Developing Applications with Red Hat OpenShift Serverless and Knative (DO244)

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

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Related Exam: DO244

Course Overview

Learn how to develop, deploy, and auto-scale event driven serverless applications on the Red Hat OpenShift Container Platform. Red Hat OpenShift Serverless enables developers and Site Reliability Engineers (SREs) to focus on the core business logic of their applications and functions by delegating operational concerns and infrastructure services to the Red Hat® OpenShift Serverless platform. This course is based on Red Hat OpenShift Serverless 1.23 and OpenShift Container Platform 4.10.

About This Course

Learn how to develop, deploy, and auto-scale event driven serverless applications on the Red Hat OpenShift Container Platform. Red Hat OpenShift Serverless enables developers and Site Reliability Engineers (SREs) to focus on the core business logic of their applications and functions by delegating operational concerns and infrastructure services to the Red Hat® OpenShift Serverless platform. This course is based on Red Hat OpenShift Serverless 1.23 and OpenShift Container Platform 4.10.

Who Should Attend

Cloud-native application developers interested in developing serverless applications Site Reliability Engineers and OpenShift Administrators interested in using serverless technologies to automate operations and developing utility tools to manage and monitor their applications.

Prerequisites & Entry Requirements

General Prerequisites:

Complete Red Hat OpenShift I: Containers & Kubernetes (DO180) or demonstrate equivalent knowledge. Complete Red Hat OpenShift Development II: Containerizing Applications (DO288) or demonstrate equivalent knowledge. Experience programming REST APIs in Java or JavaScript (Node.js) is required.

Learning Outcomes

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

Understand OpenShift Serverless architecture and primary features of Knative for serverless applications. Implement cloud-native serverless applications using Knative serving. Implement event-driven serverless applications using Knative eventing. Implement serverless applications using OpenShift Serverless functions.

Detailed Course Outline

1 - Introduction to Red Hat OpenShift Serverless and Knative

- Describe the architecture of Red Hat OpenShift Serverless

2 - Develop Serverless Applications by using Knative Serving

- Deploy and scale serverless applications with Knative Serving

3 - Develop Event-driven Serverless Applications by using Knative Eventing

- Implement event driven serverless applications using Knative Eventing

4 - Develop Applications by Using OpenShift Serverless Functions

- Implement serverless applications using OpenShift Serverless Functions

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- Implement event driven serverless applications using Knative Eventing

4 - Develop Applications by Using OpenShift Serverless Functions

- Implement serverless applications using OpenShift Serverless Functions

Additional Course Details

Nexus Humans Developing Applications with Red Hat OpenShift Serverless and Knative (DO244) 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 Developing Applications with Red Hat OpenShift Serverless and Knative (DO244) 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 Developing Applications with Red Hat OpenShift Serverless and Knative (DO244)?

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 DO244 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 2-day Developing Applications with Red Hat OpenShift Serverless and Knative (DO244) course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Developing Applications with Red Hat OpenShift Serverless and Knative (DO244) training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Developing Applications with Red Hat OpenShift Serverless and Knative (DO244)?

Yes, we provide corporate training, dedicated training, and closed classes for Developing Applications with Red Hat OpenShift Serverless and Knative (DO244). 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 Developing Applications with Red Hat OpenShift Serverless and Knative (DO244)?

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 Developing Applications with Red Hat OpenShift Serverless and Knative (DO244) 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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