

Oracle BI Applications 11g: Implementation using ODI

Duration: 3 Days

What you will learn

This Oracle BI Applications: Implementation Using ODI training provides step-by-step procedures for installing, configuring, managing, and customizing Oracle Business Intelligence Applications and Oracle Business Intelligence Warehouse. It begins by exploring Oracle BI Applications components and architecture.

Learn To:

Identify and describe the products, architecture and key components of Oracle Business Intelligence Applications.

Use Configuration Manager and Functional Setup Manager to configure Oracle BI Applications.

Identify and describe the security features of Oracle Business Intelligence Applications.

Manage the performance of Oracle Business Intelligence Applications and Oracle Business Analytics Warehouse.

Benefits to You

Enrolling in this course gives you the opportunity to view demonstrations of the installation steps and then perform post-installation set up of Oracle Business Intelligence Applications, Oracle Business Analytics Warehouse and Oracle Data Integrator. After the installation, expert Oracle University instructors will help you explore the prebuilt ETL metadata that ships with the products. This will help you gain an understanding of the ETL process and the relationships between the architecture components.

Explore Oracle Business Intelligence Applications Configuration

After the initial exploration, you use Oracle Business Intelligence Applications Configuration Manager and Functional Setup Manager to configure Oracle Business Intelligence Applications. You then use Configuration Manager to create, generate, execute, and monitor load plans, which run the ODI ETL processes that move data from a transactional source system into the Oracle Business Intelligence Warehouse.

Customize ODI ETL Metadata Objects

After the data is loaded, you'll learn how to use ODI Studio to customize ODI ETL metadata objects and the Oracle Business Intelligence Warehouse to accommodate new data for analysis. You will also develop the knowledge and skills to manage Oracle Business Intelligence Applications security and performance.

Audience

Application Developers, Business Analysts, Business Intelligence Developer, Data Modelers, Data Warehouse Administrator, Data Warehouse Analyst, Data Warehouse Developer, Technical Consultant

Course Topics

Oracle Business Intelligence Applications Overview

Oracle BI Applications components

Business areas supported in Oracle BI Applications

Oracle BI Applications Architecture

Oracle BI Applications components overview

Oracle BI Applications architecture overview Oracle BI Applications product lifecycle overview

Oracle Business Analytics Warehouse Content

- Pre-built star schemas in Oracle Business Analytics Warehouse
- Oracle Business Analytics Warehouse naming conventions
- Overview of Oracle Business Analytics Warehouse tables
- System columns in Oracle Business Analytics Warehouse tables

Installing Oracle Business Intelligence Applications

- Preinstallation and deployment requirements
- Installing Oracle BI Applications prerequisites
- Installing Oracle BI Applications
- Performing post-installation system set up tasks

Understanding the ETL Process

- ETL phases and processing overview
- Using ODI Studio to explore prebuilt ETL metadata
- Full ETL and incremental ETL
- Change capture
- ETL versus ELT

Functional Configuration for Oracle BI Applications

- Functional configuration overview
- Terminology related to Oracle BI Applications configuration
- Configuration Manager overview
- Functional Setup Manager overview
- Creating an implementation project
- Assigning configuration tasks to developers

Administering and Maintaining Functional Configuration Data

- Functional configuration data overview
- Administering and maintaining domains and domain mappings
- Editing domain members
- Administering and maintaining data load parameters
- Administering and maintaining reporting parameters

Managing Load Plans

- Defining, generating, executing, and monitoring load plans
- Troubleshooting and restarting load plans
- Managing load plan parameters

Customizing the Oracle Business Analytics Warehouse

- Customization types and scenarios overview
- Overview of category1 and category 2 customizations
- Impact of patches on customizations
- Applying an update strategy

Building a Category 1 Customization

- Adding columns to existing tables in the OBAW
- Creating custom ETL mappings for a category 1 customization
- Enabling versioning for a category 1 customization

Generating DDL scripts for a category 1 customization
Creating and executing a load plan for a category 1 customization

Building a Category 2 Customization

Adding a new dimension table to the OBAW
Creating custom ETL mappings for a category 2 customization
Enabling versioning for a category 2 customization
Generating DDL scripts for a category 2 customization
Creating and executing a load plan for a category 2 customization

Oracle BI Applications Security

Tools used to manage Oracle BI Applications security
Oracle BI Applications security levels
Exploring default security settings for Oracle BI Applications
Exploring ODI security

Managing Performance

Optimizing performance overview
Performance tuning recommendations