

Tag

Product Introduction



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Product Introduction

Overview

Last updated: 2024-10-17 17:14:54

What Is Tencent Cloud Tag?

Tencent Cloud Tag is a cloud resource management tool that allows you to use different standards to categorize, search for, and aggregate cloud resources having the same attributes.

A tag consists of a tag key and tag value. You can create a tag and bind it to your cloud resources. A tag key can have multiple tag values, and a key-value pair can be bound to multiple resources.

Tag Product Advantages

Tag is Tencent Cloud's main tool for cloud resource management. Its strengths include:

- Tencent Cloud offers a unified and straightforward console through which you can query and manage all tagged cloud resources.
- You can tag resources and delete, modify and query tags via the Tag console, the consoles of other Tencent Cloud services, or tag APIs.
- You can categorize your resources by different standards using tags. You can also grant access to resources and distribute cost by tag.

How to Use Tags?

Tencent Cloud offers the following methods for you to configure and manage tags:

- **Console:** Tencent Cloud provides the [Tag Console](#) for configuring and managing tags and resources.
- **API:** Tencent Cloud also provides an API interface to facilitate your management of Tags and resources. For API instructions, please refer to [API Overview](#).

Concepts

Before using Tag, you also need to understand the following concepts:

| Concept | Description |
|-----------------------|---|
| Tag | Cloud Resource Management Tool, consisting of a key-value pair (Key: Value), including Tag Key (Key), Tag Value (Value). |
| Tencent Cloud service | Tagging-enabled Tencent Cloud services, including CVM, COS, CLB, etc. |
| Resource Type | Tagging-enabled Tencent Cloud resources. For example, under CVM, there are three types of resources: CVM instances, cloud disks, and SSH keys. |
| Region | The region where a physical data center is located. Different regions use networks independent of each other. |
| Total tag count | The total number of tags refers to the sum of the tag quantities of a resource, that is, the total number of times a resource has been labeled. |
| Resource count | The Resource Count refers to the sum of the quantities of resources contained under a certain Tag. |

Product Features

Last updated: 2024-10-17 17:15:34

You can manage tags and resources in the Tag console or using tag APIs.

Tag Console – Resource Tag

On the [Resource Tag](#) page, you can view the tags bound to each resource and flexibly bind and unbind tags for resources. Specifically, you can:

- Supports querying resources by region, resource type, Tag, and portfolio.
- Supports fuzzy query of multiple Tag key-values.
- Supports viewing the total number of resource Tags.
- Supports batch editing of resources.
- Supports exporting resource data from Definition.

Tag Console – Tag List

On the [Tag List](#) page, you can view the resources a tag is bound to as well as bind tags to and unbind tags from resources. Specifically, you can:

- Supports batch creation, delete Tag.
- Supports viewing the quantity of resources under a Tag.
- Supports viewing resources bound to Tag.
- Supports binding and unbinding resources for Tag.
- Supports exporting all or filtered Tag key-values (up to 50,000 can be exported at a time)

Tag APIs

In addition to the visible console, you can also use [Tag APIs](#) to perform CRUD operations on tags as well as bind tags to and unbind tags from resources.

- You can search for tag APIs in [API Category](#) and use them in your program and application.
- You can also use API Explorer to call tag APIs online and generate SDKs in multiple languages.

Use Cases

Last updated: 2024-10-17 17:15:52

Tags mainly have the following use cases:

Managing Tencent Cloud resources

You can use Tag to mark and categorize your existing resources on Tencent Cloud. For detailed operations, see [Creating Tag and Binding Resources](#). You can query resources by region, resource type and tag through the tag console or tag API. The found resources will be displayed in the form of list. For detailed operations, see [Viewing Bound Resources](#).

Use Tag to control access to resources

By using the tagging service together with [CAM](#) (CAM), you can use Tag to achieve fine-grained permission management of cloud resources in a project.

Using Tag for Profit Sharing

You can tag resources based on the business department, project, region, etc., a resource belongs to and use Tencent Cloud's [Settlement Tag](#), [Bill Details](#) feature to distribute your cost.

