Oracle GoldenGate 11g Management Pack: Overview

Duration: 1 Day

What you will learn

Oracle GoldenGate 11g: Management Pack overview course deals with techniques of using Director Server, Director Client, and Director Web to control GoldenGate instances. After installing and configuring GoldenGate instances, participants use Management Pack to administer replication via web browser, and report on alerts, statistics, and history of the ongoing replications.

Participants learn to use Oracle GoldenGate Director Server to easily manage and monitor their Oracle GoldenGate deployments. Participants also learn to report the statistics of the processes on demand, and forward alerts via SNMP traps and SMTP e-mail.

Learn To:

Describe the components of Management Pack

Install Oracle GoldenGate Director

Configure and use Oracle GoldenGate Director Client, Server, and Web

Install Oracle GoldenGate Monitor

Use Oracle GoldenGate Monitor to report statistics and history

Use Oracle GoldenGate Monitor to report alerts via SMTP and SNMP

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Audience

Support Engineer
System Integrator
Technical Administrator
Technical Consultant

Related Training

Suggested Prerequisites
Oracle Database 11g: Administration Workshop I Release 2

Course Objectives

Describe the components of Oracle GoldenGate Management Pack

Install Oracle GoldenGate Director

Set up web alerts

Use Oracle GoldenGate Director Client

Configure Oracle GoldenGate Director Server

Use Oracle GoldenGate Director Web

Install Oracle GoldenGate Monitor

Use GoldenGate Monitor to report statistics and history

Use Oracle GoldenGate Monitor to report alerts via SMTP and SNMP

Course Topics

Introduction
Listing the course prerequisites
Listing the course objectives
Listing the course schedule
Identifying the facilities in your location

Components of Oracle Management Pack for Oracle GoldenGate 11g
Describing the components of Oracle Management Pack for Oracle GoldenGate
Verifying the prerequisites for installing and running Oracle Management Pack for Oracle GoldenGate
Choosing which component you would use for a given scenario

Installing Oracle GoldenGate Director
Describing the prerequisites for installing Oracle GoldenGate Director Server and Client
Installing Oracle GoldenGate Director Server
Installing Oracle GoldenGate Director Client

Configuring Oracle GoldenGate Director Server Using Administrator
Describing the features of Oracle GoldenGate Director Administrator
Using Oracle GoldenGate Director Administrator
 - Managing user accounts
 - Managing data sources
 - Managing monitor agents
 - Defining default suffixes

Using Oracle GoldenGate Director Client
Describing the features of Oracle GoldenGate Director Client
Navigating the Oracle GoldenGate Director Client user interface
Creating, modifying, and removing Oracle GoldenGate components by using Oracle GoldenGate Director Client
Viewing detailed process and monitoring information by using Oracle GoldenGate Director Client
Describing two ways to create alerts to notify you when specified events occur
Controlling Oracle GoldenGate components by using Oracle GoldenGate Director Client

Using Oracle GoldenGate Director Web
Describing the features of Oracle GoldenGate Director Web
Navigating the Oracle GoldenGate Director Web user interface
Viewing detailed process and monitoring information using Oracle GoldenGate Director Web
Describing two ways to create watch lists: in Director and Monitor
Controlling Oracle GoldenGate components by using Oracle GoldenGate Director Web

Installing Oracle GoldenGate Monitor
Installing Oracle GoldenGate Monitor using either CLI and/or GUI
Configuring the files needed to communicate with existing Oracle GoldenGate instances
Starting Oracle GoldenGate Monitor background processes and web GUI
Creating an administrator user

Using Oracle GoldenGate Monitor to Report Statistics and History
Viewing Statistics for various levels of the system: Hosts, Instances, Components, Objects
Creating alerts for various events
Displaying history of past events
Describing the behavior of recurring events and alerts as it relates to suppression time

Using Oracle GoldenGate Monitor
Briefly describing the architecture of SNMP
Identifing the files used to configure alerts
Configuring Oracle GoldenGate Monitor to send alerts via CLI, SNMP, SMTP
Configuring individual users to receive any combination of CLI, email, and SNMP alerts
Comparing and contrasting Oracle GoldenGate Monitor's alert handling with Oracle GoldenGate Director's alert handling