

# **API Gateway**

## **Manage Service**

### **Product Documentation**



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# Manage Service

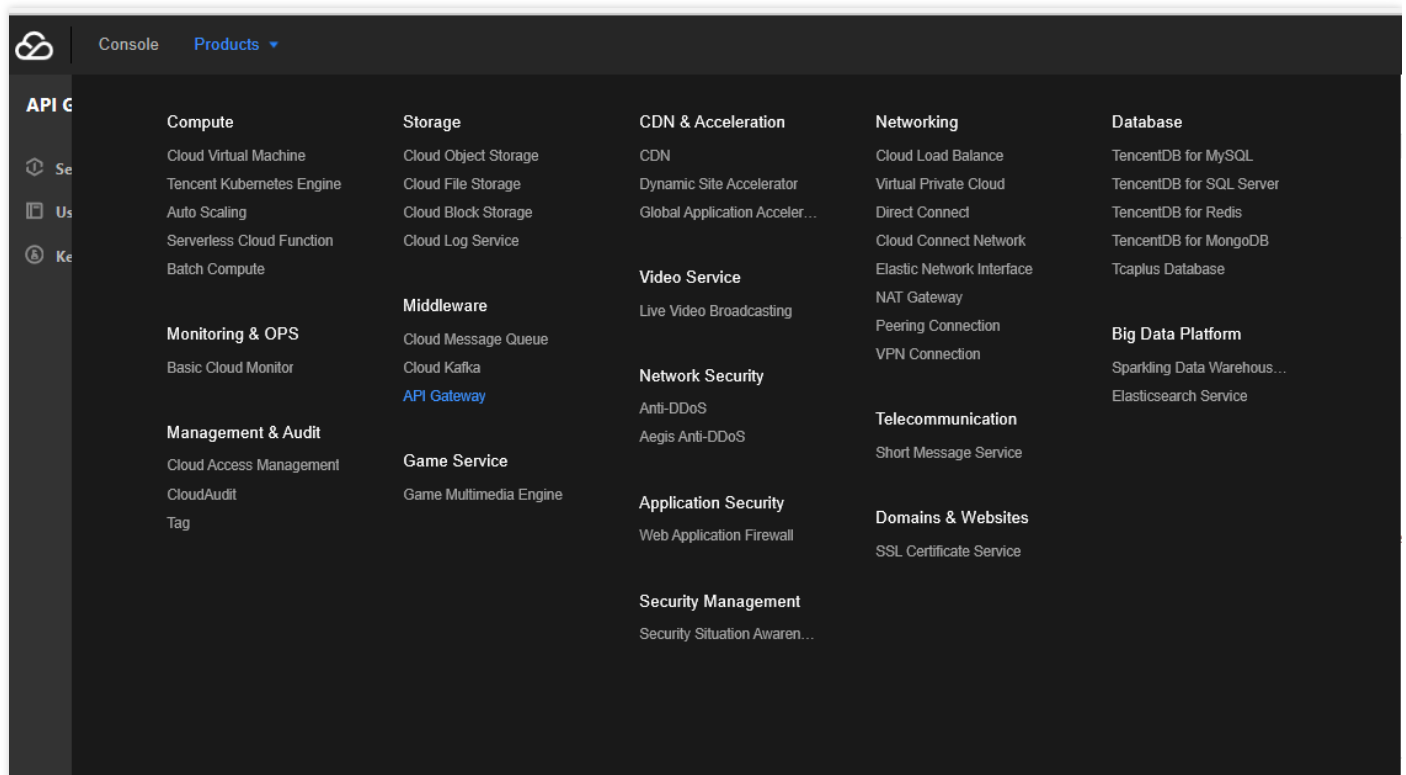
## Create Service

Last updated : 2019-11-29 17:58:46

Generally, some specific functions are implemented through a group of related APIs. The service management module of API gateway helps you manage a group of related APIs in an efficient and convenient way. You can create a service for several associated APIs. The following describes how to create a service in an API gateway.

