

SharePlex® for Amazon Web Services (AWS)

Simplify your journey to the cloud with a cost-effective, cloud-based database replication and migration solution.

Amazon Web Services (AWS) offers large and small enterprise and government organizations the ability to leverage cloud-based computing to decrease IT costs and scale key workloads. In a recent DBTA survey, 43 percent of organizations indicated a substantial portion of their production data is now cloud-based. For organizations leveraging AWS for their database needs, Quest® SharePlex® for AWS facilitates migrations to the cloud, replication within the cloud and between cloud and on-premises environments, and cross-platform interoperability.

SharePlex employs a streaming process outside the database instance, resulting in minimal impact on your source production database as well as minimal network bandwidth.

Reliable cloud migration with minimal risk and zero downtime

Using real-time database replication, SharePlex allows you to migrate mission-critical, on-premises Oracle and PostgreSQL databases to Amazon RDS or Amazon EC2 without interrupting user access. Because you still have to support your daily operations during a migration, SharePlex allows use of your on-premises data while establishing the cloud database. You only incur downtime when redirecting users to the cloud database. Minimize the risk of a failed migration impacting your end users with the ability to fail back to the on-premises database by reversing replication direction to maintain an up-to-date on-premises version. Once the cloud environment has been fully tested, the on-premises database can be retired.

Migrating would have caused about 20 hours of downtime if we'd done it manually. We were able to reduce this time window to just 40 minutes with SharePlex.

Senior IT Manager at a technology Fortune 500 company.

Benefits:

- Mitigates risk of downtime
- Supports interoperability between systems during your transition to AWS
- Helps ensure high availability and disaster recovery of mission-critical databases
- Improve performance by using active-active replication to place databases close to regional users
- Ensure data interoperability with all of your analytic and database systems
- Includes award-winning, industry-leading 24x7 technical support



Replication in the Cloud

Use active-active replication to create resilient PostgreSQL clusters that can handle large amounts of data, distributing instances across regions.

Oracle and PostgreSQL active-active replication is available with conflict resolution for high availability (HA), disaster recovery (DR) and horizontal scaling. Oracle/PostgreSQL bi-directional database replication with conflict resolution will help to de-risk migrations and support interoperability requirements.

Replication between cloud and on-premises environments

SharePlex supports one-way replication, and active-active replication between on-premises and cloud environments, including RDS, Aurora and EC2.

Seamless data integration in hybrid environments

Whether you are delivering data for analytics or consuming data for reporting, replicate data in cross-platform environments to ensure business interoperability.

SharePlex for Oracle and SharePlex for PostgreSQL replicate to multiple data platforms, including Kafka, Snowflake, SQL Server, MySQL, etc.

For organizations looking to replicate between cloud vendors, SharePlex supports Azure, AWS, Oracle Cloud and other popular vendors.

Unrivaled support

SharePlex comes with unrivaled, mission-critical, highly rated 24x7x365 support that has earned multiple industry awards.

Learn more at quest.com/products/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 Microsoft 365 migration and management, and cybersecurity resilience, Quest helps customers solve their next IT challenge now. Quest Software. Where next meets now.