Oracle® GoldenGate

Release Notes for Oracle GoldenGate Monitor

12*c* (12.1.3)

E53273-09

August 2016

This document introduces Oracle GoldenGate Monitor 12*c* (12.1.3). It is comprised of these sections:

- Section 1, "What's New in This Release?"
- Section 2, "Configuration Requirements"
- Section 3, "Install OPatches"
- Section 4, "Corrected Problems"
- Section 5, "Known Issues"
- Section 6, "Oracle GoldenGate Monitor Documentation"
- Section 7, "Documentation Accessibility"

1 What's New in This Release?

Oracle GoldenGate Monitor 12*c* (12.1.3) contains the following new features:

- New console controls can start, stop, and kill Oracle GoldenGate Monitor processes.
- Configuration files are editable.
- Information files are now displayed in the Oracle GoldenGate Monitor console.
- JAgent is replaced with Oracle GoldenGate Agent and new functionality was added.
- Partial Solutions are displayed.
- Security can be granted at the instance level.
- A new class of "delta" metrics has been added.
- Globalized object names are now supported In parameter files.
- z/OS support added.
- SSL authentication is now supported.
- Java 1.7 (JRE) is now the required runtime environment.
- Include files can be displayed using hyperlink.
- All attributes are now graphed.

For more information on these feature and additional links to their documentation elsewhere in the product library, see "What's New?" in *Administering Oracle GoldenGate Monitor*.

2 Configuration Requirements

Oracle GoldenGate Monitor 12*c* (12.1.3) requires the following:

- JRE 1.7; Oracle GoldenGate Monitor releases 12.1.3.0.0 and 12.1.3.0.1 do not support JRE 1.8.
- WebLogic Server 12c (12.1.3) with JRF
- One of the following databases:
  - Oracle 11gR1, 11gR2, 12c
  - Informix 11.5, 11.7, 12.1
  - MySQL 5.5, 5.6
  - SQL Server 2008, 2012

For more information on these prerequisites, see "Preparing to Install" in *Installing and Configuring Oracle GoldenGate Monitor Server*.

OPatch is a utility that assists you with the process of applying interim patches to Oracle's software. OPatch is a Java-based utility that can run on either OUI-based Oracle homes or standalone homes. It works on all operating systems for which Oracle releases software. See *Patching with OPatch*.

3 Install OPatches

OPatch is a utility that assists you with the process of applying interim patches to Oracle's software. OPatch is a Java-based utility that can run on either OUI-based Oracle homes or standalone homes. It works on all operating systems for which Oracle releases software. For specific OPatch installation instructions, see *Patching with OPatch*.

4 Corrected Problems

This section contains information about bugs that have been corrected. For questions on specific bugs or ticket numbers, consult Oracle Customer Support. `SR` is the Oracle Support SR number, and `BugDB` is the bug identification number. The information in this section is divided into the following releases:

- Section 4.1, "Version 12.1.3.0.160628 — 19 August 2016"
- Section 4.2, "Version 12.1.3.0.160331— 31 March 2016"
- Section 4.3, "Version 12.1.3.0.5 — 29 March 2016"
- Section 4.4, "Version 12.1.3.0.4 — 28 March 2016"
- Section 4.5, "Version 12.1.3.0.3 — 21 April 2015"
- Section 4.6, "Version 12.1.3.0.2 — 23 December 2014"
- Section 4.7, "Version 12.1.3.0.1 — 18 November 2014"
- Section 4.8, "Version 12.1.3.0.0 — July 2014"

4.1 Version 12.1.3.0.160628 — 19 August 2016

Bug 22346275 - Monitor Server not sending out Email alerts

Fixed an issue where email alerts were not sent by Oracle GoldenGate Monitor due to negative values in the id field. The data type of the id field was changed from integer to long.

4.2 Version 12.1.3.0.160331— 31 March 2016

Bug 21459434 - Oracle Enterprise Manager does not show the statistics of the processes

When an exception occurs while parsing a web service response for messages, the exception is now logged only once and includes the erroneous message.

