# Product Introduction

Streaming data center is an extensible, distributed and high-throughput message service oriented towards big data scenario, providing message establishment and subscription functions with low latency to help users to construct streaming data analysis and application rapidly.

# Product Features

(1) Auto Scaling

It can adjust its message processing capacity rapidly and flexibly according to service scale.

(2) Easy Access

Several methods are provided to access data quickly, for example, Restful API/SDK/Agent.

(3) Easy Integration

Users can quickly build the real-time analysis application through the integration with the products of stream computing.

(4) Auto archiving

The data archiving function is configured to automatically store streaming data in cloud storage and data warehouse.

# Product Function

(1) Data Access

Multiple data access methods can satisfy different requirements of scenarios

Support multiple data access methods such as API, SDK, Agent, Syslog, etc., as well as open subject services by the approach of customization.

(2) Auto Scaling

Support dynamic scaling for the data streaming throughput and use on demand

Provide shard split and shard combination function at single subject level, adjust concurrent processing capability of subject message on demand.

(3) Data Archiving

Customize streaming data archiving policy and real-time archiving

Provide data archiving function, automatically store streaming data into cloud storage or data warehouse according to the user customized archiving policy.

# Application Scenario

(1) Real-time Data Integration

Different types of streaming data can be collected and stored continuously by using streaming data center.

(2) Real-time IoT Analysis

Obtain related data of IoT devices in real time through streaming data center, connect streaming data onto stream computing service or user customized real-time analysis application, and thus carry out different businesses, such as real-time analysis, operation monitoring and fault forecasting.