



# Introduction to Containers, Kubernetes, and Red Hat OpenShift – DO180

Duration: 3 Days

## DESCRIPTION

Introduction to Containers, Kubernetes, and Red Hat OpenShift (DO180) helps you build core knowledge in managing containers through hands-on experience with containers, Kubernetes, and the Red Hat® OpenShift® Container Platform. These skills are needed for multiple roles, including developers, administrators, and site reliability engineers.

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

## OBJECTIVES

You should be able to perform these basic tasks in Red Hat OpenShift Container Platform:

- Create containerized services using Podman.
- Manage containers and container images.
- Create custom container images.
- Deploy containerized applications on Red Hat OpenShift.
- Deploy multi-container applications.

## COURSE OUTLINE

- Introduce Container Technology
- Create Containerized Services
- Manage Containers
- Manage Container Images
- Create Custom Container Images
- Deploy Containerized Applications On Red Hat OpenShift
- Deploy Multi-Container Applications
- Troubleshoot Containerized Applications
- Comprehensive Review Of Curriculum

## WHO SHOULD ATTEND

- Developers who wish to containerize software applications
- Administrators who are new to container technology and container orchestration
- Architects who are considering using container technologies in software architectures
- Site reliability engineers who are considering using Kubernetes and Red Hat OpenShift

## PREREQUISITES

- Be able to use a Linux terminal session, issue operating system commands, and be familiar with shell scripting
- Have experience with web application architectures and their corresponding technologies
- Should be a Red Hat Certified System Administrator (RHCSA®) is recommended, but not required

## TESTIMONIALS

“ Best training center to learn AWS Cloud Computing Services in India. Training was excellent and trainer has good knowledge about the real world market and used these cases to explain the course content. ”

- **Santosh (NOC Lead, CA Technologies)**

“ Good faculty, great atmosphere, great examples, made my life easier. Wish to advice friends & colleagues to join CloudThat. Great going, keep up the good work. Wish you a great success. ”

- **Veerendra (Assistant Manager, Accenture)**

“ Excellent training, there were lot of things to learn even for experienced AWS user. Trainer has very good knowledge and was able to explain real scenarios which were very good. ”

- **Srinivasa Rao (Technical Manager, Samsung Research India Bangalore)**

For training inquiry,  
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