Oracle Business Intelligence Foundation
Suite 11g Essentials Exam Study Guide

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Objective & Audience

Objective

Help you prepare to take the Oracle Business Intelligence Foundation Suite 11g Essentials exam by providing pointers to resources that you can use in your preparation.

Targeted Audience

• Technical Consultants
• Strong foundation and expertise in implementing Oracle Business Intelligence Foundation Suite 11g
• Participated in Oracle Business Intelligence 11g implementations
• Up-to-date training and field experience are recommended
Exam Topics

The Oracle Business Intelligence Foundation Suite 11g Essentials exam consists of following topics:

- Oracle BI and EPM System Overview
- OBI EE Architecture
- Oracle BI Installation
- OBI EE User Interface Overview
- Dimensional Modeling
- Oracle BI Repository Overview
- Build Basic Repository
- Repository Testing and Deployment
- Complex Repository Modeling
- Advanced Repository Modeling
- Building a Repository with Multiple Sources
- Hierarchies and Level Based Measures
- Using Variables
- Implementation Methodology and Best Practices
- Oracle Business Intelligence Enterprise Edition Security
- Cache Management & Performance Tuning
- MS Office Integration
- Spatial Integration
- Write Back within OBI EE
- Essbase Integration
Exam Objectives

The exam objectives are defined by learner or practitioner level of knowledge:

- **Learner-level**: questions require the candidate to recall information to determine the correct answer.

  Example: Define the term network.

- **Practitioner-level**: questions require the candidate to derive the correct answer from the application of their knowledge, which can only be attained by extensive experience with the product.

  Example: The client requests xyz functionality, would you recommend a, b or c?
Training Options

For each exam topic there have been identified alternative training options that are available at Oracle. The training options are divided into three categories:

• **Boot Camps**
  The Boot Camps are designed as a "jump start" training to enhance your skills by providing role-based training on industry-leading Oracle solutions and services. The boot camps are built as concise, intensive, and real-time training to give partners a competitive advantage as they prepare to build powerful solutions for their own customer base. Partners can choose to attend these boot camps in class or in a live virtual class format to maximize the effectiveness and the time allocated to training.

• **Instructor-Led Training (delivered by Oracle University)**
  Partners can take any publicly-scheduled Oracle University courses at steep discounts. Benefit from hands on experience to gain real working skill and work toward Oracle certifications.

• **Online Training**
  Oracle Partners are entitled free access to the Oracle Knowledge Center (OUKC), a vast library of recorded product courses. New courses are regularly added to the library, providing partners with the latest information and training to master new products or to increase proficiency on the new releases.
Topic 1: Oracle BI and EPM System Overview

Objectives
• Describe how OBIEE addresses business intelligence challenges
• Describe the Oracle Business Intelligence Enterprise Edition (OBIEE) products

Level
Learner

Training Options
• Boot Camp
  – Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

What does the Oracle BI Foundation Suite consists of ?
• A. Oracle BI Enterprise Edition Plus
• B. Oracle Scorecard
• C. Endeca Information Delivery
• D. Hyperion Financial Management
• E. Oracle Discoverer

Answer: A,B
Topic 2: OBI EE Architecture

Objectives

- Describe major components of the OBIEE architecture
- Describe the function of each component

Level

- Learner
- Learner

Training Options

- Boot Camp
  - Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

What does the common Enterprise Information Model provide?

- A. A Common Metadata Foundation across all data sources
- B. A dimensional data model
- C. ETL data dictionary
- D. A consolidated model for MDX queries

Answer: A
Topic 3: Oracle BI Installation

Objectives

- Describe the Installation Architecture for OBI EE
- Explain system requirements, supported platforms and installation pre-requisites
- Install OBIEE

Level

Learner

Training Options

- Boot Camp
  - Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

Name the three components of a Cluster Server?

- A. Master Server
- B. Repository Publishing Directory
- C. Primary Cluster Controller
- D. Web Server
- E. Server Request Controller

Answer: A, B, C
Topic 4: OBI EE User Interface Overview

Objectives
- Describe the components of OBI EE User Interface
- Perform Oracle Analysis to construct, modify, and save BI requests
- Build Dashboards
- Create BI Delivers

Level
- Learner
- Practitioner

Training Options
- Boot Camp
  - Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

Identify the two components that can be used to customize the user interface in Oracle BI Presentation Services?

