

Developing Event-Driven Applications with Apache Kafka and Red Hat AMQ Streams (AD482)

ID AD482 **Price** 2,805.— €excl. tax **Duration** 3 days

Course Overview

available.

Develop, scale, and troubleshoot event-driven microservice applications.

Learn to use Kafka and AMQ Streams to design, develop, and test event-driven applications. Event-driven microservices scale globally, store and stream process data, and provide low-latency feedback to customers. This course is for application developers and is based on Red Hat AMQ Streams 1.8 and Red Hat OpenShift Container Platform 4.6.

Course summary

- Describe the basics of Kafka and its architecture.
- Develop applications with the Kafka Streams API.
- Integrate applications with Kafka Connect.
- Capture data change with Debezium.
- Troubleshoot common application streaming issues.

Who should attend

Application developers with microservice development experience.

This course is part of the following Certifications

Red Hat Certified Specialist in Event-Driven Development with Kafka (RHCS-EDK)

Prerequisites

- Experience with microservice application development and design, such as [Red Hat Cloud-native Microservices Development with Quarkus \(DO378\)](#) or equivalent experience.
- OpenShift experience is recommended, but not required.

Technology considerations

- BYOD classroom environment with access to the shared cluster.
- A cloud-based classroom environment will also be made

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