

Message Notification Service

Quick-start

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Overview

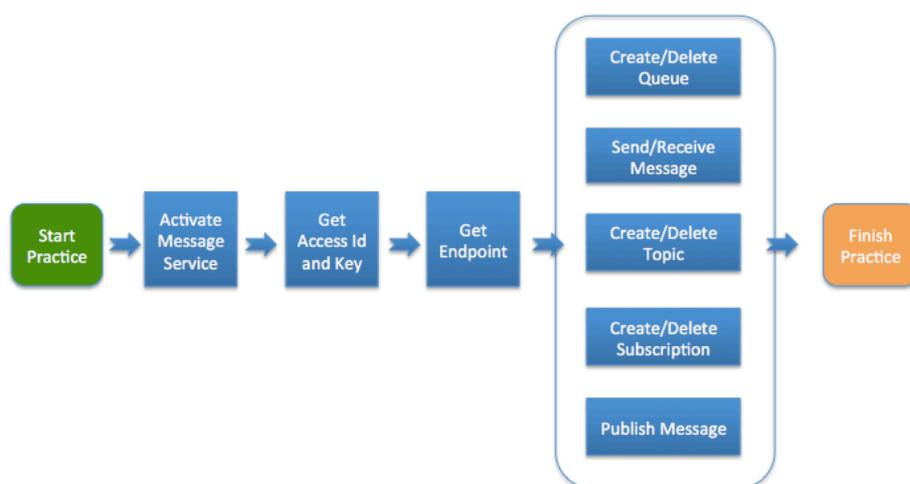
Alibaba Cloud Message Service provides you with professional message middleware service which facilitate you to do system decoupling and deal with massive concurrent requests.

The document **Overview** contains the concepts you should know before using Message Service, such as the details of the 2 models (Queue and Topic) and the difference between them.

Next, you can do the operations of Queue and Topic on the Console of Message Service or in your application code with the SDK. Please refer to the Development Guide of Message Service.

This section guides you how to practice the operations of Queue or Topic on the Console of Message Service.

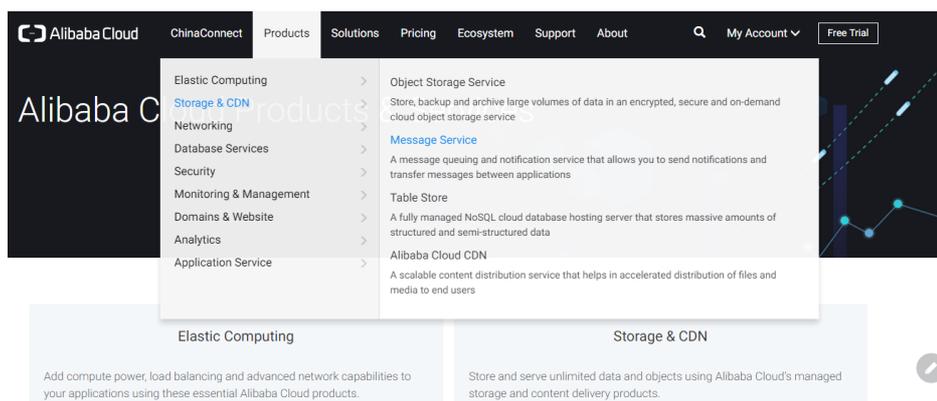
Practice Steps for Using Message Service



