Introduction to Red Hat OpenShift Applications (DO101)

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

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Related Exam: DO101

Course Overview

A developer-focused introduction to OpenShift application building, deployment, scaling, and troubleshooting. Red Hat® OpenShift® Container Platform is a containerized application platform that allows enterprises to accelerate and streamline application development, delivery, and deployment on-premise or in the cloud. As OpenShift and Kubernetes continue to become widely adopted, developers are increasingly required to understand how to develop, build, and deploy applications with a containerized application platform. While some developers are interested in managing the underlying infrastructure, most developers want to focus on developing applications and using OpenShift for its simple building, deployment, and scaling capabilities.

About This Course

A developer-focused introduction to OpenShift application building, deployment, scaling, and troubleshooting. Red Hat® OpenShift® Container Platform is a containerized application platform that allows enterprises to accelerate and streamline application development, delivery, and deployment on-premise or in the cloud. As OpenShift and Kubernetes continue to become widely adopted, developers are increasingly required to understand how to develop, build, and deploy applications with a containerized application platform. While some developers are interested in managing the underlying infrastructure, most developers want to focus on developing applications and using OpenShift for its simple building, deployment, and scaling capabilities.

Who Should Attend

This course is a low prerequisite on-ramp for OpenShift development. Many developers want to find ways to use OpenShift in their organization and have heard of its many benefits, but they lack the necessary skills or interest in approaching OpenShift from a low-level, bottom-up oriented approach. Most developers are instead focused on finding ways to write and deploy applications faster and easier.

Prerequisites & Entry Requirements

General Prerequisites:

Students should have a strong background in application development and object oriented programming. If not, it is recommended to first take Red Hat Application Development I: Programming in Java EE (AD183).

Learning Outcomes

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

Manage application source code with Git Develop applications with VSCode Deploy an application to OpenShift Update an application Configure application secrets Scale an application Troubleshoot and fixing an application

Detailed Course Outline

1 - Configure a Cloud Application Developer Environment

- Configure a developer environment with a modern integrated developer environment and version control.

2 - Deploy Applications to Red Hat OpenShift Container Platform

- Deploy an application to OpenShift.

3 - Configure Application builds in OpenShift

- Manage application builds in Red Hat OpenShift Container Platform.

4 - Scale Applications in OpenShift

- Scale and test an application with Red Hat OpenShift Container Platform.

5 - Troubleshoot Applications in OpenShift

- Identify and resolve common problems in Red Hat OpenShift Container Platform

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Additional Course Details

Nexus Humans Introduction to Red Hat OpenShift Applications (DO101) 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 Introduction to Red Hat OpenShift Applications (DO101) 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 Introduction to Red Hat OpenShift Applications (DO101)?

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: Which exam does this course prepare me for?

This course prepares you for the DO101 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 1-day Introduction to Red Hat OpenShift Applications (DO101) course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Introduction to Red Hat OpenShift Applications (DO101) training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Introduction to Red Hat OpenShift Applications (DO101)?

Yes, we provide corporate training, dedicated training, and closed classes for Introduction to Red Hat OpenShift Applications (DO101). 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 Introduction to Red Hat OpenShift Applications (DO101)?

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 Introduction to Red Hat OpenShift Applications (DO101) 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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