

Oracle GoldenGate 12c: Fundamentals for Oracle

Technology Overview

- Creating Oracle GoldenGate Topologies
- Reviewing Oracle GoldenGate Use Cases
- Assembling Building Blocks
- Listing Supported OS
- Listing Supported Databases
- Listing the Oracle GoldenGate Product Line
- Describing GUI Management Options
- Listing Non-Database Sources and Targets

Oracle GoldenGate Architecture

- Describing Oracle GoldenGate Process Groups
- Explaining Change Capture and Delivery (with and without a Data Pump)
- Explaining Initial Data Load
- Contrasting Batch and Online Operation
- Explaining Oracle GoldenGate Checkpointing
- Describing Commit Sequence Numbers (CSN)
- Describing Oracle GoldenGate Files and Directories

Installing Oracle GoldenGate

- Listing System Requirements
- Performing Installation
- Configuring Environment Variables
- Using GGSCI
- Running Oracle GoldenGate from the OS shell.

Configuration Overview and Preparing the Environment

- Reviewing Configuration Overview
- Configuring Manager Process
- Creating Source Definitions
- Preparing the Source Database
- Assigning Oracle Database Roles/Privileges Required
- Using DBMS_GOLDENGATE_AUTH Package

Configuring Change Capture (Extract)

- Reviewing Extract Overview
- Accessing Logs on Oracle ASM

- Accessing Logs Remotely
- Configuring Extract Tasks
- Adding Extract Group
- Editing Extract Parameters
- Extracting Use of Archived Transaction Logs
- Adding Trails

Configuring Change Delivery (Replicat)

- Reviewing Replicat Overview
- Configuring Replicat Tasks
- Configuring a Sample Environment
- Configuring New Integrated Replicat

Configuring Extract Trails and Files (Data Pump)

- Reviewing Extract Trails and Files Overview
- Describing Trail Formats
- Using Logdump for Viewing Trails
- Reversing the Trail Sequence
- Configuring and Using Data Pumps

Performing Initial Load

- Oracle GoldenGate Methods
- Listing Database-specific Methods
- Describing Resource Limitations
- Listing Advantages of Oracle GoldenGate Methods
- Configuring File Load Methods
- Configuring Direct Load Methods
- Handling Collisions with Initial Load