

DO322

## Red Hat OpenShift Installation Lab

**Duration: 3 Days**

### Course description

**Installing OpenShift on a cloud, virtual, or physical infrastructure.**

Red Hat OpenShift Installation Lab (DO322) teaches essential skills for installing an OpenShift cluster in a range of environments, from proof of concept to production, and how to identify customizations that may be required because of the underlying cloud, virtual, or physical infrastructure.

This course is based on Red Hat OpenShift Container Platform 4.6.

### Course Outline

#### Table of Contents

Describe the OpenShift Installation Process

Describe and compare the Full Stack Automation and Pre-existing Infrastructure installation methods.

Install OpenShift in a Cloud Provider

Provision OpenShift clusters on Infrastructure-as-a-Service (IaaS) cloud providers, with common customizations, using the Full-Stack Automation installation method.

Install OpenShift on a Virtualized Environment

Provision OpenShift clusters on hypervisors, with common customizations, using the Full-Stack Automation and the Pre-existing Infrastructure installation methods.

Plan to Install OpenShift without an Infrastructure Provider

Configure the prerequisites for provisioning OpenShift clusters without integration with the underlying infrastructure.

Install OpenShift without an Infrastructure Provider

Provision OpenShift clusters without integration with the underlying infrastructure.

Complete the Installation of OpenShift without an Infrastructure Provider

Perform essential tasks that are required before onboarding users and applications on a newly provisioned OpenShift cluster.