

# DEVELOPING APPLICATIONS WITH RED HAT OPENSIFT SERVERLESS AND KNATIVE (DO244)

Course Code: 821731

Learn how to develop, deploy, and auto-scale event driven serverless applications on the Red Hat OpenShift Container Platform.

Develop and deploy event-driven auto-scaling serverless applications and functions.

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.

## What You'll Learn

- 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 creative eventing.
- Implement serverless applications using OpenShift Serverless functions.

## Who Needs to 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

- Take our free assessment to gauge whether this offering is the best fit for your skills.
- 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.



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CLASSROOM LIVE

\$1,144 CAD

1 Day



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VIRTUAL CLASSROOM LIVE

\$1,144 CAD

2 Day

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ON-DEMAND

\$1,010 CAD

## On-Demand Outline

### **Introduction to Red Hat OpenShift Serverless and Knative**

- Describe the architecture of Red Hat OpenShift Serverless

### **Develop Serverless Applications by using Knative Serving**

- Deploy and scale serverless applications with Knative Serving

### **Develop Event-driven Serverless Applications by using Knative Eventing**

- Implement event driven serverless applications using Knative Eventing

### **Develop Applications by Using OpenShift Serverless Functions**

- Implement serverless applications using OpenShift Serverless Functions

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