

# Management Pack for Oracle® GoldenGate

Release Notes for Oracle GoldenGate Director

12c (12.1.2)

E50293-02

February 2014

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This document contains the release notes for the 12.1.2 release of Oracle GoldenGate Director.

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## 1 License Keys

The 'pw' file is no longer needed to use Oracle GoldenGate Director. Once you have upgraded to version 11.1.1+, you can safely remove this file from the installation directory.

## 2 Availability

Oracle GoldenGate Director is compatible with versions of the Oracle GoldenGate software that are covered under the current Oracle GoldenGate support policy.

To find out which Oracle GoldenGate builds are available for a specific combination of database version and operating system, log onto <http://support.oracle.com> and select the **Certifications** tab. For assistance, click **Tips for Finding Certifications**.

An email and password are required to enter this site.

## 3 New Features in Oracle GoldenGate Director 12.1.2

New parameters were introduced in the core Oracle GoldenGate 12.1.2 product and are supported in this version of Oracle GoldenGate Director.

Multi-byte support has also been implemented as of Oracle GoldenGate 11.2 and is supported in Oracle GoldenGate Director 12.1.2 via UTF8 only. See the Oracle GoldenGate release notes for more information on specific parameters.

Support for WebLogic Server 12c (12.1.1, 12.1.2) has been added. The JRE must be at least version 6 (1.6.x) if using WebLogic Server 11g, and must be at least version 1.6.0\_20 or 1.7 if using WebLogic Server 12c. See *Administering Oracle GoldenGate Director* for details.

For Oracle Database, Oracle GoldenGate Director can now connect to an Oracle service name, as well as to an Oracle SID.

## 4 Documentation Addendum

There is no documentation addendum for this release.

## 5 Documentation Changes

The Oracle GoldenGate documentation library has been reorganized and improved as follows.

- New library pages - the documentation library is now organized in a task-based structure to make it easier to locate information about the task or feature you need help with. The familiar listing by book is also available under the **Books** tab.
- The Oracle GoldenGate Director Administrator's Guide is now named *Administering Oracle GoldenGate Director* and can be accessed from the new Oracle GoldenGate library.
- The Oracle GoldenGate Troubleshooting and Tuning Guide has been discontinued. Troubleshooting information (and other information) can be obtained by using My Oracle Support. See [Section 9, "Getting Help with My Oracle Support"](#) for more information.
- The performance tuning topics have been integrated into *Administering Oracle GoldenGate for Windows and UNIX*. You can also find performance-tuning help at My Oracle Support. See [Section 9, "Getting Help with My Oracle Support"](#) for more information.
- The Logdump instructions and command documentation has been incorporated into a new book named *Logdump Reference for Oracle GoldenGate*. The part number for release 12.1.2 is E41143-01.
- The Oracle GoldenGate Installation and Setup Guide, now named *Installing and Configuring Oracle GoldenGate for Oracle Database*, contains initial setup information that has been expanded to include Oracle-specific configuration steps for classic and integrated modes of Extract and Replicat. This book should be used in conjunction with *Administering Oracle GoldenGate for Windows and UNIX* and *Reference for Oracle GoldenGate for Windows and UNIX* when installing, configuring, and running an Oracle GoldenGate environment.

## 6 Installation and Upgrades

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** - Use winzip or another method that can support files with the .zip extension.
- **UNIX / Linux** - Use the unzip command utility to uncompress the downloaded file.
- **Mainframe** - 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>.

For full upgrade instructions, see *Administering Oracle GoldenGate Director*.

## 7 Known Issues

This section contains known issues that affect Oracle GoldenGate Director.

## 7.1 General Issues

- Oracle GoldenGate Director only supports UTF-8 format, so Oracle GoldenGate Director will not support some specific charset or it may show some characters incorrectly.
- IBM z/OS begins in Oracle GoldenGate version 11.2.1.0.3. Refer to bug 13861016.
- Prior to Oracle GoldenGate version 11.2.1.0.2 list tables is not supported for tables not owned by current user. Refer to bug 13885563.
- If SSL Mode Login is enabled, an exception is generated instead of a clear message that explains the condition.
- Oracle GoldenGate Director generates an exception when accessing the database to create a DEFGEN file or to display a list of tables (SHOW TABLES) if the database contains a table that has a special character that Oracle GoldenGate does not support. The expected result is to generate a clear message that explains the condition.

