

# Developing Rule Solutions in IBM Operational Decision Manager V8.10.5

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<b>Code:</b>	WB404G
<b>Length:</b>	5 days
<b>URL:</b>	<a href="#">View Online</a>

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This course introduces developers to IBM Operational Decision Manager V8.10.5. It teaches you how to design, develop, and integrate a business rule solution with Operational Decision Manager.

The course begins with an overview of Operational Decision Manager, which is composed of two main environments: Decision Server for technical users and Decision Center for business users. The course outlines the collaboration between development and business teams during project development.

Through instructor-led presentations and hands-on lab exercises, you learn about the core features of Decision Server Rules, which is the primary working environment for developers. You learn how to support your business users by setting up the rule authoring environment and object models that are required to execute rule artifacts. You also work with rule authoring so that you can support business users to set up and customize the rule authoring and validation environments. You learn how to manage ruleset deployment and execution, and work extensively with Rule Execution Server. And, you learn how Operational Decision Manager features support decision governance so that it can be implemented in your organization.

The lab environment for this course uses Windows Server 2016 Standard.

## Skills Gained

After completing this course, you should be able to:

- Describe the benefits of implementing a decision management solution with Operational Decision Manager
- Identify the key user roles that are involved in designing and developing a decision management solution, and the tasks that are associated with each role
- Describe the development process of building a business rule application and the collaboration between business and development teams
- Set up and customize the Business Object Model (BOM) and vocabulary for rule authoring
- Implement the Execution Object Model (XOM) that enables ruleset execution
- Orchestrate rule execution through ruleflows

- Author rule artifacts to implement business policies
- Debug business rule applications to ensure that the implemented business logic is error-free
- Set up and customize testing and simulation for business users
- Package and deploy decision services to test and production environments
- Integrate decision services for managed execution within an enterprise environment
- Monitor and audit execution of decision services
- Apply governance principles to decision management

## Who Can Benefit

This course is designed for developers.

## Prerequisites

Before taking this course, you should have:

- Experience with the Java programming language and object-oriented concepts
- Knowledge of Java Platform, Enterprise Edition (Java EE)
- Basic knowledge of Extensible Markup Language (XML)
- Basic knowledge of the REST API and RESTful architecture

## Course Details

### Course Outline

Unit 1: Introducing IBM Operational Decision Manager  
Unit 2: Developing decision services  
Unit 3: Modeling decisions  
Unit 4: Programming with business rules  
Unit 5: Developing object models  
Unit 6: Orchestrating ruleset execution  
Unit 7: Authoring rules  
Unit 8: Customizing rule vocabulary with categories and domains  
Unit 9: Working with queries  
Unit 10: Debugging rulesets  
Unit 11: Enabling tests and simulations  
Unit 12: Managing deployment  
Unit 13: Executing rules with Rule Execution Server  
Unit 14: Working with transparent decision services  
Unit 15: Auditing and monitoring ruleset execution  
Unit 16: Introducing decision governance  
Unit 17: Course summary

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## Schedule (as of 3 )

**Date**

**Location**

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May 10, 2021 – May 14, 2021	<a href="#">iMVP</a>	<b>GTR</b>	<a href="#">Enroll</a>
Jun 21, 2021 – Jun 25, 2021	<a href="#">iMVP</a>	<b>GTR</b>	<a href="#">Enroll</a>
Aug 9, 2021 – Aug 13, 2021	<a href="#">iMVP</a>		<a href="#">Enroll</a>
Sep 20, 2021 – Sep 24, 2021	<a href="#">iMVP</a>		<a href="#">Enroll</a>

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