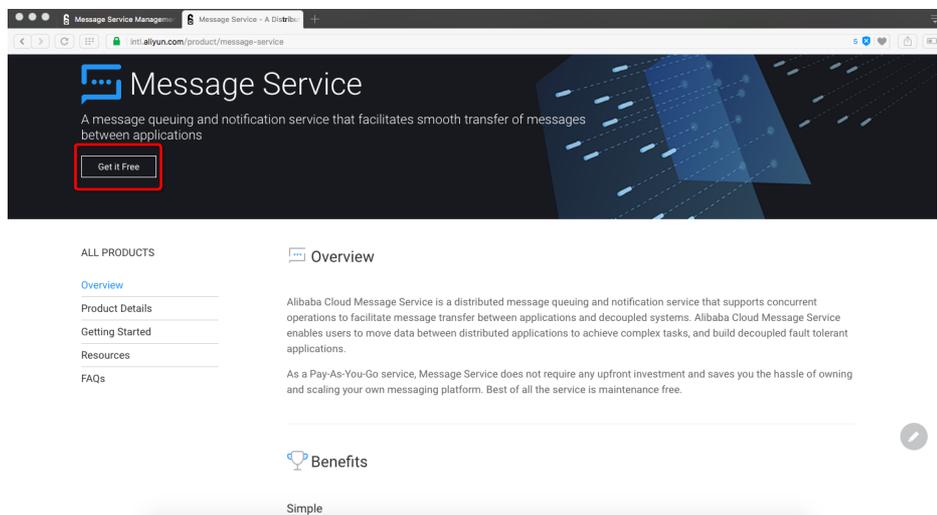
Queue operations

Activate service

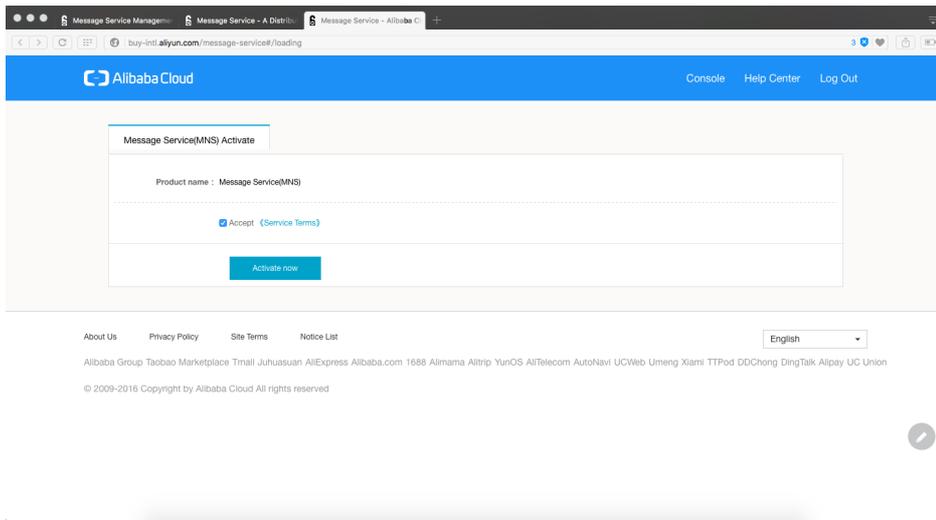
Open the homepage of Alibaba Cloud, move arrow of mouse on **Products** -> **Storage & CDN** -> **Message Service** and click on the **Message Service** to the home page of Message Service.



Click the button **Get it Free** on the page as below.



Accept Service Terms and Active Service in the Activate Page by clicking **Activate Now**.

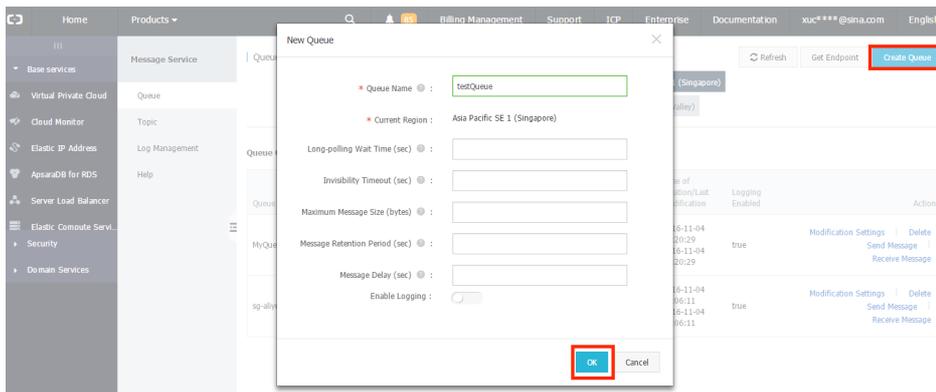


Create a queue

As an example, to create a queue named **MyQueue** on Alibaba Cloud MNS as follows.

Click **Create queue**.

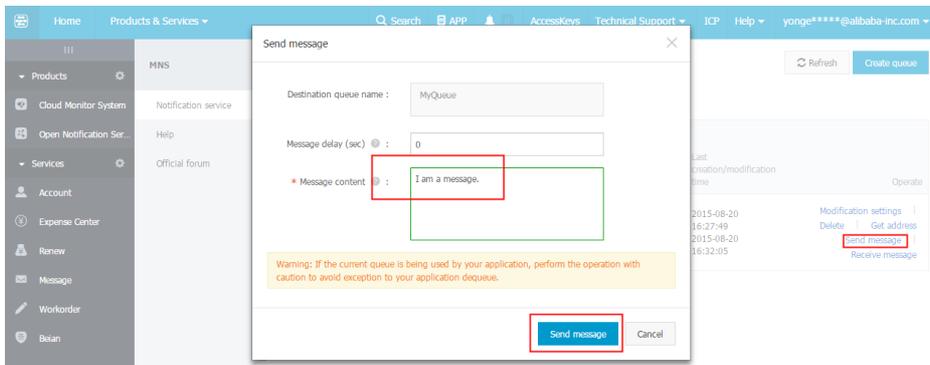
Specify the attributes of the queue on the displayed dialog box, then click **OK** to create the queue.



Message operations

After "MyQueue" is created successfully, send a message to "MyQueue" .

Click "Send Message" to the right of MyQueue. In the displayed dialog box, enter the message, and then click "Send message" .

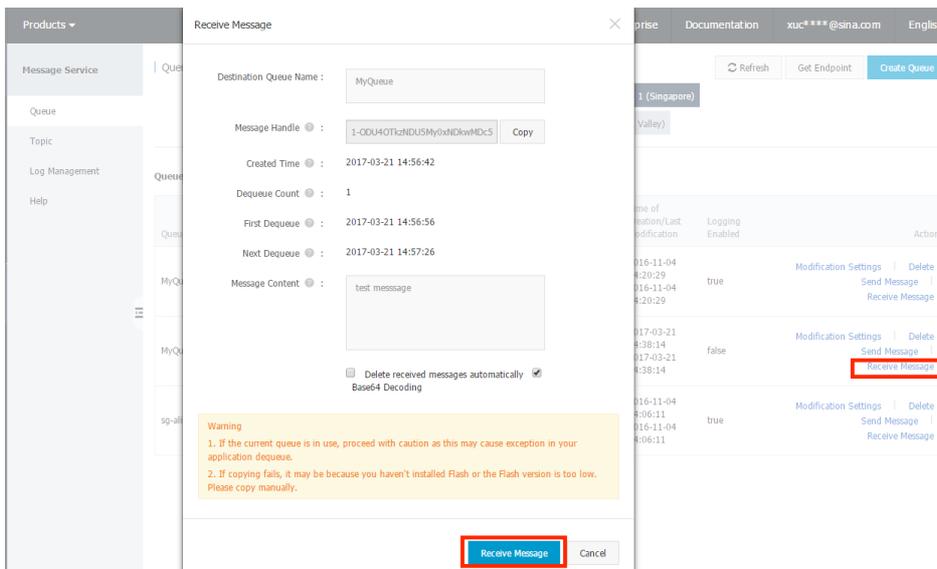


Receive/Delete a message

Receive a message

After **MyQueue** is created successfully, get the message from **MyQueue** and compare it with the message you sent to **MyQueue**. Confirm the consistency between the 2 messages and record the returned ReceiptHandle.

