

# 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.



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

Course Code: 821718

CLASSROOM LIVE

\$4,759 CAD

3 Day

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

Course Code: 821718

VIRTUAL CLASSROOM LIVE

\$4,759 CAD

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

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

Course Code: 821718

ON-DEMAND

\$4,045 CAD

## 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.

Visit us at [www.globalknowledge.com](http://www.globalknowledge.com) or call us at 1-866-716-6688.

Date created: 5/9/2025 2:16:07 AM

Copyright © 2025 Global Knowledge Training LLC. All Rights Reserved.