

# **Short Message Service**

## **Console Guide**

### **Product Documentation**



## Copyright Notice

©2013-2024 Tencent Cloud. All rights reserved.

Copyright in this document is exclusively owned by Tencent Cloud. You must not reproduce, modify, copy or distribute in any way, in whole or in part, the contents of this document without Tencent Cloud's the prior written consent.

## Trademark Notice



All trademarks associated with Tencent Cloud and its services are owned by Tencent Cloud Computing (Beijing) Company Limited and its affiliated companies. Trademarks of third parties referred to in this document are owned by their respective proprietors.

## Service Statement

This document is intended to provide users with general information about Tencent Cloud's products and services only and does not form part of Tencent Cloud's terms and conditions. Tencent Cloud's products or services are subject to change. Specific products and services and the standards applicable to them are exclusively provided for in Tencent Cloud's applicable terms and conditions.

# Contents

## Console Guide

- Console Overview

## Global SMS

- Managing Signatures

- Managing Body Template

- Sending Messages

## Marketing Management

- Customer Management

## Application Management

- Creating Application

- Configuring Basic Information

- Configuring Alarm Recipient

- Disabling/Deleting Application

## Global SMS Statistics

## General Management

- Configuring Reply Callback

- Manage the Do Not Disturb List

## Access Management

- Cloud Access Management

- Authorizable Resources and Actions

- Preset Policies

- Custom Policies

# Console Guide

## Console Overview

Last updated : 2024-01-18 16:24:26

## Sending SMS

Currently, Tencent Cloud SMS provides Global SMS services. You can configure SMS content in the console to send Global SMS messages. For detailed directions, please see the following documents:

Service	Document	Description
Global SMS	<a href="#">Getting Started with Global SMS (New)</a> <a href="#">Managing Global SMS Signatures</a> <a href="#">Managing Global SMS Body Templates</a> <a href="#">Sending Global SMS</a>	These documents describe how to configure Global SMS content and send Global SMS messages in the console.

## Business Statistics

The SMS console collects and displays details of Global SMS sending, delivery records, and failure analysis in multiple dimensions. For detailed directions, please see the following documents:

Service	Description
<a href="#">Business Statistics</a>	This document describes how to view the details of Global SMS sending, delivery records, and failure analysis within a specified time period.

## Application Management

Before using the Tencent Cloud SMS service to send SMS messages, you need to create an application in the console first. After the application is created, you can configure related parameters to use more SMS features. For detailed directions, please see the following documents:

Document	Description
<a href="#">Creating Applications</a>	This document describes how to create an application.
<a href="#">Configuring Basic Information</a>	This document describes how to configure the basic information of an existing application, including modifying application information, setting over-limit

	delivery notification, setting event callback configuration, and setting delivery rate limit.
<a href="#">Configuring Alarm Contacts</a>	This document describes how to add a new contact and query or delete an existing contact.
Disabling or Deleting Application	This document describes how to disable, enable, or delete an existing application. Once deleted, the application cannot be restored directly; instead, you will have to submit a new application for review; therefore, please do so with caution..

## General Management

For detailed directions, please see the following documents:

Service	Description
<a href="#">Configuring Reply Callback</a>	This document describes how to enable reply callback and configure the URL.

## Best Practice

The following documents describe how to send SMS messages in some common scenarios.

Service	Description
<a href="#">How to Send Bulk Best Wishes Messages</a>	This document describes how to quickly send bulk best wishes messages to members.
<a href="#">How to Send SMS Verification Codes</a>	This document describes how to send SMS verification codes.

# Global SMS

## Managing Signatures

Last updated : 2024-01-18 16:24:26

A complete SMS message consists of **SMS signature** and **SMS body**. You can set different body templates based on your business needs and then combine a signature and a body into the final SMS content: `[SMS signature]`  
`SMS body` .

### Note:

Signature is optional for Global SMS.

After an SMS signature is submitted, it will be reviewed within two hours generally. Review time (Beijing time):  
Monday to Friday: 9:00 - 21:00; Saturday and Sunday: 9:00 - 18:00 (extended during statutory holidays). You can set your mobile number and email address to receive review result notifications.

## Creating Signature

1. Log in to the [SMS Console](#).
2. Select **Global SMS** > **Signatures** on the left sidebar and click **Create Signature**.
3. Set the following parameters as needed and according to the [Signature Review Standards](#):

Signature Type: type of the SMS signature.

Organizational users can choose **Company**, **App**, **Website**, **Official Account/Mini Program**, **Trademark**, or **Government/public institution/other**.

Individual users can choose **App**, **Website**, or **Official Account/Mini Program**.

Signature Purpose: purpose of the SMS signature. You can choose **For verified entities** (such as organizations, websites or product names with signatures verified by the account) or **For unverified entities** (such as organizations, websites, or product names with signatures that are not verified by the account).

Signature Content: actual content of the SMS signature. There is no need to enter [], such as `Tencent Cloud` .

Certificate Upload (Optional): You may upload documents such as business license, [authorization letter](#). We accept jpg, png, and jpeg images, with the size within 5MB.

Application Description (Optional): When applying for an **App**, **Website**, **WeChat Official Account/Mini Program** signature, please fill in the corresponding content according to the [signature review standards](#).

4. Click **OK**.

Waiting for the signature review, the SMS signature will be available only after its the status changes to **Valid**.

## Modifying Signature

**Note:**

Modifications can be made only if the signature status is **Pending review** or **Rejected**. **To be effective** or **Valid** signatures cannot be modified.

1. On the [Signatures](#) page, you can view the signature information.

ID: signature ID automatically generated by the system.

Content: actual content of the SMS signature. The content of an approved signature can be specified as the value of the `sign` parameter when sending SMS via APIs or SDKs. If this parameter is not specified, the content of the first approved signature will be used by default.

Status/Reason: The status of the signature, including **Pending review**, **Rejected**, **To be effective** and **Valid**. If the signature status is **Rejected**, you can click **View Failure Reason and Modify** for more details.

Time Applied: the time when the signature was created.

2. Click **Modify** in **Pending review** status or click **View Failure Reason and Modify** in **Rejected** status to modify its information, and click **OK** to submit it for review again.

## Deleting Signature

When you no longer need a signature, you can delete it. **Once deleted, the signature cannot be restored directly; instead, you will have to submit a new application for review; therefore, please do so with caution.**

1. On the [Signatures](#) page, click **Delete** on the line of the target signature.

2. In the dialog box that pops up, click **Delete**.

## Related Information

[Review process](#)

[Signature review standards](#)

[FAQs about signature](#)

# Managing Body Template

Last updated : 2024-01-18 16:24:26

A complete SMS message consists of **SMS signature** and **SMS body**. You can set different body templates based on your business needs and then combine a signature and a body into the final SMS content: `[SMS signature]`  
`SMS body` .

## Note:

Signature is optional for Global SMS.

After an SMS signature is submitted, it will be reviewed within two hours generally. Review time (Beijing time): Monday to Friday: 9:00 - 21:00; Saturday and Sunday: 9:00 - 18:00 (extended during statutory holidays). You can set your mobile number and email address to receive review result notifications.

## Creating Body Template

1. Log in to the [SMS Console](#).
2. Select **Global SMS** > **Body Templates** on the left sidebar and click **Create Body Template**.
3. Set the following parameters as needed and according to the [body template review standards]:

Template Name: name of the template for easy identification.

SMS Type: the type of SMS that will be sent with this body template. Enterprise users can choose **Regular SMS** or **Marketing SMS**, while individual users can only choose **Regular SMS**.

SMS Content: body content of the SMS with less than 500 characters. Custom content can be configured, but it cannot contain only variables. Variables are in the format of `{number}` , and the numbers must be consecutive.

Marketing SMS must contain an option for unsubscribing, such as `Reply with T to unsubscribe` .

Remarks: you can enter the sending scenario and recipient here, which is optional.

4. Click **OK**.

Waiting for body template review. The body template will be available only after its status changes to **approved**.

## Modifying Body Template

## Note:

Modifications can be made only if the body template status is **pending review** or **rejected**. **Approved** body templates cannot be modified.

1. On the [Body Templates](#) page, you can view the body template information.

ID: body template ID automatically generated by the system. The ID of an approved body template can be specified as the value of the `tpl_id` parameter when sending SMS via APIs or SDKs.



Content: actual content of the SMS body.

Status/Reason: status of the body template, including **pending review**, **rejected**, and **approved**. If the body template status is **rejected**, you can click **View Details** to view the detailed reason or suggestion.

Application Time: the time when the body template was created.

2. Click **Edit** on the line of a **pending review** or **rejected** body template, modify its information, and click **OK** to submit it for review again.

## Deleting Body Template

When you no longer need a body template, you can delete it. **Once deleted, the body template cannot be restored directly; instead, you will have to submit a new application for review; therefore, please do so with caution.**

1. On the [Body Templates](#) page, click **Delete** on the line of the target body template.
2. In the dialog box that pops up, click **Delete**.

## Related Information

[Review process](#)

[Body template review standards](#)

[Sample body template](#)

[FAQs about body template](#)

# Sending Messages

Last updated : 2024-02-20 11:19:02

## Prerequisites

The SMS body template has been approved.

If you want to include a signature in the message, you need to have an approved SMS signature.

## Directions

1. Log in to the [SMS Console](#).
2. Select **Global SMS** > **Bulk SMS** on the left sidebar and click **Create Bulk SMS Sending Task**.
3. Configure the following parameters as needed:

Template Name: select an approved body template to be used (different templates are distinguished by template name).

Signature Name (Option) : select an approved SMS signature to be used (different signatures are distinguished by signature name), which is optional.

Sending Time: select **Send now** or **Send by schedule**.

Recipient: click **Template Download**, enter recipient's mobile number and custom SMS content in the form, and click **Click here** to upload it. The maximum form size supported is 30 MB.

