

ORACLE MANAGEMENT PACK FOR ORACLE GOLDENGATE

STREAMLINE MANAGEMENT AND MONITORING OF ORACLE GOLDENGATE

KEY FEATURES

- Automatic solution discovery and customizable views
- Web-based interfaces for increased visibility into Oracle GoldenGate components
- Email, SNMP, and third-party integration
- Real-time feedback on Oracle GoldenGate processes
- Near zero-impact implementation that retains the high-performance capabilities of Oracle GoldenGate

KEY BENEFITS

- Consolidate information from multiple instances of Oracle GoldenGate to improve process management
- Reduce the time to deployment for Oracle GoldenGate solutions through GUI-based process design
- Minimize the time to resolve data discrepancies through comprehensive e-mail, SNMP and CLI alert capabilities

Management Pack for Oracle GoldenGate provides components that enable designing, configuring, managing, and monitoring Oracle GoldenGate core replication processes implemented across your business. The intuitive, graphical user interface helps you improve the productivity of your IT staff, leverage existing infrastructure to maximize return on investment, and reduce the time to production for continuous availability, real-time data integration, and zero downtime migration solutions.

Oracle GoldenGate Monitor – Next Generation Monitoring

The Management Pack for Oracle GoldenGate license includes a monitoring component, Oracle GoldenGate Monitor that provides an end-to-end view of all your Oracle GoldenGate implementations. GoldenGate Monitor can integrate with your existing alerting infrastructure with its sophisticated alerts based on SNMP, email and command line integration (CLI) for third-party call outs. GoldenGate Monitor is designed to take advantage of the low-impact agent that is included with Oracle GoldenGate, and supports Oracle GoldenGate Release 11.1.1.1.1 and higher. One agent per GoldenGate instance collects monitoring points— such as status, lag, number of inserts, updates, and deletes— and sends them to the GoldenGate Monitor Server. Using this data, Oracle GoldenGate Monitor graphically displays your end-to-end replication solutions and provides sophisticated server side alerting logic.

Complete Visualization

Oracle GoldenGate Monitor Server communicates with core Oracle GoldenGate components to provide a complete up-to-the- second view of all your real-time data integration and replication solutions with Oracle GoldenGate. The product provides users with the following:

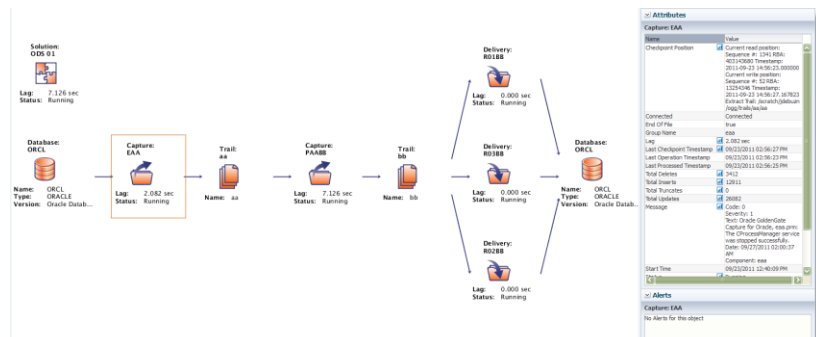
Automatic end-to-end solution discovery. When you start your Oracle GoldenGate processes, the agent registers with the Oracle GoldenGate Monitor Server. The server uses information provided by the agent to link the loosely coupled components into end-to-end solutions, which are displayed as flow diagrams.

Customizable views. Complementing the automatic solution discovery capability are customizable views. You can drag and drop various GoldenGate components onto a single view and share them with the rest of your team.

Customizable alert notifications. Oracle GoldenGate Monitor alerts can automatically notify you and external programs when a specified condition exists for a GoldenGate component. For example, it can be configured to send email if lag time reaches a certain low threshold; if it reaches another, higher threshold, it can send email and a warning SNMP alert. If the lag time reaches a critical value, it can send email, an error SNMP alert, and call an external program. This flexibility applies to all captured monitoring points, and can be used in compound alert conditions.

Drill into process monitoring points. Checking the status of your customized views and automatically generated end-to-end solutions is a fast and easy way to see the health of your GoldenGate infrastructure. Clicking each component brings up several more key real-time

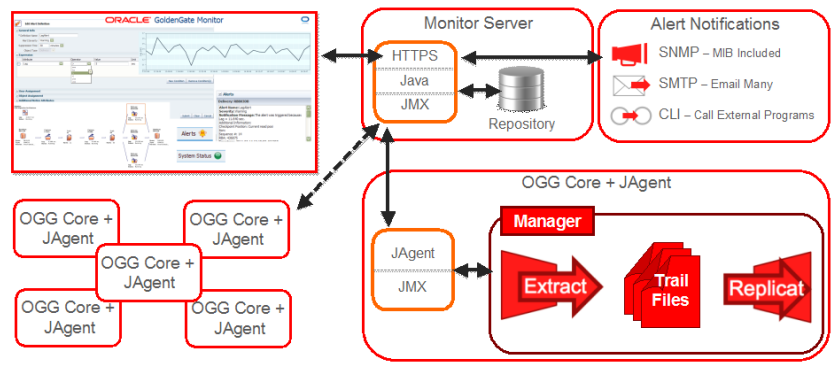
monitoring points, such as current number of inserts, updates, and deletes, checkpoint information, and last error log message.



