

Training: Red Hat
DO290 Developing and Deploying Applications on OpenShift



FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Hardcopy	1650 EUR	3 days
Traditional	CTAB Tablet	1750 EUR	3 days

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:

Developing and Deploying Applications on OpenShift (DO290) is part of a series of courses that focus on using OpenShift Container Platform to automate a portion of the software delivery pipeline. The course immerses the student in a DevOps environment through the use of agile software development methodology, test-driven development, continuous integration, and a standard operating environment through the use of Platform-as-a-Service (PaaS).

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

Audience for this course:

- This course is designed for application developers (not necessarily Java EE developers) interested in creating OpenShift applications with automated unit/acceptance tests and deploying those applications using continuous integration (CI) to an OpenShift instance.

CONSPECT:

- Course introduction
 - Introduce and review the course.
- Development environment review
 - Describe the developer's tools, agile practices, and deployment environment that will be used in this course.
- Bookstore application review
 - Become familiar with the course application architecture, features, and project layout.
- Introduction to OpenShift Container Platform
 - Describe the features and architecture of OpenShift Container Platform.

- Manage OpenShift Container Platform applications
 - Control and maintain applications using the OpenShift Container Platform command line interface.
- Deploy applications on OpenShift Container Platform
 - Define, build, and deploy an application on OpenShift Container Platform.
- Create complex deployments
 - Create deployments that use clustering, load balancing, and customized node scheduling.
- Implement continuous integration
 - Establish continuous integration with Jenkins.
- Troubleshoot applications
 - Use debugging and logs to troubleshoot problems with application performance or deployment issues.
- Customize OpenShift Container Platform
 - Create custom source image containers, templates, and builders.
- Course review
 - Practice the skills learned in this course.

REQUIREMENTS:

Red Hat recommends these prerequisites:

- [Java EE programming](#) skills are helpful—we try to keep the programming tasks simple, like changing the color of an item on an HTML page—so general HTML skills common to many programming environments will suffice
- Experience as a successful developer in one of the environments supported by Red Hat OpenShift Container Platform—either [Python](#), [Ruby](#), [Java EE](#), [Node.js](#)
- Have taken [Introduction to Containers, Kubernetes, and Red Hat OpenShift \(DO180\)](#) or have equivalent experience

Difficulty level



CERTIFICATE:

Participants will obtain certificates signed by Red Hat.

TRAINER:

Red Hat Certified Instructor.

