

Message Service

User Guide

User Guide

Alibaba Cloud Message Service (Message Service) is an auto scalable and distributed message service featuring efficiency, reliability, security, and convenience. Message Service helps application developers transfer data freely on distributed components of their applications to build a loosely coupled system.

This guide comprehensively describes usage of the queue model and topic subscription model; clarifies the use of Message Service in combination with other Alibaba Cloud services, such as RAM, Cloud Monitor, and Log Service; and provides various features and best practice cases.

Resource	Description
Alibaba Cloud Message Service quick start	Describes basic tasks of Alibaba Cloud Message Service.
Alibaba Cloud Message Service user guide (this document)	Describes core concepts of Alibaba Cloud Message Service, all functions and operation procedures, as well as O&M methods for RAM, Cloud Monitor, and Log Service.
Alibaba Cloud Message Service best practices	Describes various application scenarios and practice cases of Alibaba Cloud Message Service.
Alibaba Cloud Message Service API manual	Describes RESTful API operations supported by Alibaba Cloud Message Service and related cases.
Alibaba Cloud Message Service SDK manual	Describes calling operations and sample code of the official SDK.
Alibaba Cloud Message Service developer tools	Lists useful tools that may be used for development.

Queue

- Queue interfaces

Interface	Function	Call mode supported
CreateQueue	Creates a queue.	Console and APIs
SetQueueAttributes	Sets attributes of a queue.	Console and APIs

GetQueueAttributes	Obtains attributes of a queue.	Console and APIs
DeleteQueue	Deletes a queue.	Console and APIs
ListQueue	Obtains a queue list.	Console and APIs

- Message interfaces

Interface	Function	Call mode supported
SendMessage	Sends a message.	Console and APIs
BatchSendMessage	Sends messages in batch.	APIs
ReceiveMessage	Consumes a message.	Console and APIs
BatchReceiveMessage	Consumes messages in batch.	APIs
DeleteMessage	Deletes a message.	Console and APIs
BatchDeleteMessage	Deletes messages in batch.	APIs
PeekMessage	Views a message.	APIs
BatchPeekMessage	Views messages in batch.	APIs
ChangeMessageVisibility	Modifies the next consumable time of a message.	APIs

For details about how to use interfaces, refer to **Console help** and **API user manual**.

Topic

- Topic interfaces

Interface	Function	Call mode supported
CreateTopic	Creates a topic.	Console and APIs
SetTopicAttributes	Sets attributes of a topic.	Console and APIs
GetTopicAttributes	Obtains attributes of a topic.	Console and APIs
DeleteTopic	Deletes a topic.	Console and APIs
ListTopic	Obtains a topic list.	Console and APIs

- Subscription interfaces

Interface	Function	Call mode supported
Subscribe	Creates a subscription.	Console and APIs
SetSubscriptionAttributes	Sets attributes of a subscription.	Console and APIs
GetSubscriptionAttributes	Obtains attributes of a subscription.	Console and APIs
Unsubscribe	Deletes a subscription.	Console and APIs
ListSubscriptionByTopic	Obtains the subscription list of a topic.	Console and APIs

- Message interfaces

Interface	Function	Call mode supported
PublishMessage	Publishes a message.	Console and APIs

For details about how to use interfaces, refer to **Console help** and **API user manual**.