Use Limits

Last updated: 2024-10-17 17:16:05

Quantity Limit

- A tag consists of 1 tag key and 1 tag value (tagKey:tagValue).
- Each resource can have 50 tags at most.
- For each resource, each tag key can have only 1 value.
- Tag keys cannot be created separately; they can only be created together with tag values (up to 10).
- The upper limit of tag keys is 1,000, and each tag key supports 1,000 tag values.

Naming Limits

| Tag key | Tag value |
|---|--|
| Tag keys starting with <code>qcs:</code> , <code>project:</code> , and <code>Project</code> are system reserved tag keys. The creation of system reserved tag keys is prohibited | - |
| In UTF-8, a tag key must be between 1 and 127 Unicode characters | In UTF-8, a tag value must be between 1 and 255 Unicode characters |
| Supports characters represented in UTF-8 format, spaces, digits, and special characters. It does not support a string that starts or ends with a space <ul style="list-style-type: none"> • English status supports: + - = . _ : / @ () [] , ; > < • Chinese status supports: + - = / @ () [] : | |
| Case-sensitive letters | |

Tag-enabled Services

Last updated: 2026-03-16 11:16:15

This document mainly lists the services and resources that support tags. You can click the service name to view detailed information about tags for each product.

ⓘ Notes:

- When a resource supports tags, it means the resource supports binding tags, and does not mean the resource supports tag-based authorization.
- Tag-based authorization means that the current service can manage permission policies through tags and CAM. For details, see [CAM](#).

Compute

| Service Name | Resources |
|---|---|
| CVM | <ul style="list-style-type: none"> • CVM instance • SSH Keys • Cloud Disk • Image • CVM Dedicated Host • Reservation instance • Snapshot |
| CPM | CPM instance |
| Batch Compute | <ul style="list-style-type: none"> • Compute environment • Task template • Job |
| Edge Computing Machine (ECM) | <ul style="list-style-type: none"> • Module • EIP • ENI • VPC • Subnet • Security Group • Cloud Load Balancer (CLB) • Instance |
| Auto Scaling | Scaling Groups |
| Tencent Cloud Automation Tools (TAT) | TAT commands |

 **Note**

CVMs support the use of Tags for both **Cloud GPU Service** and **FPGA Cloud Computing**.

Container

| Service Name | Resources |
|---|---|
| Tencent Kubernetes Engine (TKE) | Container Clusters |
| Tencent Container Registry (TCR) | <ul style="list-style-type: none"> • TCR instance • TCR namespace |
| Tencent Kubernetes Engine Distributed Cloud Center (TDCC) | <ul style="list-style-type: none"> • Distributed cloud cluster • Distributed cloud management cluster |
| Cloud Service for etcd | Cloud Service for etcd instance |

Storage

| Service Name | Resources |
|---------------------------------------|---|
| COS | Cloud Object Storage Bucket |
| CFS | <ul style="list-style-type: none"> • File system • File system snapshot • CFS resource package |
| Cloud HDFS | File system |
| Cloud Storage Gateway | Gateway instance |
| Cloud Infinite (CI) | Bucket |

Network

| Service Name | Resources |
|---------------------|---|
| CLB | <ul style="list-style-type: none"> • CLB Instance • Gateway Load Balancer (GWLB) instance |
| VPC | <ul style="list-style-type: none"> • VPC instance • Subnet • Route Table • VPN Gateway • ENI resources • Customer Gateway • Bandwidth package • Security Group • NAT Gateway • Flow Logs • Traffic mirroring • Direct connect gateway • EIP • Network ACL • Cloud Connect Network (CCN) • VPN Tunnel • Private NAT gateway • Shared traffic package |
| Direct Connect (DC) | <ul style="list-style-type: none"> • Connection • Dedicated tunnel • Dedicated tunnel for Internet access • Direct connect gateway |
| Global Access (GA) | GA instance |

