



# Wilshire Software Technologies

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## Oracle GoldenGate Schedule

### 1. Introduction

- Oracle High Availability Techniques
- Similarities and Difference b/w Data Guard & GoldenGate
- Definition of GoldenGate
- Evolution of GoldenGate
- Real time Use cases
- GoldenGate Topologies
- Key Capabilities & Technology Differentiators
- Supported Database & Platforms

### 2. OGG Architecture

- Manager
- Extract ( Capture )
- Datapump (Routing )
- Replicat ( Delivery )
- Trails (Extract ) files
- Checkpoints
- Collector ( Server collector )
- Data Source
- Groups
- Transformation

### 3. Installation of Golden Gate

#### Preparation & Installation of GG S/W on Source Server

- Very important pre-requisites on source DB
- Installing OGG S/W on source server
- Creation of Working/ Mandatory directories
- Verifying DB connectivity from GG S/W

#### Preparation & Installation of GG S/W on Target Server

- Very important pre-requisites on Target DB
- Installing OGG S/W on Target server
- Creation of Working/ Mandatory directories
- Verifying DB connectivity from GG S/W

### 4. Oracle Golden Gate Sub-Directories

- Report files - dirrupt
- Parameter files - dirprm
- Checkpoint files - dirchk
- Process status files - dirpcs
- SQL Script files - dirsqli
- Data Definition files - dirdat
- Extract datafiles / Trail files - dirdat
- Temporary files - dirtmp
- Std out files - dirstd

### 5. OGG Configuration without Datapump

- Configuring Global files - Source & Target
- Checkpoint table -Target
- Configuration Manager - Source & Target
- Extract Configuration - Source
- Creating Extract parameter file
- Adding Extract process
- Adding rmttrail
- Enabling Trandata
- Replicat Configuration - Target
- Creating replicat parameter file
- Adding replicat process
- Observing uni-directional replication

- Important commands of extract and Replicat

## **6. Some Additional Topics**

- OGG Password encryption
- Discard file
- Defgen

## **7. Instantiations**

- Instantiations using expdp / impdp
- Instantiations using GG Initial load
- Instantiations using RMAN

## **8. Bidirectional replication overview**

## **9. 12c GoldenGate Installation**

- Integrated Capture
- Integrated Replicat
- GoldenGate implementation in ASM environment
- GoldenGate implementation in RAC environment

Interview Questions

Realtime Issues and Fixes