Oracle GoldenGate Monitor enables to view your end-to-end solutions as flow diagrams.

Modern Architecture

Oracle GoldenGate Monitor uses industry standard technologies to deliver a robust and lightweight web centric solution to monitor Oracle GoldenGate modules throughout the enterprise.



Oracle GoldenGate Monitor provides graphical monitoring of Oracle GoldenGate deployments.

Oracle GoldenGate Monitor consists of the following components:

Oracle GoldenGate. An Oracle GoldenGate Monitor Server communicates with one or more Oracle GoldenGate instances using Java Management Extensions (JMX). The Manager process for each Oracle GoldenGate instance is associated with an Oracle GoldenGate Monitor Agent that supplies information about the instance to the Oracle GoldenGate Monitor Server.

Oracle GoldenGate Monitor Agent. An Oracle GoldenGate Monitor Agent is installed with each Oracle GoldenGate instance. It collects information about the instance and sends it to the Oracle GoldenGate Monitor Server.

Oracle GoldenGate Monitor Server. The Oracle GoldenGate Monitor Server coordinates the monitoring of multiple Oracle GoldenGate instances. The Oracle GoldenGate Monitor Server processes information from Oracle GoldenGate Monitor agents and communicates it to

the web browser as well as manages users, history, the display of information, and notifications triggered by events.

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GOLDENGATE**

Management Pack for Oracle GoldenGate simplifies the management and monitoring of Oracle GoldenGate processes to achieve fast time to value for high-availability, and real-time data integration solutions.

RELATED PRODUCTS

- Oracle GoldenGate
- Oracle GoldenGate Veridata
- Oracle GoldenGate Application Adapters

Oracle GoldenGate Monitor Repository. The Oracle GoldenGate Monitor Server uses a database as a central repository which can be purged at a user-controlled interval. This repository stores information about users and groups, process status, monitoring points, events, and other information.

Oracle GoldenGate Director – Configuration & Administration

The Management Pack for Oracle GoldenGate license also includes a configuration component, Oracle GoldenGate Director. GoldenGate Director is a graphical tool that expedites the Oracle GoldenGate process design and simplifies the management of GoldenGate replication components.

Key Oracle GoldenGate Director Benefits

Oracle GoldenGate Director provides the following benefits to enhance the management of Oracle GoldenGate deployments:

Rapid deployment and administration. GUI-based configuration reduces human errors and enables rapid production of multi-server solutions from a central location. This component facilitates your initial setup and ongoing configuration of GoldenGate replication modules.

Centralized command and control. You can start, stop, and investigate Oracle GoldenGate modules running on multiple hosts. GoldenGate Director also gives you access to a remote Oracle GoldenGate command line interface.

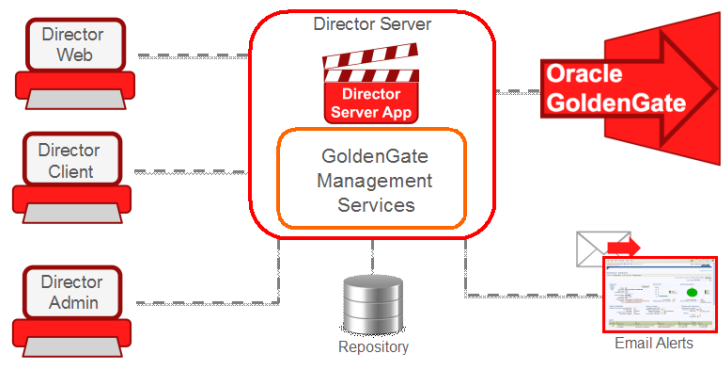
Intelligent parameter selection. It automatically provides you with valid parameters for an Oracle GoldenGate component on a particular platform, while hiding invalid parameters at design time.

Basic stats and alerts. It consolidates GoldenGate component status, lag time, and event information from multiple servers for simplified viewing and sends e-mail notifications based on configurable rules.

Works with earlier versions of Oracle GoldenGate. Supports Oracle GoldenGate 10.4 and 11.x installations.

Robust, Component-Based Architecture

Oracle GoldenGate Director utilizes a component-based architecture consisting of a centralized server, a zero-footprint web client, and a rich client administration console.



Management Pack for Oracle GoldenGate provides graphical monitoring and administration tools to simplify the management of Oracle GoldenGate deployments.

Summary

Management Pack for Oracle GoldenGate includes two robust and complementary products: Oracle GoldenGate Monitor for monitoring your Oracle GoldenGate implementations, and Oracle GoldenGate Director for managing Oracle GoldenGate components. Together they empower the new and seasoned Oracle GoldenGate users alike with enterprise level monitoring and alerting, and simplified deployment with GUI-based configuration

Contact Us

For more information about Oracle GoldenGate Monitor visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.



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