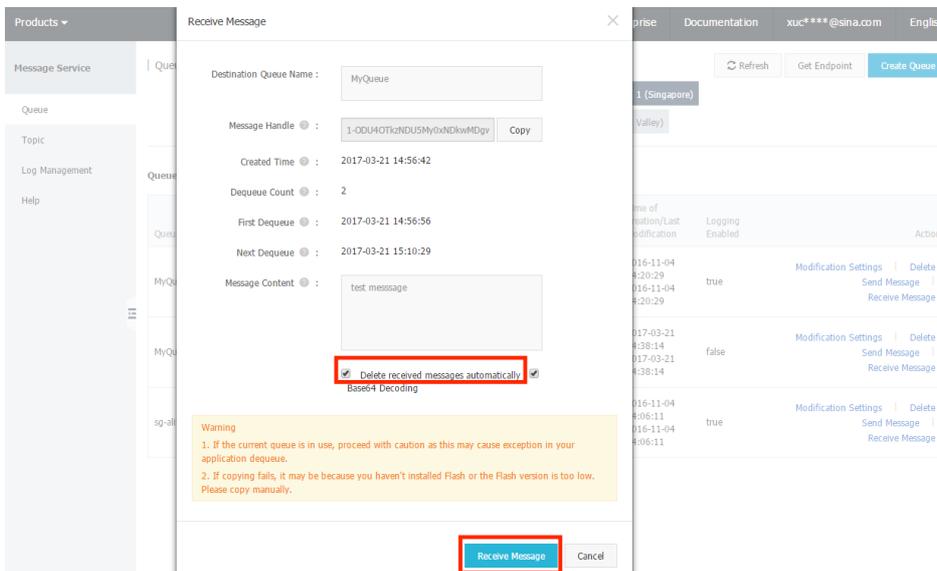
Click **Receive message** to the right of **MyQueue** to check attributes of the received message displayed in dialog box.



Delete a message

After verifying that the message is correct, use the ReceiptHandle you obtained in the previous step to delete the received message.

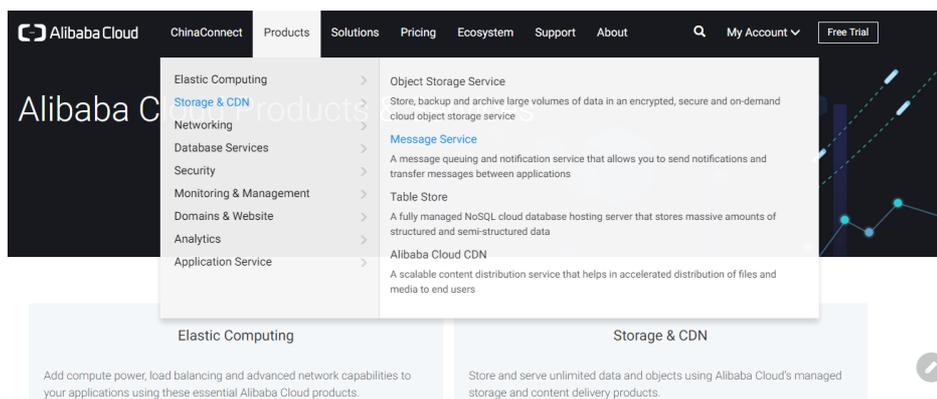
In the Receive Message dialog box, select **Auto delete received messages**, and click **Receive message**. The current message is deleted, and the next message is obtained.