Procedure:

1. Log in to [Tencent Cloud Console](#), and select **API Gateway**.



2. On the Service tab, select the current region, and click **New**.

The screenshot shows the Tencent Cloud API Gateway console. On the left is a sidebar with 'API Gateway' and a 'Service' tab selected. The main area is titled 'Service' and shows the 'Hong Kong(1)' region. A 'Create' button is at the top left. A search bar 'Enter ID/name' is at the top right. Below is a table with the following data:

Service Name	M...	Default domain name①	Frontend T...	Publishing Environ...	Notes	Operation
service-mxexhevi-ds32		service-mxexhevi-1253702919.ap-hongkong.apigateway.myqcloud.com	http	Publish : Unpublished Pre-release : Unpublis... Test : Unpublished		<a href="#">Publish</a> <a href="#">Edit</a> <a href="#">Delete</a>

At the bottom, it says 'Total: 1 item(s)' and 'Line per page 20' with pagination controls showing '1/1'.

Note: If you've reached the limit on the number of services in the current region, you cannot continue with the creation.

3. Enter the service name and remarks, and select the frontend type (HTTP, HTTPS, HTTP and HTTPS).

### Create Service ✕

Service Name

Up to 50 characters (including a-z, A-Z, 0-9, and \_)

Region

Hong Kong

Frontend Type

http

▼

Notes

Enter remarks

Submit

Disable

Note: A service name only contains a maximum of 50 characters comprised of a-z, A-Z, 0-9, and \_.

4. Click **Submit** to complete the service creation. And you can go to the API Management page to create an API.

**Created successfully**

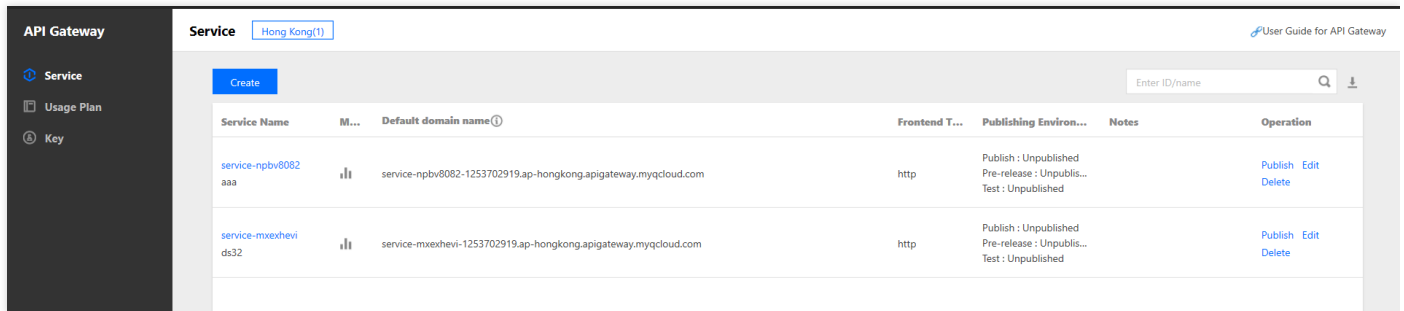
You can manage APIs on the service details page to complete the service configuration.

[API Configuration](#)[Cancel](#)

# Edit Service

Last updated : 2019-07-09 18:50:11

1. Select the service to be edited in the service list on the service tab, and click **Edit**.



2. Enter the editing contents and click **Finish**.

### Edit services

Service Name

aaa

Up to 50 characters (including a-z, A-Z, 0-9, and \_)

