Developing Application Business Rules with Red Hat Decision Manager and exam

Course code: AD365

Introduction to authoring and deploying business rules with Red Hat Decision Manager.Red Hat Decision Manager is an open source business automation platform for business rules management that facilitates business policy and rules development, access, and management. Decision Manager includes a fast and highly efficient rule engine and easy-to-use rules development tools, management system, and git-based repository. In this course, you will learn how to author, test, and debug business rules, how to generate rule packages, and how Decision Manager's runtime environment executes rules using both drools and Decision Model Notation (DMN). This course is based on Red Hat Decision Manager 7.9. The Red Hat Certified Specialist in Decision Management exam (EX364) is included in this offering.

Who is the course for

This course is designed for application developers and business rules developers.

What we teach you

- Author rules with guided decision tables.
- Implement test-driven rule design using Business Central.
- Implement advanced rule field constraints with Drools Rule Language (DRL).
- Execute rules using the KIE API.
- Resolve rule conflicts with rule flow attributes.
- Author decisions with Decision Model Notation.
- Define rules for complex event processing.

Required skills

Java SE and Java EE experience is helpful.

Course outline

Introduction to Red Hat Decision Manager

Describe foundational concepts of business automation and Red Hat Decision Manager

Author Basic Rules in Business Central

Create and test basic rules using Business Central

Author Rules with DRL

Create DRL rules using advanced conditions and field constraints in Decision Central

Integrate Decision Manager Applications

Integrate Decision Manager applications with other applications using the Rest API and the Java API Client code

Implement Best Practices for DRL

Identify advanced conflict resolution and implementing best practices for DRL rules

Implement Decisions with DMN

Describe and use DMN to implement decisions in Red Hat Decision Manager

Define Rules for Complex Event Processing

Describe and use complex event processing (CEP) with rules

GOPAS