## 7.2 Supported Process Types

Only processes that are typically defined in GGSCI can be configured, monitored and controlled with Oracle GoldenGate 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 Oracle GoldenGate Director.

On Windows, UNIX, and NonStop, only the following can be configured, monitored, and controlled with Oracle GoldenGate Director:

- Extract
- Replicat
- Manager
- trails (local and remote)
- files (local and remote)
- 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 Oracle GoldenGate Director Client.

## 7.3 Macros

Oracle GoldenGate Director does not support macros that are defined within a parameter file. Oracle GoldenGate 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 Oracle GoldenGate Director will be unable to process the parameter file:

- EXTRACT
- REPLICAT
- RMTHOST
- RMTTRAIL
- RMTFILE
- RMTBATCH
- EXTFILE

- EXTTRAIL
- SOURCEDB
- USERID
- TABLE
- MAP
- COLMAP

## 7.4 DEFGEN Utility

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

## 7.5 Oracle GoldenGate Director GGSCI

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

- All database commands, including DBLOGIN
- VERSION
- FC
- HISTORY
- !
- SHELL
- EDIT PARAMS
- EXIT
- RESTART
- ADD TRACETABLE

Oracle GoldenGate Director has no interface for adding an Oracle GoldenGate TRACETABLE to the Oracle database, nor can one be created from the built-in GGSCI interface in Oracle GoldenGate Director. 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.

## 7.6 Output Format Parameters

Oracle GoldenGate 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, Oracle GoldenGate 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 Oracle GoldenGate Director.

## 7.7 Multiple Oracle GoldenGate Instances on One Host

A Delivery process from one Oracle GoldenGate instance on a host cannot be configured through Oracle GoldenGate 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 Oracle GoldenGate Director. No line will be shown connecting the processes.

## 7.8 Log Display

If you are using a version of Oracle GoldenGate core prior to 11.1.1.0.6 there have been intermittent problems displaying logs on the Oracle GoldenGate Director Desktop and Activity Console. A change was made to the core in Oracle GoldenGate 11.1.1.0.6 to fix this issue.

## 8 Corrected Problems

For questions on specific bugs or ticket numbers, please consult Oracle Customer Support. SR is the Oracle Support SR number, and BugDB is the bug identification number.

### Version 12.1.2.0.0 — October 2013

Initial Release

## 9 Getting Help with My Oracle Support

Use My Oracle Support to find knowledge solutions, workarounds, and other information that is reported by customers, partners, and Oracle employees. My Oracle Support also enables you to open a Service Request. If a patch is required to resolve a service request, you will receive instructions on how to download it from My Oracle Support.

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**Note:** If you purchased Oracle GoldenGate and support through a distributor, contact your distributor instead of attempting to create a service request through My Oracle Support.

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### 9.1 Using the Oracle GoldenGate Knowledge Base

To view the Oracle GoldenGate Knowledge Base, follow these steps:

1. Go to <http://support.oracle.com>.
2. Select your language and then log in with your email and Oracle password.
3. Click the **Knowledge** tab.
4. Under **Select a Product Line**, type the name “Management Pack for Oracle GoldenGate.” As an alternative, you can select from the drop-down list or use the **Browse** link to select **Middleware**, then **Data Integration**, then **GoldenGate**, then **Management Pack for Oracle GoldenGate**.
5. Under **Task**, select the type of query you want to make, such as **Troubleshoot**.
6. Under **Version**, select the version of Oracle GoldenGate Director that you are using.
7. Under **Enter Search Terms**, type a search keyword or multiple keywords to focus the query.

If you need help with My Oracle Support, click **Help** at the top of the application window.

### 9.2 Creating an Oracle GoldenGate Support Case

If you cannot find an answer to your question or problem in the Knowledge Base, you can open a support case with Oracle Support by following these steps:

1. Go to <http://support.oracle.com>.

2. Select your language and then log in with your email and Oracle password.
3. Click the **Service Requests** tab.
4. Click **Create SR**.
5. Complete the form, referring to the **Help** at the top of the application window if necessary.

## 10 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

### Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

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