

S Oracle Golden Gate Cloud Service Workshop Ed2

Data Management

DURATION

2 Days

MODULES

10 Lectures

COURSE CODE

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Course Overview

Benefits to you Learn to deploy OCI GoldenGate Learn how to create GoldenGateConnections Learn how to implement Data Replication Learn to monitor Performance, and Troubleshoot an OCI GoldenGate deployment

What You Will Learn

- 1 Introduction
 - Objectives
 - Oracle Cloud Infrastructure GoldenGate
 - OCI GoldenGate: Common Use Cases
 - Use Case Example
 - Components of Oracle GoldenGate
 - Summary
- 2 Getting Started
 - Objectives
 - Implementing GoldenGate Services: Prerequisites
 - Oracle Cloud Infrastructure GoldenGate Policies
 - Resource Types
 - Creating Policies for OCI GoldenGate
 - Supported Variables
 - Optional Resources
 - Policies: Examples
 - Summary
- 3 Deployments
 - Objectives
 - GoldenGate Deployments: Overview
 - Network Considerations for GoldenGate Deployments
 - GoldenGate Topologies
 - GoldenGate Deployments: Create Deployments
 - Considerations for Connection to GoldenGate Deployment Console
 - Prerequisite to creating Deployment for GoldenGate managed users

- Creating a Deployment: General Information (1 of 3)
- Creating a Deployment: Credentials to Access GoldenGate
- Viewing Deployment Details
- GoldenGate Deployments: Create Backups and Clones
- Creating a Deployment Clone (1 of 2)
- Creating a Deployment Clone (2 of 2)
- GoldenGate Deployments: Starting, Stopping, and Deleting
- Starting a Deployment
- Stopping a Deployment
- Summary
- 4 Connections
- Objectives
- GoldenGate Connections: Connection Overview
- What is a connection?
- GoldenGate Connections
- GoldenGate Connections : Supported Connection Types
- Replication from Oracle On-Premises into Autonomous Data Warehouse
- Replication from Autonomous Transaction Processing into Autonomous Data Warehouse
- GoldenGate Connections: Create and Assign Connection
- GoldenGate Connections: Best Practices
- Best Practices
- Summary
- 5 Replicate Data Concepts
- Objectives
- GoldenGate Process Flow
- GoldenGate Processes: Extract
- GoldenGate Processes: Distribution Path
- Initial Load
- Integrated Replicat Architecture
- Integrated Replicat
- Parallel Replicat (Integrated and Non-Integrated)
- Parallel Replicat Architecture
- Ability to Split Single Large Transactions
- General Best Practices
- Summary
- 6 Implement Replicate Data
- Objectives
- UI Flow: OCI Console
- Connecting to the GoldenGate Deployment Console
- Summary
- 7 GoldenGate Management
- Objectives
- Scaling a Deployment
- Upgrading a Deployment
- OCI GoldenGate Integration with Identity and Access Management (IAM)
- Service

- Automating Administrative Tasks for OCI GoldenGate
- Summary
- 8 Metrics, Monitoring, and Alarms
- Objectives
- Admin Client (2 of 2)
- Application Performance Monitoring
- Summary
- 9 Security
- Objectives
- Shared Security Responsibilities for GoldenGate
- Securing the Network
- OCI Bastion Service
- Limiting with IAM Policies
- Master Encryption Keys
- Summary
- 10 Troubleshooting
- Objectives
- OCI GoldenGate Troubleshooting: Overview
- Prerequisites
- OCI and Deployment Console
- Admin Client
- Oracle GoldenGate Reports (1 of 2)
- Oracle GoldenGate Reports (2 of 2)
- Things to Look For
- Summary