

## SharePlex® by Quest® for Apache Kafka

Fast-moving data is needed for the real-time analytics that drive business decisions. If data can't move effectively between its endpoints, the costs from inefficient processing could be significant.

Many organizations are adopting Apache Kafka to decouple their data endpoints through the use of a middleware platform. Kafka is essentially a message broker that eliminates the need for multiple endpoints to be compatible with each other – they simply need to interact with Kafka.

Apache Kafka is particularly useful for the rapid data streaming that accompanies use cases like in-purchase recommendations, analyzing streams from thousands of IoT devices and event log abstraction. Perhaps Kafka's best use is the rapid and reliable streaming of

operational data from multiple sources into a centralized location where a business intelligence platform can access the data.

By virtue of its architecture, Kafka is scalable, fault tolerant and extremely fast. This is what has contributed to Kafka's rapid adoption.

### **WHY DO YOU NEED SHAREPLEX WITH KAFKA?**

SharePlex® by Quest® uses a change data capture (CDC) approach for replication that works faster than native tools to move data out of your Oracle database. This means that SharePlex can rapidly stream data into Kafka from Oracle, where it can then be quickly brokered to the data consumer. This includes Azure Event Hubs for Kafka.

SharePlex is a change data capture (CDC) tool for Kafka that provides high value through increased availability, scalability and data integration services.

### **BENEFITS:**

- Low cost
- Simplicity
- Award winning support
- Fast
- Accurate



Maximize big data while improving Apache Kafka performance to get fast, accurate, real-time data for your analytics.

With SharePlex for Kafka, your Oracle databases become the source of real-time data for critical business decisions, enhanced customer interactions, and better operational performance.

### MOVING ORACLE TRANSACTIONS INTO AZURE

SharePlex enables the high-speed replication of Oracle data into Azure Event Hubs for Kafka. These data streams can be pushed to any number of consumers for stream processing by cloud analytics services, such as Azure Synapse Analytics and Snowflake, for faster insights that support strategic business decisions, while avoiding any possibility of downtime.

Some advantages of SharePlex:

- Replicate data from your Oracle databases to your Kafka environment for your streaming needs
- Leverage Azure Event Hubs for Kafka to move Oracle data streams into Azure data analytics platforms
- Easy to use
- Fault tolerant
- High data integrity

- Low overhead
- Flexible datatype support
- Affordable
- Replicates only the data needed

### FEATURES

- **Data control** — Only move the data needed. Granular control at the table, row or column level
- **Fault tolerant** — Minimize data loss in case of unplanned outages or network disruptions
- **Multi Topic Support** — Send specific data to one or more different Kafka topics
- **Multi format support** — Both JSON and XML formats supported
- **Scalable** — Able to grow to meet a growing environment

### 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.