

Oracle BI Applications 7.9.6: Implementation for Oracle EBS

Duration: 4 Days

What you will learn

This Oracle BI Applications 7.9.6: Implementation for Oracle EBS training provides step-by-step procedures for installing, designing, customizing and configuring Oracle Business Intelligence (BI) Applications and Oracle Business Intelligence Warehouse (OBAW). It begins by exploring Oracle BI Applications components and architecture.

Learn To:

Install and configure Oracle Business Intelligence Applications and Oracle Business Analytics Warehouse.

Explore prebuilt ETL metadata, including Informatica workflows and mappings and DAC metadata.

Use the Data Warehouse Administration Console (DAC) to configure, manage and load the Oracle Business Analytics Warehouse.

Customize Informatica and DAC metadata.

Customize the Oracle Business Analytics Warehouse.

Manage Oracle Business Analytics Applications security and performance.

Explore the prebuilt extract, transform and load (ETL) metadata that ships with the products to gain an understanding of the ETL process and the relationships between the architecture components.

Review Informatica ETL tools by building custom ETL mappings and workflows.

Benefits to You

Enrolling in this course gives you the opportunity to view demonstrations of the installation steps and then perform post-installation configuration of Oracle BI Applications, OBAW and supporting technology. After the initial exploration, you'll use Informatica and the Data Warehouse Administration Console (DAC) to configure ETL metadata and run an execution plan to load Oracle E-Business Suite (EBS) data into the OBAW. After the data is loaded, expert Oracle University instructors will teach you how to customize the OBAW by adding columns to an existing dimension table, along with adding a new dimension.

Audience

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

Related Training

Suggested Prerequisites

Basic knowledge of SQL

Experience in Business Intelligence

Knowledge of Dimensional modeling, and database design

Oracle BI 11g R1: Create Analyses and Dashboards

Oracle BI 11g R1: Build Repositories

Working knowledge of Informatica PowerMart or PowerCenter

Course Objectives

Customize and extend the OBAW

Manage the security and performance of Oracle BI Applications

Customize DAC metadata

Explore Oracle Business Intelligence Applications foundational concepts and architecture

Install and configure Oracle BI Applications

Explore the prebuilt extract, transform, and load (ETL) metadata for Oracle BI Applications

Use the Data Warehouse Administration Console (DAC) to run ETL routines to populate the OBAW

Explore Oracle Business Analytics Warehouse (OBAW) foundational concepts and architecture

Course Topics

Oracle Business Intelligence Applications Overview

Exploring Oracle Business Intelligence (BI) Applications

Exploring the key components of Oracle BI Applications

Exploring Oracle BI Applications integration with transactional applications

Oracle Business Intelligence Applications Architecture Overview

Exploring the Oracle BI Applications logical architecture

Exploring the process flow of building the data warehouse

Employing the recommended deployment options to maximize data warehouse performance

Exploring the core components supporting the Oracle Business Analytics Warehouse (OBAW) and the functions perform

Oracle Business Analytics Warehouse Content

Exploring the content of the Oracle Business Analytics Warehouse (OBAW)

Exploring OBAW tables

Installing and Configuring Oracle BI Applications and Related Components

Identifying the installation prerequisites
Configuring DAC
Configuring Informatica Workflow Manager

Understanding the ETL Process

Exploring the extract, transform, and load (ETL) process used to load the Oracle Business Analytics Warehouse (OBAW)
Identifying the differences between a full load and an incremental load of the OBAW
Identifying the applications and mechanisms used to support the ETL process

Working with Informatica Designer

Identifying the Informatica repository objects used to configure the Oracle Business Analytics Warehouse (OBAW)
Navigating the set of tools in Informatica Designer used to configure Informatica repository objects

Working with Informatica Workflow Manager

Navigating Informatica Workflow Manager
Running workflows and sessions using Informatica Workflow Manager
Monitoring workflows using Informatica Workflow Monitor

Exploring SDE and SIL Mappings

Describing the differences between Source Dependent Extract (SDE) and Source Independent Load (SIL) mappings
Identifying typical objects and their mechanics in SDE and SIL mappings

Working with the Data Warehouse Administration Console (DAC)

Using the tools and views of the Data Warehouse Administration Console (DAC)
Describing DAC objects, how they relate to each other, and their roles in the Oracle Business Analytics Warehouse (OBAW)

Configuring Analytical Applications

Performing preload configuration steps that apply to Oracle Business Intelligence Applications deployed with any source
Configuring general ledger account hierarchies using general ledger accounting flexfield value set definitions
Mapping Oracle general ledger natural accounts to group account numbers
Creating a new metric in the repository after adding a new group account number

Customizing DAC Metadata and Running and Execution Plan

Creating custom metadata objects in the DAC
Running a DAC execution plan and monitoring the results

Customizing the Oracle Business Analytics Warehouse (OBAW)

Identifying and describing customization types and scenarios associated with OBAW
Applying OBAW customization best practices

Adding Columns to an Existing Dimension Table

Completing the steps in a Type I customization of the OBAW
Adding a column to an existing dimension table in the OBAW and populating it with data

Adding a New Dimension in OBAW

Performing the customization steps for adding a new dimension to the Oracle Business Analytics Warehouse

Integrating Security for Oracle BI Applications

Exploring the types of security in Oracle Business Intelligence Applications
Describing how Oracle BI integrates with the Oracle Fusion Middleware security platform
Identifying how BI Application object and data security integrate with EBS responsibilities

Managing OBAW Performance

Exploring strategies for increasing extract, transform, and load (ETL) and query performance

Identifying common performance bottlenecks

Configuring servers to optimize ETL and query performance