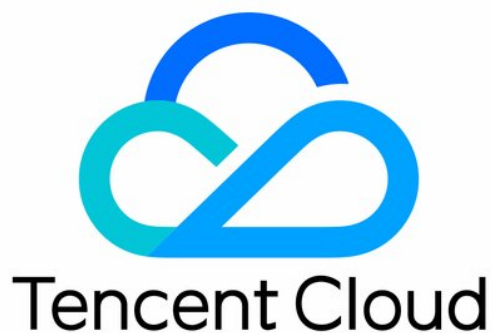


# Usage Plan Product Introduction



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# Usage Plan Overview

Last updated : 2018-09-27 15:10:29

After a service is published, you can use API Gateway usage plans for verification and control of traffic, quota, and users, as well as provision of permissions and controls to API users in a simple and easy manner.

A usage plan adjusts and controls the following:

- Verification and security control
- Traffic control

A usage plan takes effect by binding to a service's environment.

An environment of a service can bind multiple usage plans, and a usage plan can also bind environments of multiple services.

**Note:** Two or more usage plans bound to the same key cannot be bound to the same environment of the same service. Similarly, if two or more usage plans are bound to the same environment of the same service, they cannot be bound to the same key.

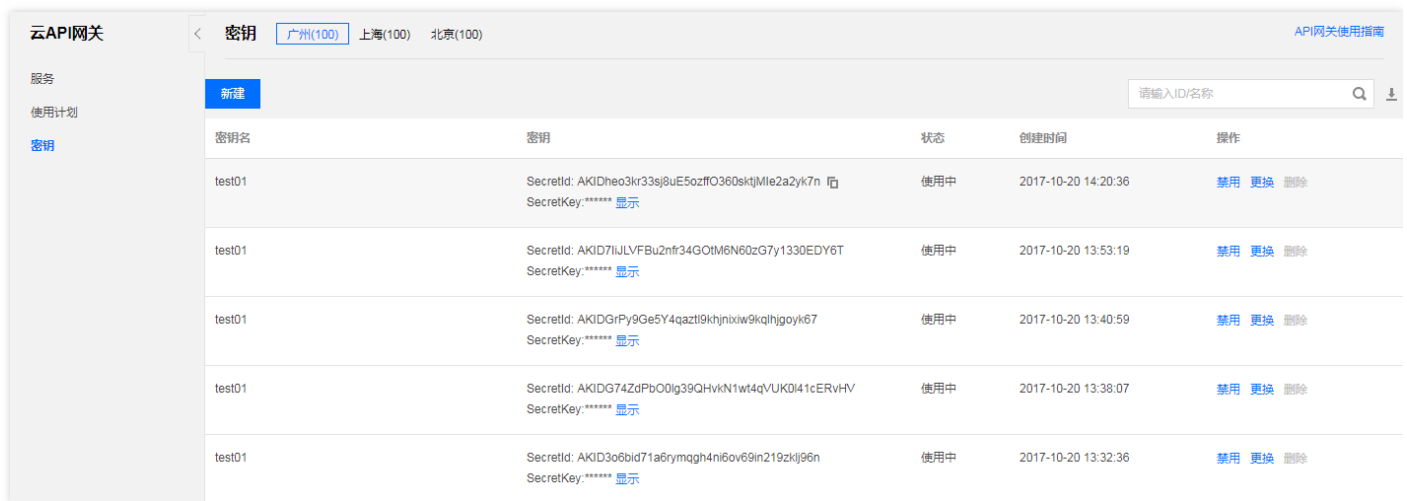
# Examples

Last updated : 2018-09-27 15:11:11

The following describes how to configure and provide a usage plan for a specific user:

1. Create a service. Create and configure an API to make it effective and responsive.
2. Publish the service to an environment, such as "release".
3. Create a pair of secret\_id + secret\_key.

(1) Go to the Key tab, and click **New**.



密钥名	密钥	状态	创建时间	操作
test01	SecretId: AKIDheo3kr33sj8uE5ozffO360sktjMle2a2yk7n SecretKey:***** 显示	使用中	2017-10-20 14:20:36	禁用 更换 删除
test01	SecretId: AKID7iJLVFBu2nfr34GOIM6N60zG7y1330EDY6T SecretKey:***** 显示	使用中	2017-10-20 13:53:19	禁用 更换 删除
test01	SecretId: AKIDGrPy9Ge5Y4qaztl9khjxiw9qlhgoyk67 SecretKey:***** 显示	使用中	2017-10-20 13:40:59	禁用 更换 删除
test01	SecretId: AKIDG74ZdPbO0lg39QHvkN1wt4qVUKDl41cERvHV SecretKey:***** 显示	使用中	2017-10-20 13:38:07	禁用 更换 删除
test01	SecretId: AKID3o6bid71a6rymqgh4nl6ov69in219zklj96n SecretKey:***** 显示	使用中	2017-10-20 13:32:36	禁用 更换 删除

(2) Enter the key name, and click **Submit**.



