

Training: Red Hat  
EX421 Red Hat Certified Specialist in Camel Development exam

## FORM OF TRAINING

## MATERIALS

## PRICE

## DURATION

Traditional

Exam

450 EUR

1 day

## LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

## TRAINING GOALS:

The Red Hat Certified Specialist in Camel Development exam (EX421) tests your abilities to create and maintain enterprise integration services using Camel with Red Hat® Fuse.

By passing this exam, you become a Red Hat Certified Specialist in Camel Development, which also counts toward becoming a Red Hat Certified Architect (RHCA).

This exam is based on Red Hat Fuse 7.0.

## CONSPECT:

To help you study, the exam objectives below highlight the task areas you can expect to see covered in the exam. Red Hat reserves the right to add, modify, and remove exam objectives. Such changes will be made public in advance.

- Create and maintain Camel routes
  - Use the Java™ language
  - Use the CamelContext XML
- Exchange messages
  - Body
  - In/out
  - Headers
  - Attachments
- Consume and produce files
  - CSV format
  - XML format
- Work with databases and the Camel JPA component

- Understand transactional routes
- Use EIPs
  - Content-based routing
  - Wire Tap
  - Splitter
  - Aggregator
  - Recipient list
- Use Camel components
  - File2
  - FTP
  - JPA2
  - JMS
  - Direct
  - Rest
- Use Camel Test
  - Mock endpoints
  - JUnit 4 integration and CamelTest APIs
- Dynamically route messages
  - Use conditional routes
  - Use data-driven routes
- Handle exceptions
  - Catch and handle exceptions
  - Use the dead-letter queue

As with all Red Hat performance-based exams, configurations must persist after reboot without intervention.

## REQUIREMENTS:

Exam candidates should:

- Have taken the Camel Integration and Development with Red Hat Fuse (JB421) course or have equivalent work experience in enterprise integration using Apache Camel
- Have some familiarity working in a Red Hat® Enterprise Linux® environment
- Review the Red Hat Certified Specialist in Camel Development exam (EX421) objectives.

## Difficulty level



## TRAINER:

Red Hat Certified Instructor.

## ADDITIONAL INFORMATION:

### Recommended training:

- JB421 Camel Integration and Development with Red Hat Fuse.