Region

Hong Kong

Frontend Type

http

Notes

Enter remarks

Submit

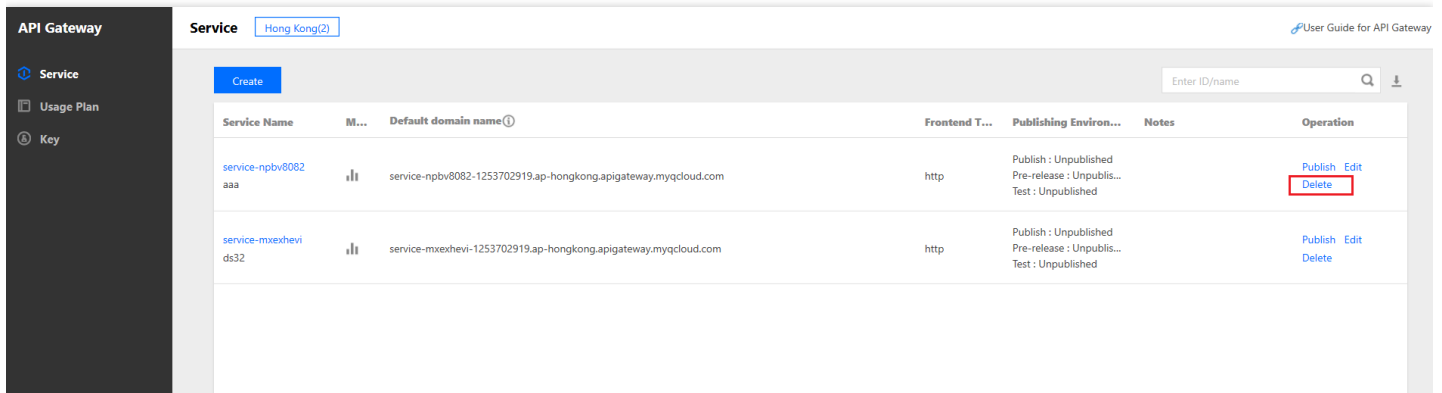
Disable



# Delete Service

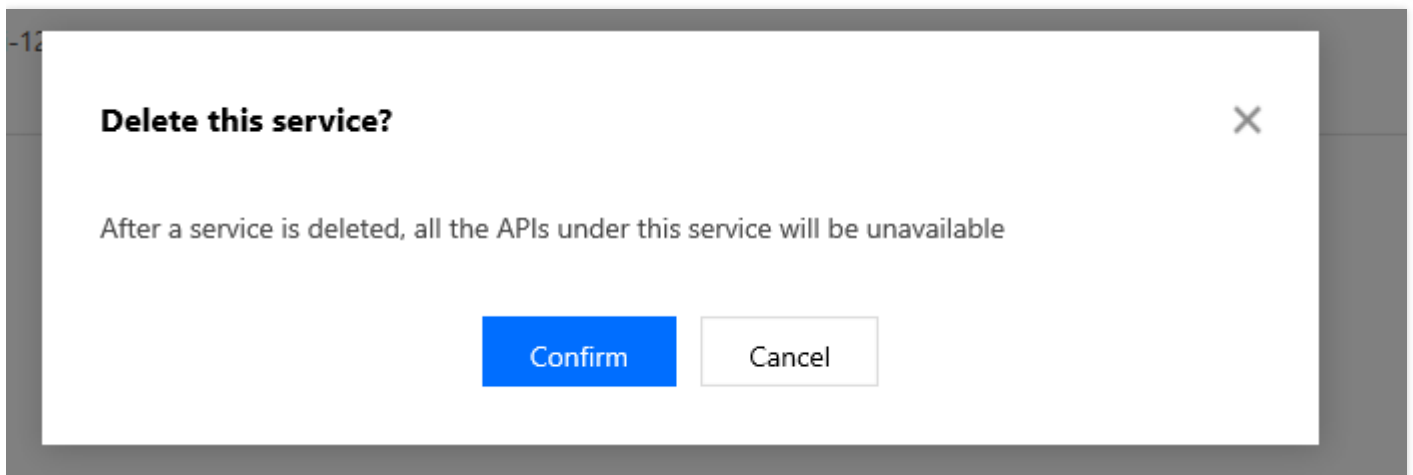
Last updated : 2019-07-09 18:51:23

In the service tab, select the task to be deleted. Click **Delete** on the far right. Then click **Confirm to delete** in the pop-up box to delete the service.