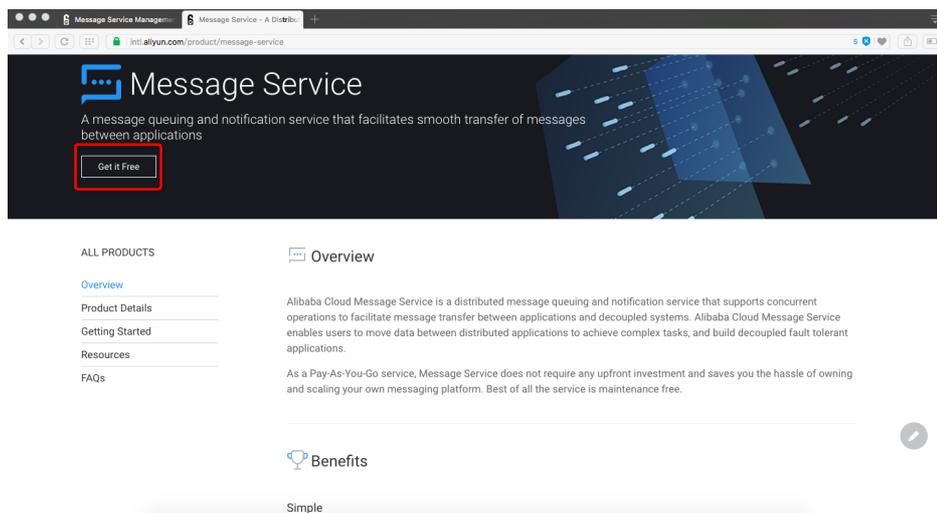
Topic operations

Activate service

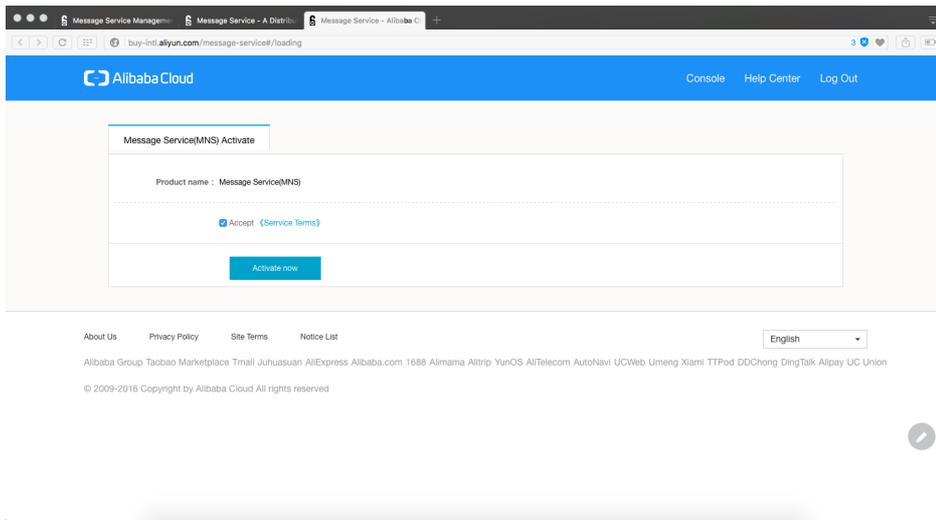
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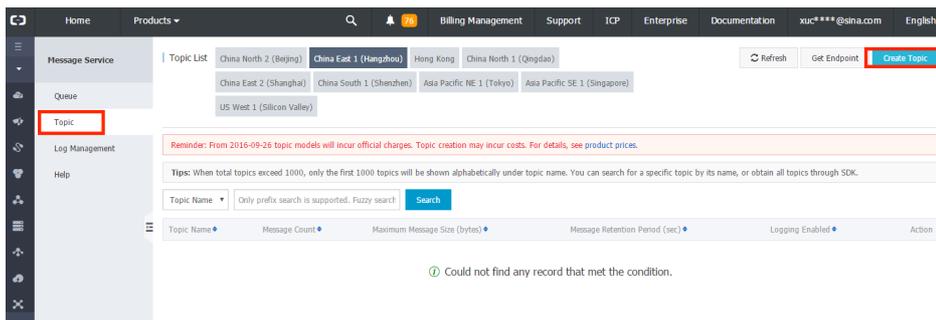
Create a topic

To create a topic named **MyTopic** and list it as following steps.

Log in the console of Message Service(skip it if you have already logged in the console).

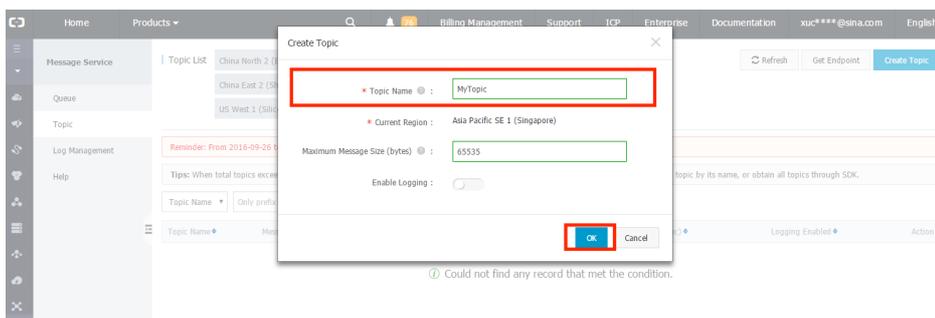
Click **Topic** at the left side bar.

Click **Create Topic** on the top right corner.



Input topic name **Mytopic** and other attributes.

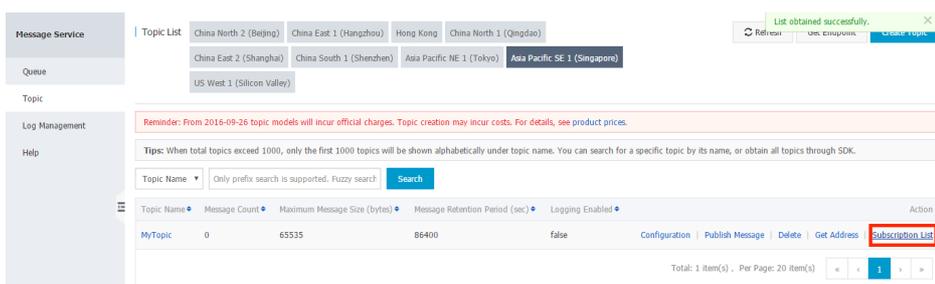
Click **Ok** to create it.