CDN and Acceleration

| Service Name | Resources |
|--|--|
| Content Delivery Network (CDN) | Domain Name |
| Global Application Acceleration Platform (GAAP) | <ul style="list-style-type: none"> • Connection instance • Origin server instance • Connection group instance • GAAP domain name • Platform |
| Enterprise Content Delivery Network (ECDN) | Enterprise Content Delivery Network (ECDN) |

Relational Database

| Service Name | Resources |
|--|-----------------------------------|
| TencentDB for MySQL | TencentDB for MySQL |
| TencentDB for MariaDB | TencentDB for MariaDB instance |
| TencentDB for SQL Server | TencentDB for SQL Server instance |
| TencentDB for PostgreSQL (Tencent Cloud TCHouse-P) | PostgreSQL instance |
| Cloud Native Database TDSQL-C | TDSQL-C cluster |

Enterprise Distributed DBMS

| Service Name | Resources |
|--------------------------------------|--------------------------|
| TDSQL for MySQL | TDSQL for MySQL instance |
| TDSQL for PostgreSQL | CloudDB TBase Instance |
| TDSQL-H LibraDB | TDSQL-H LibraDB instance |

NoSQL Database

| Service Name | Resources |
|---|--|
| Cloud Redis (TencentDB for Redis) | TencentDB for Redis instance |
| TencentDB for MongoDB | MongoDB instance |
| TencentDB for CTSDB | Time Series InfluxDB instance |
| TencentDB for TcaplusDB | <ul style="list-style-type: none"> • Cluster • Table |
| TencentDB for KeeWiDB | KeeWiDB instance |
| NoSQL Database CKV | CKV instance |
| Tencent Cloud VectorDB | Tencent Cloud VectorDB instance |

Database SaaS Tool

| Service Name | Resources |
|---------------------------------------|---|
| Data Transfer Service | <ul style="list-style-type: none"> • Migration task • Subscription instance • Synchronization task |

Endpoint Security

| Service Name | Resources |
|---|--------------------------|
| Cloud Workload Protection Platform (CWPP) | Protection authorization |

Cloud Security

| Service Name | Resources |
|--|---|
| Cloud Firewall (CFW) | CFW resources |
| Cloud Security Integration Platform (CSIP) | <ul style="list-style-type: none"> • Cloud Security Center (CSC) order resources • CSC extended service resources |

Serverless

| Service Name | Resources |
|----------------|-----------|
| Cloud function | Function |

Cloud Communication

| Service Name | Resources |
|--|------------------|
| Instant Messaging (IM) | Chat application |
| Short Message Service | SMS application |
| Voice Message Service (VMS) | VMS application |

Internet of Things (IoT)

| Service Name | Resources |
|------------------------------|-----------|
| IoT Explorer | Device |
| Internet of Things (IoT) Hub | Device |

Video Services

| Service Name | Resources |
|--|--|
| Cloud Streaming Services (CSS) | <ul style="list-style-type: none"> Domain Name Live Video Caster (LVC) |
| Video on Demand (VOD) | Application |
| Tencent Real-Time Communication | TRTC application |

Middleware

| Service Name | Resources |
|---|---|
| TDMQ for CKafka | CKafka instance |
| TDMQ for CMQ | <ul style="list-style-type: none"> • Queue • Topic |
| API Gateway | <ul style="list-style-type: none"> • Service • Instance • Plugins • VPC upstream • Application • Usage plan • API documentation • Key |
| Tencent Service Framework (TSF) | <ul style="list-style-type: none"> • Certificate • Cluster • Namespace • Application |
| TDMQ for Pulsar | Cluster |
| TDMQ for RocketMQ | <ul style="list-style-type: none"> • RocketMQ instance • RocketMQ consumer group • RocketMQ topic |

Microservice Tool

| Service Name | Resources |
|--|---|
| Tencent Cloud Service Engine (TSE) | <ul style="list-style-type: none"> • TSE instance • Cloud Native Gateway instance |
| ServiceMesh | ServiceMesh |
| Tencent Cloud Elastic Microservice (TEM) | <ul style="list-style-type: none"> • Application • Environment |

