Quest

SharePlex

The golden alternative for database replication to achieve high availability, scalability and near real-time data integration.
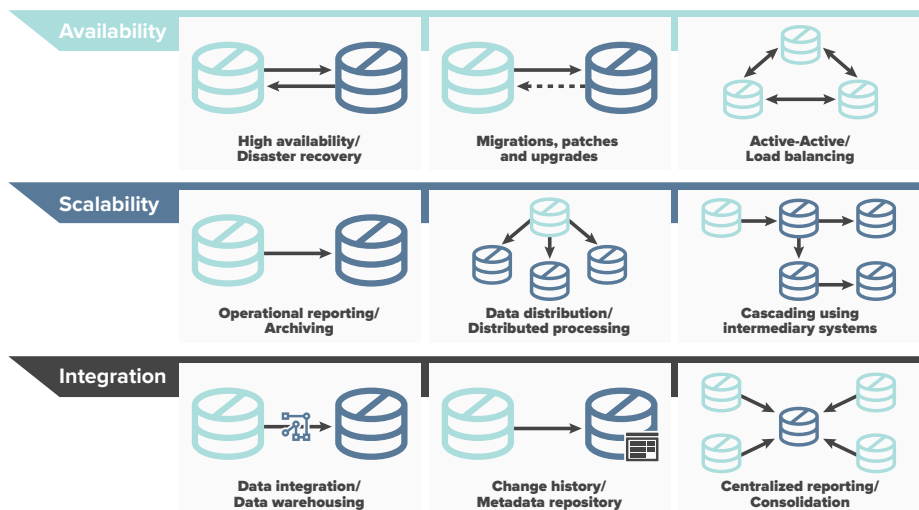
Enable high-performance replication and data integration for Oracle® and other databases, such as Microsoft® SQL Server®, SAP HANA®, SAP® Adaptive Server® Enterprise (ASE), Teradata and EnterpriseDB® (EDB™) Postgres Advanced Server®, with SharePlex. Only SharePlex provides Java Message Service (JMS) queues, flat file output to SQL and XML, in-flight data integrity, monitoring and alerting functionalities, as well as great customer support — all in one affordable solution.

Often considered the "golden alternative" for database replication, SharePlex ensures high availability and business continuity, and enables you to meet your database operational goals. It provides a real-time copy of production data — without impacting your OLTP system's performance and availability. The data is continuously replicated from one database server to another, with no scheduling required. It immediately replicates any change in data on the source to the target,

so the target database is always in sync and the data is always instantly available. And unlike any other solution, SharePlex employs a streaming process outside the database instance — creating a small footprint for minimal impact on database performance and network capacity.

FEATURES

- **Database replication** — Provide high availability for both active-passive and active-active Oracle 10g, 11g and 12c database configurations on premises, remote and in the cloud.

- **Near real-time data integration** — Use change data capture from Oracle to enable delivery of data-native capabilities to Oracle, SQL Server, EDB Postgres Advanced Server and multiple flavors of JMS, as well as SQL and XML files for migrations. Near limitless integration is possible through the creation of customer-created adapters to read JMS to post to Netezza, Teradata and even unstructured targets such as Cassandra, MongoDB, HBASE, Hadoop and more.

> "We have eliminated the two hours of downtime we used to have every night for our reporting database by switching to SharePlex."
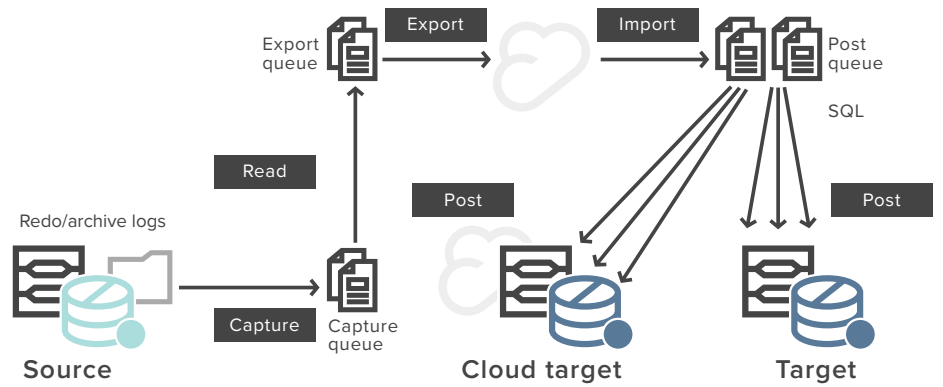>
> *Sean Scott, Oracle DBA, Bodybuilding.com*

