

Text Moderation System

Getting Started

Product Documentation



Copyright Notice

©2013-2025 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 the Tencent corporate group, including its parent, subsidiaries and affiliated companies, as the case may be. 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.

Getting Started

Last updated : 2023-12-20 16:02:45

Step 1. Sign up

Sign up for a Tencent Cloud account as instructed in [Signing up for a Tencent Cloud Account](#).

Note:

You can skip this step if you already have a Tencent Cloud account.

Step 2. Create a sub-account (optional)

The account created when you [sign up for a Tencent Cloud account](#) is the root account, which has the management permissions of all resources under it. If you need your team members to assist you in managing resources under your account, you can use the CAM feature to create one or more sub-accounts, bind permission policies to them, and then assign them to team members. For detailed directions, see [Creating Sub-user](#).

A newly created sub-account has no permissions by default and requires the root account or admin to bind a policy to it before it can have the operation permissions of certain resources. You can configure access to TMS with CAM for sub-accounts as instructed in [CAM Authorization Guide](#).

Step 3. Activate the service

Prerequisites

You already have a Tencent Cloud root account or sub-account.

The logged-in account already has the read/write permissions of TMS.

Directions

Log in to the [CMS console](#) and select any menu under **TMS** on the left sidebar.

Step 4. Configure a policy (optional)

We recommend you configure a task policy based on your business needs for a personalized user experience.

Note:

You can skip this step if you use the preset default policy of Tencent Cloud TMS.

The default policy is developed by TenDI based on models for multiple industries. It is suitable for most content security requirements.

Prerequisites

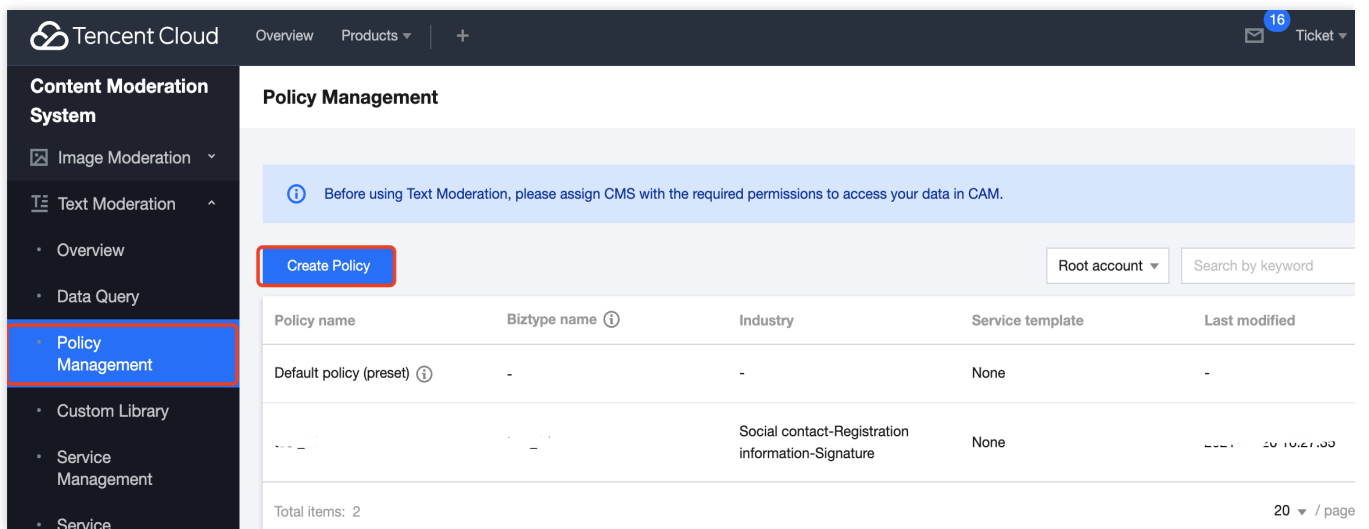
You already have a Tencent Cloud root account or sub-account.

The logged-in account already has the read/write permissions of TMS.

The logged-in account has activated TMS.

Directions

1. Log in to the [CMS console](#) and select **TMS > Policy Management** on the left sidebar.
2. On the **Policy Management** page, click **Create Policy** to enter the **Create Policy** page.



3. On the **Policy Configuration** page, enter the relevant information of the policy and click **Next**.

The screenshot shows the 'Create Policy' page with a progress bar at the top indicating four steps: 1. Basic Information (active), 2. Policy Configuration, 3. Custom Library, and 4. Creation Completed. The 'Basic Information' section contains three required fields: 'Policy name' (text input), 'Biztype name' (text input with an info icon), and 'Industry' (dropdown menu). A 'Next' button is located at the bottom left of the form.

