DEVELOPING AND DEPLOYING APPLICATIONS ON OPENSHIFT (DO290)

Course Code: 3815

The course immerses you 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 part of a series of courses that focus on using OpenShift Enterprise by Red Hat® to automate a portion of the software delivery pipeline. The course immerses you 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). Through hands-on labs, you will implement user stories for an existing Java EE application and deploy the application to an OpenShift Enterprise instance. You will learn how to create, update, and maintain applications using OpenShift Enterprise.

What You'll Learn

- Manage an application with Red Hat JBoss Developer Studio
- Continuous integration (CI)
- Integrate CI into OpenShift Enterprise
- Implement CI for the application
- Cluster the Bookstore application
- Remote debugging the Bookstore application
- Deploy custom containers
- Create a custom template

Who Needs to Attend

Application developers (not necessarily Java EE developers) interested in creating OSE applications with automated unit/acceptance tests, and deploying those applications using CI to an OSE instance

Prerequisites

- Java EE programming skills are helpful but not required
- HTML skills that are common to many programming environments
- Experience as a developer in one of the environments supported by OpenShift Enterprise by Red Hat:

- Python
- Ruby
- Java EE

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