

ODI12c-AID: Oracle Data Integrator 12c: Advanced Integration and Development Ed 2

Course Code: ODI12c-AID

Duration: 3 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

OVERVIEW

The Oracle Data Integrator 12c: Advanced Integration and Development training and certification course will give you the a detailed overview of advanced techniques for using Oracle Data Integrator 12c (ODI). During the training, you will learn to implement high-performance movement and transformation of data among various platforms.

SKILLS COVERED

On completion of this training, you will know:

- Describe GoldenGate integration
- Design advanced integration mappings
- Automate ODI tasks using Groovy
- Enhance ODI security with a strongly secured approach
- Expose ODI scenarios as web services
- Integrate ODI in an enterprise environment and SOA
- Describe best practices for implementing integration strategies
- Describe various ODI integration patterns
- Develop and enhance Knowledge Modules
- Describe BigData support

WHO SHOULD ATTEND?

- Database Administrators
- Business Analysts
- Technical Consultant

- Data Modelers
- SOA Architect
- Data Warehouse Administrator

PREREQUISITES

Oracle Data Integrator 12c: Integration and Administration

MODULES

Module 1: Introduction

- Overview of Oracle Data Integrator

Module 2: ODI Knowledge Modules: Overview

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

Module 3: Developing Knowledge Modules

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

Module 4: Designing ODI Integration Mappings

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

Module 5: Designing Advanced Integration Mappings

- Partitioning
- ODI Mappings: Advanced Functionality
- Reusable Mappings

Module 6: Using Variables in ODI

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

Module 7: Accelerating Development with Groovy

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

Module 8: Working with ASCII Files

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

Module 9: 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

Module 10: Enhancing ODI Security

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

Module 11: 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

Module 12: Cubes and Dimensions

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

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