### Note :

Up to 100 Global SMS messages([Actual number of billed submissions](#)) can be sent per day under one Tencent Cloud account.

For users whose SMS service activation date is before July 31, 2023, the default daily sending limit is 1000. If you need to adjust it, you can contact your Tencent Cloud Business Manager or [submit a ticket](#).

Recipient's Mobile Number	SMS Content Variable 1	SMS Content Variable 2	.....	SMS Content Variable N
Example: 139xxxxxxx Instructions: please enter the mobile numbers of recipients. All the mobile numbers in one single SMS sending must be registered outside the Chinese Mainland. The	Example: test company A Instructions: please enter the first custom variable content according to the body template, i.e., replacing {1} in the template.	Example: server B Instructions: please enter the second custom variable content according to the body template, i.e., replacing {2} in the template.	.....	Example: 100 USD Instructions: please enter the Nth custom variable content according to the body template,

cells need to be in a regular format, i.e., without any specific number formats.				i.e., replacing {N} in the template.
--	--	--	--	--------------------------------------

Application: select the application that needs to send the SMS.

4. Click **OK**.

5. Check the number of recipients, indicate your consent to the prompt about fees, and click **Send**.

You can view the status of the task in the Delivery Records list. When the status is **sent**, the task has been completed.

## Subsequent Operations

You can view the SMS delivery result in the following ways:

On the **Global SMS > Bulk SMS** page, click **Details & Report Analysis** on the line of the target task to view its detailed record and report analysis.

Select **Business Statistics > Global SMS** and you can filter and view the statistics and relevant analysis of Global SMS by application, signature, body template, and time.

## Related Documentation

You can also send SMS via APIs or SDKs. For detailed directions, please see [API documentation](#) or [SDK documentation](#).

# Marketing Management

## Customer Management

Last updated : 2024-01-18 16:24:26

Log in to the [SMS Console](#) and select **Marketing Management > Customer Management** on the left sidebar. Then, you can import a number package online for storage and group the numbers so as to better manage customers.

## Customer Pool

You can **import** or **enter** numbers on this page for management.

### Batch Importing

1. Log in to the [SMS Console](#).
2. Select **Marketing Management > Customer Management** on the left sidebar and click **Import**.
3. Configure the following parameters as needed:

**SMS Type:** select the type of the SMS messages to be sent to the recipients in the number package.

**File:** click **Download Template**, enter the customer mobile numbers in the downloaded form, and click **Click here** or drag and drop the form file to upload it. The maximum form size supported is 30 MB.

**Number Group:** select **Create a group** or **Select an existing group**. If you select **Create a group**, please enter the group name.

4. Click **OK**.

### Import Mobile Numbers

SMS Type ☒ Chinese Mainland SMS ☐ Global SMS

File

Click [here](#) or drag and drop

Upload file in csv, xlsx format within 30 MB

Please enter customers' mobile numbers and other information according to the template requirements [Download Template](#)

Number Group ☒ Create a group ☐ Select an existing group

Group Name

Please enter the group name

OK

Cancel

## Entering

1. Log in to the [SMS Console](#).
2. Select **Marketing Management** > **Customer Management** on the left sidebar and click **Enter**.
3. Configure the following parameters as needed:

**SMS Type:** select the type of the SMS messages to be sent to the recipients in the number package.

**Mobile:** up to 100 mobile numbers can be entered, and each line is considered as a number.

For Chinese Mainland mobile numbers, please enter the mobile numbers directly, e.g., 1371481xxxx.

For mobile numbers outside the Chinese Mainland, please enter the country/region code + mobile number. For example, when the country/region code is 852 and the mobile number is 6666XXXX, enter 8526666XXXX.

**Number Group:** select **Create a group** or **Select an existing group**. If you select **Create a group**, please enter the group name.

4. Click **OK**.

## Customer Group

You can create different customer groups on this page to manage customers by group and send targeted SMS messages to specified customer groups.

## Creating group

1. Log in to the [SMS Console](#).
2. Select **Marketing Management** > **Customer Management** > **Customer Group** on the left sidebar and click **Create**.
3. Configure the following parameters as needed:  
**SMS Type**: select the type of the SMS messages to be sent to the recipients in the group.  
**Group Name**: enter a group name.
4. Click **OK**. In the group, you can click **More** > **Import File** or **Enter** to import numbers.

## Sending SMS message by group

1. Log in to the [SMS Console](#).
2. Select **Marketing Management** > **Customer Management** > **Customer Group** on the left sidebar, and you can click **Send SMS** in the "Operation" column of the target group to send bulk messages to recipients in this group.

# Application Management

## Creating Application

Last updated : 2024-01-18 16:24:26

### Overview

A Tencent Cloud account can create up to 500 applications. After creating an application, you will get the SDK AppID (unique ID of the application) and the App Key (password used to verify the validity of an SMS delivery request).

#### Note:

The AppKey for the SDK AppID should be kept confidential.

### Prerequisites

You have [signed up](#) for a Tencent Cloud account and completed [identity verification](#).

### Directions

1. Log in to the [SMS Console](#).
2. Select a region in the upper-left corner of the overview page.
3. On the left sidebar, select **Application Management** > **Application List** and click **Create Application**.
4. In the pop-up window, enter information for **Application Name** and **Application Intro**.
5. Click **Create**.

Then you can return to the **Application List** page to view the new application block.

#### Note:

SMS applications across regions are not interconnected.

# Configuring Basic Information

Last updated : 2024-01-18 16:24:26

## Configuring Basic Information


On an application's details page, you can view and modify application information. On the **Basic Configuration** page, you can configure the message sending threshold, global SMS message sending limit, event callback, and sending frequency limit as needed, and manage alarm recipients.

## Chinese Mainland SMS Message Sending Threshold Settings


1. Log in to the [SMS console](#).
2. You can enter the **Basic Configuration** tab in the following ways:  
Select **Application Management > Application List** on the left sidebar and click the block of the target application to enter its details page. Then, click **Basic Configuration**.  
Select **Application Management > Basic Configuration** on the left sidebar.
3. Select the **current application** as the target application to be manipulated.
4. Click **Set** in **Chinese Mainland SMS Message Sending Threshold Settings** to set the message sending alarm threshold. Alarm recipients can receive the alarm notification when the threshold is reached. You can also set the message sending limit so that the application stops sending messages when the limit is reached that day.

**Chinese Mainland SMS Message Sending Threshold Settings**

Set

 You haven't set the over-limit notification for sending **Chinese Mainland SMS messages** in a calendar day. Stop sending messages when the number of messages sent exceeds **655**.

Note: message sending will be stopped when the limit in a calendar day is reached. You can manually modify the limit.

[Over-limit Sending Notification Instruction](#) 



**Chinese Mainland SMS Message Sending Threshold Settings** ×

For this application, send a notification when the number of **Chinese Mainland SMS** requests exceeds  in a calendar day, and stop sending messages when the number exceeds  that day.

**Set** **Cancel**

5. Click **Set** to save.

After that, please configure alarm recipients in **Notifications & Alarms** so that they can receive the notification when the threshold is reached.

**Message Sending Threshold Settings**

Select the SMS type you want to set for and enter the alarm threshold.

☐ For this application, send a notification when the number of **Chinese Mainland message** requests exceeds  in a calendar day, and stop sending messages when the request limit reaches  that day.

☐ For this application, send a notification when the number of **Global SMS message** requests exceeds  in a calendar day, and stop sending messages when the request limit reaches  that day.


**Set** **Cancel**

## Global SMS Message Sending Threshold Settings

1. Click **Set** in **Global SMS Message Sending Threshold Settings** to set the message sending alarm threshold. Alarm recipients can receive the alarm notification when the threshold is reached. You can also set the message sending limit so that the application stops sending messages when the limit is reached that day.

### Global SMS Message Sending Threshold Settings

[Set](#)

 For this application, send a notification when the number of **Global SMS** requests exceeds **100** in a calendar day. Stop sending messages when the number of messages sent exceeds **888**.

Note: message sending will be stopped when the limit in a calendar day is reached. You can manually modify the limit.

The single application limit value cannot exceed the account limit value. The current account **Global SMS daily sending limit value is 88888 messages**. If you need to adjust, please go to the overview page and set the **Global SMS Daily Sending Limit (Account Level)** module.

[Over-limit Sending Notification Instruction](#) 

### Global SMS Message Sending Threshold Settings

The current account Global SMS daily sending limit value is 88888 messages, [learn more details](#)

For this application, send a notification when the number of **Global SMS** requests exceeds  in a calendar day, and the number exceeds  that day.

[Set](#)[Cancel](#)

#### Note :

The total limit for a single application cannot exceed the total account limit value. If adjustments are needed, please contact your Tencent Cloud Business Manager or [submit a ticket](#).

2. Click **Set** to save.

After that, please configure alarm recipients in **Notifications & Alarms** so that they can receive the notification when the threshold is reached.

## Global SMS Recipient Country/Region Settings

#### Note :

This feature is supported only for organization users.

1. Click **Set** in **Global SMS Recipient Country/Region Settings** on the [Application Management > Basic Configuration](#) page to set the recipient countries/regions, daily alarm threshold, and sending limit for this application.

### Global SMS Recipient Country/Region Settings

Set

You can set the recipient countries/regions, daily alarm threshold, and sending limit for this application.

Note: If the number of SMS requests in a calendar day exceeds the alarm threshold, the notifications will be sent through SMS, Message Center, or other channels. The system will stop sending messages when the sending limit is exceeded. You can modify the alarm threshold and sending limit.

2. You can either select a country/region one by one from the drop-down list or import multiple countries/regions by clicking **Batch Import**. Click **Download Template** to get the batch import template.

