DEVELOPING EVENT-DRIVEN APPLICATIONS WITH APACHE KAFKA AND RED HAT AMQ STREAMS (AD482)

Course Code: 821718

Learn to use Kafka and AMQ Streams to design, develop, and test.

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.

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

What You'll Learn

You will Learn to use Kafka and AMQ Streams to design, develop, and test event-driven applications.

Who Needs to Attend

Application developers with microservice development experience.

Prerequisites
- Experience with microservice application development and design, such as DO378 or equivalent experience.
- OpenShift experience is recommended, but not required.

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| CLASSROOM LIVE | $3,525 USD | 3 Day |

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VIRTUAL CLASSROOM LIVE	$3,525 USD	4 Day

Jun 16 - 19, 2025 | 11:00 AM - 5:00 PM EDT

Sep 22 - 25, 2025 | 11:00 AM - 5:00 PM EDT

Dec 15 - 18, 2025 | 11:00 AM - 5:00 PM EST

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ON-DEMAND	$2,996 USD

On-Demand Outline

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.

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