Oracle Business Intelligence Foundation Essentials – Exam Study Guide

The Oracle Business Intelligence Foundation Essentials Exam Study Guide highlight the training options mapped to each exam topic to guide students in their preparation to pass the Oracle Business Intelligence Foundation Essentials (1Z0-526). The exam targets the intermediate-level implementation team member. Up-to-date training and field experience are recommended.

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

Learner-level: questions require the candidate to recall information to derive the correct answer
Practitioner-level: questions require the candidate to derive the correct answer from an application of their knowledge

For each exam topic there have been identified alternative training options that are available at Oracle. Please note that some of the training recommended can cover multiple exam topics.

The exam covers 19 topics.

Topic 1: Oracle BI and EPM System Overview

Objectives
Describe Oracle’s overall EPM System
Define and describe business analytics and business intelligence
Describe how OBIEE addresses business intelligence challenges
Identify and describe the Oracle Business Intelligence Enterprise Edition (OBIEE) products and components

Level
Learner
Learner
Learner
Learner

Training Options

Boot Camp

• Oracle BI EE 10.1.3 Implementation Boot Camp - LVC

Topic 2: OBI EE Architecture

Objectives
Identify major components of the OBIEE architecture
Describe the function of each component

Level
Learner
Learner
Training Options

Boot Camp

- Oracle BI EE 10.1.3 Implementation Boot Camp - LVC

OU class

- Oracle BI 10g: Analytics Overview

Topic 3: Oracle BI Installation

Objectives

Explain system requirements, supported platforms and installation
pre-requisites
Successfully install OBIEE

Level

Learner
Practitioner

Training Options

Boot Camp

- Oracle BI EE 10.1.3 Implementation Boot Camp - LVC

Topic 4: BI EE User Interface Overview

Objectives

Describe Oracle BI Answers, Dashboards and Delivers
Use Oracle Answers to construct, modify, and save BI requests
Use Oracle Answers to construct, modify, and save Filters
Use Oracle BI Presentation Catalog to create and modify catalog
folders

Level

Learner
Practitioner
Practitioner
Practitioner

Training Options

Boot Camp

- Oracle BI EE 10.1.3 Implementation Boot Camp - LVC
OU class

- **Oracle BI 10g: Analytics Overview**

OTN - Oracle by Example

- **Creating Interactive Dashboards and Using Oracle Business Intelligence Answers**

**Topic 5: Dashboards and Answers Development**

**Objectives**

<table>
<thead>
<tr>
<th>Use Intelligence Dashboard UI objects to construct an Intelligence Dashboard</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Configure delivery devices</td>
<td>Learner</td>
</tr>
<tr>
<td>Add delivery profiles</td>
<td>Practitioner</td>
</tr>
<tr>
<td>Build Analytics alerts</td>
<td>Practitioner</td>
</tr>
<tr>
<td>Create iBots</td>
<td>Practitioner</td>
</tr>
</tbody>
</table>

**Training Options**

**Boot Camp**

- **Oracle BI EE 10.1.3 Implementation Boot Camp - LVC**

**OU class**

- **Oracle BI Suite EE 10g R3: Create Reports and Dashboards**

**OTN - Oracle by Example**

- **Creating Interactive Dashboards and Using Oracle Business Intelligence Answers**

**Topic 6: Dimensional Modeling**

**Objectives**

<table>
<thead>
<tr>
<th>Describe Data Warehousing</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Describe Dimensions, Facts and Hierarchies</td>
<td>Learner</td>
</tr>
</tbody>
</table>

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Training Options

Boot Camp

- Oracle BI EE 10.1.3 Implementation Boot Camp - LVC

OU class

- Oracle BI Suite EE 10g R3: Build Repositories

OTN - Oracle by Example

- Creating Interactive Dashboards and Using Oracle Business Intelligence Answers

Topic 7: Oracle BI Repository Overview

Objectives

| Describe the three layers of the OBI Repository | Learner |
| Use the Administration Tool to view and modify the repository | Practitioner |

Training Options

Boot Camp

- Oracle BI EE 10.1.3 Implementation Boot Camp - LVC

OU class

- Oracle BI Suite EE 10g R3: Build Repositories

OTN - Oracle by Example

- Creating Interactive Dashboards and Using Oracle Business Intelligence Answers
**Topic 8: 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