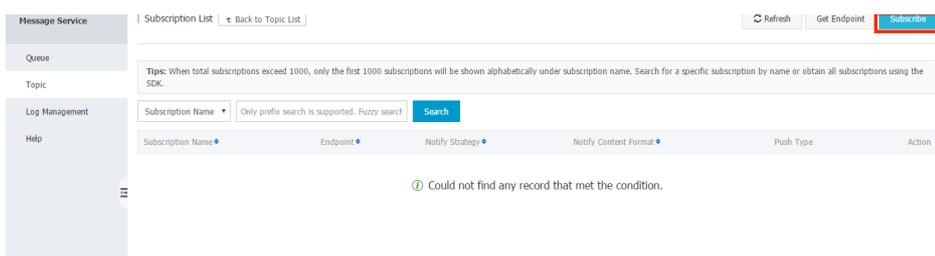
Create a subscription

To create a subscription named **MySubscription** for the topic **MyTopic** by following steps:

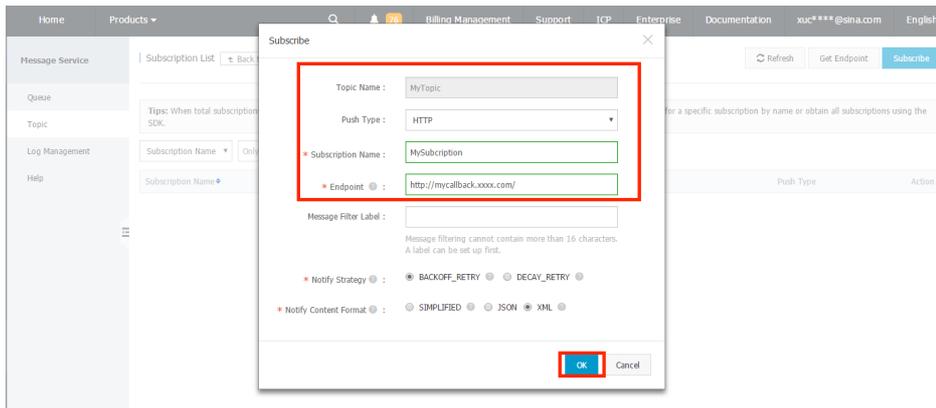
Click the **Subscription List** on the action list of **MyTopic**.



Click the button **Subscribe** at the top right corner to generate a dialog box.



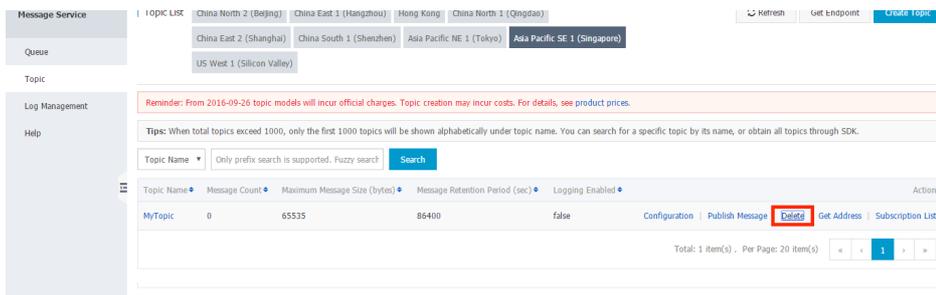
Input the subscription name **MySubscription** and set other attributes such as receiving http endpoint, retry strategies, format of message, message filter tag etc. Then Click **Ok**.



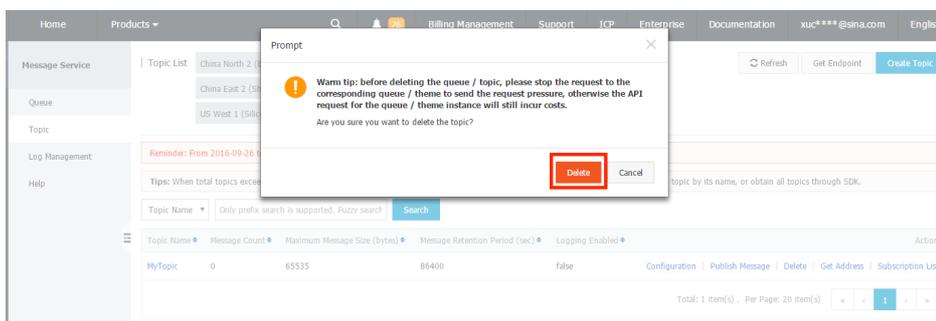
Delete a topic

To delete the topic by following two steps:

Find the topic to delete and Click the **Delete** button in the right action list of this topic.



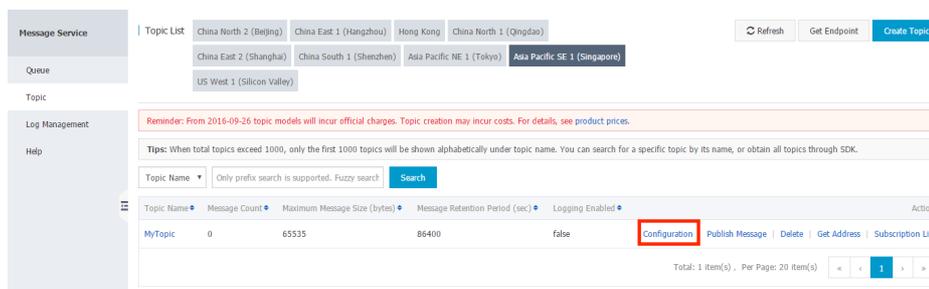
Clicking **Delete**.



