

AD183 Red Hat Application Development I: Programming in Java EE

Course Content –

Transition to multi-tiered applications

Describe Java EE features and distinguish between Java EE and Java SE applications.

Package and deploying applications to an application server

Describe the architecture of a Java EE application server, package an application, and deploy the application to an EAP server.

Create Enterprise Java Beans

Develop Enterprise Java Beans, including message-driven beans.

Manage persistence

Create persistence entities with validations.

Manage entity relationships

Define and manage JPA entity relationships.

Create REST services

Create REST APIs using the JAX-RS specification.

Implement Contexts and Dependency Injection

Describe typical use cases for using CDI and successfully implement it in an application.

Create messaging applications with JMS

Create messaging clients that send and receive messages using the JMS API.

Secure Java EE applications

Use JAAS to secure a Java EE application.

Comprehensive review of Red Hat JBoss Development I: Java EE

Demonstrate proficiency of the knowledge and skills obtained during the course.