

Red Hat OpenShift Developer II: Building Kubernetes Applications (DO288)

Outline for this course

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 builds on OpenShift

- 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.

Deploy multi-container applications

- Deploy multi-container applications using Helm charts and Kustomize.

Manage application deployments

- Monitor application health and implement various deployment methods for cloud-native applications.

Build applications for OpenShift

- Create, deploy, and integrate third-party applications on OpenShift.