Deploying Containerized Applications Technical Overview

Kód kurzu: DO0080

An overview of deploying applications and containers.Deploying Containerized Applications Technical Overview (DO080) is a series of on-demand, online videos that introduces you to Linux® containers and container orchestration technology using Docker, Kubernetes, and Red Hat® OpenShift Container Platform. In this series of short lectures and in-depth demonstrations, you will learn about the concepts of containerization—and see it in action. Learn about containerizing applications and services, testing them using Docker, and deploying them on a Kubernetes cluster using Red Hat OpenShift. You will also learn how to build and deploy an application from source code using the Source-to-Image facility of OpenShift.

Pro koho je kurz určen

Anyone interested in learning the value of container technology, containerizing applications, and deploying them at scale on a Kubernetes cluster.

Co Vás naučíme

Introduction to containers

Video 1. Course introduction: overview of deploying containerized applications

Video 2. Overview of container architecture

Video 3. Overview of Docker architecture

Video 4. Overview Kubernetes and Red Hat OpenShift architecture

Deploying containerized applications (with demonstrations)

Video 5. Provisioning a database server

Video 6. Building custom container images with Dockerfile

Video 7. Creating basic Kubernetes resources

Video 8. Creating applications with the source-to-image (S2I) facility

Video 9. Creating routes

Video 10. Creating applications with Red Hat OpenShift web console

Požadované vstupní znalosti

There are no prerequisites for this course.

Studijní materiály

Studijní materiál Red Hat

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