### Global SMS Recipient Country/Region Settings

For this application, send a notification when the number of Global SMS requests exceeds 100 in a calendar day, and stop sending messages when the numt

☒ Recipient Country/Region Configuration (If this option is enabled, this application can only send messages to the countries/regions specified below)

For  , send a notification when the number of SMS requests exceeds  , and stop sending messages when the number exceed

For  , send a notification when the number of SMS requests exceeds  , and stop sending messages when the number exceed

+

Too many countries/regions to add? Try [Batch Import](#) [Download Template](#)

Set

Cancel

**Note :**

The message sending limit for a single country/region in a calendar day cannot exceed the total limit for all countries/regions.

If left empty, it will be the same as the total limit by default.

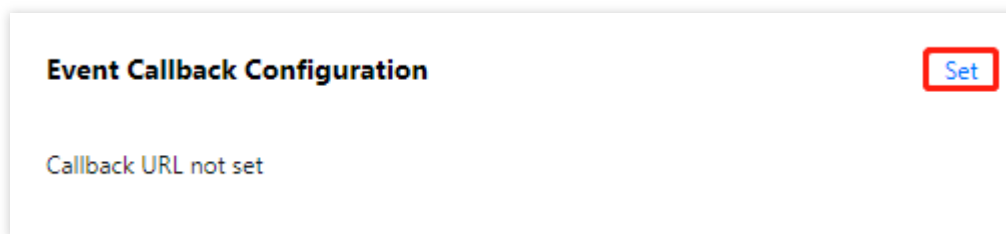
With these settings, the application can send messages only to the specified countries/regions.

3. Click **Set** to save.

If you want to modify the message sending limit for a single country/region in a calendar day later, click **Edit** in the **Operation** column. You can also delete or export the configured countries/regions.

## Event Callback Configuration

1. Click **Set** in **Event Callback Configuration**, select message status callback as needed, and enter the corresponding callback URL (callback information receipt API).

A dialog box titled "Event Callback Configuration" with a "Set" button in the top right corner. The text "Callback URL not set" is displayed below the title.

**Event Callback Configuration** Set

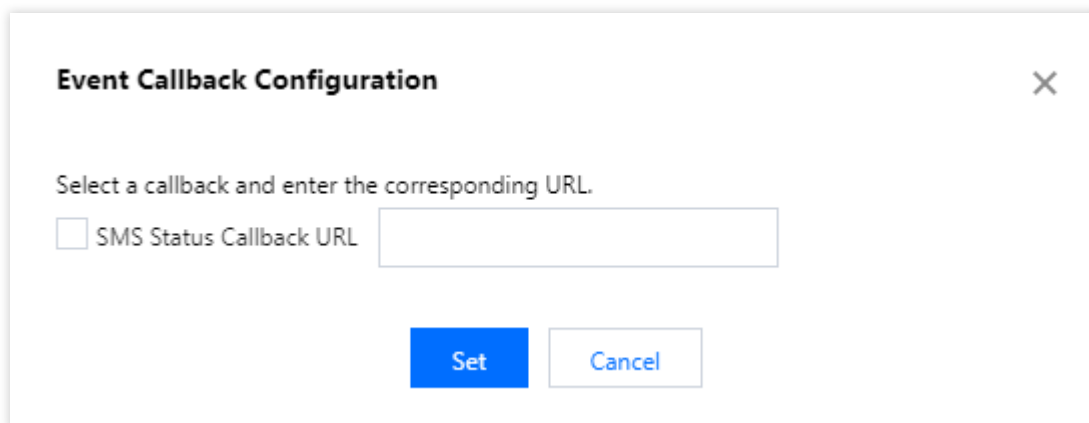
Callback URL not set

### Note :

The body carried by the callback information is in JSON format.

2. Click **Set** to save.

After successful configuration, you will get a better grasp on the SMS delivery details. For example, after you configure the message receiving status callback address, Tencent Cloud will push the callback information received from the carrier to your specified callback address timely. Then, you can write appropriate code to receive, parse, and further use the callback information pushed by Tencent Cloud SMS.

A dialog box titled "Event Callback Configuration" with a close button (X) in the top right corner. The text "Select a callback and enter the corresponding URL." is displayed. Below this, there is a checkbox labeled "SMS Status Callback URL" and an empty text input field. At the bottom, there are two buttons: "Set" and "Cancel".

**Event Callback Configuration** ×

Select a callback and enter the corresponding URL.

☐ SMS Status Callback URL

Set Cancel

## Setting a Sending Frequency Limit

To ensure business and channel security and minimize financial loss caused by malicious call of SMS APIs, the default frequency limit for sending SMS messages is set as follows:

SMS messages with the same content can be sent to a single mobile number only once within 30 seconds.


Up to 10 messages can be sent to the same mobile number in a calendar day.


**Note :**


Individual users have no permission to modify the frequency limit. To use this feature, change "Individual Verification" to "Organization Verification".

1. Click **Set** in **Sending Frequency Limit**, select the limits as needed, and set the corresponding threshold for each limit.

**Sending Frequency Limit** Set

 Up to **1** message can be sent to a mobile number in **30 seconds**.

 Up to **5** messages can be sent to 1 mobile number in **1 hour**.

 Up to **10** messages can be sent to a mobile number in **1 calendar day**.

2. Click **Set** to save.

Select the limits you want set and enter desired values (It is expected to take effect in ten minutes once set successfully.)

☐

Up to  messages can be sent to a mobile number in **30 seconds**.

☐

The number of SMS messages sent to 1 mobile number cannot exceed  in **1 hour**.

☒

Up to  messages can be sent to a mobile number in **1 calendar day**.

☒

The number of the same SMS message sent to the same mobile number cannot exceed  in  sec

Set

Cancel

## Setting a Frequency Limit Allowlist

### Note :

Mobile numbers in the allowlist are not subject to the frequency limit policy. An allowlist can contain up to 300 mobile numbers.

### Adding mobile number to allowlist

1. Click **Set** in **Frequency Limit Allowlist** and enter a mobile number per row. Up to 300 mobile numbers can be added to the allowlist.

**Frequency Limit Allowlist** **Set**

Mobile	Operation
No data	

Total items: 010 / page1 / 1 page

2. Click **Set** to save the settings.

**Add to Allowlist** ×

Up to 300 mobile numbers (one per line) can be added to the allowlist.

Enter mobile number

Up to 100 mobile numbers can be added to the allowlist at a time(It is expected to take effect in ten minutes once set successfully)

**Set** Cancel

### Deleting mobile number from allowlist

1. Click **Delete** in the row of the target mobile number in **Frequency Limit Allowlist**.



2. Click **Delete**.

# Configuring Alarm Recipient

Last updated : 2024-01-18 16:24:26

You can add an alarm recipient and configure specific reminder events. When an event is triggered, the specified contact will receive relevant SMS messages and emails. Events include over-limit delivery notification, rate limit notification, and template and signature review notification.

**Note:**

Up to 5 alarm recipients can be added under each application.

## Adding Alarm Recipient

1. Log in to the [SMS console](#).
2. Select **Application Management > Notifications & Alarms** on the left sidebar.
3. Select the **Current Application** as the target application to be manipulated.
4. Click **Add Alarm Recipient**.
5. Enter the name, mobile number, and email address of the contact and select the target events.



### Add Alarm Recipient

Name\*

Mobile\*

E.g., Chinese mainland: +86185xxx

Format: + <country code> <mobile number>

Email\*

Receiving Frequency Limit Notifications

☒ Yes ☐ No

Over-limit Sending Notifications

☒ Yes ☐ No

Template/Signature Review Notifications

☒ Yes ☐ No

Add

Cancel

6. Click **Add**.

## Editing Alarm Recipient

1. Log in to the [SMS console](#).
2. Select **Application Management > Notifications & Alarms** on the left sidebar.
3. Select the **Current Application** as the target application to be manipulated.
4. Click **Edit** in the row of the contact.
5. Click **Modify** to modify the name, mobile number, and email address of the contact and the events.

## Deleting Alarm Recipient

### Note:

Once deleted, an alarm recipient **cannot be recovered**; therefore, please do so with caution.

1. Log in to the [SMS console](#).
2. Select **Application Management > Notifications & Alarms** on the left sidebar.
3. Select the **current application** as the target application to be manipulated.

4. Click **Delete** in the row of the contact.
5. In the pop-up window, click **OK**.

# Disabling/Deleting Application

Last updated : 2024-01-18 16:24:26

If you don't need an application temporarily, you can disable it and then enable it when needed.

If you are sure that you will no longer need an application, you can disable it and then delete it. **Once deleted, the application cannot be restored directly; instead, you will have to submit an application for review; therefore, please do so with caution.**

## Disabling Application

1. Log in to the [SMS Console](#).
2. Select **Application Management** > **Application List** on the left sidebar.
3. Click **Disable** in the card of the target application.

### Note:

After the application is disabled, Tencent Cloud will suspend the SMS service for it.

4. In the pop-up window, click **OK**.

The operation will take about 5 minutes to take effect. After the application is disabled, **Enable** and **Delete** will appear in its card. You can perform the relevant operation as needed.

## Enabling Application

If you need to use a disabled application, you can enable it.

1. Log in to the [SMS Console](#).
2. Select **Application Management** > **Application List** on the left sidebar.
3. Click **Enable** in the card of the disabled application.
4. In the pop-up window, click **OK**.

The operation will take about 5 minutes to take effect.

## Deleting Application

If you no longer need a disabled application, you can delete it. **Once deleted, the application cannot be restored directly; instead, you will have to submit an application for review; therefore, please do so with caution.**

1. Log in to the [SMS Console](#).
2. Select **Application Management** > **Application List** on the left sidebar.
3. Click **Delete** in the card of the disabled application.

4. In the pop-up window, click **OK**.

# Global SMS Statistics

Last updated : 2024-01-18 16:24:26

Log in to the [SMS console](#) and select **Business Statistics** > **Global SMS** on the left sidebar. Then, you can view the details of Global SMS delivery, delivery records, and failure analysis within a specified time period. Click **Export Data** on each page to download the corresponding data table.

