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

Duration: **2 Day**

BILGINÇ IT Academy
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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.

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.

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.

What You Will 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 Knative eventing.
- Implement serverless applications using OpenShift Serverless functions.

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Training 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