

Oracle GoldenGate Course Content

<p>Introduction</p> <p>Discussing Required versus Suggested Knowledge</p> <p>Listing Course Objectives</p> <p>Discussing Course Non-Objectives (available as other follow-on courses)</p> <p>Technology Overview</p> <p>Creating Oracle GoldenGate Topologies</p> <p>Reviewing Oracle GoldenGate Use Cases</p> <p>Assembling Building Blocks</p> <p>Listing Supported OS</p> <p>Listing Supported Databases</p> <p>Listing the Oracle Goldengate Product Line</p> <p>Describing GUI Management Options</p> <p>Listing Non-Database Sources and Targets</p> <p>Oracle GoldenGate Architecture</p> <p>Describing Oracle GoldenGate Process Groups</p> <p>Explaining change Capture and Delivery (with and without a data pump)</p> <p>Explaining Initial Data Load</p> <p>Contrasting Batch and Online Operation</p> <p>Explaining Oracle GoldenGate Checkpointing</p> <p>Describing Commit Sequence Numbers (CSN)</p> <p>Describing Oracle GoldenGate Files and Directories</p>	<p>Installing Oracle GoldenGate</p> <p>Listing System Requirements</p> <p>Performing Installation</p> <p>Configuring Environment Variables</p> <p>Using GGSCI</p> <p>Running Oracle GoldenGate from the OS shell.</p> <p>Configuration Overview and Preparing the Environment</p> <p>Reviewing Configuration Overview</p> <p>Configuring Manager Process</p> <p>Creating Source Definitions</p> <p>Preparing the Source Database</p> <p>Assigning Oracle Database Rles/Privileges Required</p> <p>Configuring Change Capture (Extract)</p> <p>Reviewing Extract Overview</p> <p>Accessing Logs on Oracle ASM</p> <p>Accessing Logs Remotely</p> <p>Configuring Extract Tasks</p> <p>Adding Extract Group</p> <p>Editing Extract Parameters</p> <p>Extracting Use of Archived Transaction Logs</p> <p>Adding Trails</p>
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Configuring Change Delivery (Replicat)

Reviewing Replicat Overview

Configuring Replicat Tasks

Configuring a Sample Environment

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

Editing Configuration Parameters

Editing Parameter Files

Contrasting GLOBALS versus Process Parameters

Configuring GLOBALS Parameters

Configuring Manager Parameters

Configuring Extract Parameters

Configuring Replicat Parameters

Filtering and Data Selection

Filtering and Data Selection

Mapping Columns Between Different Schemas

Using Built-in "@" (at) Functions

Using SQLEXEC to Interact Directly with a Database

Additional Transformation Concepts

Configuring and Using Macros

Configuring and Using User Tokens

Configuring and Using User Exits

Configuring and Using Oracle Sequences

Configuration Options

Configuring and Using BATCHSQL

Configuring and Using Compression

Configuring and Using Encryption

Configuring and Using Event Actions

Bidirectional Replication

Reviewing Bidirectional Considerations

Detecting Loops

Avoiding Conflicts

Configuring and Using Conflict Detection and Resolution

Describing Identity Types Issues

DDL Replication

Reviewing Data Description Language Replication Overview

Configuring and Using Options for DDL Replication Configuring and Using String Substitution in DDL