Bug 19155783 - Suppress excessive error messages by using `WARNING` logger level

Changes to logging the exception of the `<OGGMON-40740> <Exception thrown is: Could not get reference of GoldenGateMXBean>` error message to be a `WARNING` not an `ERROR` and so that it can be configured to *n* number of times. The default is 10.

Bug 20545508 - JAgent and Monitor do not work with Oracle GoldenGate for Java Adapter

The Oracle GoldenGate Monitor Agent (JAgent) was changed to identify when an output trail does not exist and to not process it.

4.3 Version 12.1.3.0.5 — 29 March 2016

Bug 21029433 - Monitor Server UI unresponsive after thread dead lock

The synchronization methods were changed so to use a single lock object to avoid dead locks in the Monitor Server.

4.4 Version 12.1.3.0.4 — 28 March 2016

Bug 19785117 - Support new MPs in Oracle GoldenGate Monitor.

Support for new MPs was added so that the Monitor Agent instance is correctly discovered in the Monitor UI. Support for the Oracle GoldenGate Enterprise Manager Plug-in was added.

Bug 19688486 - Negative values are set for delta values of performance MPs

If the current value of a performance MP is zero, its delta value is now also zero.

Bug 20322313 - Coordinated Replicat threads should not have Configuration Tab

Child threads of Coordinated Replicat no longer have a Configuration Tab.

4.5 Version 12.1.3.0.3 — 21 April 2015

Bug 16437867 - Report/Discard file of maximum size of 1 MB is displayed in Monitor UI

Display and scrolling of Report and Discard Files was modified to correctly present all data.

Bug 20547345 - SNMP traps capture incorrect MIB enterprise number

The MIB file is now matched to the SNMP trap that is generated by Oracle GoldenGate Monitor and correctly setups up SNMP email alerts.

Bug 20537434 - z/OS: Configuration tab shows ER parameters in single line

The rendering of the Configuration tab was corrected so that ER parameters are displayed on multiple lines on DB2 z/OS platforms.

Bug 20494454 - Jagent hangs with no log message when `conf jagent.backward.compatibility=true`

The JAgent installation is set to `false` (`jagent.backward.compatibility=false`) irrespective of Oracle GoldenGate core release.

Bug 19509150 - `create_ogg_agent_instance.sh -create` fails with `java.io.IOException: No such dev`

The Java I/O file copy mechanism was corrected.

Bug 20186874 - Develop Monitor Agent script to display Monitor Agent release

Two scripts, `displayMonitorAgentVersion.bat` and `displayMonitorAgentVersion.sh`, to display the Oracle GoldenGate Monitor Agent release are introduced.

Bug 20271332 - Jagent output [`StatusCollector`] messages repeated every 5 seconds.

Unnecessary messages are no longer logged by JAgent because the info level logs were set to trace.

4.6 Version 12.1.3.0.2 — 23 December 2014

Bug 19196982 - The Include File Hypertext is Not Linked

The include file hypertext is now correctly linked even when it contains whitespace.

Bug 18397828 - Repeated Labels on the Historical Data Tab When Switching From Chart View to and Table View

The Table View of the Historical Data tab no longer displays repeated labels.

4.7 Version 12.1.3.0.1 — 18 November 2014

Bug 19461020 - OGGMON-60207 Invalid Login Credentials

Fixed a issued with Monitor Server on a systems that doesn't have graphic input device, for example, Exadata.

Bug 19424540 - OGG Jagent cannot connect to OGG Monitor Server

Addressed a dynamic port issue when using non-SSL communication.

Bug 19196959 - View configuration file has no scroll bar

Fixed the issue of viewing large configuration file.

4.8 Version 12.1.3.0.0 — July 2014

Initial Release.