- A. Dashboard Editor
- B. Styles and Skins
- C. XML Message Files
- D. Scripts in installation folders
- E. VBScripts

Answer: B, C
Topic 5: Dimensional Modeling

Objectives

- Describe the differences between Transactional and Analytical Systems
- Describe Data Warehousing
- Build Dimensions, Facts and Hierarchies
- Explain Dimensional Modeling

Level

- Learner
- Learner
- Practitioner
- Learner

Training Options

- Boot Camp
  - Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

In a dimensional model, if you want to capture history for a slowly changing dimension, what methodology would you use?

- A. Type I Slowly Changing Dimension
- **B. Type II Slowly Changing Dimension**
- C. Type III Slowly Changing Dimension
- D. Type IV slowly Changing Dimension

Answer: B
Objectives

- Describe the three layers of the OBI Repository
- Use the Administration Tool to view and modify the repository

Level

- Learner

Training Options

- Boot Camp

  - Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

The import feature of the OBI Repository allows you to import objects into the repository from

- A. Another Multi Dimensional Source
- **B. The Database**
- C. Another Repository
- D. All of the above

Answer: B
Topic 7: Build Basic Repository

Objectives
• Define a System Data Source Name (DSN) for a data source
• Build the Physical layer of the Repository
• Build the Logical layer of the Repository
• Build the Presentation layer of the repository

Training Options
• Boot Camp
  – Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions
What is the correct method to edit the Oracle BI repository?

• A. All major enhancements and developments should be made in the Online Mode
• B. All major enhancements and developments should be made in the Offline Mode
• C. Always make major enhancements and developments in the database and never on the BI Repository
• D. Always edit the file using a text editor on the server

Answer: B
Topic 8: Repository Testing and Deployment

Objectives

- Describe techniques for testing a repository
- Validate and test a repository

Level

Learner
- Practitioner

Training Options

- Boot Camp
  - Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

When you open a sales.rpd file in the BI Server repository directory, it displays a message “The repository sales.rpd can only be opened as Read-Only. Do you want to open it?”. What is the correct statement?

- A. Oracle BI Presentation services is running
- B. Sales.rpd file can be opened only in the Online mode
- C. Oracle BI Server is running and Sales.rpd is the default repository
- D. None of the above

Answer: C
Topic 9: Complex Repository Modeling

Objectives

• Describe Derived Metrics and its use
• Configure Derived metrics based on existing logical columns
• Configure Derived metrics based on physical columns

Level

• Learner
• Practitioner

Training Options

• Boot Camp
  – Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

What do you use to Model a schema where the dimension table and the fact table have a many to many relationship?

• A. Complex Join
• B. Aggregate Table
• C. Helper Table
• D. Split Table
• E. Bridge Table

Answer: E
Topic 10: Advanced Repository Modeling

Objectives

- Create Data Partitioning
- Create Segmentation of Data
- Create Time Series Data

Level

- Practitioner

Training Options

- Boot Camp
  - Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

Which layer within the Oracle BI Repository provides customized, role based views to users who build analyses and other client applications?

- A. Physical Layer
- B. ETL Layer
- C. Business Model and Mapping Layer
- D. Presentation Layer

Answer: D
Topic 11: Building a Repository with Multiple Sources

Objectives

- Add multiple sources to an existing logical table source for a dimension in the business model
- Add a second table source to a dimension in the business model

Training Options

- Boot Camp
  - Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

OBIEE can connect natively to the following MOLAP data sources (Check all that apply)

- A. Oracle Essbase
- B. Oracle OLAP
- C. SQL Server Analytic Services
- D. SAP BW
- E. All of the above

Answer: E
Topic 12: Hierarchies and Level Based Measures

Objectives

• Create a dimensional hierarchy
• Use level-based measures
• Create a rank measure
• Describe Aggregate tables and the purpose they serve
• Create Aggregate tables in the OBI repository

Training Options

• Boot Camp
  – Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

Which layer allows you to define the data hierarchy, define dimensions and measures for multidimensional analysis and create predefined calculations?

• A. Presentation Layer
• B. Business Model and Mapping Layer
• C. Physical Layer
• D. ETL Layer

Answer: B
Topic 13: Using Variables

Objectives
- Explain session variables
- Describe repository variables
- Describe initialization blocks
- Implement a dynamic repository variable

Level
- Learner
- Learner
- Learner
- Practitioner

Training Options
- Boot Camp
  - Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

What is the name of the object that is used to initialize dynamic repository variable and system session variables for OBIEE Sessions?