## Data Overview

On the **Data Overview** page, you can specify an application or template to precisely filter and view the SMS delivery details for today, yesterday, the last 7 days, the last 30 days, or a specified time period. Both the trend chart and data table support displaying statistical data in multiple dimensions such as requests, successes, billable messages, and success rate.

**Requests:** The total number of SMS submissions, it refers to SMS submissions from business side, including successful and failed submissions.

**Successes:** The number of successful SMS submissions, it refers to SMS submissions with a status as successfully submitted.

**Billable Messages:** For SMS messages that was submitted successfully,

Global SMS messages including only English characters: if a message contains 160 characters or less, it will be billed as one message; otherwise, it will be billed as multiple messages based on the standard of 153 characters per message. For example, if a message contains 320 characters, it will be billed as 3 messages (153 + 153 + 14 characters).

Global SMS messages including non-English characters: if a message contains 70 characters or less, it will be billed as one message; otherwise, it will be billed as multiple messages based on the standard of 67 characters per message. For example, if a message contains 150 characters, it will be billed as 3 messages (67 + 67 + 16 characters).

## Message Records

On the **Message Records** page, you can specify a mobile number, application, or template to precisely filter and view the message delivery records and reply records of a single mobile number within a specified time period.

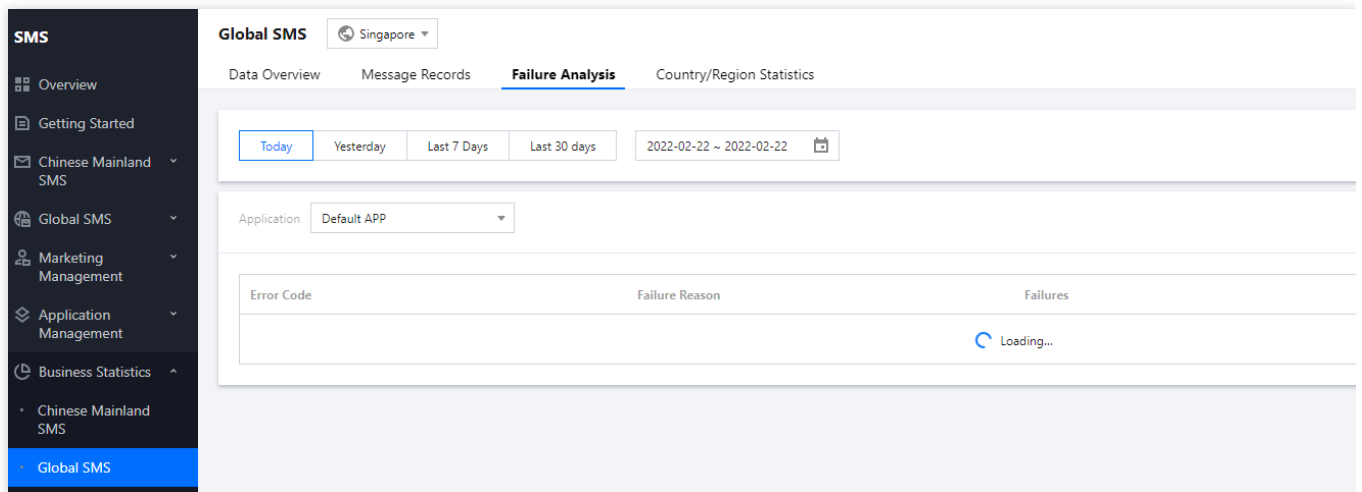
The data table of delivery records supports displaying statistical data in multiple dimensions such as mobile number, message content, characters/fragment messages, SMS type, and delivery status. For successfully sent Global SMS messages, user's answering status will be recorded in the **Remarks** column. For failed Global SMS messages, there are no initiation time, answering time, and end time information, and the cause of failure will be recorded in the **Remarks** column.

The data table of reply records supports displaying statistical data in multiple dimensions such as mobile number, reply content, time replied, and status.

## Failure Analysis

On the **Failure Analysis** page, you can specify an application to filter and view the details and proportions of SMS delivery failures for today, yesterday, the last 7 days, the last 30 days, or a specified time period.

The data table supports displaying statistical data in multiple dimensions such as error code, failure reason, failures, and proportion.



## Country/Region Statistics

On the **Country/Region Statistics** page, you can specify applications to filter, view, or export the Short Message Service sent situation of every sending Country/Region today, yesterday, in the last 7 days, last 30 days or during a specific period.

The pie chart can visually show the proportion of requests in different countries and regions;

The data table supports statistics from multiple dimensions including requests, successes, success rate of sending, billable messages, unit price, and proportion of requests.

Global SMS

Singapore Your data will be stored in Singapore

Data Overview

Message Records

Failure Analysis

Country/Region Statistics

Today

Yesterday

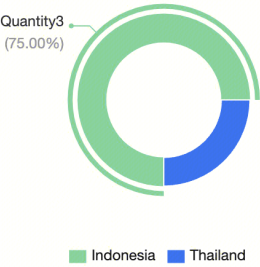
Last 7 Days

Last 30 days

2022-01-01 ~ 2023-12-07

Application

ks-test-cb



Country/Region	Country/Region Code	Requests	Successes	Success Rate of Sending	Billable Messa
Indonesia	62	3	3	100%	3
Thailand	66	1	1	100%	1



# General Management

## Configuring Reply Callback

Last updated : 2024-01-18 16:24:26

### Overview

You can configure the SMS reply callback and set the corresponding callback address based on your business needs. Then, Tencent Cloud will push the callback information received from the ISP to your specified callback address in a timely manner. Then, you can write appropriate code to receive, parse, and further use the callback information pushed by Tencent Cloud SMS.

#### Note:

Up to 1 reply callback URL can be added under each Tencent Cloud account.

### Directions

1. Log in to the [SMS console](#).
2. Select **General Management > Reply Callback** on the left sidebar.
3. Click **Add Reply Callback URL**.
4. You can enable the SMS reply callback URL as needed and enter the corresponding callback URL.

#### Note:

The body carried by the callback information is in JSON format.

5. Click **Add** to save.

# Manage the Do Not Disturb List

Last updated : 2024-01-18 16:24:26

## Manage the Do Not Disturb List

The Do Not Disturb List feature provides proactive anti-harassment capabilities. You can add phone numbers to the Do Not Disturb List, and phone numbers in the list will not receive SMS messages sent using the corresponding signature. The total number of Do Not Disturb List numbers configured in all signatures cannot exceed 1,000.

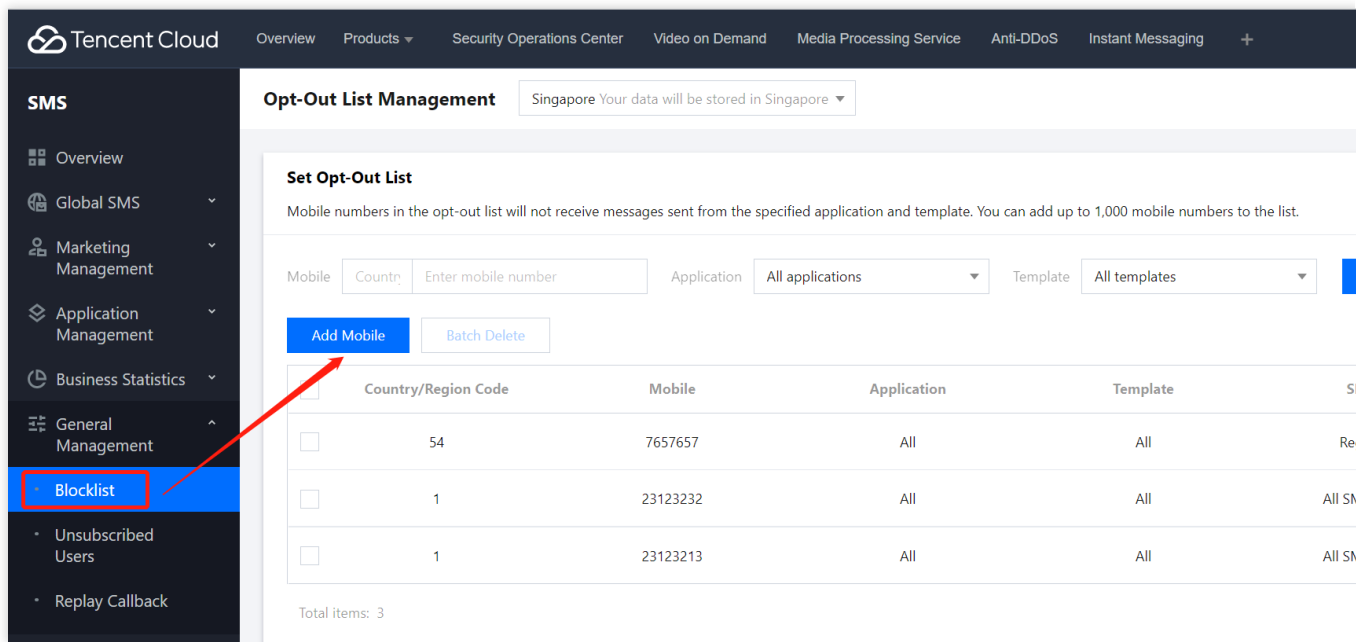
Select the SMS signature, SMS template, and SMS type, and enter the phone number.

## Prerequisites

Before using the Do Not Disturb List feature, you need to apply for an SMS signature and confirm that it has passed the review.

## Add phone numbers to the Do Not Disturb List

1. Log in to the [SMS console](#).
2. In the left navigation bar, select General Management > [Do Not Disturb List Management](#).
3. Click Add Number.



**Opt-Out List Management** Singapore Your data will be stored in Singapore

**Set Opt-Out List**

Mobile numbers in the opt-out list will not receive messages sent from the specified application and template. You can add up to 1,000 mobile numbers to the list.

