Oracle Golden Gate Course Content:

Oracle GoldenGate (OGG) Overview

- o Describe OGG functional overview and common topologies
- o Describe OGG Veridata and Management Pack functionality
- o Describe the difference between real-time data integration replication and Data Manipulation Language (DML) replication

Architecture Overview

- o Describe OGG components
- o Create the two types of Capture processes for Oracle database
- o Create the three types of Replicat processes
- o Explain the difference between an Extract and Pump, and local and remote trails
- o Configure OGG's process recovery mechanism

Install and Configure OGG

- o Download and Install OGG, and differentiate between various installers (zip, OUI, tar)
- o Synchronize source and target databases with the Initial Load
- o Prepare database for OGG CDC and check databases with OGG schema check script
- o Configure OGG Replication component parameter files
- o Configure the OGG Command Interface to create OGG processes
- o Describe how to identify and resolve issues in heterogeneous replication, and provide appropriate solutions
- o Configure OGG utilities

Parameters

- o Describe and compare GLOBALS versus MANAGER parameters
- o Create solutions using component parameters for replication requirements
- o Install OGG parameters
- o Explain and identify parameters specific for non-Oracle databases

Mapping and Transformation Overview

- o Implement use cases for transformation functions
- o Implement macros

Configuration Options

- o Describe OGG configuration options (Data Definition Language (DDL), compression and encryption options)
- o Configure OGG event actions based on use cases
- o Troubleshoot conflict detection and resolution

o Configure Integrated Capture, Replicat, and deployment options

Managing and Monitoring Oracle GoldenGate

o Manage OGG command and data security
o Implement and troubleshoot OGG Monitoring
o Explain the configuration and management of the Enterprise Manager 12c plug-in
o Implement and troubleshoot OGG Veridata