Parameter description:

Parameter	Description
Policy Name	Text description of the policy, which can contain up to 30 letters, digits, and underscores.
Biztype Name	Specific policy number used for API calls, which can contain 3–32 letters, digits, and underscores and must be unique.
Industry Category	Category of the industry scenario involved in the policy.
Use Industry Template	It will be displayed only when Industry Category is set. You can select whether to use Tencent Cloud's preset industry templates for moderation.

4. On the **Recognition Policy Configuration** page, select whether to moderate different types of content based on your business needs and click **Next**.

5. On the **Custom Library Configuration** page, select a custom dictionary for content moderation in the **Custom Dictionary** drop-down list. If there are no custom libraries, you can click **Next** or save the current policy and go to [Step 5. Configure a custom dictionary](#).

← Create Policy

✓ Basic Information

 >

✓ Policy Configuration

 >

3 Cusom Library

 >

4 Creation Completed

You can configure the custom text library you set as needed. If there is no custom library available yet, you can click "Next" to save the current policy and then go to create one.



Custom Text Library

Select a custom text library you want to apply

BackNext

6. On the **Creation Completion** page, you can view the policy configuration information. After confirming it, click **Complete**.

7. The policy just created will be displayed in the list on the right of the **Policy Management** page.

Policy name	Biztype name ⓘ	Industry
Default policy (preset) ⓘ	-	-
		Social contact-Registration information-Signature
Total items: 2		

Step 5. Configure a custom dictionary (optional)

You can configure a custom dictionary to recognize whether images contain non-compliant text.

Note:

You can skip this step if you don't need to configure a custom dictionary.

Prerequisites

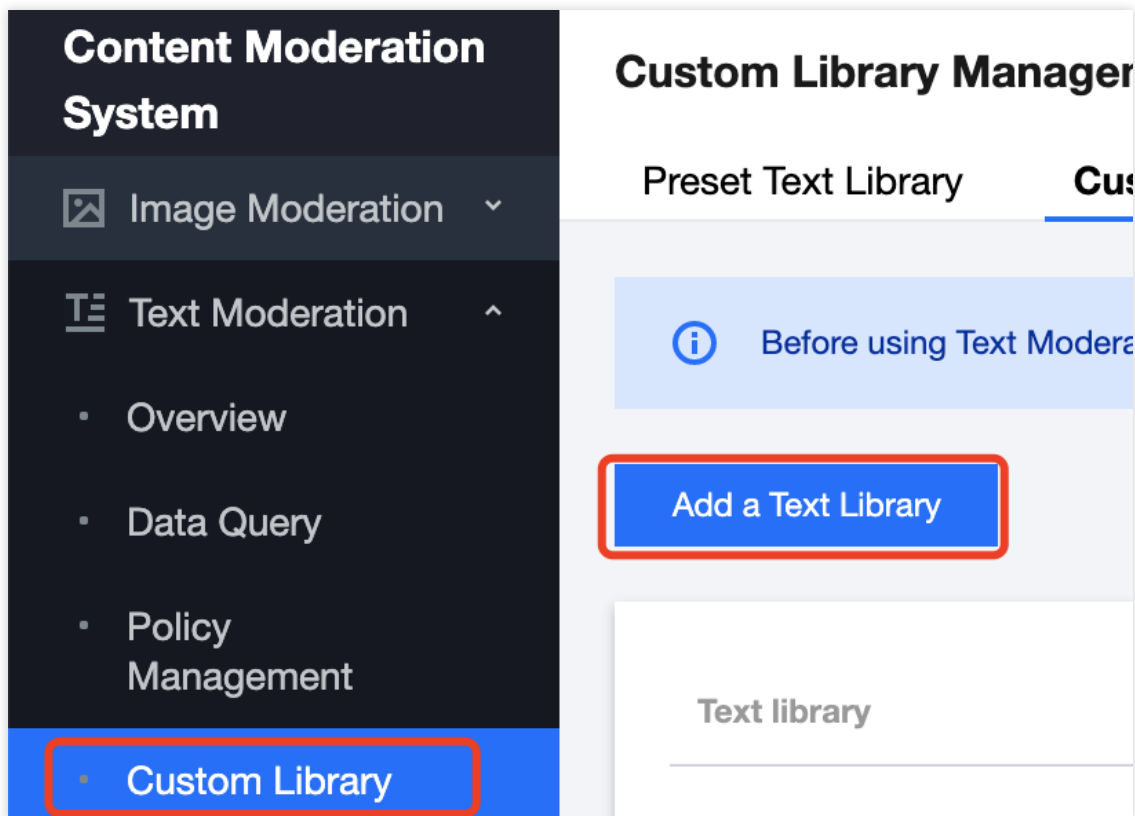
You already have a Tencent Cloud root account or sub-account.