Mobile  Country  Enter mobile number Application  Template

[Add Mobile](#) [Batch Delete](#)

<input type="checkbox"/>	Country/Region Code	Mobile	Application	Template	Si
<input type="checkbox"/>	54	7657657	All	All	Re
<input type="checkbox"/>	1	23123232	All	All	All SM
<input type="checkbox"/>	1	23123213	All	All	All SM

Total items: 3

Select the SMS signature, SMS template, and SMS type, and enter the phone number.

### Add Mobile Number to Opt-Out List

Application Name

All applications

Template Name

All templates

SMS Type

All SMS Messages

Mobile

You can enter up to 1,000 mobile numbers (one per line), and 0 numbers have been added.

Format: country/region code + mobile number. For example, for a Philippines mobile number "XXXXXXX", enter it in the format of "63XXXXXXX" here.

☐ I'm aware that setting the opt-out list requires users' authorization, and I've been authorized through the following ways, including but not limited to users' opt-out requests made via unsubscription messages, calls, and emails.

Add

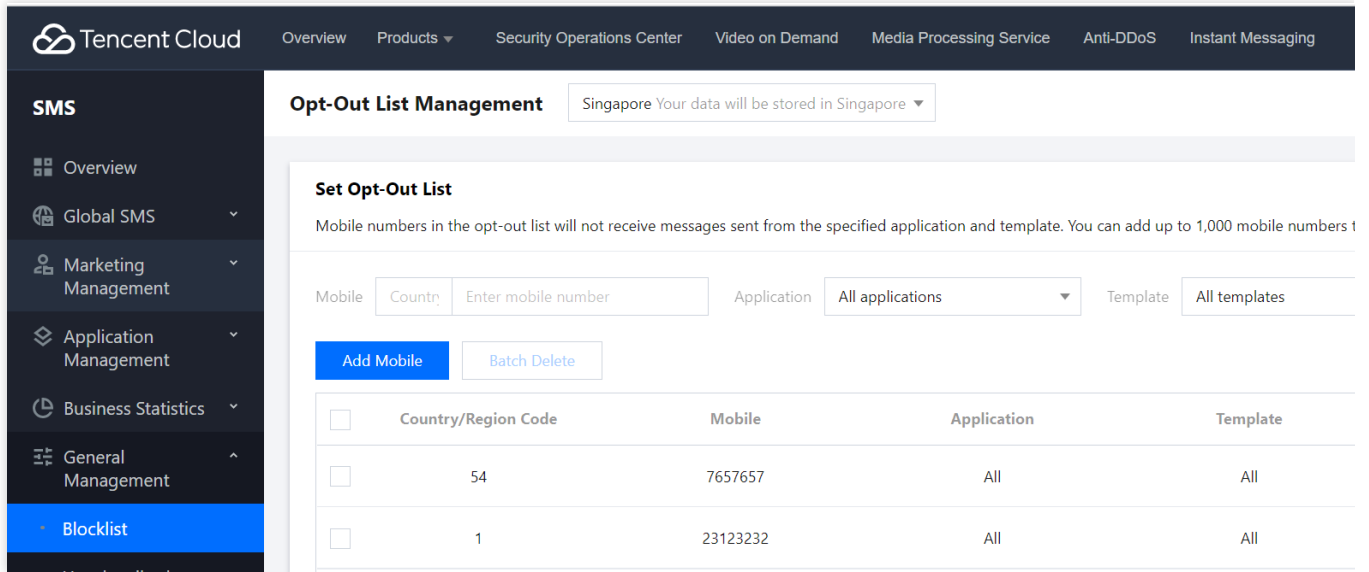
Cancel

**Note:**

When entering multiple numbers at the same time, press Enter to start a new line. Each line represents a phone number. The total number of numbers on all Do Not Disturb List for signatures cannot exceed 1000. Click "Confirm" to add the numbers. It takes about 5 minutes for the numbers to take effect. When the status of a number is "effective", the number will not be able to receive SMS messages sent under the corresponding conditions.

## Querying Do Not Disturb List

1. Log in to the [SMS console](#).
2. Select "General Management" > [Manage the Do Not Disturb List](#) in the left navigation bar.
3. Enter the target phone number and select the target signature above the Do Not Disturb List. Click "Query" to check if there is relevant information in the current do-not-disturb list.



## Remove Do Not Disturb List Number

### Note:

After removing the Do Not Disturb list number, it cannot be restored, and the mobile phone number will resume normal receipt of SMS sent with the corresponding signature.

1. Log in to the [SMS console](#).
2. In the left navigation bar, select General Management > [Manage the Do Not Disturb List](#).
3. You can choose the delete operation as needed:

Single delete: Click the delete button in the row of the target mobile phone number.

Batch delete: Check the mobile phone numbers to be deleted and click Batch Delete above the list.

In the pop-up confirmation box, click Confirm.

# Access Management

## Cloud Access Management

Last updated : 2024-01-18 16:24:26

### Note:

This document describes the access management feature of **SMS**. For more information on access management for other Tencent Cloud services, please see [CAM-Enabled Products](#).

[Cloud Access Management \(CAM\)](#) is a web-based Tencent Cloud service that helps you securely manage and control access permissions to your Tencent Cloud resources. Using CAM, you can create, manage, and terminate users (groups), and control the Tencent Cloud resources that can be used by the specified user through identity and policy management.

SMS has been connected to **CAM**. You can grant appropriate SMS access permissions to sub-accounts as needed.

## Getting Started

Before using CAM for SMS, you need to have some knowledge of the basic concepts in CAM and SMS, including:

CAM: [user](#) and [policy](#)

SMS: [application](#)

## Use Cases

### Permission isolation at the Tencent Cloud service level

Among the various departments using Tencent Cloud in an organization, department A is in charge of the SMS service. Personnel of department A need permission to access SMS, but not to access other Tencent Cloud services. To this end, the organization can create a sub-account for department A through the root account, grant it only SMS-related permissions, and then provide it to department A.

### Permission isolation at the SMS application level

When multiple businesses in an organization are using SMS, isolation is needed. Isolation involves resource isolation and permission isolation, of which the former is enabled by the [SMS application](#) system and the latter is implemented by SMS access management. In this case, sub-accounts can be created for each business and granted permission to the relevant SMS applications so that each business can only access the specified applications.

### Permission isolation at the SMS action level

Product operations personnel of a business using SMS in an organization need to access the SMS console to get delivery statistics, but they should be forbidden to perform sensitive operations (such as modifying an over-limit delivery notification or a delivery rate limit) so as to protect the business against any faulty operations. To do this, you can create a custom policy that has permissions to log in to the SMS console but no permissions to call the APIs for over-limit delivery notification and delivery rate limit, create a sub-account and bind it to that policy, and then provide the sub-account information to the product operations personnel.

## Authorization Granularity

The core feature of CAM is to **allow or forbid an account to perform some operations or manipulate some resources**. SMS access management supports [resource-level authorization](#). The resource granularity is the SMS application, and the operation granularity is the [TencentCloud API](#), including server APIs and APIs that may be used when the SMS console is accessed. For more information, please see [Authorizable Resources and Actions](#).

## Limitations

SMS access management supports authorization at the application level but not at the finer-grained resource level (such as the application information and the configuration information).

SMS access management does not support projects and tags.

# Authorizable Resources and Actions

Last updated : 2024-01-18 16:24:26

## Note:

This document describes the access management feature of **SMS**. For more information on access management for other Tencent Cloud services, please see [CAM-Enabled Products](#).

The core feature of CAM is to **allow or forbid an account to perform certain operations or manipulate certain resources**. SMS access management supports [resource-level authorization](#). The resource granularity is the SMS application, and the operation granularity is the [TencentCloud API](#), including [API 3.0](#) and APIs that may be used when the SMS console is accessed.

If you need to manage access to SMS, please log in to the Tencent Cloud [root account](#) and use a [preset policy](#) or a [custom policy](#) to complete the specific authorization operations.

## Authorizable Resource Types

The authorizable resource type in SMS access management is the application.

## APIs Supporting Resource-Level Authorization

SMS supports resource-level authorization for all console APIs listed in this section, but not for server APIs. The syntax descriptions of the resources manipulated by such APIs in the [authorization policy syntax](#) are identical, as detailed below:

Grant the permission to access all applications: `qcs::sms::uin/$ownerUin:app/*` .

Grant the permission to access a single application: `qcs::sms::uin/$ownerUin:app/$BizId` .

## Console API Actions

API Name	Applicable Module	Feature Description
DescribeAppList	<a href="#">SMS console</a> > Applications > Application List	Gets the application list
DescribeAppInfo	<a href="#">SMS console</a> > Applications > Application List > Application Info	Gets the application information
ModifyAppInfo	<a href="#">SMS console</a> > Applications > Application List > Application Info	Edits the application information



