



Oralogic Education Systems

Next Generation IT Education Systems

Introduction:

Oracle GoldenGate is a comprehensive software package for real-time data integration and replication in heterogeneous IT environments. The product set enables high availability solutions, real-time data integration, transactional change data capture, data replication, transformations, and verification between operational and analytical enterprise systems. Oracle GoldenGate 12c brings extreme performance with simplified configuration and management, tighter integration with Oracle Database, support for cloud environments, expanded heterogeneity, and enhanced security.

In addition to the Oracle GoldenGate core platform for real-time data movement, Oracle provides the Management Pack for Oracle GoldenGate—a visual management and monitoring solution for Oracle GoldenGate deployments—as well as Oracle GoldenGate Veridata, which allows high-speed, high-volume comparison between two in-use databases.

Oralogic Education Systems provide quality education in this key technology. We have most experienced professional who have extensive experience in managing and configuring Oracle Database software in most mission critical environments.

Course Contents:

- Install Oracle GoldenGate on Linux and Windows platforms.
- Issue GGSCI commands.
- Configure, start, stop and monitor Change Capture and Delivery processes.
- Manage Extract trails and files using Data Pump and logdump.
- Create parameter files to transform data.
- Manage multiple Oracle GoldenGate instances.
- Explain Oracle GoldenGate advanced configuration options.
- Describe and take advantage of the Integrated Capture feature and the recently introduced Integrated Replicat feature to replicate complex data types and compressed data.
- Integrate the Database File System (DBFS) with Oracle GoldenGate to achieve Maximum Availability.
- Configure and implement the Oracle GoldenGate Event Marker system.
- Enable data transformation based on event records in the transaction logs or in the trail files.
- Perform zero-downtime database migration.
- Set up and manage advanced deployment models, like 3-node multi master replication configuration.
- Master Oracle GoldenGate facilities to detect and resolve data conflicts in active-to-active replication implementations.
- Use a simulated Oracle RAC configuration to experiment with the Oracle GoldenGate Clusterware-aware facilities, which ensure seamless data replication in case of node failure.

Other Information:

Course #	DBAGG01
Instructor	Industry Professional
Course	Oracle GoldenGate
Version	Oracle11g, 12c
Duration	2 Weeks
Class Duration	3 Session a week, 2 hours
Medium	In-Class, Online