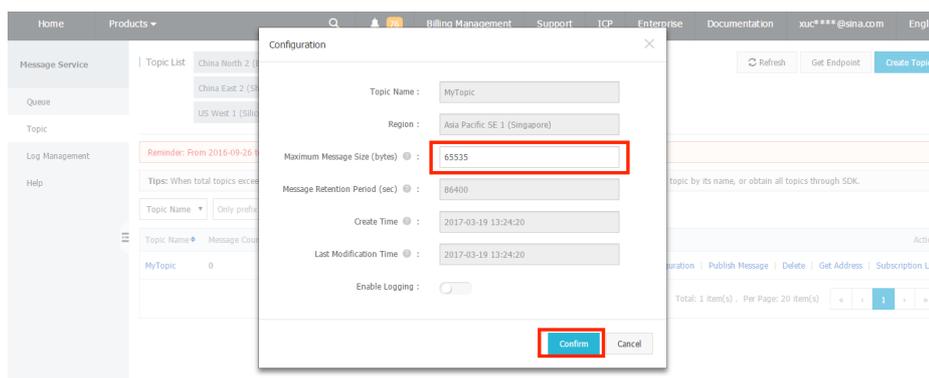
Set topic properties

To set the properties of a topic by following steps:

Find the topic and click on the button **Configuration** in the action list of this topic.



Change the properties in the pop-up dialog and click on **Confirm**.

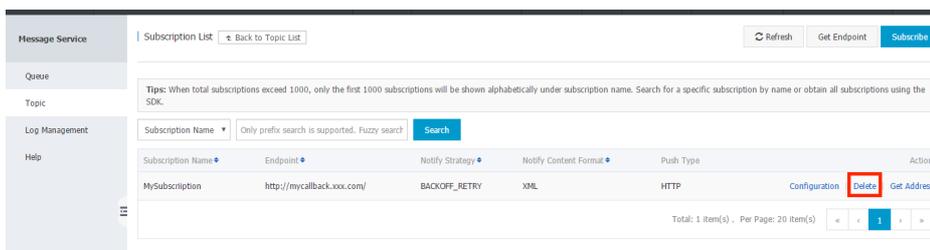


Subscription operations

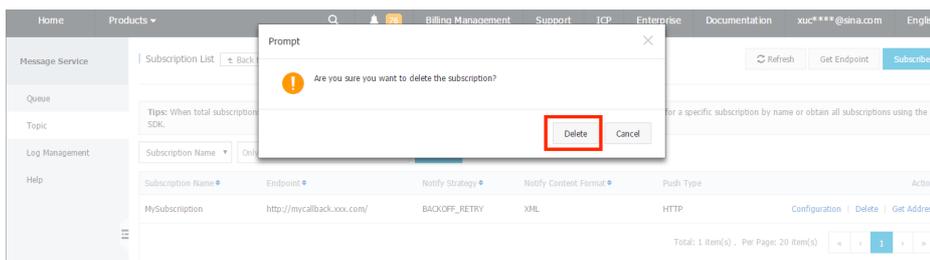
Delete a subscription

To delete the subscription by following steps:

Enter the subscription list of a topic and find the subscription to delete.



Click **Delete** button in the action list of subscription and confirm to delete in the pop-up dialog.

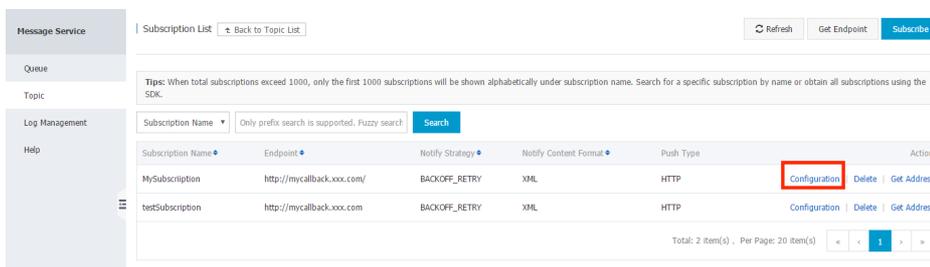


Set subscription properties

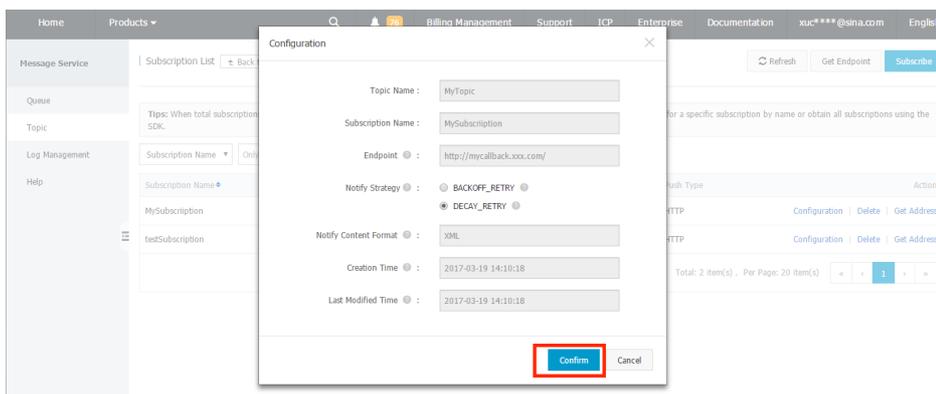
Set subscription properties

To set the properties of a subscription by following steps:

Enter the subscription list of a topic, and then click **Configuration** button.



