

Quest® SharePlex® for MySQL & PostgreSQL

Replicate Oracle data to MySQL and PostgreSQL targets.

Open-source databases continue to be in high demand as companies look to reduce costs and decrease vendor lock-in. Organizations seeking alternatives to Oracle have turned to open-source databases like MySQL and PostgreSQL, but need an efficient way to replicate their data to these destinations without disrupting business operations.

SharePlex® by Quest® is a low footprint, multi-platform replication solution that captures changes made to a source Oracle database and replicates in nearly real-time to target databases that now include MySQL and PostgreSQL.

With built-in conflict resolution, data comparison and synchronization capabilities, SharePlex is the only enterprise-ready solution providing flawless data replication for high availability, disaster recovery and database migration needs. It also works seamlessly across platforms, in hybrid database environments and in cloud-based PaaS infrastructures.

In addition to on-premises implementations of MySQL and PostgreSQL, SharePlex supports the following cloud services:

- **MySQL** — Amazon AWS RDS and Aurora, and Azure Database for MySQL.
- **PostgreSQL** — Amazon Aurora and Azure Database for PostgreSQL.

In situations where companies want to stay with Oracle for their mission-critical systems, they are looking to integrate their data across other, lower

cost cloud platforms with better data warehousing and business intelligence (BI) applications in order to get better value from their Oracle data, as well as to use offload reporting systems to reduce the load from their Oracle production systems. Consequently, interoperability between Oracle databases and open-source databases is often required to ensure that data moves between the systems in real time.

SharePlex enables the continuous replication of Oracle data to MySQL and PostgreSQL databases on premises or in the cloud, with zero impact and near-zero downtime. Companies can therefore reduce the load from their production Oracle systems while lowering licensing costs, yet still be able to maintain real-time replicas for reporting or BI.

Benefits:

- **Affordably replicate Oracle data to MySQL and PostgreSQL targets**
- **Offload real-time reporting and analytics to non-production databases**
- **Optimize business intelligence applications with real-time data**
- **Receive world-class multi-tier 24x7 support through localized, non-outsourced support centers**
- **Maximize total cost of ownership with an all-in-one, tightly coupled replication solution**



Fig 1: Hybrid cloud infrastructure showing Oracle data replication to MySQL and PostgreSQL targets in Azure



Fig 2: Hybrid cloud infrastructure showing Oracle data replication to MySQL and PostgreSQL targets in AWS

Key Features

Conflict resolution — Built-in conflict resolution handles the most common scenarios, including time stamps and trusted source. You can also customize conflict resolution routines using Oracle stored procedures in PL/SQL or Java.

Automated compare and repair — The Compare and Repair utility in SharePlex compares source and target tables quickly and efficiently. It can fix out-of-sync problems on the fly, without the need for user intervention. Compare and Repair can also be used on live tables through the use of a lock on the table while the repair is in progress..

Synchronize — SharePlex allows a target table (or a group of tables) to be automatically resynchronized with a logical database copy from the source. Optionally, table data can be appended to existing target tables instead of truncating the target tables first. This happens while tables are live and undergoing change, with zero downtime to the source system during the copy-append operation.

One tool, many uses

With SharePlex, you can move data from Oracle to other data platforms, on premises or in the cloud, to achieve a variety of business goals – with a single, comprehensive data replication tool that’s easy to install and use. In fact, you can get up and running in 15 minutes through a streamlined configuration process.

SharePlex is sold as an all-in-one license where you receive all its features for one low price that equates to 10 percent of the total cost of ownership of other replication solutions – no add-ons or management packs needed. Easily move your Oracle data to a variety of database targets, including open-source options, with SharePlex.

About Quest

Quest creates software solutions that make the benefits of new technology real in an increasingly complex IT landscape. From database and systems management, to Active Directory and Office 365 management, and cyber security resilience, Quest helps customers solve their next IT challenge now. Quest Software. Where next meets now.