The Oracle GoldenGate 10g Essentials (1Z0-531) Exam Study Guide is designed to provide students with the information that can help them learn more to pass the Oracle GoldenGate 10g Essentials Exam (1Z0-531).

The exam audience is represented by professionals that have a strong foundation and expertise in Oracle Golden Gate. 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 7 topics.

Topic 1: Oracle GoldenGate Overview

Objectives
Apply OGG components and functionality
Classify OGG supported platforms and databases
Identify OGG Veridata and Director functionality and use cases

Level
Practitioner
Learner
Learner

Training Options

- Boot Camp
  - Oracle GoldenGate 10g Implementation Boot Camp

Topic 2: Architecture Overview

Objectives
Describe the functions of OGG components
Analyze the OGG recovery process
Differentiate between Transactional Data Replication (TDM) and DML replication
Differentiate between OGG real-time processing and batch processing

Level
Practitioner
Practitioner
Practitioner
Learner

Training Options

- Boot Camp
  - Oracle GoldenGate 10g Implementation Boot Camp
Topic 3: Configuring OGG

Objectives
- Software Installation steps and procedures
- Configure replication components
- Demonstrate familiarity with the OGG Command Interface
- Propose and implement an appropriate initial load strategy
- Configure trail files
- Explain the functionality of the OGG utilities
- Recognize issues in heterogeneous replication and provide appropriate solutions

Level
- Learner
- Learner
- Practitioner
- Practitioner
- Learner
- Learner
- Practitioner

Training Options
- Boot Camp
  - Oracle GoldenGate 10g Implementation Boot Camp

Topic 4: Parameters

Objectives
- Demonstrate familiarity with OGG component parameters
- Explain the impact of parameter changes on OGG processes
- Analyze replication requirements and implement solutions using component parameters
- Formulate commonly used OGG parameters

Level
- Learner
- Learner
- Practitioner
- Learner

Training Options
- Boot Camp
  - Oracle GoldenGate 10g Implementation Boot Camp

Topic 5: Mapping and Transformation Overview

Objectives
- Analyze and implement use cases for transformation functions
- Recognize cases where Macros can simplify configuration and implement solutions
- Describe use cases for User Tokens

Level
- Practitioner
- Practitioner
- Practitioner

Training Options
- Boot Camp
  - Oracle GoldenGate 10g Implementation Boot Camp

Topic 6: Configuration Options

Objectives
- Identify additional OGG configuration options
- Define OGG compression and encryption options

Level
- Learner
- Learner
Analyze multi-master replication issues and recommend appropriate solutions
Recommend and implement an OGG DDL replication solution
Recognize use cases for OGG Event Actions

Training Options

- Boot Camp
  - Oracle GoldenGate 10g Implementation Boot Camp

Topic 7: Managing GoldenGate

Objectives
- Manage OGG command and data security
- Define and implement an OGG trail file management strategy
- Generate and use OGG statistics and reports for performance tuning and troubleshooting

Level
- Learner

Training Options

- Boot Camp
  - Oracle GoldenGate 10g Implementation Boot Camp