**新建密钥**

为了您的服务安全,请定期更换密钥。

密钥名

最长50个字符, 支持 a-z, A-Z, 0-9, \_

4. Create a usage plan.

(1) Go to the Usage Plan tab, and click **New**.

云API网关 服务 使用计划 密钥	< 使用计划 广州(132) 上海(132) 北京(132) <span>API网关</span>				
	新建 <input type="text" value="请输入ID/名称"/>				
	ID/使用计划名	每秒最大请求数	备注	创建时间	操作
	usagePlan-kgf82zcd testuseplan	1000次	-	2017-10-24 13:33:18	<a href="#">编辑</a> <a href="#">删除</a>
	usagePlan-930w0tj5 jackeyTTestUAseppanf	100次	-	2017-10-24 12:38:22	<a href="#">编辑</a> <a href="#">删除</a>
	usagePlan-lrpvj1jd _hackjey_s	1000次	-	2017-10-24 12:37:31	<a href="#">编辑</a> <a href="#">删除</a>
	usagePlan-k1k9isel testuseplan	1000次	-	2017-10-24 12:18:18	<a href="#">编辑</a> <a href="#">删除</a>

(2) Edit the usage plan, and click **Finish**.

< 新建使用计划

使用计划名

最长50个字符，支持 a-z，A-Z，0-9，\_

所属地域

广州

每秒最大请求数

次

请求数范围：1 - 2,000次

备注

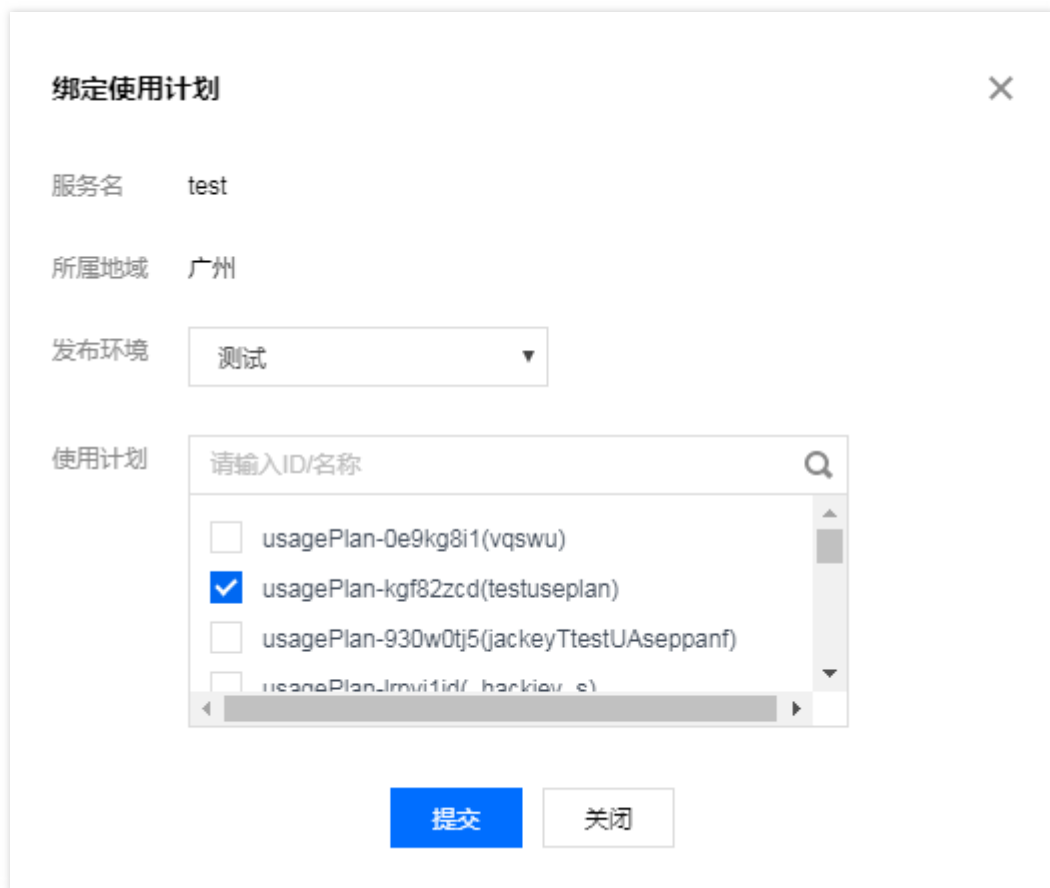
完成

5. Bind the usage plan to a service environment.

(1) Select the service just created on the Service page, and then go to the Usage Plan tab and click **Bind**.



(2) Enter the release environment to be bound to, select the usage plan to be bound, and click **Submit**.



6. After the steps above are completed, you can provide the `secret_id` + `secret_key` created in Step 3 to end users. End users can obtain the verification using the `secret_id` + `secret_key`, and then access the API published in the service via the secondary domain name of the service or by binding a private domain name.