

Szkolenie: HPE

HPE Ezmeral Container Platform Application Image Development for Kubernetes



Cel szkolenia:

This course is designed for developers who are creating and running big data applications on HPE Ezmeral Runtime Enterprise 5.0 (formerly known as HPE Ezmeral Container Platform). Although the platform provides a rich set of standard application images, this course guides developers on how to create, deploy and maintain additional application-specific images.

Course objectives

After you successfully complete this course, you should be able to:

- Obtain in-depth knowledge of HPE Ezmeral Runtime Enterprise (Container Platform) 5.0 Kubernetes Application Image
- Learn best practices to help accelerate the development of new application images
- Learn how to maintain and optimize application images

Audience

System developers, big data application developers, business analysts, data scientists, data engineers.

Plan szkolenia:

- Introduction
 - Introduction
 - Learning objectives review
 - Course schedule review
- HPE Ezmeral Runtime Enterprise (Container Platform) 5.0 Kubernetes Overview
 - Introduction to Kubernetes
 - Kubernetes features and components
 - Kubernetes deployments and services
 - Kubernetes application image development
 - Applications workflow, labels and service endpoints

- Approaches of developing application
- Methods of deploying application
- Deployment YAML approach
- KubeDirector approach
- Converting EPIC standard image to KubeDirector image
- Deployment of application using Helm chart
- Kubernetes Operator
- Training Environment Overview
 - Credentials and access walkthrough

Wymagania:

Courses:

- HPE Ezmeral Runtime Enterprise Administration (highly recommended)
- Basic understanding of Docker and Kubernetes

Skills:

- Unix/Linux user and administration experience
- Big data application administration experience
- Python, R, Java, script programming

Poziom trudności



Certyfikaty:

The participants will obtain certificates signed by HPE (course completion).

Prowadzący:

Authorized HPE Trainer