



Oracle GoldenGate 12c: Fundamentals for Oracle Ed 1

Duration: 4 Days **Course Code: D84357**

Overview:

This Oracle GoldenGate 12c: Fundamentals for Oracle training focuses on Oracle-to-Oracle database replication. Expert Oracle University instructors will deep dive into the Oracle GoldenGate architecture, walking you through various product features.

Benefits to You

Integrate your organization's disparate data across heterogeneous databases for improved decision-making. Become more efficient at configuring and implementing Oracle GoldenGate.

Install GoldenGate Installation & Command Line

You'll learn to install Oracle GoldenGate and prepare the source and target environments. Enrolling in this course teaches you how to use the Oracle GoldenGate command line interface (GGSCI) efficiently.

Learn GoldenGate Configuration Processes

You'll also develop the knowledge and skills to configure Change Capture (Extract), Change Delivery (Replicat) and Initial Load. You'll learn how to extract trails and files using Data Pump, create parameter files and manage Oracle GoldenGate instances.

Uni- and Bi-Directional Replication

Capture of both DML and DDL will be configured for both uni- and bi-directional replication with collision detection.

Explore New Features in 12c

Features new to 12c, such as Integrated Apply and Wallet, are highlighted along the way. This course is based on Oracle GoldenGate version 12.1.2. Please note that the labs are done in Linux.

Target Audience:

Data Warehouse Developer Configuration Consultant Data Warehouse Analyst System Integrator Database Designers Data Warehouse Administrator Database Administrators Technical Consultant

Objectives:

- Design replication solutions using Oracle GoldenGate products and environments
 - Install Oracle GoldenGate and prepare the source and target database (assumes Oracle-to-Oracle replication)
 - Issue GGSCI commands (batch Obey scripts and command-line interactive)
 - Configure, start, stop, and monitor Change Capture (Extract), Change Delivery (Replicat), and Initial Load
 - Manage Extract trails and files using Data Pump and utilities such as logdump
 - Control network transmission using compression and encryption
 - Transform data
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Prerequisites:

- Familiarity with Oracle Database and basic SQL using SQL*Plus
 - Familiarity with editing Linux text files using gedit or vi
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Content:

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| <ul style="list-style-type: none">■ Technology Overview■ Oracle GoldenGate Architecture■ Installing Oracle GoldenGate■ Configuration Overview and Preparing the Environment■ Configuring Change Capture (Extract) | <ul style="list-style-type: none">■ Configuring Change Delivery (Replicat)■ Configuring Extract Trails and Files (Data Pump)■ Performing Initial Load■ Editing Configuration Parameters■ Filtering and Data Selection | <ul style="list-style-type: none">■ Additional Transformation Concepts■ Configuration Options■ Bidirectional Replication■ DDL Replication |
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Further Information:

For More information, or to book your course, please call us on 0800/84.009

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