



Red Hat OpenShift Development I: Introduction to Containers with Podman (DO 188)

COURSE OVERVIEW

Red Hat OpenShift Development I: Introduction to Containers with Podman (DO188) introduces students to building, running, and managing containers with Podman and Red Hat OpenShift. This course helps students build the core skills for developing containerized applications through hands-on experience. These skills can be applied using all versions of OpenShift, including Red Hat OpenShift on AWS (ROSA), Azure Red Hat OpenShift, and OpenShift Container Platform.

This course is based on Red Hat Enterprise Linux 9, Podman 4.4 and Red Hat OpenShift 4.14.

Following course completion, hands-on lab access will remain available for up to 45 days for any live course that includes a virtual environment.

Note: This course is offered as a three day in classroom, a four day virtual class or self-paced. Durations may vary based on the delivery. For full course details, scheduling, and pricing, select your location then “get started” on the right hand menu.

WHO WILL BENEFIT FROM THIS COURSE?

- Developers and Site Reliability Engineers that are new to container technology
- System administrators and platform operators who are interested in managing OpenShift clusters and containerized applications should enroll in Red Hat OpenShift Administration I: Containers & Kubernetes (DO180)

PREREQUISITES

- Some experience with web application architectures and their corresponding technologies
- Experience in the use of a Linux terminal session, issuing operating system commands, and familiarity with shell scripting is recommended

COURSE OUTLINE

Introduction and overview of containers

- Describe how containers facilitate application development.

Podman basics

- Manage and run containers with Podman.

Container images

- Navigate container registries to find and manage container images.

Custom container images

- Build custom container images to containerize applications.



Persisting data

- Run database containers with persistence.

Troubleshooting containers

- Analyze container logs and configure a remote debugger.

Multi-container applications with compose

- Run multi-container applications using Compose.

Container orchestration with Kubernetes and OpenShift

- Orchestrate containerized applications with Kubernetes and OpenShift.

WHY TRAIN WITH SUNSET LEARNING INSTITUTE?

Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their technology investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

Premiere World Class Instruction Team

- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience
- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

Convenient and Reliable Training Experience

- You have the option to attend classes live with the instructor, at any of our established training facilities, or from the convenience of your home or office
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

Outstanding Customer Service

- You will work with a dedicated account manager to suggest the optimal learning path for you and/or your team
- An enthusiastic student services team is available to answer any questions and ensure a quality training experience

Interested in Private Group Training?

[Contact Us](#)