ModifyAppStatus	<a href="#">SMS console</a> > Applications > Application List	Enables/Disables the application
DeleteAppInfo	<a href="#">SMS console</a> > Applications > Application List	Deletes the application
DescribeWarningThreshold	<a href="#">SMS console</a> > Applications > Basic Configuration > Over-limit Delivery Notification	Gets the over-limit delivery notification
ModifyWarningThreshold	<a href="#">SMS console</a> > Applications > Basic Configuration > Over-limit Delivery Notification	Edits the over-limit delivery notification
DescribeFreqRule	<a href="#">SMS console</a> > Applications > Basic Configuration > Delivery Rate Limit	Gets the delivery rate limit
ModifyFreqRule	<a href="#">SMS console</a> > Applications > Basic Configuration > Delivery Rate Limit	Edits the delivery rate limit
DescribeCallbackInfo	<a href="#">SMS console</a> > Applications > Basic Configuration > Event Callback Configuration	Gets the callback configuration
ModifyCallbackInfo	<a href="#">SMS console</a> > Applications > Basic Configuration > Event Callback Configuration	Edits the callback configuration
DescribeFrequencyWhiteList	<a href="#">SMS console</a> > Applications > Basic Configuration > Rate Limit Allowlist	Gets the rate limit allowlist
AddFrequencyWhiteList	<a href="#">SMS console</a> > Applications > Basic Configuration > Rate Limit Allowlist	Adds the rate limit allowlist
DeleteFrequencyWhiteList	<a href="#">SMS console</a> > Applications > Basic Configuration > Rate Limit Allowlist	Deletes the rate limit allowlist
DescribeNewsReceiver	<a href="#">SMS console</a> > Applications > Notifications & Alarms	Gets the alarm contact information
AddNewsReceiver	<a href="#">SMS console</a> > Applications > Notifications & Alarms	Adds the alarm contact information
ModifyNewsReceiver	<a href="#">SMS console</a> > Applications > Notifications & Alarms	Edits the alarm contact information
DeleteNewsReceiver	<a href="#">SMS console</a> > Applications > Notifications & Alarms	Deletes the alarm contact information
ModifyTaskStatusStart	<a href="#">SMS console</a> > Mainland China SMS/Global SMS > Bulk SMS	Starts the instant or scheduled delivery task
ModifyTaskStatusStop	<a href="#">SMS console</a> > Mainland China SMS/Global	Stops the instant delivery

	SMS > Bulk SMS	task
CancelSendSMSTask	<a href="#">SMS console</a> > Mainland China SMS/Global SMS > Bulk SMS	Cancels the scheduled delivery task

**Note:**

For an API that does not support resource-level permission control, you can still grant a user the permission to use it through a [custom policy](#), but you must specify `*` as the resource element in the policy statement.

## CAM Module Update

The CAM module of SMS has been updated from "consolesms" to "sms". If your Tencent Cloud account has granted a sub-account API permissions of the "consolesms" module in a preset policy, the sub-account will be automatically bound to the corresponding API permissions of the "sms" module. If a custom policy associated with a sub-account contains an API of the "consolesms" module, you need to replace the "consolesms" API with the corresponding "sms" API when updating the policy syntax subsequently. The following are the API mapping relationships:

Legacy consolesms API	Mapped new sms API
SMS_GetAPPList	DescribeAppList
SMS_GetAPPInfo	DescribeAppInfo
SMS_GetWarningThreshold	DescribeWarningThreshold
SMS_GetFreqRule	DescribeFreqRule
SMS_GetCallbackList	DescribeCallbackInfo
SMS_GetFrqWhiteList	DescribeFrequencyWhiteList
SMS_GetNewsReceiver	DescribeNewsReceiver
SMS_GetBlackListByQappid	DescribeBlackList
SMS_SendSMSResultStatisticQuery_export	DescribeSmsResultFile
SMS_Statistic_QuerySMS_ByAppid_export	DescribeSmsRecordFile
SMS_StatisticQueryByQAppid	DescribeStatisticQuery
SMS_QuerySendSMSByQAppid	DescribeSendSmsRecord
SMS_GetPkgAutoRenew	DescribePkgAutoRenew

SMS_QueryDumpLogTask	DescribeQueryDumpLogTask
SMS_QuerySendSMSDumpLogTask	DescribeSendSmsDumpLogTask
SMS_CancelDumpLogTask	CancelDumpLogTask
SMS_AddDumpLogTask	AddDumpLogTask
SMS_GetWarningThreshold	DescribeWarningThreshold
SMS_StatisticNationCode	DescribeNationCodeStatistic
SMS_SendSMSResultStatisticQuery	DescribeSendSMSResult
SMS_Stat_InnerQuery_Reply	DescribeInnerSMSReply
SMS_QuerySendSMSTaskSummary	DescribeSendSMSTaskSummary
SMS_StatisticMonth	DescribeMonthStatistic
SMS_QuerySendSMSStatistic	DescribeSendSMSStatistic
SMS_QuerySendSMSDetail	DescribeSendSMSDetail
SMS_QuerySmsPkgRemain	DescribeSmsPkgRemain
SMS_GetPackageList	DescribePackageList
SMS_UnsubscribeQuery	DescribeUnsubscribe
SMS_ReceiptAnalysis	DescribeReceiptResult
SMS_GetTPLSignInfo	DescribeTPLSignInfo
SMS_GetTPLSignList	DescribeTPLSignList

Because of the console version upgrade, some APIs in the CAM module "consolesms" have been disused. If the following APIs are contained in the custom policies associated with your sub-accounts, please delete the relevant content in the policy syntax:

API	Status
SMS_Stat_InnerQuery_export	Disused
SMS_GetConsoleFlag	Disused
SMS_IsWhiteDumpAppid	Disused
SMS_IsWhiteAppId	Disused

SMS_QueryBill_export	Disused
SMS_CheckAppidBizid	Disused
SMS_GetAllBizList	Disused
SMS_GetSMSNotice	Disused
Voice_GetSelfAccountTypes	Disused
Voice_GetAccountTypeInfo	Disused
Voice_GetBizTypes	Disused
Voice_GetBizAndAccountTypeInfo	Disused
SMS_GetServiceState	Disused
SMS_StatisticQueryIOTAnalysis	Disused
SMS_StatisticQueryIOTByOper	Disused
SMS_StatisticQueryIOT	Disused
SMS_Stat_InnerQueryVoice	Disused
SMS_StatisticQueryEx	Disused
SMS_StatisticQueryNew	Disused
SMS_GetNewsReceiverFlag	Disused
SMS_QueryTemplateStatisticEx	Disused
SMS_QueryTemplateStatistic	Disused
SMS_QueryBill	Disused
SMS_QuerySendSMSRemain	Disused
SMS_QuerySendSMS	Disused
SMS_IsWhiteUin	Disused
SMS_GetBlackList	Disused
SMS_Statistic_QuerySMS_export	Disused
SMS_GetSendList	Disused

SMS_GetReceiver	Disused
SMS_Query_Black	Disused

# Preset Policies

Last updated : 2024-01-18 16:24:26

## Note:

This document describes the access management feature of **SMS**. For more information on access management for other Tencent Cloud services, please see [CAM-Enabled Products](#).

SMS access management essentially binds sub-accounts to policies or grants policies to sub-accounts. You can use default policies directly in the console to implement some simple authorization operations. For more complicated authorization operations, please see [Custom Policies](#).

Currently, SMS provides the following default policies:

Policy Name	Description
QcloudSMSFullAccess	Full access permission
QcloudSMSReadOnlyAccess	Read-Only access permission

## Default Policy Use Cases

### Creating sub-accounts with full access permission

1. Access the [User List](#) page in the CAM Console using the Tencent Cloud [root account](#) and click **Create User**.
2. On the "Create User" page, select **Custom Creation** to enter the "Create Sub-user" page.

## Note:

Please perform the steps before "User Permissions" as instructed in [Creating a Custom Sub-user](#).

3. On the "User Permissions" page:

3.1 Search for and select the default policy `QcloudSMSFullAccess` .

3.2 Click **Next**.

4. Click **Complete** in the "Review" column. After the sub-user is created successfully, download the login link and security credentials as shown below and keep them private.

Information	Source	Description	Storage Required
Login link	Copy it on the page	Makes it easier to log in to the console without having to enter the root account	No
Username	Security credential file in CSV format	Needed for console login	Yes
Password	Security credential file in CSV	Needed for console login	Yes

	format		
SecretId	Security credential file in CSV format	Needed for calling server APIs. For more information, please see "Access Key"	Yes
SecretKey	Security credential file in CSV format	Needed for calling server APIs. For more information, please see "Access Key"	Yes

5. With the above login link and security credentials, you can use this sub-user to perform all operations in SMS (such as accessing the SMS console and calling SMS server APIs).

## Granting Existing Sub-account Full Access to SMS

1. Access the [User List](#) in the CAM console using a Tencent Cloud [root account](#) and click the target sub-account.
2. Click **Add Policy** under the "Permissions" tab on the "User Details" page. If the permission of a sub-account is not empty, click **Associate Policy**.
3. Click **Select policies from the policy list**, search for and check the preset policy `QcloudSMSFullAccess` , and complete the authorization as prompted.

## Removing a Sub-account's Full Access to SMS

1. Access the [User List](#) in the CAM console using a Tencent Cloud [root account](#) and click the target sub-account.
2. Find the preset policy `QcloudSMSFullAccess` under the "Permissions" tab on the "User Details" page, click **Disassociate** on the right, and complete deauthorization as prompted.

# Custom Policies

Last updated : 2024-01-18 16:24:26

## Note:

This document describes the access management feature of **SMS**. For more information on access management for other Tencent Cloud services, please see [CAM-Enabled Products](#).

It is convenient to use a [default policy](#) in SMS access control to implement authorization, but its granularity of permission control is coarse and cannot be refined to the SMS application and the [TencentCloud API](#) levels. If you need fine-grained permissions control, you need to create custom policies.

## Custom Policy Creation Methods

There are multiple ways to create a custom policy. The table below shows a comparison of various methods. For detailed directions, please see further below.

Creation Entry	Creation Method	Effect	Resource	Action	Flexibility
<a href="#">CAM console</a>	Policy generator	Manual selection	Syntax description	Manual selection	Medium
<a href="#">CAM console</a>	Policy syntax	Syntax description	Syntax description	Syntax description	High
CAM server API	<a href="#">CreatePolicy</a>	Syntax description	Syntax description	Syntax description	High

## Note:

SMS does not support creating custom policies by product feature or project.

Manual selection means that you can select an object from the candidate list displayed in the console.

Syntax description means that you can describe objects through the [authorization policy syntax](#).

