

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.

Red Hat Learning Subscription COURSE – Included with Your Purchase

Starting January 1, 2026, Red Hat introduces RHLS-Course —a flexible subscription model now included with this catalog offering. This replaces the previous direct virtual class enrollment from Global Knowledge.

When you purchase this item, you'll receive an RHLS subscription at the course level, giving you the freedom to choose the schedule that works best and self-enroll in your selected class.

Your RHLS subscription includes:

- One live, instructor-led virtual session
- 12 months of self-paced learning access
- One certification exam with a free retake

Onsite Classroom-based sessions and closed course options remain unchanged.

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

\$4,760 CAD

3 Day

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

Course Code: 821718

VIRTUAL CLASSROOM LIVE \$4,760 CAD

1 Session

Jul 27 - 29, 2026 | 10:30 AM - 6:30 PM EDT

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

Course Code: 821718

ON-DEMAND

\$4,760 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 or call us at 1-866-716-6688.

Date created: 5/24/2026 4:12:24 AM

Copyright © 2026 Global Knowledge Training LLC. All Rights Reserved.