The screenshot shows the 'Service' tab in the API Gateway console. The left sidebar contains 'API Gateway', 'Service', 'Usage Plan', and 'Key'. The main area shows a table of services for 'Hong Kong(2)'. The table has columns: Service Name, M..., Default domain name①, Frontend T..., Publishing Environ..., Notes, and Operation. Two services are listed: 'service-npbv8082aaa' and 'service-mxexhevi-ds32'. The 'Delete' link in the 'Operation' column for the first service is highlighted with a red box.

Service Name	M...	Default domain name①	Frontend T...	Publishing Environ...	Notes	Operation
service-npbv8082aaa		service-npbv8082-1253702919.ap-hongkong.apigateway.myqcloud.com	http	Publish : Unpublished Pre-release : Unpublis... Test : Unpublished		Publish Edit <b>Delete</b>
service-mxexhevi-ds32		service-mxexhevi-1253702919.ap-hongkong.apigateway.myqcloud.com	http	Publish : Unpublished Pre-release : Unpublis... Test : Unpublished		Publish Edit Delete



The screenshot shows a confirmation dialog box titled 'Delete this service?'. The text inside says: 'After a service is deleted, all the APIs under this service will be unavailable'. At the bottom, there are two buttons: 'Confirm' (blue) and 'Cancel' (white with a grey border).

Note: If an API still exists in the service, the service cannot be deleted before it is removed. In addition, if there is an activated environment, the service cannot be deleted directly.

# Service Domain Name

Last updated : 2018-09-27 11:52:31

After a service is created, the sub-domain name, which is used to access the service, can be obtained from the service details. The sub-domain name of the service contains information of the region, user ID and service name, with the format `http://{your-unique-id}.{region}.apigateway.myqcloud.com`. The API gateway service has also enabled the SSL certificate of wildcard domain name, so the sub-domain name of the service can be accessed through the HTTPS protocol. The access address is as follows:

`https://{your-unique-id}.{region}.apigateway.myqcloud.com`

Examples:

**service-rnkc5qj2-251000691.ap-guangzhou.apigateway.myqcloud.com**

# Independent Domain Name and Certificate

Last updated : 2019-07-09 18:52:26

You can bind your independent domain name to a service using the domain binding function, so that the service can be provided by your own independent domain name. Perform the steps below:

1. Make sure your independent domain name has obtained the ICP license.
2. Configure CNAME resolution of the independent domain name to the sub-domain name provided by the service. Click **New** button on the custom domain name page. Enter the configuration information, and click **Confirm**.