## Authorization Policy Syntax

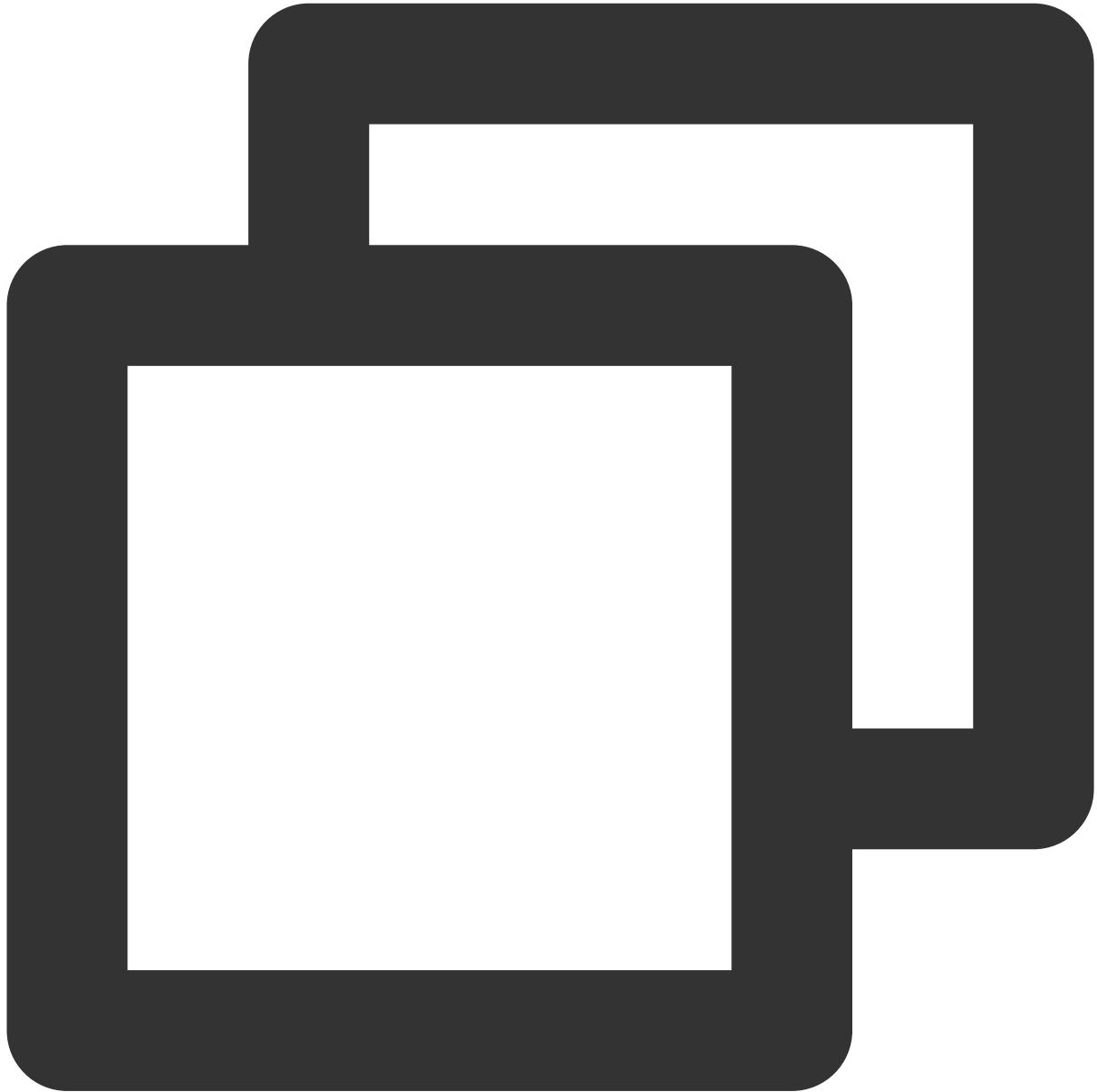
### Resource syntax description

As mentioned above, the resource granularity of permission management in SMS is the application. The application description in the policy syntax follows the [CAM resource description method](#). In the example below, the developer's



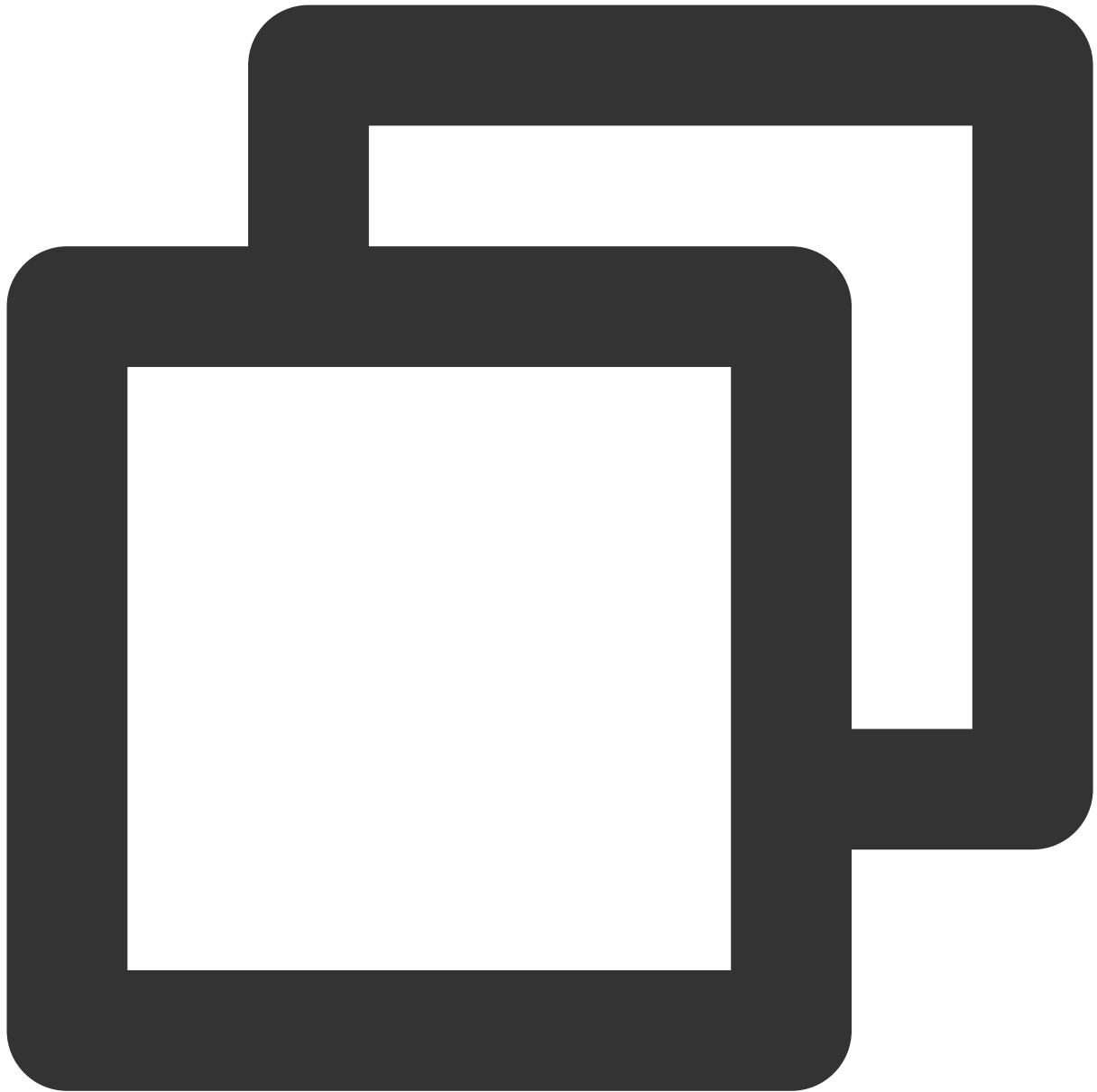
root account ID is 12345678, and the developer has created three applications with an `App` of 1400000000, 1400000001, and 1400000002, respectively.

#### Policy syntax description for all SMS applications



```
"resource": ["qcs::sms::uin/12345678:app/*"]
```

#### Policy syntax description for a single SMS application



```
"resource": [ "qcs::sms::uin/12345678:app/1400000001"]
```

