

Deploying Containerized Applications Technical Overview («DO080»)

This course is a series of on-demand, online videos that introduces you to Linux® containers and container orchestration technology using Docker, Kubernetes, and Red Hat® OpenShift Container Platform.

Price: 0.–

Content

Register [here](#) for the free video learning.

In this series of short lectures and in-depth demonstrations, you will learn about the concepts of containerization—and see it in action. Learn about containerizing applications and services, testing them using Docker, and deploying them on a Kubernetes cluster using Red Hat OpenShift. You will also learn how to build and deploy an application from source code using the Source-to-Image facility of OpenShift.

Note: You can view all videos or only the ones that interest you. There are no hands-on labs associated with this course, and you will not receive course completion recognition.

- **Introduction to containers**
 - Video 1: Course introduction: overview of deploying containerized applications
 - Video 2: Overview of container architecture
 - Video 3: Overview of Docker architecture
 - Video 4: Overview Kubernetes and Red Hat OpenShift architecture
- **Deploying containerized applications (with demonstrations)**
 - Video 5: Provisioning a database server
 - Video 6: Building custom container images with Dockerfile
 - Video 7: Creating basic Kubernetes resources
 - Video 8: Creating applications with the source-to-image (S2I) facility
 - Video 9: Creating routes
 - Video 10: Creating applications with Red Hat OpenShift web console

Target audience

Anyone interested in learning the value of container technology, containerizing applications, and deploying them at scale on a Kubernetes cluster.

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/red-hat/red-hat-free-technical-overviews/video-learning-deploying-containerized-applications-technical-overview