Oracle® GoldenGate Director

Patch Set Notes

2.0.0 for Open Systems

September 2009

These patch set notes accompany the Oracle GoldenGate Director 2.0.0.x patch set. This document contains the following sections:

1 Patch Set Overview

Patch sets are a mechanism for delivering fully tested and integrated product fixes. Patch sets provide bug fixes only; they do not include new functionality and they do not require certification on the target system.

Patch sets include all of the libraries that have been rebuilt to implement the bug fixes in the set. All of the fixes in the patch set have been tested and are certified to work with each other. Because the patch set includes only low impact patches, it does not require you to certify applications or tools against the server.

2 Critical Patch Updates

Review the latest Critical Patch Updates, and recent change list, please read the Release Notes.

3 Accessing the Latest Version of this Document

This is the initial documentation release, there are no prior versions.

4 System Requirements

Check your platform-specific installation guide for a list of supported operating systems.

5 Preinstallation Tasks

Complete the following preinstallation tasks before installing the patch set:

- Review Known Preinstallation Issues
- Oracle Dynamic Build Installation
- Oracle on Solaris
- Oracle DDL Replication
- Teradata ODBC Driver Update
- SQL Server 2000 Non-Native SQL Server driver requirements
- SQL Server 2005 CU6 Upgrade / Installation changes
- DB2 z/OS Library Considerations
- Large Row Support and User Exits– From a release prior to 9.0
- Oracle Interval Datatype Support – From a release prior to 9.5
- COMPRESSEDUPDATE changes for DB2 LUW, DB2 z/OS, and SQL Server

5.1 Review Known Preinstallation Issues

There are many changes in Oracle GoldenGate Director 2.0. Please follow the documented Installation and Upgrade instructions for this release.

6 Installation Tasks

Please follow the Installation and Upgrade Instructions for Oracle GoldenGate Director 2.0 located in a separate document.

7 Known Issues

Review the following known issues after you apply the patch set:

- General
- Database Passwords
- Installer Changes
- Supported Process Types
- Macros
- DEFGEN Utility
- Director GGSCI
- ADD TRACETABLE
- Output Format Parameters
- Multiple GoldenGate instances on one host

7.1 Database Passwords

Database passwords must be at least 8 characters and must contain at least one numeric and one alpha.

7.2 Installer Changes

There are a few functional changes that have gone into Director 2.0. These changes relate to the way the Director product is installed on the user's system and the changes made from a database and configuration perspective.

1. The Director installer no longer provides the user with the cds tool (cds.jar) that lets a user perform an upgrade/point the product to another database instance/host.
2. The Director installer no longer ships with the jBoss 3.2.7 server but is replaced with a requirement that the user has a Weblogic 10.3.1 server installed on his file system prior to the install.

7.3 Supported Process Types

Only processes that are typically defined in GGSCI can be configured, monitored and controlled with Director. Standalone processes and programs such as DDLGEN, MEASFLS, MEASRPT, and TRIGGEN that are run from the operating system's command line cannot be created or monitored with Director.

On Windows, UNIX, and NonStop, only the following can be configured, monitored, and controlled with Director: Extract, Replicat, Manager, trails (local and remote), files (local and remote), and Extract and Replicat tasks.

On Nonstop, Logger processes can be monitored and controlled, but they must be configured or changed by using GGSCI and the LOGPARM file, not through the Director Client.

7.4 Macros

Director does not support macros defined within a parameter file. Director does support macros that are referenced externally with the INCLUDE parameter, but with the following restriction: The macro cannot define the following parameters, or else Director will be unable to process the parameter file:

```
EXTRACT
REPLICAT
RMTHOST
RMTFILE
RMTTRAIL
RMTBATCH
EXTFILE
EXTTRAIL
SOURCEDB
USERID
TABLE
```

```
MAP
COLMAP
```

7.5 DEFGEN Utility

The built-in DEFGEN utility in Director creates definitions files with all-default settings. To customize definitions output, the command-line version of DEFGEN must be used.

7.6 Director GGSCI

The built-in GGSCI window in Director does not support the following Oracle GoldenGate commands. These commands must be issued from GGSCI on the Oracle GoldenGate host.

Database commands:
    (All, including DBLOGIN)
Other commands:
    VERSION
    FC
    HISTORY
    !
    SHELL
    EDIT PARAMS
    EXIT

7.7 ADD TRACETABLE

Director has no interface for adding an Oracle GoldenGate TRACETABLE to the Oracle database, nor can one be created from Director's built-in GGSCI interface. The ADD TRACETABLE command (and all other database commands) require database login with DBLOGIN, so a local GGSCI session on the Oracle GoldenGate host must be used.

7.8 Output Format Parameters

Director does not support a single Capture object writing to multiple files in different formats using FORMATASCII, FORMATSQL, and FORMATXML. The format parameters can only be applied globally by inserting them into the Capture object. To obtain the same data in different formats, a Capture object must be defined for each format.

In addition, Director cannot process existing Capture objects that are configured with multiple format parameters. This can cause unexpected behavior if the existing objects are saved using Director.

7.8 Multiple GoldenGate instances on one host

A Delivery process from one Oracle GoldenGate instance on a host cannot be configured through Director to read a trail written by a Capture process from a different Oracle GoldenGate instance on the same machine. This configuration can be created

through GGSCI, but it will not be displayed correctly in Director. No line will be shown connecting the processes.