

Oracle BI Applications 7.9.6: Implementation for Siebel CRM

Duration: 4 Days

What you will learn

This Oracle BI Applications 7.9.6: Implementation for Siebel CRM training provides step-by-step procedures for installing, designing, customizing and configuring Oracle Business Intelligence (BI) Applications and Oracle Business Intelligence Warehouse (OBOW). It begins with an exploration of Oracle BI Applications components and architecture; you'll then view demonstrations of the installation steps and then perform post-installation configuration of Oracle BI Applications, OBOW and supporting technology.

Learn To:

Explore prebuilt DAC and Informatica metadata, change capture processing, and delete management that support ETL for Siebel source data.

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.

Install and configure BI Applications and the the Oracle Business Analytics Warehouse.

Benefits to You

After the initial exploration, expert Oracle University instructors will teach you how to use Informatica and the Data Warehouse Administration Console (DAC) to configure ETL metadata and run a custom execution plan to load a subset of Siebel CRM data into the OBOW. Next, you'll learn how to customize the OBOW by adding columns to an existing dimension table and adding a new dimension table.

Learn the ETL Process

After the products are configured, you'll 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. You'll then explore Informatica ETL tools by building custom ETL mappings and workflows.

Oracle BI Applications Security

The course also reviews how Oracle BI Applications security is integrated with other Oracle products and how incremental updates and change capture processes are managed in ETL for Siebel data. You'll learn how deletes are captured and applied to the data warehouse and how to manage OBOW performance.

Audience

Application Developers , Business Intelligence Developer ,Data Modelers, Data Warehouse Administrator ,Data

Warehouse Analyst, Data Warehouse Developer, Technical Consultant

Course Topics

Oracle Business Intelligence Application: 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 OBAW and the functions performed by each core component

Oracle Business Analytics Warehouse Content

Exploring the content of the OBAW
Exploring OBAW tables

Installing Oracle Business Intelligence Applications

Identifying the installation prerequisites
Configuring the Data Warehouse Administration Console (DAC)
Configuring Informatica Workflow Manager

Understanding the ETL Process

Exploring the extract, transform, and load (ETL) process used to load the 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 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

Using the tools and views of the DAC
Describing DAC objects, how they relate to each other, and their roles in the OBAW ETL process

Configuring Analytical Applications

Performing preload configuration steps that apply to Oracle Business Intelligence Applications deployed with any source

Customizing DAC Metadata and Running an Execution Plan

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



Customizing Oracle Business Analytics Warehouse

Identifying and describing customization categories and scenarios associated with OBAW

Applying OBAW customization best practices

Adding Columns to an Existing Dimension Table

Completing the steps in a Category 1 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

Completing the steps in a Category 2 customization of the OBAW

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

Integrating Security for Oracle Business Intelligence Applications

Exploring the types of security in Oracle BI Applications

Describing how Oracle BI integrates with the Oracle Fusion Middleware security platform

Identifying how BI Application object and data security integrate with Siebel responsibilities

Exploring the Change Capture Process

Describing the change capture process

Exploring and generating change capture tables and views

Capturing and Applying Deletes

Generating and executing delete triggers

Building mappings to capture and apply deletes

Managing OBAW Performance

Exploring strategies for increasing ETL and query performance

Identifying common performance bottlenecks

Configuring servers to optimize ETL and query performance