Oracle® GoldenGate

Licensing Information

Release 10.4

E15889-01

September 2009

This document describes the licensing terms for Oracle GoldenGate Release 10.4.

1 Oracle GoldenGate

Oracle GoldenGate is a comprehensive software package for enabling the replication of data in heterogeneous data environments. The license for Oracle GoldenGate includes a full use license for Oracle Active Data Guard, and a full use license for XStream in the Oracle Database.

Oracle GoldenGate includes the following components:

- **Oracle GoldenGate** is a log-based, real-time change data capture (CDC) software platform that moves high volumes of transactional data between heterogeneous databases with very low latency, and allows logical data replication. A typical environment includes a capture, pump and delivery process. Each of these processes can run on most of the popular operating systems and databases. You can replicate all or a portion of your data, and you can even manipulate the data within any of these processes for not only heterogeneous environments but also different database schemas.
- XStream
- Oracle Active Data Guard
- Oracle GoldenGate for Mainframe
- Management Pack for Oracle GoldenGate
- Oracle GoldenGate Veridata
- Oracle GoldenGate Application Adapters

2 XStream

XStream, which is built on the infrastructure of Oracle Streams, provides application programming interfaces (APIs) that enable client applications to receive real-time data changes from an Oracle database (using XStream Out APIs) and to send real-time data changes to an Oracle database (using XStream In APIs). These data changes can be shared between Oracle databases and other systems, such as file systems and non-Oracle databases.

3 Oracle Active Data Guard

Oracle Active Data Guard enables a physical standby database to be open read-only while changes are applied to it from the primary database, enabling read-only reporting on the physical standby with minimal latency between reporting and production data. Oracle Active Data Guard also allows backup operations to be off-loaded to the standby database using fast incremental backups. Oracle Active Data Guard provides the additional benefit of high availability and disaster protection by quickly failing over to the standby database in the event of a planned or an unplanned outage at the production site.

4 Oracle GoldenGate for Mainframe

Oracle GoldenGate is a log-based, real-time change data capture (CDC) software platform running on HP NonStop databases (Enscribe, SQL/MX, and SQL/MP) and DB2 running on z/OS that replicates high volumes of transactional data between homogeneous and heterogeneous database environments. All of the data or a portion of the data can be replicated, and you can even manipulate the data for not only heterogeneous environments but also unequal database schemas too.

5 Management Pack for Oracle GoldenGate

Oracle GoldenGate Director allows organizations to easily monitor and manage their Oracle GoldenGate deployments. It is a server-based product that features an intuitive graphical interface for centrally designing, configuring, managing, monitoring, and reporting on the Oracle GoldenGate processes implemented across a customer's infrastructure.

6 Oracle GoldenGate Veridata

Oracle GoldenGate Veridata is a high-speed data comparison solution that identifies and reports data discrepancies between databases without interrupting ongoing business processes. Using Oracle GoldenGate Veridata, companies can audit and verify large volumes of data across a variety of business applications with certainty, and maintain reliable data synchronization.

7 Oracle GoldenGate Application Adapters

The following components are licensed together as part of the Oracle GoldenGate Application Adapter for Base24:

- **Oracle GoldenGate D24** allows transactional data to be synchronized bi-directionally in real time throughout the day. In the event of an outage on one system, the full transaction load will be processed on the remaining machine, ensuring continuous availability.
- **Oracle GoldenGate N24** coordinates the notification message to all BASE24 satellite processes once the file refresh process has completed. Coordination is

available for bidirectional configurations as well as uni-directional without the need to modify BASE24.

- **Oracle GoldenGate T24** resolves problems with moving tokenized or segmented data to other platforms and databases. Reorganizes and reformats the transaction log (TLF and PTLF) tokens for all transaction types into a configurable order. Also reorganizes and re-formats PBF and CAF segments into a defined flat structure that can be propagated into any supported database.

The following components are licensed together as part of the Oracle GoldenGate Application Adapter for JMS and Flat File:

- **Oracle GoldenGate for Flat File** is used for file integration, predominantly for ETL, proprietary, or legacy applications. Oracle GoldenGate can write micro batches to disk to be consumed by tools that expect batch/file input. The data is formatted by Oracle GoldenGate to the specifications of the target application, for example, delimiter separated values, length delimited values, binary, etc. Near real-time feeds to these systems are accomplished by decreasing the time window for batch file rollover to minutes or even seconds.
- **Oracle GoldenGate for Java** allows customers to execute custom event handlers written in Java to process the transaction operations and metadata changes captured by Oracle GoldenGate on the source system. These custom Java handlers can apply these changes to a third-party Java API exposed by the target system.

The following adapter is licensed separately:

- **Oracle GoldenGate Logger for Enscribe** provides the mechanism to capture changes on non-audited Enscribe platforms. Logger requires GGSLIB, an intercept library, that binds the Oracle GoldenGate application to the user's NonStop application. When an Enscribe operation (such as WRITE) executes, GGSLIB intercepts it and sends the record to Logger. Logger writes the records to the universal format log trail, which can then be processed like any other log-based source.

8 Restricted-Use Licenses

The following restricted-use licenses are included when you license Management Pack for Oracle GoldenGate:

- Oracle WebLogic Server Standard Edition may only be used to host J2EE or Java application logic that is distributed as part of Management Pack for Oracle GoldenGate.

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