Red Hat OpenShift Development I: Introduction to Containers with Podman (DO188)

Category: Software Development & Programming | **Vendor:** Red Hat

Duration: 32.00 hours (4 days) **26.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

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 Container Platform. This course helps students build the core skills for developing containerized applications through hands-on experience. This course is based on Red Hat® Enterprise Linux® 8.6 and OpenShift® Container Platform 4.10.

About This Course

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 Container Platform. This course helps students build the core skills for developing containerized applications through hands-on experience. This course is based on Red Hat® Enterprise Linux® 8.6 and OpenShift® Container Platform 4.10.

Who Should Attend

Developers and Site Reliability Engineers that are new to container technology.

Prerequisites & Entry Requirements

General 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.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Introduction to containers Run containers with Podman Build custom container images Manage container images Remote debugging with containers Basic container networking Persist data with containers Run multi-container applications Troubleshoot Container Deployments Orchestrate containers with OpenShift and Kubernetes

Detailed Course Outline

1 - Introduction and overview of containers

- Describe how containers facilitate application development.

2 - Podman basics

- Manage and run containers with Podman.

3 - Container images

- Navigate container registries to find and manage container images.

4 - Custom container images

- Build custom container images to containerize applications.

5 - Persisting data

- Build persistent databases.

6 - Container networking

- Describe basic container networking and how to access containerized services.

7 - Troubleshooting containers

- Analyze container logs and configure a remote debugger.

8 - Multi-container applications with compose

- Run multi-container applications using Compose.

9 - Container orchestration with Kubernetes and OpenShift

- Orchestrate containerized applications with Kubernetes and OpenShift.

Additional Course Details

Nexus Humans Red Hat OpenShift Development I: Introduction to Containers with Podman (DO188) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Red Hat OpenShift Development I: Introduction to Containers with Podman (DO188) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Red Hat OpenShift Development I: Introduction to Containers with Podman (DO188)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 4-day Red Hat OpenShift Development I: Introduction to Containers with Podman (DO188) course provides up to 26.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Red Hat OpenShift Development I: Introduction to Containers with Podman (DO188) training?

The training takes place over 4 day(s), with each day lasting approximately 32.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Red Hat OpenShift Development I: Introduction to Containers with Podman (DO188)?

Yes, we provide corporate training, dedicated training, and closed classes for Red Hat OpenShift Development I: Introduction to Containers with Podman (DO188). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Red Hat OpenShift Development I: Introduction to Containers with Podman (DO188)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Red Hat OpenShift Development I: Introduction to Containers with Podman (DO188) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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