Course # Oracle Data Integrator 12c: Advanced Integration and Development

Course Outline

Introduction

- Overview of Oracle Data Integrator

ODI Knowledge Modules: Overview

- Working with Knowledge Modules
- Developing Knowledge Modules
- ODI Knowledge Modules: Overview

Developing Knowledge Modules

- Using Substitution Methods: Code Examples
- Developing Knowledge Modules: Best Practices
- Using Java in KMs
- Troubleshooting Knowledge Modules

Designing ODI Integration Mappings

- Designing Integration Mappings: Best Practices
- Maintaining Integrity of Data
- Integration Process: Overview
- Integration Mappings: Overview

Designing Advanced Integration Mappings

- Partitioning
- ODI Mappings: Advanced Functionality
- Reusable Mappings

Using Variables in ODI

- Tracking Variables
- Using Variables: Overview
- Using Variables in ODI Objects

Accelerating Development with Groovy

- Using Groovy Editor
- Performing SDK Tasks Using Java with Groovy Editor
- Interacting Programmatically with ODI

Working with ASCII Files

- Complex Files: Configuring the Topology
- Complex Files in Integration Projects
- Complex Files Concepts: Overview

Integration of ODI in Enterprise Environment and SOA

- Invoking Web Services
- Using Web Services with ODI: Overview
- ODI Integration with Java EE
- Integration of ODI with SOA

Enhancing ODI Security

- Security Integration
- ODI Security: Overview
- Implementing a Strongly Secured Approach
- Configuring ODI External Authentication

Choosing Integration Strategies: Best Practices

- Working on ODI Projects: Best Practices
- Real-Time Data Integration: Using ODI with Oracle GoldenGate
- Strategies with Staging Area on the Target
- Strategies with Staging Area Different from the Target
- Using ODI for Bulk Processing
- Defining an ODI Integration Strategies

Cubes and Dimensions

- Create Cubes
- Overview of Dimensions
- Create Dimensions
- Overview of a Cube