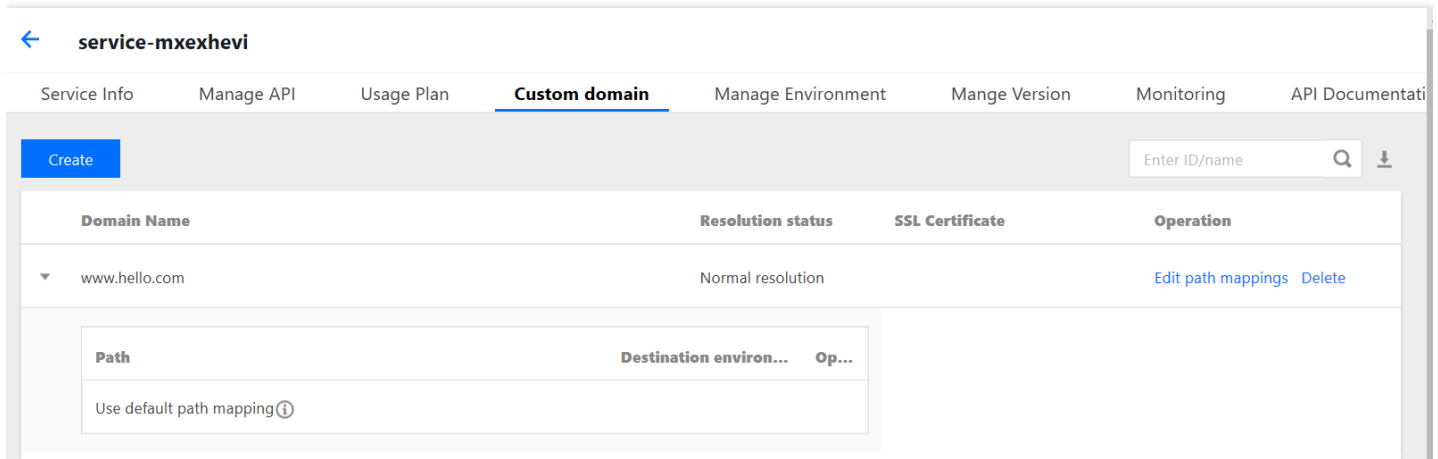
The screenshot shows the 'Add custom domain name' dialog box in the Tencent Cloud API Gateway console. The dialog is titled 'Add custom domain name' and has a close button (X) in the top right corner. Inside the dialog, there is a blue information box with the following text: 'Please make sure that the domain name to be bound has been resolved and configured, and pointed to the second-level domain name of the service. Second-level domain name: service-mxexhevi-1253702919.ap-hongkong.apigateway.myqcloud.com'. Below this box, the 'Service' is set to 'ds32'. The 'Domain Name' field is empty with a placeholder 'Enter a domain'. The 'Protocol' is set to 'http' with a dropdown arrow. The 'Path mapping' section has two options: 'Default path mapping' (selected with a radio button) and 'Custom path mappings' (unselected). At the bottom of the dialog are two buttons: 'Submit' (blue) and 'Disable' (white).

If you need the https protocol which supports the independent domain name, submit the SSL certificate of the domain name. The certificate can be uploaded as a file, or it can be submitted by filling in the certificate name, content and private key.

3. After the CNAME resolution is configured, configure to bind the independent domain name in the service. Make sure the CNAME resolution is configured before the binding.
4. If you want to unbind, delete the bound independent domain name in the service first, and then delete the CNAME of the independent domain name.

## Path Mapping of a Custom Domain Name

To configure the mapping, you can use the default path mapping for the custom domain name. Then the URL path is "custom domain name/environment". For example, `www.yingxiong.com/release` points to the publishing environment; `www.yingxiong.com/prepub` points to the pre-publishing environment; `www.yingxiong.com/test` points to the test environment.



You can also configure your custom domain name. The URL of the custom path is "custom domain name/custom path", and the URL points to the mapped environment. For example, if the configured path is `/mypath`, the environment is publishing environment, the URL in this environment is `www.yingxiong.com/mypath`. If you want to use the root path, configure the path as `"/`.

When using custom path mapping, the default path mapping is not effective, that is, the custom domain name/environment name is not effective either.

The custom and default path mapping can still be edited after the configuration.

[←](#) **service-mxexhevi**

[Service Info](#) [Manage API](#) [Usage Plan](#) [Custom domain](#) [Manage Environment](#) [Mange Version](#) [Monitoring](#) [API Documentat](#)

[Create](#)  [Q](#) [↓](#)

Domain Name	Resolution status	SSL Certificate	Operation												
▼ www.hello.com	Normal resolution		<a href="#">Edit path mappings</a> <a href="#">Delete</a>												
<table><thead><tr><th>Path</th><th>Destination environ...</th><th>Op...</th></tr></thead><tbody><tr><td>/pre</td><td>Pre-release</td><td><a href="#">Delete</a></td></tr><tr><td>/</td><td>Publish</td><td><a href="#">Delete</a></td></tr><tr><td>/mypath</td><td>Test</td><td><a href="#">Delete</a></td></tr></tbody></table>				Path	Destination environ...	Op...	/pre	Pre-release	<a href="#">Delete</a>	/	Publish	<a href="#">Delete</a>	/mypath	Test	<a href="#">Delete</a>
Path	Destination environ...	Op...													
/pre	Pre-release	<a href="#">Delete</a>													
/	Publish	<a href="#">Delete</a>													
/mypath	Test	<a href="#">Delete</a>													

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