

Video Classroom: Red Hat OpenShift Development I: Containerizing Applications («DO288S»)

Learn to design, build, and deploy containerized applications on an OpenShift cluster.

Price: 2'750.–

Content

Red Hat® OpenShift Container Platform provides developers an enterprise-ready solution for developing and deploying containerized software applications. Red Hat OpenShift Development I: Containerizing Applications provides hands-on training to boost developer productivity powered by Red Hat OpenShift Container Platform.

- **Deploy and manage applications on an OpenShift cluster**
 - Deploy applications using various application packaging methods to an OpenShift cluster and manage their resources
- **Design containerized applications for OpenShift**
 - Select a containerization method for an application and create a container to run on an OpenShift cluster
- **Publish enterprise container images**
 - Create an enterprise registry and publish container images to it
- **Manage building applications**
 - Describe the OpenShift build process, in addition to triggering and managing builds
- **Customize source-to-image builds**
 - Customize an existing S2I base image and create a new one
- **Create applications from OpenShift templates**
 - Describe the elements of a template and create a multicontainer application template
- **Manage application deployments**
 - Monitor application health and implement various deployment methods for cloud-native applications
- **Implement CI/CD pipelines in OpenShift**
 - Create and deploy Jenkins pipelines to facilitate continuous integration and continuous deployment (CI/CD) with OpenShift
- **Build cloud-native applications on OpenShift**
 - Create and deploy cloud-native applications on OpenShift

Key Learnings

- Managing and triggering application builds
- Customizing an existing source-to-image base image
- Creating an OpenShift template
- Creating health checks to monitor and improve application reliability
- Creating and deploying a Jenkins pipeline for continuous integration and continuous deployment
- Creating and deploying cloud-native application for OpenShift

Video Classroom presents a dynamic, self-paced video training of our most experienced Red Hat certified instructors, recorded in high definition (HD) video, that gives you that "in-classroom" setting without incurring travel costs and risking time away from the office.

You get 90 days of unlimited access to course videos, 80 hours of cloud-lab access, full and searchable transcripts, high-quality, hands-on lab environments, email support, video functionality, and eBooks with your course content.

Target audience

This course is aimed at enterprise application developers as well as site reliability engineers.

Additional information

This course is based on Red Hat OpenShift Container Platform 4.2.

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-digital-transformation-technologies/cloud/video-learning-video-classroom-red-hat-openshift-development-i-containerizing-applications