Oracle® GoldenGate Director 2.0 Release Notes

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Oracle GoldenGate Director - Release Notes 2.0.0.2 (September 24, 2009)

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Release Notes – Oracle GoldenGate Director v2.0.0.2

Availability

Oracle GoldenGate Director Server (including Director Web) and Director Client are now available for Windows, Solaris, RedHat Linux, HP-UX, and AIX platforms.

License Keys

The 'pw' file is no longer needed to use Oracle GoldenGate Director. Once you have upgraded, you can safely remove this file from the installation directory.

New Features in Director 2.0

Installer Changes

The installer also takes care of auto-detecting a previous install (if the user points the installer to install at the same location again) and detecting old data in the database and prompts the user to either upgrade or erase the database and create a clean set of tables and initial data.

Increased Persistent Database Support

Director 2.0 now supports Oracle 9i, 10g and 11g, SQL Server 2000 and 2005, and MySQL 5.x as a Director data repository.

Support for Oracle Weblogic

Oracle GoldenGate Director v2.0 now uses Oracle Weblogic Server 10.3.1 (11g) as its application server. We no longer use JBOSS and Weblogic it is not bundled – the customer must install it prior to installing Director.

You must have Weblogic Server 10.3.1 (11g) or later - prior versions are not supported.

Installation and Upgrade Procedure

The installation file downloaded from Oracle is not compressed using gzip, instead it is a standard .zip file. To uncompress the download, please use the following methods:

- Windows – Please use winzip or other method that can support files with the .zip extension.
- Unix / Linux – Please use the 'unzip' command utility to uncompress the downloaded file.
- Mainframe – Please use the 'unzip' command utility to uncompress the downloaded file.

If you do not have any of these utilities on the server, you can download them from Oracle's website at http://updates.oracle.com/unzips/unzips.html

The installation procedures are documented in the Oracle GoldenGate Director Administration Guide installation guide. Please follow these procedures to ensure correct installation.

Open Issues and Resolutions

Database Passwords

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

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.

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.

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	EXTTRAIL
REPLICAT	SOURCEDB
RMTHOST	USERID
RMTTRAIL	TABLE
RMTFILE	MAP
RMTBATCH	COLMAP
EXTFILE	

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.

Director GGSCI

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

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

ADD TRACETABLE

Director has no interface for adding a 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 GoldenGate host must be used.

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.

Multiple GoldenGate instances on one host

A Delivery process from one GoldenGate instance on a host cannot be configured through Director to read a trail written by a Capture process from a different 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.

Corrected Problems

For reference purposes, TS# is a Footprints Technical Services Ticket number, DT# is a Footprints Development Ticket number, DIR and TSI are Jira ticket numbers, and SF# is the SalesForce.com ticket.

For questions on specific bugs or ticket numbers, please contact Oracle Customer Support.

Version 2.0.0.2 – 24 September 2009

TS# 18555, DIR-723
Modified a couple of SQL delete statements for more efficient processing.

DIR-924, DIR-920, DIR-925,
Updated copyright images and notices, and product name with the new Oracle GoldenGate branding.

Version 2.0.0.1 – 22 September 2009

DIR-914
The logon function was changed to force the user to logout prior to allowing a different login.

DIR-909
Director installer updated the Director repository with wrong version and revision number.

DIR-872
If a user logged in with a non-administrator user name, the user was not able to immediately log in again using an administrator account without restarting Director Server.

REM-75, DIR-908
Updated copyright notices for the new Oracle GoldenGate branding.

Version 2.0.0.0 – 3 September 2009

REM-50
Replaced JBoss Server with Weblogic 10.3