

Application Service

Queue Service



Processing System Messages Quickly and Efficiently

Queue Service is a service that handles messages sent between systems safely and efficiently for rapid service processing. Queue Service enables efficient message management in micro-service architectures and event-based systems by distributing large amounts of messages across multiple systems.



Efficient Message Processing

Distributed processing of large amounts of transmitted and received messages improves the message processing performance of the system. This improves work efficiency by eliminating the need for users to manage message processing.



Reduce Service Processing Time

Producer and Consumer can operate independently of each other to reduce message processing time. It can effectively respond to real-time service environments that require quick response.



Ensuring Message Order

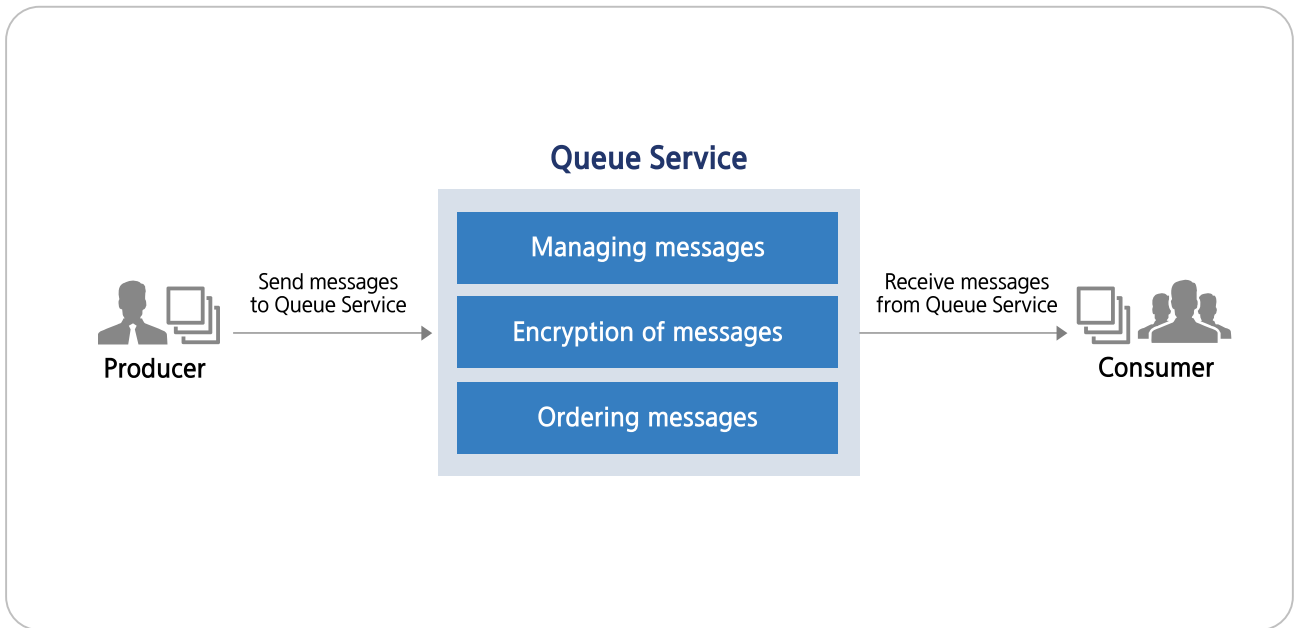
First-in-first-out (FIFO) features ensure the order of messages over received time to maintain data consistency. This is useful for service environments that require task processing order and data consistency.



Enhanced Security and Reliability

It provides reliable message management performance by protecting sensitive information and blocking exposure through encryption when sending and storing messages.

Service Architecture



Key Features

- **Create queue**
 - Create a queue of First-In-First-Out(FIFO) types that process according to the order in which messages are received
- **Send and manage messages**
 - Producer creates a message and sends it to the Queue Service
 - Consumer receives message from Queue Service
 - Message administrator checks the queues for messages and deletes unnecessary messages
- **Encryption of messages**
 - Encrypt user messages in the queue in conjunction with Key Management Service

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