezmeral Runtime Enterps architecture & deplymnt optns
☐ HPE Ezmeral Runtime Enterprise Reference Architectures

3. Getting Started with HPE Ezmeral Runtime Enterprise

☐ Deployment planning
☐ Deployment planning for high availability
☐ Installing HPE Ezmeral Runtime Enterprise
☐ Introduction to platform administration

4. HPE Ezmeral Data Fabric

☐ Introduction to HPE Ezmeral Data Fabric
☐ HPE Ezmeral Data Fabric Architecture
☐ Intro to Usg Ezmeral Data Fabric within HPE Ezmeral Runtime

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5. HPE Ezmeral Runtime Enterprise Kubernetes Management
- ☐ Kubernetes Architecture in HPE Ezmeral Runtime Enterprise
- ☐ Deploying an internal Kubernetes Cluster
- ☐ Importing an external Kubernetes Cluster
- ☐ Cluster as a Site Admin or Kubernetes Cluster Administrator

6. Deploy Kubernetes Apps on the HPE Ezmeral Runtime
- ☐ Introduction
- ☐ Running applications with deployment objects
- ☐ Adding services
- ☐ Deploying applications with Helm
- ☐ Deploying applications with KubeDirector
- ☐ Using FS Mounts and DataTaps with applications
- ☐ Using Apache Spark on HPE Ezmeral Runtime Enterprise

7. Using HPE Ezmeral Runtime Enterprise MLOPs
- ☐ Introduction to MLOps
- ☐ Implementing ML projects on HPE Ezmeral Runtime Enterprise
- ☐ Setting up Kubeflow on HPE Ezmeral Runtime Enterprise

8.HPE Ezmeral Runtime Enterprise with EPIC

☐Architecture review

☐Installing EPIC hosts and setting up Tenants

☐Deploying applications

9.Operations

☐Ezmeral Container Platform monitoring

☐Using Nagios Alerts

☐Updates

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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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