Oracle GoldenGate 11g Certified Implementation Exam Essentials
Exam Study Guide

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Help you prepare to take the Oracle GoldenGate 11g Certified Implementation Exam Essentials (1Z1-481) certification exam by providing pointers to resources that you can use in your preparation.
Targeted Audience

- Presales Consultants and Implementation Consultants
- 3 to 5 years of advanced DW, DI or ETL experience
- Participation in 3 OGG implementations
- The exam targets the intermediate-level implementation team member
- Up-to-date training from Oracle University: Oracle GoldenGate 11g Fundamentals & Oracle GoldenGate 11g Advanced Configuration for Oracle courses and field experience are required to pass the exam
Exam Topics

The Oracle GoldenGate 11g exam consists of seven topics:

1. Oracle GoldenGate (OGG) Overview
2. Oracle GoldenGate Architecture
3. Configuring Oracle GoldenGate
4. Oracle GoldenGate Parameters
5. Oracle GoldenGate Mapping and Transformations
6. Oracle GoldenGate Configuration Options
7. Managing and monitoring Oracle GoldenGate
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.

- 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.
Topic 1: Oracle GoldenGate (OGG) Overview

Objectives

- OGG functionality, supported platforms and databases
- OGG Veridata and Management Pack functionality and use cases
- Transactional Data Replication (TDM) and DML replication, and OGG real-time processing and batch processing

Level

- Learner

Training Options

- Oracle University Training
  - Oracle GoldenGate 11g: Fundamentals for Oracle

Sample Question

- Which database platform does GoldenGate not natively support?

  A. Sybase
  B. FoxPro
  C. DB2
  D. Teradata
Topic 2: OGG Architecture

Objectives

• Describe OGG components
• Configure the OGG recovery process

Level
Learner
Practitioner

Training Options

• Oracle University Training
  – Oracle GoldenGate 11g: Fundamentals for Oracle

Sample Question

• What is the GoldenGate command line interface?

A. SQLCUI
B. GGSCI
C. GGCTRL
D. GGCUI
Topic 3: Configuring OGG

Objectives

- Configure databases with OGG schema check script and identify pre-requisites for OGG installation
- Installing OGG
- Configure replication components
- Configure OGG Command Interface and Trail file configuration / management
- Initial load strategy
- Explain the functionality of the OGG utilities
- Identify and resolve issues in heterogeneous replication

Level

Practitioner

Training Options

- Oracle University Training
  - Oracle GoldenGate 11g: Fundamentals for Oracle

Sample Questions

- When implementing GoldenGate on a 11gR2 Oracle database and after running the GoldenGate Database profiling script, you discover that certain objects are compressed, what should you do?

  A. Contact Oracle support
  B. Continue the implementation of OGG and exclude those objects from replication
  C. Configure OGG with Classic Capture
  D. Configure OGG with Integrated Capture
Topic 4: OGG Parameters

Objectives

- Explain the impact of parameter changes on OGG processes
- Implementing solutions using component parameters for replication
- Commonly used OGG parameters

Level

- Learner
- Practitioner

Training Options

- Oracle University Training
  - Oracle GoldenGate 11g: Fundamentals for Oracle

Sample Question

Which Replicat parameter is used when looking up table definitions in a file?

A. SPECIALRUN
B. DEFERAPPLYINTERVAL
C. SOURCEISFILE
D. SOURCEDEFS
Topic 5: OGG Mapping and Transformation Overview

Objectives

• Implementing use cases for transformation functions
• Implementing macros to simplify configuration

Level
Practitioner
Practitioner

Training Options

• Oracle University Training
  – Oracle GoldenGate 11g: Fundamentals for Oracle

Sample Question

• Select the function that stores environmental values.

  A. GGENVIRONMENT
  B. @COLGEN
  C. @GETENV
  D. ETOKEN
Topic 6: OGG Configuration Options

Objectives

- OGG configuration options (DDL, compression and encryption options)  
  Learner
- Configuring OGG Event Actions  
  Practitioner
- Configuring Integrated Capture and deployment options  
  Practitioner
- Troubleshooting conflict detection and resolutions  
  Practitioner

Training Options

- Oracle University Training
  - Oracle GoldenGate 11g: Fundamentals for Oracle

Sample Question

- Select the statement that is supported by OGG DDL Replication.

  A. ENCRYPT
  B. ALTGLOBAL
  C. CREATE ROLE
  D. ALTDB
Topic 7: Managing and Monitoring OGG

Objectives
• Managing OGG command and data security
• Implementing and troubleshooting OGG Monitoring
• Enterprise Manager 12c plug-in

Level
Practitioner

Training Options
• Oracle University Training
  – Oracle GoldenGate 11g: Fundamentals for Oracle

Sample Question
• Select the commands that give statistics regarding OGG process and memory resource usage.

  A. SEND...REPORT
  B. SEND...STATS
  C. SEND...CACHEMGR
  D. INFO...SHOWSTATS
Exam Registration

• **Taking an Oracle Certification Exam for the first time?**
  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".

• **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.

  You can find a short tutorial on how to set-up your Pearson VUE account here.
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