Fundamentals of IBM Operational Decision Manager

WB409 (Classroom)

ZB409 (Self-paced)

Course description

This course introduces solution architects to IBM Operational Decision Manager 8.10.5. Through presentations and hands-on labs, you learn about the core features of the ODM environments for developers and business users. You learn how to capture decision service requirements and how decision services can be integrated in a production environment.

This course is a subset of the 5-day course: *Developing Rule Solutions in IBM Operational Decision Manager 8.10.5* (WB404/ZB404). Developers who need in-depth training with Operational Decision Manager should take WB404/ZB404.

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

For information about other related courses, see the IBM Training website:

**ibm.com**/training

General information

Delivery method

Classroom or self-paced virtual classroom (SPVC)

Course level

ERC 1.0

Product and version

IBM Operational Decision Manager version 8.10.5

Audience

This course is designed for solution architects.

Learning objectives

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
* Describe how to integrate a decision service in a production environment

Prerequisites

None

Duration

1 day

Skill level

Intermediate

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| Classroom (ILT) setup requirements |
| Processor | Intel Xeon CPU X7560 @ 2.27GHz 4 CPU |
| GB RAM | 24 |
| GB free disk space | 120 |
| Network requirements | None |
| Other requirements | None |

Notes

The following unit and exercise durations are estimates, and might not reflect every class experience. If the course is customized or abbreviated, the duration of unchanged units will probably increase.

This is a new course.

Course agenda

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| Course introductionDuration: 7 hours and 15 minutes |

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| Unit 1. Introducing IBM Operational Decision ManagerDuration: 1 hour and 15 minutes |
| Overview | This unit introduces IBM Operational Decision Manager and describes the advantages of implementing a decision management solution in your organization. |
| Learning objectives | After completing this unit, you should be able to:* Explain the purpose of decision management
* Describe how the Operational Decision Manager architecture supports business and technical user roles and tasks
* Map the various roles that are involved in a decision management solution to roles in your organization
* Identify the need for governance
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| Exercise 1. Operational Decision Manager in actionDuration: 2 hours |
| Overview | In this exercise, you see how the Operational Decision Manager modules work together to provide comprehensive decision management across the business and development environments. |
| Learning objectives | After completing this exercise, you should be able to:* Explain the general workflow for working with decision services
* Identify the which tasks apply to your role in your organization
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| Unit 2. Developing decision servicesDuration: 1 hour |
| Overview | This unit outlines how to implement a decision service by using an agile approach. |
| Learning objectives | After completing this unit, you should be able to:* Identify the development tasks in building a decision management solution
* Describe how to set up a decision service in Rule Designer
* Share and synchronize the artifacts used in decision services between the business and development environments
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| Exercise 2. Setting up decision servicesDuration: 1 hour and 45 minutes |
| Overview | In this exercise, you learn how to set up decision services in Rule Designer. |
| Learning objectives | After completing this exercise, you should be able to:* Create main and standard decision service projects
* Set up the decision service to reference the execution object model (XOM)
* Generate a business object model (BOM) and a default vocabulary
* Create a decision operation
* Define ruleset variables and ruleset parameters
* Create rule packages
* Synchronize decision services with Decision Center
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| Unit 3. Key features of IBM Operational Decision ManagerDuration: 45 minutes |
| Overview | This unit introduces other features of IBM Operational Decision Manager and describes the advantages of various tools that can support any organization. |
| Learning objectives | After completing this unit, you should be able to:* Outline the association between rule vocabulary and the execution model
* Describe the rule engine and its execution modes
* Explain how client applications call a decision service
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| Unit 4. Course summaryDuration: 15 minutes |
| Overview | This unit summarizes the course and provides information for future study. |
| Learning objectives | After completing this unit, you should be able to:* Explain how the course met its learning objectives
* Identify IBM credentials that are related to this course
* Locate resources for further study and skill development
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For more information

To learn more about this course and other related offerings, and to schedule training, see **ibm.com**/training

To learn more about validating your technical skills with IBM certification, see **ibm.com**/certify