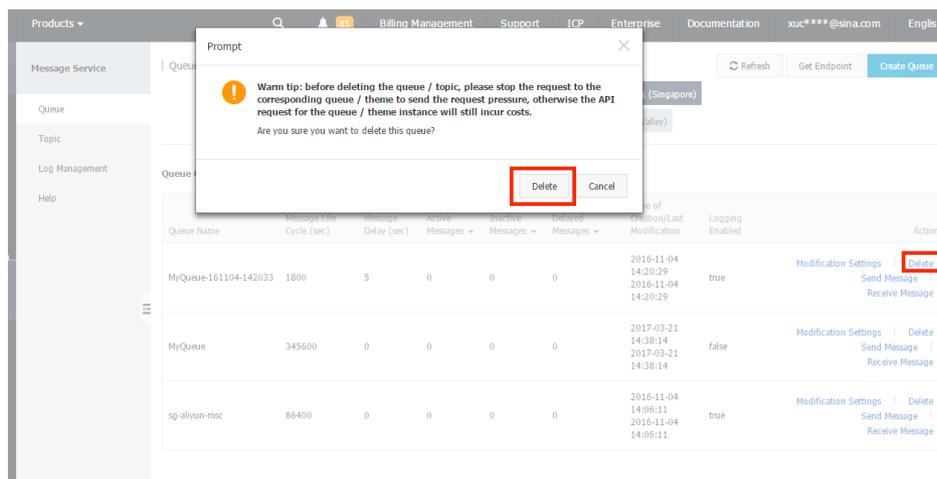
Change the properties in the pop-up dialog and click on **Confirm**.



Delete a queue

After **MyQueue** is created successfully, delete **MyQueue**.

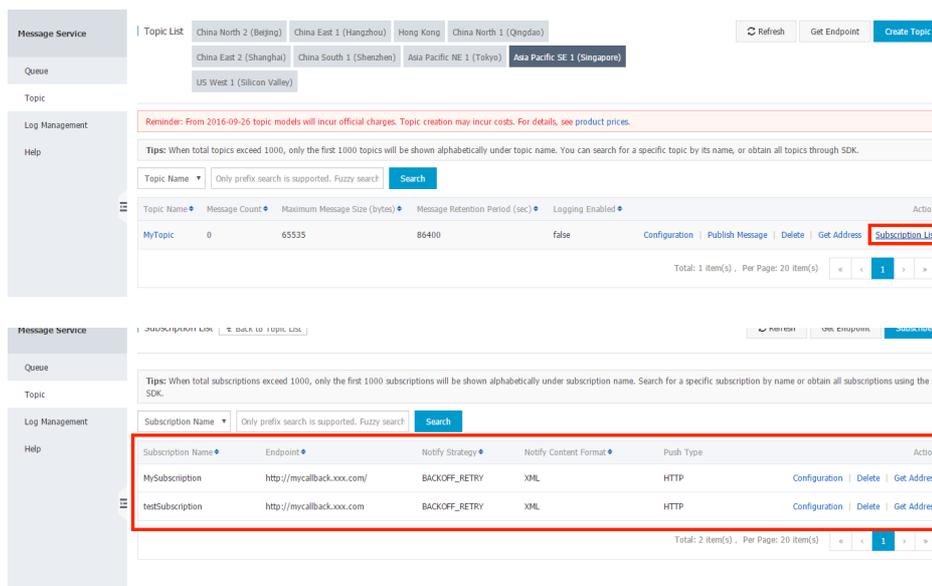
Click **Delete** to the right of **MyQueue** and click the **Delete** on dialog box to finish the deletion.



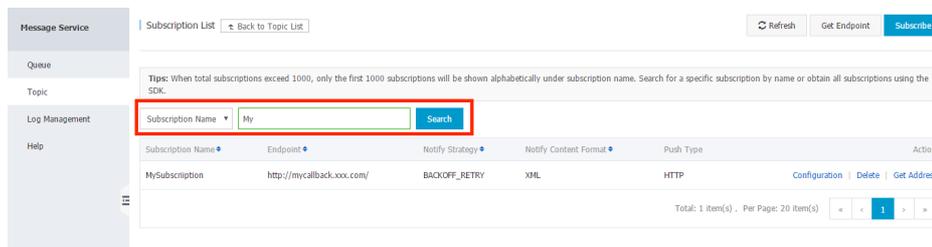
Get the subscription list

To get the subscription list of a topic(every topic includes one or more subscription) in following steps:

Find the topic **MyTopic** in the topic list, then click on **Subscription List** of the topic in the action list:



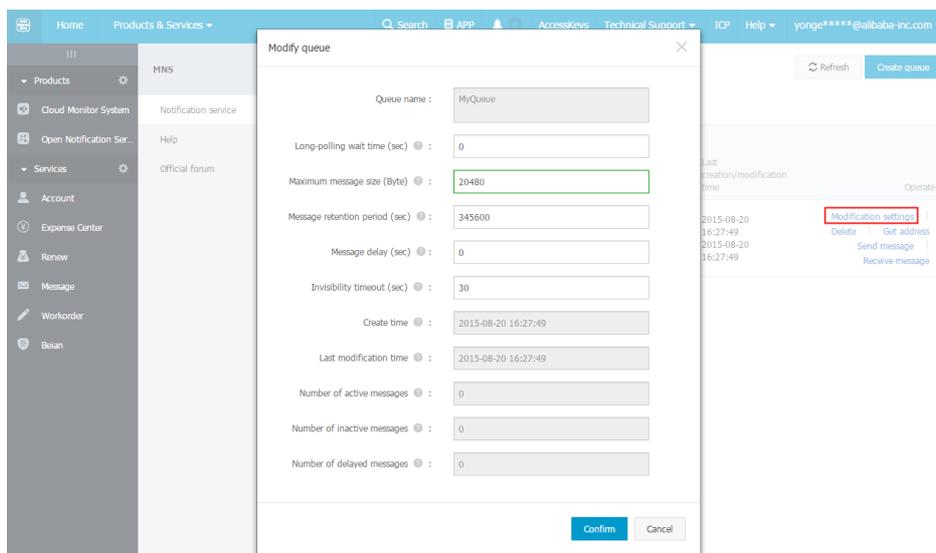
Search the subscription with prefix of its name such as **My**.



