Developing Event-Driven Applications with Apache Kafka and Red Hat AMQ Streams with exam (EX482) (AD483)

ID AD483 **Price** CHF 3,168.—(excl. VAT) **Duration** 4 days

Who should attend

Application developers with microservice development experience.

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 available.

Course Content

Designing Event-Driven Applications

- Describe the principles of event-driven applications.

Introducing Kafka and AMQ Streams Concepts

- Build applications with basic read-and-write messaging capabilities.

Building Applications with the Streams API

- Leverage the Streams API to create data streaming applications.

Creating Asynchronous Services with Event Collaboration

- Create and migrate to asynchronous services using the event collaboration pattern.

Integrating Data Systems with Kafka Connect

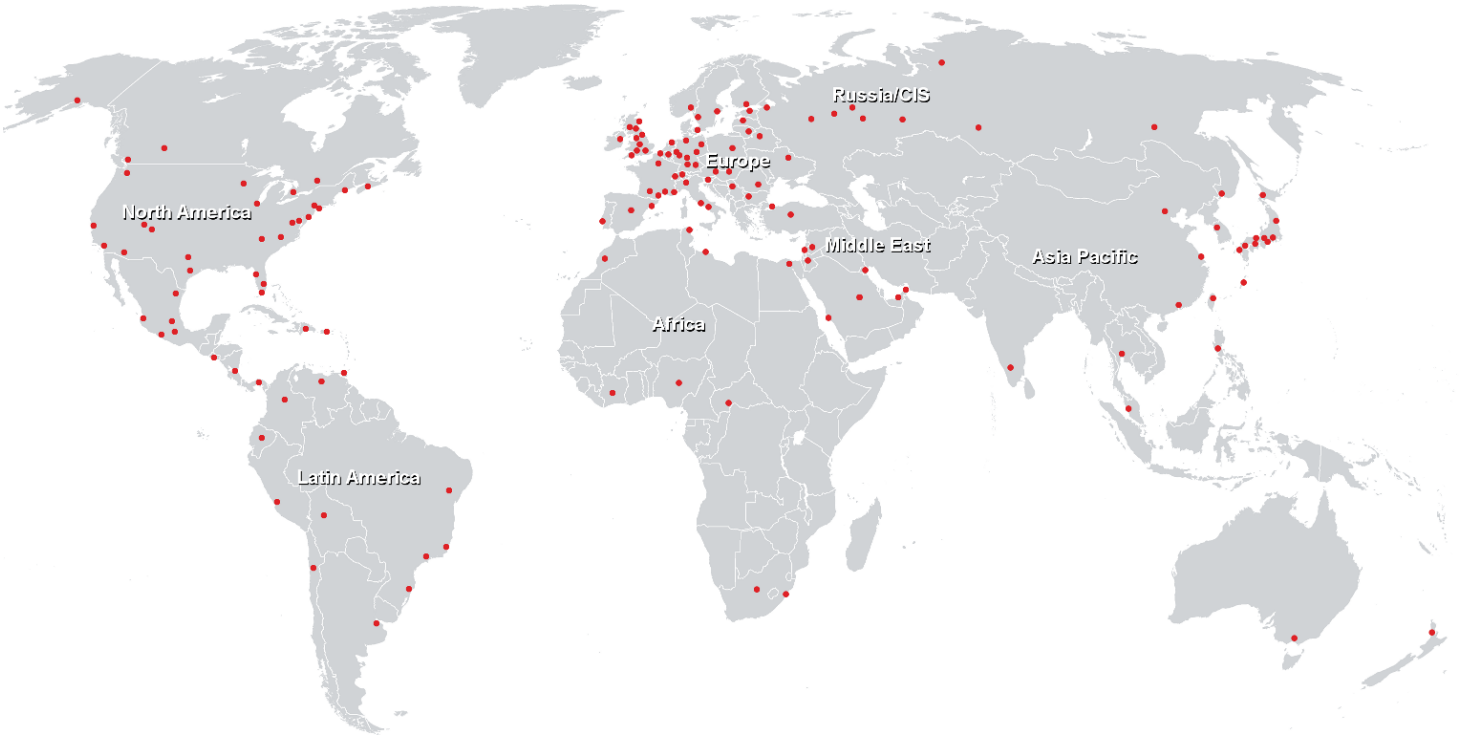
- Connect data systems and react to data changes using Kafka Connect and Debezium.

Troubleshooting AMQ Streams Applications

- Handle common problems in Kafka and AMQ Streams applications.

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