IBM WebSphere MQ

Application Developer skills for WebSphere MQ V7.1 or WebSphere MQ V7.5

Role
The application developer is responsible for developing the functional aspects of the business applications as designed by the solution architect as well as creating solution prototypes that can be used to validate ideas and business needs. The application developer is expected to be able to implement design elements, make specific implementation decisions, develop installation artifacts, implement test elements, execute unit tests, analyze runtime behavior and adjust malfunctioning elements, as well as orchestrate the creation of solution prototypes and test them against corporate business needs.

Assumptions
It is assumed that the individual following this roadmap has basic skills in the following areas:
- Working knowledge of underlying operating system platforms
- Procedural language, Java, or J2EE developer skills
- Basic knowledge of application design and programming
- Application development experience
- Ability to analyze runtime behavior and adjust malfunctioning elements

Objectives
After completing this training, students should be able to:
- Describe the basic concepts of WebSphere MQ application development
- Explain the differences in program design necessitated by the messaging and queuing paradigm
- Be able to use queues and messages
- Connect and disconnect an application to a queue manager
- Handle and manage exception conditions
- Use triggering functions
- Design and develop WebSphere MQ applications

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2 WebSphere MQ Application Development using JMS

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<th>Course</th>
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<tr>
<td>WebSphere MQ Application Development using JMS*</td>
<td>Classroom (3 days)</td>
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3 IBM MessageSight

<table>
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<tr>
<td>Technical Introduction to IBM MessageSight Insight and MQTT</td>
<td>Web-based (0.3 days)</td>
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* Course applies equally to WebSphere MQ V7.1 or WebSphere MQ V7.5