**Policy syntax description for multiple SMS applications**

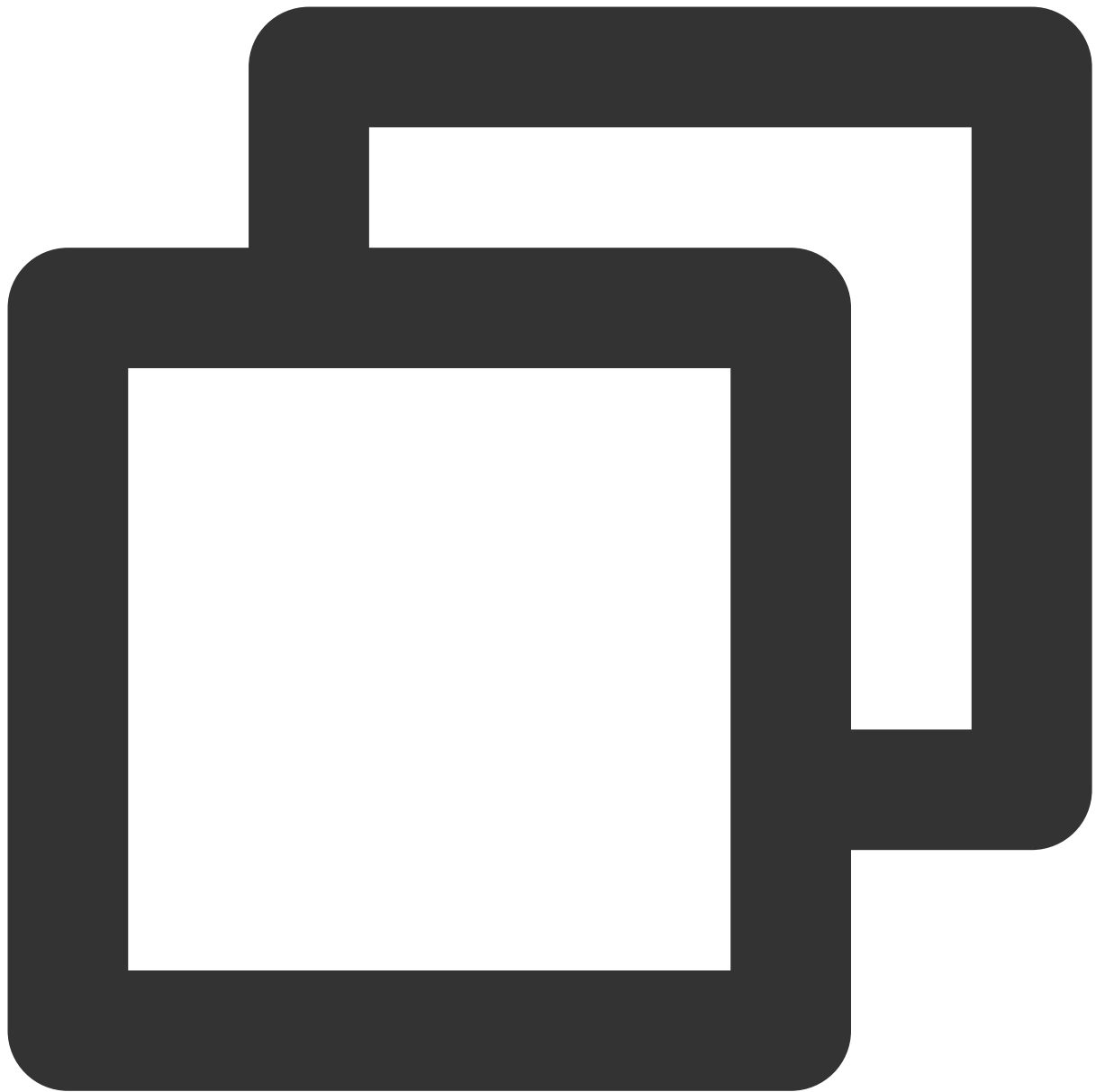


```
"resource": [ "qcs::sms::uin/12345678:app/1400000000", "qcs::sms::uin/12345678:app/1
```

### Action syntax description

As mentioned above, the action granularity of permission management in SMS is the TencentCloud API. For more information, please see [Authorizable Resources and Actions](#). TencentCloud APIs such as `DescribeAppList` (getting application list) and `DescribeAppInfo` (getting application information) are used as examples below.

### Policy syntax description for all SMS TencentCloud APIs



```
"action": [  
  "name/sms:*"  
]
```

**Policy syntax description for a single TencentCloud API**



```
"action": [  
  "name/sms:DescribeAppList"  
]
```

**Policy syntax description for multiple TencentCloud APIs**



```
"action": [  
  "name/sms:DescribeAppList",  
  "name/sms:DescribeAppInfo"  
]
```

## Custom Policy Use Cases

### Using the policy generator

In the example below, we will create a custom policy, which allows all actions except the console API

`DeleteAppInfo` to be performed on the SMS application 1400000001.

1. Access the **Policy** page in the CAM console using a Tencent Cloud [root account](#) and click **Create Custom Policy**.
2. Select **Create by Policy Generator** to access the policy creation page.
3. Select the service and action.

Select **Allow** for **Effect**.

Select **Short Message Service (sms)** for **Service**.

Check all items for **Action**.

Enter `qcs::sms::uin/12345678:app/1400000001` for **Resource** according to the [resource syntax description](#).

The **Condition** configuration item does not need to be configured.

Click **Add Statement** and a statement saying that "Any action is allowed on the SMS application 1400000001" will appear at the bottom of the page.

4. Continue adding another statement on the same page.

Select **Deny** for **Effect**.

Select **Short Message Service (sms)** for **Service**.

Check `DeleteAppInfo` (which can be quickly found using the search engine) for **Action**.

Enter `qcs::sms::uin/12345678:app/1400000001` for **Resource** according to the [resource syntax description](#).

The **Condition** configuration item does not need to be configured.

Click **Add Statement** and a statement saying that "The `DeleteAppInfo` action is denied on the SMS application 1400000001" will appear at the bottom of the page.

5. Click **Next** and rename the policy as needed (or leave it unchanged).
6. Click **Done** to create the custom policy.

Subsequently, this policy can be granted to other sub-accounts in the same way as [granting full access to SMS to an existing sub-account](#).

## Using the policy syntax

In the example below, we will create a custom policy, which allows all actions to be performed on SMS applications 1400000001 and 1400000002 but denies `DeleteAppInfo` for application 1400000001.

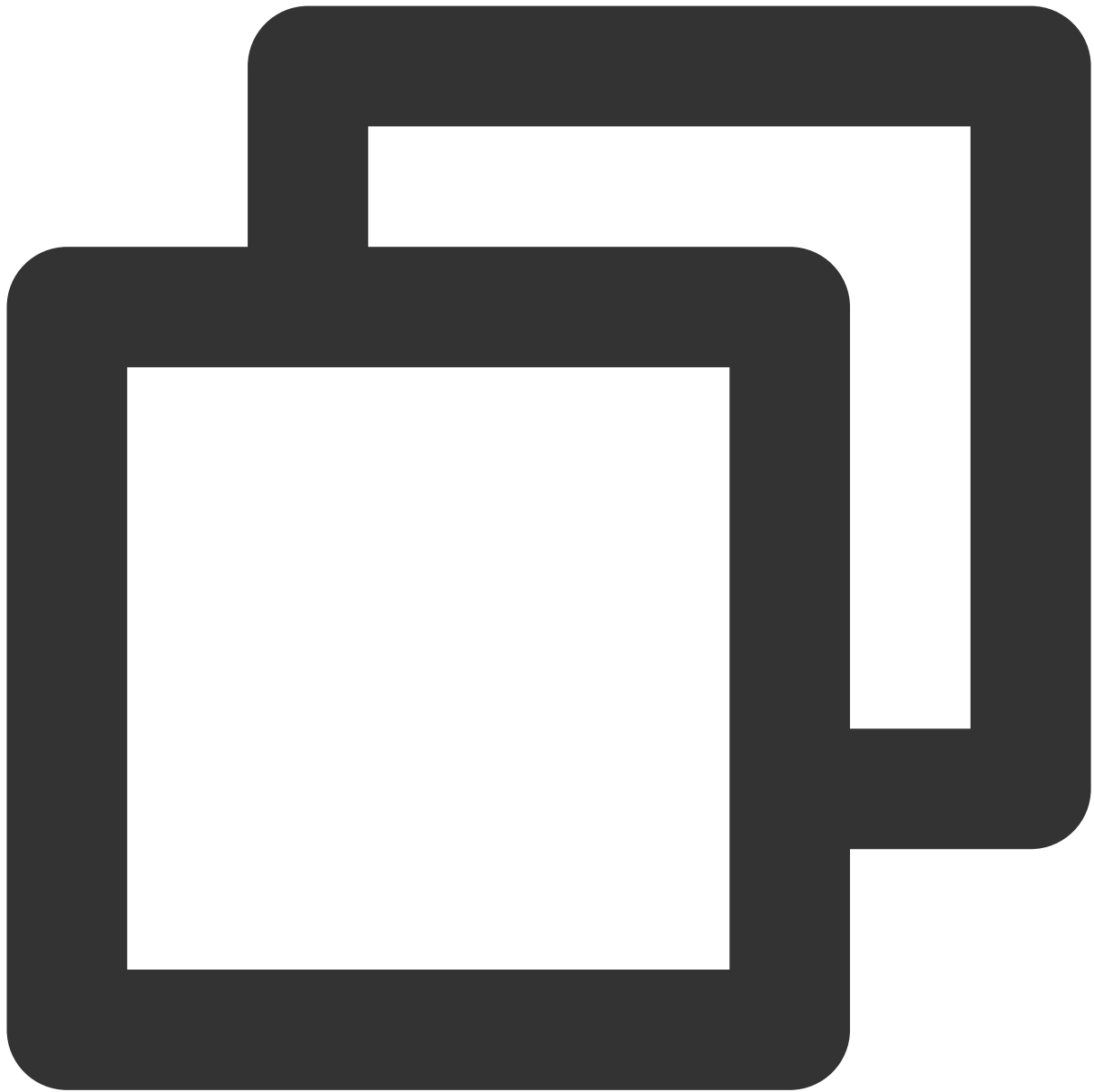
1. Access the **Policy** page in the CAM console using a Tencent Cloud [root account](#) and click **Create Custom Policy**.
2. Select **Create by Policy Syntax** to access the policy creation page.
3. In the **Select a template type** box, select **Blank Template**.

### Note:

A policy template is used to create a policy by copying an existing policy (preset or custom) and then making adjustments to the copy. During actual use, you can choose an appropriate policy template based on the actual conditions to reduce the difficulty and workload of writing the policy content.

4. Click **Next** and rename the policy as needed (or leave it unchanged).

5. Enter the following policy content in the **Policy Content** box:



```
{
  "version": "2.0",
  "statement": [
    {
      "effect": "allow",
      "action": [
        "name/SMS:*"
      ],
      "resource": [
```



```
        "qcs::sms::uin/12345678:app/1400000001",
        "qcs::sms::uin/12345678:app/1400000002"
    ]
},
{
    "effect": "deny",
    "action": [
        "name/SMS: DeleteAppInfo "
    ],
    "resource": [
        "qcs::SMS::uin/12345678:app/1400000001"
    ]
}
]
```

**Note:**

The policy content should follow the [CAM policy syntax logic](#), where the syntax of "resource" and "action" is as shown above in the [Resource syntax description](#) and the [Action syntax description](#).

6. Click **Complete** to create the custom policy.

Subsequently, this policy can be granted to other sub-accounts in the same way as [granting full access to SMS to existing sub-accounts](#).