BENEFITS:

- Costs a fraction of the price of other replication tools, including Oracle

- Includes award-winning, industry-leading support

- Comes with access to educational resources in our online community to further optimize replication

- Supports all legacy and current Oracle Standard Editions

- Facilitates near real-time data integration via continuous replication to Oracle, Microsoft SQL Server, SAP ASE, SAP HANA, Teradata, EDB Postgres, JMS queue and XML files

- Ensures high availability and the fastest possible recovery time objective (RTO)

- Minimizes risks and downtime associated with migrations

- Enables near real-time reporting, analytics and data warehousing

Availability
- High availability/ Disaster recovery
- Migrations, patches and upgrades
- Active-Active/ Load balancing

Scalability
- Operational reporting/ Archiving
- Data distribution/ Distributed processing
- Cascading using intermediary systems

Integration
- Data integration/ Data warehousing
- Change history/ Metadata repository
- Centralized reporting/ Consolidation

SharePlex is easily configurable to meet your business needs and specific use case.

The SharePlex data replication process

SYSTEM REQUIREMENTS

PLATFORM

UNIX®, Linux®, Windows®

MEMORY

SharePlex processes are 64-bit.

Per process memory is greater than or equal to 256MB.

SOURCE ENVIRONMENTS

Oracle

TARGET ENVIRONMENTS

Oracle, Microsoft SQL Server, SAP ASE, SAP HANA, Teradata, EDB Postgres Advanced Server, JMS queue, SQL and XML files
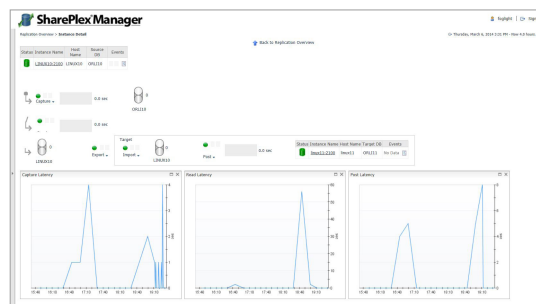
See the platform-specific pre-installation checklist in the installation guide for additional system and database requirements.

For replication, migration or data integration from Oracle, go to quest.com/products/shareplex/

- **Time-saving simplicity** — Quickly and easily install so you can use everything required for data replication within 15 minutes — without ever requiring any add-ons or management packs.

- **Data accuracy and integrity** — Ensure that target instances are accurate representations of the source database. Provide peer-to-peer monitoring and conflict detection and resolution (predefined and user defined). Use compare and repair to reveal anomalies between source and target for rapid, zero downtime delta resolution.

- **Improved performance** — Offload process-intensive reports outside the main production database server. Replicate large volumes of changes without spikes in network activity.

- **Oracle-to-Oracle migration failback** — Quickly revert back to the original system with no data loss should something go wrong on the post-migration system.

- **Support for Oracle Standard Edition and Enterprise Edition** — Support mixed environments with differing source and target operating systems, database editions and database versions, including 10g through 12c, clustered environments, and ASM, RAC and Exadata® X2, X3, X4 and X5.

- **Flexible support for datatypes** — Support LOBs, including SecureFile LOBs, UDTs, LONG, Varray, Oracle Advanced Compression, Oracle Transparent Data Encryption (TDE) and Hybrid Columnar Compression (HCC) for Exadata platforms.

- **Unrivaled affordability** — Provide an economical replacement to Oracle Streams with all the functionality of Oracle GoldenGate, including compare and repair utilities, as well as a monitoring and alerting interface — in one complete package — at a fraction of the price.

ABOUT QUEST

Quest helps our customers reduce tedious administration tasks so they can focus on the innovation necessary for their businesses to grow. Quest® solutions are scalable, affordable and simple to use, and they deliver unmatched efficiency and productivity. Combined with Quest's invitation to the global community to be a part of its innovation, as well as our firm commitment to ensuring customer satisfaction, Quest will continue to accelerate the delivery of the most comprehensive solutions for Azure cloud management, SaaS, security, workforce mobility and data-driven insight.

Easily monitor and manage all aspects of your environment through the management console.

Quest