Oracle Essbase 11 Essentials – Exam Study Guide

The Oracle Essbase 11 Essentials Exam Study Guide highlight the training options mapped to each exam topic to guide students in their preparation to pass the Oracle Essbase 11 Essentials (1Z0-531).

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 8 topics.

Topic 1: Overview of Oracle Essbase

Objectives
- Describe multidimensional analysis
- Describe Oracle Essbase

Level
- Learner
- Learner

Training Options

OU InClass
- Oracle Essbase 11.1.1: Bootcamp

ILearning
- Oracle Essbase 11.1.1 New Features

Self_Study CD
- Oracle Essbase 11.1.1: Bootcamp - Self-Study CD Course

OTN - Oracle by Example
- Lesson 1: Essbase Overview
Topic 2: Smart View

Objectives
- Describe Smart View
- Retrieve Data using Smart View

Training Options

**OU InClass**
- Oracle Essbase 11.1.1: Bootcamp
- Oracle Hyperion Smart View 11.1.1 for Essbase

**Self_Study CD**
- Oracle Essbase 11.1.1: Bootcamp - Self-Study CD Course
- Oracle Hyperion Smart View 11.1.1 for Essbase - Self-Study CD Course

Topic 3: Essbase Application Creation Fundamentals

Objectives
- Perform manual outline creation
- Build dimensions from sources
- Perform initial data loads
- Use calculations and aggregations
- Assign security

Training Options

**OU InClass**
- Oracle Essbase 11.1.1: Bootcamp

**ILearning**
- Oracle Essbase 11.1.1: Calculate Databases Ed 1

**Self_Study CD**
- Oracle Essbase 11.1.1: Bootcamp - Self-Study CD Course

**OTN - Oracle by Example**
- Lesson 2: Creating Applications and Databases
Lesson 3: Working with Outlines
Lesson 4: Loading Dimensions and Data
Lesson 5: Calculating Data
Lesson 6: Analyzing Data

Topic 4: Aggregate Storage Databases

Objectives
- Describe when to deploy aggregate storage, block storage, or a combined solution
- Convert block storage to aggregate storage
- Create, load, and pre-aggregate aggregate storage databases
- Employ database partitioning in combined block/aggregate storage solutions
- Write member formulas using MDX
- Perform management tasks for aggregate storage databases
- Partition block and aggregate storage databases
- Describe and implement aggregate storage design best practices
- Describe multiple hierarchies and the use of Shared Members

Level
- Practitioner
- Learner

Training Options

OU InClass
- Oracle Essbase 11.1.1: Deploy Aggregate Storage Databases

Self_Study CD
- Oracle Essbase 11.1.1: Bootcamp - Self-Study CD Course

Topic 5: Block Storage Databases

Objectives
- Describe block storage calculations
- Describe the default database calculation order
- Describe data blocks
- Describe how data blocks are indexed
- Interpret database statistics
- Describe when data blocks are created
- Describe the block storage database calculation process
- Tune and optimize block storage databases
- Describe and implement block storage design best practices
- Describe BSO load techniques

Level
- Learner
- Practitioner
- Learner
Training Options

OU InClass

- Oracle Essbase 11.1.1: Bootcamp
- Oracle Essbase 11.1.1: Deploy Aggregate Storage Databases

Self - Study CD

- Oracle Essbase 11.1.1: Bootcamp - Self-Study CD Course

Topic 6: Working with Calculation Scripts

Objectives

| Identify correct and incorrect calculation script syntax | Learner |
| Describe calculation script behavior for various ASO data structures | Learner |
| Describe calculation script behavior for various BSO data structures | Learner |
| Design calculation scripts to meet specified requirements | Practitioner |

Training Options

OU InClass

- Oracle Essbase 11.1.1: Bootcamp

Self - Study CD

- Oracle Essbase 11.1.1: Bootcamp - Self-Study CD Course

Topic 7: Essbase Administration

Objectives

| Describe the file Essbase.cfg and its settings. | Learner |
| Describe the file Essbase.sec and its settings. | Learner |
| Identify and interpret Essbase log files | Practitioner |
| Manage Essbase security via Administration Services | Practitioner |
| Manage Essbase security via Shared Services | Practitioner |
| Back up and recover Block Storage Databases | Practitioner |
| Automate database processes with MaxL | Practitioner |
| Describe and use substitution variables and location aliases | Learner |
Training Options

OU InClass

- Oracle Essbase 11.1.1: Bootcamp
- Oracle Essbase 11.1.1 for System Administrators

Self - Study CD

- Oracle Essbase 11.1.1: Bootcamp - Self-Study CD Course

Topic 8: Essbase Studio

Objectives

<table>
<thead>
<tr>
<th>Description</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Describe functionality of Essbase studio</td>
<td>Learner</td>
</tr>
<tr>
<td>Add and delete joins between tables</td>
<td>Learner</td>
</tr>
<tr>
<td>Create drill through reports</td>
<td>Learner</td>
</tr>
</tbody>
</table>

Training Options

OU InClass

- Oracle Essbase Studio 11.1.1: Create and Manage Data Structures

iLearning

- Oracle Essbase Studio 11.1.1 Overview
- Oracle Essbase Studio 11.1.2 New Features