**Level**
- Practitioner

**Training Options**

**Boot Camp**
- Oracle BI EE 10.1.3 Implementation Boot Camp - LVC

**OU class**
- Oracle BI Suite EE 10g R3: Build Repositories

**OTN - Oracle by Example**
- Creating Interactive Dashboards and Using Oracle Business Intelligence Answers

**Topic 9: Repository Testing and Deployment**

**Objectives**
- Describe techniques for testing a repository
- Execute steps to validate and test a repository

**Level**
- Learner
- Practitioner

**Training Options**

**Boot Camp**
- Oracle BI EE 10.1.3 Implementation Boot Camp - LVC

**OU class**
- Oracle BI Suite EE 10g R3: Build Repositories
Topic 10: **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 BI EE 10.1.3 Implementation Boot Camp - LVC](#)

**OU class**
- [Oracle BI Suite EE 10g R3: Build Repositories](#)

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

**Level**
- Practitioner

**Training Options**

**Boot Camp**
- [Oracle BI EE 10.1.3 Implementation Boot Camp - LVC](#)

**OU class**
- [Oracle BI Suite EE 10g R3: Build Repositories](#)


**Topic 12: Hierarchies and Level Based Measures**

**Objectives**

<table>
<thead>
<tr>
<th>Create a dimensional hierarchy</th>
<th>Practitioner</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use level-based measures</td>
<td>Practitioner</td>
</tr>
<tr>
<td>Create a rank measure</td>
<td>Practitioner</td>
</tr>
<tr>
<td>Describe Aggregate tables and the purpose they serve</td>
<td>Learner</td>
</tr>
<tr>
<td>Create aggregate tables in the OBI repository</td>
<td>Practitioner</td>
</tr>
</tbody>
</table>

**Training Options**

**Boot Camp**

- Oracle BI EE 10.1.3 Implementation Boot Camp - LVC

**OU class**

- Oracle BI Suite EE 10g R3: Build Repositories

**Topic 13: Using Variables**

**Objectives**

<table>
<thead>
<tr>
<th>Describe session variables</th>
<th>Learner</th>
</tr>
</thead>
<tbody>
<tr>
<td>Describe repository variables</td>
<td>Learner</td>
</tr>
<tr>
<td>Describe initialization blocks</td>
<td>Learner</td>
</tr>
<tr>
<td>Implement a dynamic repository variable</td>
<td>Practitioner</td>
</tr>
</tbody>
</table>

**Training Options**

**Boot Camp**

- Oracle BI EE 10.1.3 Implementation Boot Camp - LVC

**OU class**

- Oracle BI Suite EE 10g R3: Build Repositories
Topic 14: Using Non-Dimensional Data

Objectives
- Prototype using a spreadsheet
- Model a non-dimensional data source

Level
- Practitioner

Training Options

Boot Camp
- Oracle BI EE 10.1.3 Implementation Boot Camp - LVC

OU class
- Oracle BI Suite EE 10g R3: Build Repositories

Topic 15: Implementation Methodology and Best Practices

Objectives
- Describe and apply a recommended approach for implementing Oracle BI
- Identify various implementation phases
- Employ Oracle recommended implementation best practices

Level
- Learner
- Practitioner

Training Options

Boot Camp
- Oracle BI EE 10.1.3 Implementation Boot Camp - LVC

Topic 16: Oracle BI Security

Objectives
- Define authentication and authorization
- Describe the different levels at which security is enforced
- Configure security using Security Manager
- Configure query governing controls

Level
- Learner
- Practitioner
Training Options

Boot Camp

- Oracle BI EE 10.1.3 Implementation Boot Camp - LVC

Topic 17: Cache Management

Objectives

- Explain the purpose of cache in OBI
- Configure caching and manage cache files
- Develop caching strategies

Level

- Learner
- Learner
- Practitioner

Training Options

Boot Camp

- Oracle BI EE 10.1.3 Implementation Boot Camp - LVC

Topic 18: Performance Tuning

Objectives

- Describe the request and data flow in Oracle BI
- Identify sources of performance bottlenecks and best practices for making improvements

Level

- Learner
- Practitioner

Training Options

Boot Camp

- Oracle BI EE 10.1.3 Implementation Boot Camp - LVC

Topic 19: MS Office Integration

Objectives

- Use MS Office plug in for Oracle BI
- Identify the required components to enable office integration
- Install and configure MS office server and client for Oracle BI

Level

- Learner
- Learner
- Learner
Training Options

Boot Camp

- Oracle BI EE 10.1.3 Implementation Boot Camp - LVC

OTN - Oracle by Example

- Using Microsoft Office Addin