The logged-in account already has the read/write permissions of TMS.

The logged-in account has activated TMS.

Directions

1. Log in to the [CMS console](#) and select **TMS > Custom Library Management > Custom Dictionary** on the left sidebar.
2. On the **Custom Dictionary** page, click **Add Dictionary** to pop up the **Create Dictionary** window.



3. In the **Create Dictionary** pop-up window, configure a custom library based on your business needs.

Create a Text Library

✕

* Text library

Enter the text library name

Moderation suggestion ⓘ

☒ Block ☐ Review

Matching mode

☒ Exact matching ⓘ ☐ Fuzzy matching ⓘ

OK

Cancel

Parameter description:

Parameter	Description
Dictionary Name	Text description of the dictionary, which can contain up to 32 letters, digits, and underscores.
Handling	You can select Non-compliant or Suspected .



Suggestion	Non-compliant: the information is identified as non-compliant information Suspected: the information may be non-compliant and requires manual moderation
Match Mode	For Chinese characters, both exact matching and fuzzy matching are supported. For alphabet letters, only fuzzy matching is supported. Exact match: it exactly matches the entered text Fuzzy match: it detects variants of the entered keyword to fuzzily match similar words such as split words, homographs, homophones, upper and lower cases, and numbers in words

4. Click **OK**.

5. The dictionary just created will be displayed in the list below the **Custom Dictionary** tab.

Note:

Different colors in a custom dictionary represent different blocking logics, where red represents "non-compliant", and orange represents "suspected".

Text library	Moderation sugges... ▼	Matching mode ▼	Associated policy
	Review	Exact matching	None
	Block	Exact matching	test_1
Total items: 2			

6. On the **Custom Dictionary** page, select the dictionary just created and click **Manage** in the **Operation** column to enter the dictionary management page.

Custom Library Management

Preset Text Library

Custom Text Library

Before using Text Moderation, please assign CMS with the required permissions to access your data in CAM.

Add a Text Library

Text library name

Text library	Moderation sugges...	Matching mode	Associated policy	Last modified	On/Off	Operation
	Block	Exact matching	None		Enabled	<div>Manage</div> <div>Edit</div> <div>De</div>

- On the dictionary management page, click **Add Sample** to pop up the **Add Sample** window.
- In the **Add Sample** pop-up window, select the handling suggestion, enter keywords, and click **OK**.

Add Samples

Moderation suggestion *

Please select a content category ▼

Keyword *

Press 'Enter' key to separate multiple keywords in newlines. Up to 500 keywords can be submitted at a time

1. One keyword per line; up to 100 chars per keyword

2. Paste multiple keywords (up to 500) to add them in a batch

3. You can add up to 2,000 keywords to the library.

OK

Cancel

Parameter description:

Parameter	Description
Handling Suggestion	Violation type that corresponds to the recognition model.
Keyword	Keywords are separated by line breaks, and each keyword can contain up to 20 letters. You can add up to 500 keywords at a time. You can add up to 2,000 keywords in total.

Note:

After configuring the custom dictionary, you can associate it with the policy created in [Step 4. Configure a policy](#).

Step 6. Try out the service

After completing the above steps, you can select the created moderation policy and moderate text to try out the TMS service.

Prerequisites

You already have a Tencent Cloud root account or sub-account.

The logged-in account already has the read/write permissions of TMS.

The logged-in account has activated TMS.

Directions

1. Log in to the [CMS console](#) and select **TMS > Demo** on the left sidebar to enter the **Demo** page.
2. On the **Demo** page, select the desired moderation policy and enter the text to be moderated.

Note:

The text must meet the following requirements:

Text Content Size: the text length cannot exceed 10,000, calculated based on Unicode encoding.

Supported Language: Chinese.

3. Click **Moderate Now**, and the moderation result of the text will be displayed below the moderated content.

The screenshot shows the 'Demo' page of the Tencent Cloud Text Moderation System (TMS). At the top, there is a 'Policy' dropdown menu with an information icon and the selected policy 'test_01'. Below this is a large text area labeled 'Content for moderation' which contains some placeholder text. At the bottom right of this text area, it says '589 more character(s) can be entered'. At the bottom of the form, there are two buttons: 'Moderate now' (highlighted with a red box) and 'Change a batch for detection'.

Step 7. Connect the service

To connect to TMS, you need to call APIs. For detailed directions, see [API Connection Guide](#).

Note:

Before calling APIs, you need to get the Tencent Cloud API access key in the following steps. Tencent Cloud uses `SecretId` and `SecretKey` to verify your identity and permissions.

Go to the [TencentCloud API key management](#) page, select **CAM > API Key Management** on the left sidebar, click **Create Key** to create a key, and save the `SecretId` and `SecretKey` for subsequent API calls.