

Szkolenie: Red Hat
 DO285 Containers, Kubernetes, and Red Hat OpenShift Administration I


FORMA SZKOLENIA	MATERIAŁY SZKOLENIOWE	CENA	CZAS TRWANIA
Stacjonarne	Tradycyjne	9400 PLN NETTO*	5 dni
Stacjonarne	Tablet CTAB	9800 PLN NETTO*	5 dni

* (+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury)

LOKALIZACJE

Kraków - ul. Tatarska 5, II piętro, godz. 9:00 - 16:00

Warszawa - ul. Bielska 17, godz. 9:00 - 16:00

Cel szkolenia:

One of the key tenets of DevOps is continuous integration and continuous deployment. Containers have become a key technology for the configuration and deployment of applications and microservices. Kubernetes is a container orchestration platform that provides foundational services in **Red Hat® OpenShift Container Platform**. **DO285** combines the content from **Introduction to Containers, Kubernetes, and Red Hat® OpenShift (DO180)** and **Red Hat OpenShift Administration I (DO280)**.

This course is based on **Red Hat OpenShift Container Platform 3.5**.

Audience for this course:

- Developers who wish to containerize software applications
- Administrators who are new to container technology and container orchestration
- Architects who are considering using container technologies in software architectures
- System administrators
- System architects
- Architects and developers who want to install and configure OpenShift Container Platform

Plan szkolenia:

- Getting started with container technology
 - Describe how software can run in containers orchestrated by OpenShift Container Platform.
- Creating containerized services

- Provision a server using container technology.
- Managing containers
 - Manipulate pre-build container images to create and manage containerized services.
- Managing container images
 - Manage the lifecycle of a container image from creation to deletion.
- Creating custom container images
 - Design and code a Dockerfile to build a custom container image.
- Deploying containerized applications on OpenShift
 - Deploy single container applications on OpenShift Container Platform.
- Deploying multi-container applications
 - Deploy applications that are containerized using multiple container images.
- Troubleshooting containerized applications
 - Troubleshoot a containerized application deployed on OpenShift.
- Comprehensive review of Introduction to Container, Kubernetes, and Red Hat OpenShift
 - Demonstrate how to containerize a software application, test it with Docker, and deploy it on an OpenShift cluster.
- Introducing Red Hat OpenShift Container Platform
 - List the features and describe the architecture of the OpenShift Container Platform.
- Installing OpenShift Container Platform
 - Install OpenShift and configure the cluster.
- Describing and exploring OpenShift networking concepts
 - Describe and explore OpenShift networking concepts.
- Executing commands
 - Execute commands using the command-line interface.
- Controlling access to OpenShift resources
 - Control access to OpenShift resources.
- Allocating persistent storage
 - Implement persistent storage.
- Managing application deployments
 - Manipulate resources to manage deployed applications.
- Installing and configuring the metrics subsystem
 - Install and configure the metrics gathering system.
- Managing and monitoring OpenShift Container Platform
 - Manage and monitor OpenShift resources and software.
- Comprehensive review of Red Hat OpenShift Administration I
 - Install, configure, and deploy an application on a cluster.

Wymagania:

Red Hat recommends these prerequisites:

- Ability to use a Linux® terminal session and issue operating system commands
- **RHCSA® certification** or equivalent knowledge
- Experience with **web application architectures** and their corresponding technologies

Poziom trudności



Certyfikaty:

Participants will obtain certificates signed by Red Hat.

Prowadzący:

Red Hat Certified Instructor