

Szkolenie: Red Hat
 DO180 Introduction to Containers, Kubernetes, and Red Hat OpenShift


FORMA SZKOLENIA	MATERIAŁY SZKOLENIOWE	CENA	CZAS TRWANIA
Stacjonarne	Tradycyjne	8500 PLN NETTO*	3 dni
Stacjonarne	Tablet CTAB	8900 PLN NETTO*	3 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:

Introduction to Containers, Kubernetes, and Red Hat OpenShift (DO180) introduces building and managing Docker containers for deployment on a Kubernetes cluster. This course helps students build core knowledge and skills in managing containers through hands-on experience with **Docker, Kubernetes, and Red Hat® OpenShift Container Platform**. The video classroom version is only available on **Red Hat OpenShift Container Platform 3.5** and **Red Hat Enterprise Linux 7**.

As a result of attending this class, students should be able to containerize simple software applications and services; deploy them with **Docker, Kubernetes, and Red Hat OpenShift**; test the containerized version; and troubleshoot issues with deployment.

One of the key tenets of the DevOps movement 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.

This **course** is based on **Red Hat® OpenShift Container Platform 3.9** and **Red Hat® Enterprise Linux® 7.5**.

Plan szkolenia:

- Course introduction
 - Introduce and review the course.
- Get started with container technology
 - Describe how software can run in containers orchestrated by Red Hat OpenShift Container Platform.
- Create containerized services

- Provision a server using container technology.
- Manage containers
 - Manipulate pre-built container images to create and manage containerized services.
- Manage container images
 - Govern the life cycle of a container image from creation to deletion.
- Create custom container images
 - Design and code a Docker file to build a custom container image.
- Deploy containerized applications on Red Hat OpenShift
 - Deploy single container applications on Red Hat OpenShift Container Platform.
- Deploy multi-container applications
 - Deploy applications that are containerized using multiple container images.
- Troubleshoot containerized applications
 - Troubleshoot a containerized application deployed on Red Hat 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 a Red Hat OpenShift cluster.

Wymagania:

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

Prerequisites for this course

- Be able to use a Linux terminal session and issue operating system commands
- Be a [Red Hat Certified System Administrator \(RHCSA\)](#), or demonstrate equivalent experience
- Have experience with web application architectures and their corresponding technologies
- You learn about the benefits of containers, Docker, Kubernetes, and Red Hat OpenShift with our free offering, [Deploying Containerized Applications Technical Overview \(DO080\)](#).

Poziom trudności



Certyfikaty:

Uczestnicy otrzymają **certyfikaty** podpisane przez **Red Hat**.

Prowadzący:

Certyfikowany trener RedHat.

Informacje dodatkowe:

Zalecany następny **egzamin** lub **kurs**:

- [DO280](#) **Red Hat OpenShift Administration I**
- [DO281](#) **Red Hat OpenShift Administration I z egzaminem EX280**
- [DO290](#) **Developing and Deploying Applications on OpenShift**