Set queue attributes

After "MyQueue" is created successfully, set the attributes of "MyQueue" .

Click "Modification settings" in the action list to the right of MyQueue. In the dialog box displayed on the console, modify attributes according to your needs, and then click "OK" .

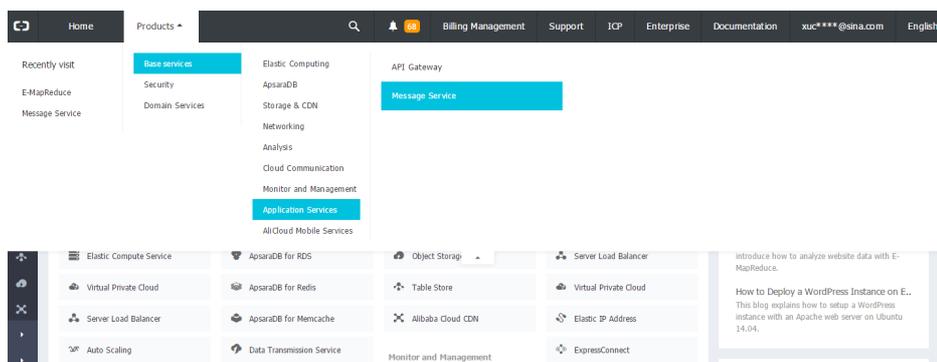


Get AccessKey

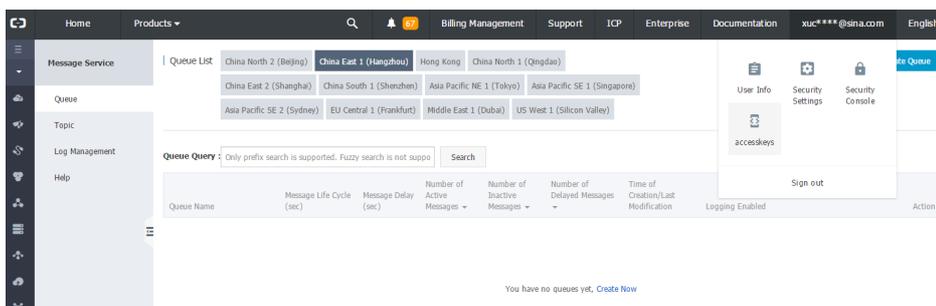
Note: Skip this step if you have already got the accesskey.

Open the home page of console of Alibaba Cloud at <https://home-intl.console.aliyun.com>.

Note: this page requires user to log in first and find **Message Service** by moving arrow of mouse on **Products > Base Services > Application Services > Message Service**.

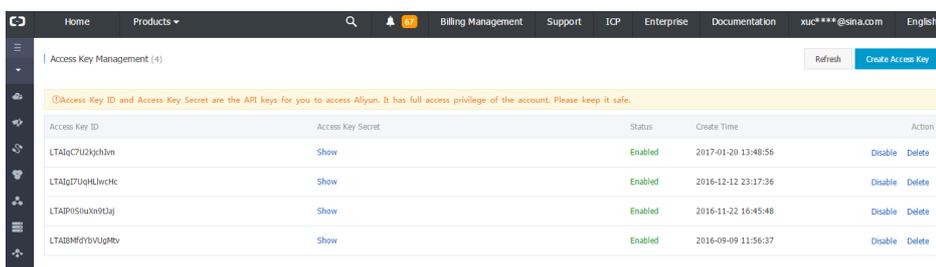


Move arrow on **Account Name** at the top right corner of website. And click **accessskeys** in the pop-up dialog.



Get the accesskey from the **Accesskey Management** website by clicking **show**.

Note: if there is not any access key, you can create a new key by clicking the button **Create Access Key**.

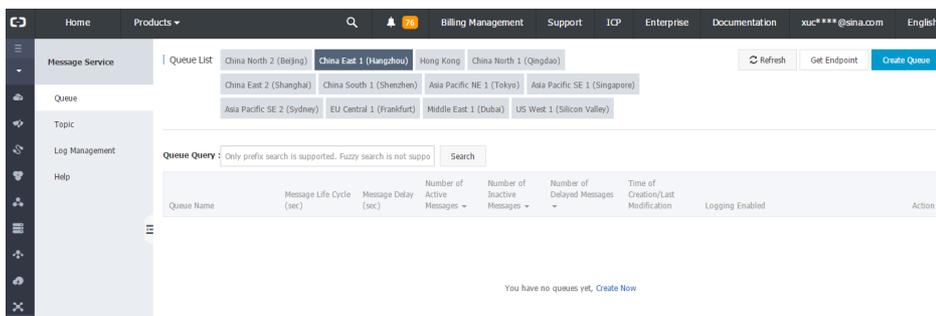


Get Endpoint

Log in console of Message Service(mns.console.aliyun.com).

Select a region and click the button **Get Endpoint** at the top right corner to get the endpoints for regions.

Note : There are 3 types of endpoints for each region: Public(access from internet), Private(access from Alibaba Cloud ECS VM) and VPC(access from Alibaba Cloud VPC).



Message operations