5 Known Issues

This chapter describes issues that are known to exist in this release of Oracle GoldenGate Monitor. The information in this section is divided into the following releases:

- Section 5.1, "Version 12.1.3.0.1 — 18 November 2014"
- Section 5.2, "Version 12.1.3.0.0 — July 2014"

5.1 Version 12.1.3.0.1 — 18 November 2014

Oracle GoldenGate Core Manager Needs to be Restarted If JDK Changed To 1.7

Oracle GoldenGate Monitor Agent supports only JDK7 so, if you start Manager JDK6 and Oracle GoldenGate Monitor Agentwith JDK7, registration will not occur. To register the agent successfully with Oracle GoldenGate Monitor Server, you must restart the manager. Do one of the following:

- If you plan ahead and decide to monitor Oracle GoldenGate Monitor instances, ensure that JDK 1.7 is added in the `PATH` and `JAVA_HOME` environment variables and then start the Manager and ER processes, followed by Oracle GoldenGate Monitor Agent.
- If you decide to use monitoring software later, then stop all Oracle GoldenGate processes, including Manager. Then add JDK 1.7 in `PATH` and `JAVA_HOME` environment variables and then start all Oracle GoldenGate processes, along with Oracle GoldenGate Monitor Agent.

5.2 Version 12.1.3.0.0 — July 2014

11g Users Not Migrated to Version 12.1.3 After Upgrade

After upgrading to Oracle GoldenGate Monitor 12c (12.1.3), Oracle GoldenGate Monitor 11g users cannot immediately log in to it. You must create users and assign privileges by using the Oracle WebLogic Administration Console. For more information, see "Managing Users from the WebLogic Administration Console" in *Installing and Configuring Oracle GoldenGate Monitor Server*.

T2P Cannot be Used with Compact Domains

The test-to-production (T2P) process is supported only for Oracle GoldenGate Monitor Server in an expanded domain. It is not supported for compact domains since these domains are not intended for production environments. Expanded domains are used for Oracle databases whereas compact domains are used for non-Oracle databases, for example MySQL and SQL Server.

Views Created in Oracle GoldenGate 11g Do Not Appear

After upgrading to Oracle GoldenGate Monitor 12*c* (12.1.3), as described in *Upgrading to Oracle GoldenGate Monitor 12.1.3*, views created in version 11g will not appear. Only users who have access to Oracle GoldenGate Monitor Agent will have access to views

and solutions. Additionally, users granted the Administrator role cannot see 11g views created by other users.

To see views, add the 11g users in WebLogic Server as described in "Managing Users from the WebLogic Administration Console", and then log in to Oracle GoldenGate Monitor.

Oracle GoldenGate Monitor 12*c* (12.1.3) Does Not Support 32-Bit or TRU 64

This version of Oracle GoldenGate Monitor does not support any 32-bit or TRU 64 databases. For current platform support information for Oracle GoldenGate Monitor 12c (12.1.3), log in to Oracle support at `http://support.oracle.com` then click the **Certifications** tab.

Linux HugePages are Not Supported

Since Oracle GoldenGate Monitor does not use sharable memory, it cannot use Linux HugePages.

Issues With Solution Discovery in Monitor UI when Core Setup Changes

When you change the core setup, the existing solution or partial solution remains visible on the UI. Due to this, the solution for the new setup is not discovered in the UI. When the core setup changes, a new solution should be displayed in the UI, not the solution or partial solution that appeared before the setup change. To work around this issue, do the following:

1. Stop the process first, then delete them.
2. Wait until all process, the database, and trial files are removed from the instance. part as well as from the solution part of the Monitor UI.
3. Stop Oracle GoldenGate Monitor Agent.

When `UNKNOWN` database is displayed in the UI, the solution is not discovered properly by the UI.

1. Add all the processes.
2. Start all the processes.
3. Start Oracle GoldenGate Monitor Agent.

6 Oracle GoldenGate Monitor Documentation

For more information, see the following documents in the Oracle GoldenGate Monitor 12*c* (12.1.3) documentation set:

- *Administering Oracle GoldenGate Monitor*
- *Oracle GoldenGate Monitor Console Online Help*
- *Installing and Configuring Oracle GoldenGate Monitor Server*
- *Upgrading to Oracle GoldenGate Monitor 12.1.3*
- *Release Notes for Oracle GoldenGate Monitor*

7 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 that have purchased support 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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