- A. Tokens
- B. Variables
- C. Initialization Blocks
- D. Meta Tags

Answer: C
Topic 14: Implementation Methodology and Best Practices

Objectives

• Describe the implementation phases  

Level

Learner

Training Options

• Boot Camp
  – Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

Why do you use Aliases in the Physical Layer of the repository?

• A. To remove Complexity
• B. To hide original Objects
• C. To enforce naming conventions
• D. To avoid Circular Joins

Answer: D
Topic 15: Oracle Business Intelligence Enterprise Edition Security

Objectives

- Describe authentication and authorization
- Describe the different levels at which security is enforced
- Configure security using Security Manager
- Configure Query Governing controls

Level

- Learner
- Learner
- Practitioner
- Practitioner

Training Options

- Boot Camp
  - Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

In a multi user environment, how do you resolve project conflicts?

- A. The Administration tool locks projects on the server to avoid conflicts
- B. Always delete local changes when checking in files to avoid conflicts
- C. Conflicts are resolved during the Check-In process
- D. Multiple users cannot work on projects at the same time.

Answer: C
Topic 16: Cache Management & Performance Tuning

Objectives

- Explain the purpose of cache in OBI EE
- Configure caching and manage cache files
- Develop caching strategies
- Describe the request and data flow in OBI EE

Level

- Learner
- Practitioner
- Practitioner
- Learner

Training Options

- Boot Camp
  - Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

When you want to schedule an Analysis to run at a pre determined timeframe, what component will you use?

- A. Action Framework
- B. Scorecard
- C. KPI
- D. Agent

Answer: D
Topic 17: MS Office Integration

Objectives

- Use MS Office Plug-In for OBI EE
- Describe the required components to enable office integration
- Install and configure MS office server and client for OBI EE

Level

- Practitioner
- Learner
- Practitioner

Training Options

- Boot Camp
  - Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

Security features for the Oracle BI plug-in for Microsoft Office include:

- A. The ability to secure tables and graphs in Office applications so users must credentials to view Oracle BI Data
- B. Support for the Oracle BI Security Model including support for both encrypted (SSL) and Single Sign On modes
- C. Only A
- D. Both A & B

Answer: D
Topic 18: Spatial Integration

Objectives

• Explain Spatial Intelligence and Integration
• Add Map based visualization to OBI EE

Level

Learner
Practitioner

Training Options

• Boot Camp
  – Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

What are the tools that can be used to construct map based applications for use in Oracle BI?

• A. Google Maps
• B. Oracle Mapviewer
• C. Endeca Infront
• D. Oracle Map Information Server

Answer: A,B
Topic 19: Write Back within OBI EE

Objectives

- Describe Write Back capabilities
- Configure Write Back with OBI EE

Level

- Learner
- Practitioner

Training Options

- Boot Camp
  - Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

How would you enable an Analysis to “listen” for Dashboard Prompts?

- A. Create a variable in Analysis and then Create a similar variable in the Dashboard Prompt
- B. When building a filter in Analysis, select “Is Prompted”
- C. By Creating an Initialization Block
- D. Through Custom Scripting

Answer: B
Topic 20: Essbase Integration

Objectives

- Implement Essbase as a Data Source
- Configure BI Server Metadata for Essbase
- Explain Essbase Integration

Level

- Practitioner
- Practitioner
- Learner

Training Options

- Boot Camp
  - Oracle Business Intelligence Enterprise Edition Plus Implementation Boot Camp

Sample Questions

Which of the following tools provide viable methods to view Essbase Data?

- A. Smartview
- B. OBIEE
- C. SQL Developer
- D. Essbase Administration Services

Answer: A, B, D
Exam Registration

- **How to register for the exam?**
  You can register for all Oracle certification exams with Pearson VUE. Before a registration can be submitted, a Pearson VUE profile must be created using your Company ID. Your Company ID can be obtained by contacting your local Oracle Partner Business Center or by signing in to your OPN account. Your Company ID is located in the section on the right under "Company information”.

  Please follow these instructions in order to properly set-up your Pearson VUE account for the first time.

- **Have you completed an Oracle Certification Exam in the past?**
  Due to systems enhancements, each partner who has completed an Oracle Certification Exam will need to update their Pearson VUE profile in order to receive credit and for those records to appear in the OPN Competency Center.

- **How to get full recognition as Certified Implementation Specialist?**
  To get full recognition as a Certified Implementation Specialist you need to:
  A. Update your Pearson VUE profile with your Company ID
  B. Activate your Certview Account

  Please follow these instructions and your records will be properly recorded.
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