

# Alibaba Cloud

## Alibaba Cloud Message Queue Quick start

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# Document conventions

Style	Description	Example
 <b>Danger</b>	A danger notice indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	 <b>Danger:</b> Resetting will result in the loss of user configuration data.
 <b>Warning</b>	A warning notice indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	 <b>Warning:</b> Restarting will cause business interruption. About 10 minutes are required to restart an instance.
 <b>Notice</b>	A caution notice indicates warning information, supplementary instructions, and other content that the user must understand.	 <b>Notice:</b> If the weight is set to 0, the server no longer receives new requests.
 <b>Note</b>	A note indicates supplemental instructions, best practices, tips, and other content.	 <b>Note:</b> You can use Ctrl + A to select all files.
>	Closing angle brackets are used to indicate a multi-level menu cascade.	Click <b>Settings</b> > <b>Network</b> > <b>Set network type</b> .
<b>Bold</b>	Bold formatting is used for buttons, menus, page names, and other UI elements.	Click <b>OK</b> .
Courier font	Courier font is used for commands	Run the <code>cd /d C:/window</code> command to enter the Windows system folder.
<i>Italic</i>	Italic formatting is used for parameters and variables.	<code>bae log list --instanceid</code> <i>Instance_ID</i>
[ ] or [a b]	This format is used for an optional value, where only one item can be selected.	<code>ipconfig [-all -t]</code>
{ } or {a b}	This format is used for a required value, where only one item can be selected.	<code>switch {active stand}</code>

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# 1. Quick start FAQ

## 1.1. Can Message Queue for Apache RocketMQ be accessed over the Internet?

Yes.

Message Queue for Apache RocketMQ

provides a region named Internet for your access over the Internet. If you select **Internet Region** for the topic when you create a topic in the

Message Queue for Apache RocketMQ

console, you can access this topic over the Internet. However, the Internet environment is complex and is less stable than the internal network.

In the production environment, you can create a topic on an Alibaba Cloud Elastic Compute Service (ECS) instance in a region in the internal network to send and subscribe to messages.

## 1.2. Is Message Queue for Apache RocketMQ always free of duplicate messages?

Messages are not duplicated in most cases. As a distributed messaging middleware, Message Queue for Apache RocketMQ cannot ensure that messages are not duplicated when exceptions (such as network jitter or application processing timeout) occur. However, Message Queue for Apache RocketMQ can ensure that no messages are lost.

## 1.3. How long can messages be retained on the broker?

All types of published messages are retained on the

Message Queue for Apache RocketMQ

broker for up to three days. The messages are deleted after three days no matter whether they are consumed. We recommend that you use the monitoring and alerting feature to monitor the message consumption status in real time, and manually intervene upon alerts. For more information, see

[Overview](#).

## 1.4. What is the maximum length of the message body in Message Queue for Apache RocketMQ?

The maximum length of the message body in Message Queue for Apache RocketMQ varies with the message type. The following shows the details:

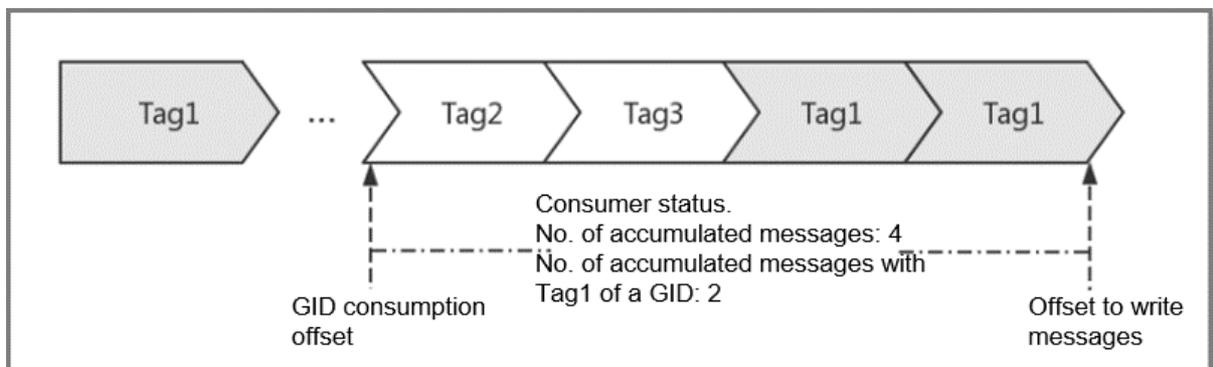
- A normal or ordered message: 4 MB
- A transactional, scheduled, or delayed message: 64 KB

## 1.5. Does the value of Accumulation Amount in the console include the number of all tagged messages under topics?

Yes.

The message producer sends messages of all tags to the same topic. Messages are arranged in the queue in order and a message write point is maintained. When a group ID is started, it specifies the tags to be subscribed to and obtains the current consumption offset from the broker. The broker traverses messages in the queue from the consumption offset of the current group ID. If the tag of a message is consistent with the tag subscribed by the group ID, the broker delivers the message to the group ID. Otherwise, the broker skips this message.

As shown in the following figure, the consumption offset of the group ID moves forward. Messages with Tag2 and Tag3 are filtered out by the broker. The message with Tag1 is required by the group ID and will be delivered to the group ID.



Therefore, the accumulation amount you saw after choosing **Consumer Status > Accumulation Amount** in the console is the unfiltered accumulation amount, which contains messages with all tags.