This document contains licensing information for the Oracle TimesTen In-Memory Database. It contains the following topics:

- Licensing Options
- Oracle TimesTen Product Components
- Third-Party Notices and/or Licenses

1 Licensing Options

Oracle TimesTen In-Memory Database is available in these licensing options, referencing the TimesTen product components described later in this document:

1.1 Oracle TimesTen In-Memory Database

The Oracle TimesTen In-Memory Database license includes the features provided by the following product components:

- TimesTen In-Memory Database in Classic Mode
- TimesTen Scaleout
- TimesTen In-Memory Analytics
- TimesTen to TimesTen Replication

1.2 Oracle TimesTen Application-Tier Database Cache

The Oracle TimesTen Application-Tier Database Cache license includes the features provided by the following product components:

- TimesTen In-Memory Database in Classic Mode
- TimesTen Caching from Oracle Database
- TimesTen to TimesTen Replication

This license requires an Oracle Database Enterprise Edition license for the source database.

1.3 Oracle TimesTen In-Memory Database for Exalytics

The TimesTen In-Memory Database for Exalytics license includes the features provided by the following product components:

- TimesTen In-Memory Database in Classic Mode
2 Oracle TimesTen Product Components

This section contains functionality information for the Oracle TimesTen In-Memory Database components.

2.1 TimesTen In-Memory Database in Classic Mode

- Relational in-memory database with persistence on disk and flash storage
- SQL query processing and transaction processing with ACID properties
- Utilities and built-in procedures for database operations and administration
- Application programming interfaces including JDBC, ODBC, OCI (Oracle Call Interface), ODP.NET, and PL/SQL supporting direct-linked and client/server connections
- SQL Developer support for TimesTen database application development
- TimesTen Plug-in for Oracle Enterprise Manager
- All other functionality not explicitly defined in the sections below

2.2 TimesTen Scaleout

- Transparent data distribution
- Transparent elasticity
- High availability and fault tolerance

2.3 TimesTen In-Memory Analytics

- In-Memory Columnar Compression
- OLAP Group Operators including Cube, Grouping Set, Rollup
- Star-Join query performance optimizations

2.4 TimesTen to TimesTen Replication

- Real-time transactional replication between TimesTen databases
- All replication topologies including Classic Active-Standby, Active-Standby Pair, and Active-Standby Pair with Read-only Subscribers
- Automated failover management of TimesTen databases, processes and applications using Oracle Clusterware.

The use of Oracle Clusterware to manage Active-Standby Pair replication is available without additional licensing cost, provided that the customer has an active Oracle Support agreement for any of the TimesTen product licenses.
2.5 TimesTen Caching from Oracle Database

- Caching Oracle Database tables into a TimesTen database with automatic data synchronization between the TimesTen database and the Oracle Database
- Cache Group features and functionality
- Read/write and read-only access with automatic data synchronization for cache tables

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://www.ietf.org/rfc/rfc1950.txt (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).

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