Application Security

| Service Name | Resources |
|--------------------------------------|--|
| Web Application Firewall | Web Application Firewall |
| Binary software composition analysis | <ul style="list-style-type: none"> BSCA item BSCA resource package |

Data Security

| Service Name | Resources |
|---|---------------------------------|
| Data Shield | Bastion Host (traditional only) |
| Cloud Hardware Security Module | Encryption Device |
| Key Management Service (KMS) | User Key |
| Secrets Manager (SSM) | Credential |
| Cloud Access Security Broker (CASB) | CASB instance |

Edge Security

| Service Name | Resources |
|---------------------------|--------------------|
| Anti-DDoS | Anti-DDoS instance |

Big Data Platform

| Service Name | Resources |
|--|---|
| Elasticsearch Service | <ul style="list-style-type: none"> Elasticsearch Cluster Logstash instance |
| Elastic MapReduce | <ul style="list-style-type: none"> EMR instance EMR node |
| Tencent Cloud TCHouse-P | Cloud Data Warehouse cluster |
| Stream Compute Service (SCS) | <ul style="list-style-type: none"> SCS cluster SCS job |
| Data Lake Compute (DLC) | Data engine |
| Tencent Cloud TCHouse-C | Cloud Data Warehouse ClickHouse |
| Cloud Data Warehouse | Cloud Data Warehouse instance |
| Data Development and Governance Platform | <ul style="list-style-type: none"> Scheduling resource package Offline resource package Real-time resource package Product Version Data service resource package |
| Tencent Cloud TCHouse-D | Doris |

Voice Technology

| Service Name | Resources |
|--|--|
| Automatic Speech Recognition (ASR) | <ul style="list-style-type: none"> Self-learning model Hot words |

AI Platform Product

| Service Name | Resources |
|--|--|
| Tencent Cloud TI Platform TI-ONE | <ul style="list-style-type: none"> • Dataset • Task modeling • Resource group • Notebook • Model service group • Personal labeling task • Model • Automatic learning • Offline batch processing • Visual modeling • Visual modeling engineering • Algorithm • Model optimization task |

Blockchain

| Service Name | Resources |
|---|-----------------------------|
| Tencent Blockchain as a Service (TBaaS) | Blockchain network instance |

Cloud Communication and Enterprise Services

| Service Name | Resources |
|---|---|
| Trademark Registration | <ul style="list-style-type: none"> • Trademark registration • Trademark extension service |
| DNSPod | Domain Name |
| HTTPDNS (mobile domain name resolution) | HTTPDNS authorization code |

Mobile Services

| Service Name | Resource |
|--|------------------|
| Tencent Push Notification Service (TPNS) | TPNS application |

Game Services

| Service Name | Resources |
|--|-----------------|
| Mobile Game Online Battle Engine (MGOBE) | Games |
| Game Multimedia Engine (GME) | GME application |

Education Services

| Service Name | Resources |
|--------------------------------|-------------|
| Tencent Interactive Whiteboard | Application |

Cloud Resource Management

| Service Name | Resources |
|---|--|
| Cloud Access Management | <ul style="list-style-type: none"> User Role |

Monitoring and Operations

| Service Name | Resources |
|--|--|
| TCOP | <ul style="list-style-type: none"> Prometheus service Grafana instance Alarm policy Alarm notification |
| Real User Monitoring (RUM) | RUM instance |
| Application Performance Management (APM) | Application Performance Monitoring (APM) |
| EventBridge | <ul style="list-style-type: none"> EventBridge instance Event Rule instance |
| Chaotic Fault Generator | <ul style="list-style-type: none"> Task ID Experience library ID Action ID Drill plan ID Application ID |

Domain Names and Websites

| Service Name | Resources |
|-----------------|-----------------|
| SSL Certificate | SSL Certificate |

Data Processing and Analysis

| Service Name | Resources |
|-------------------------|--|
| Cloud Log Service (CLS) | <ul style="list-style-type: none"> • Log Topic • Logset • Server Group • Dashboard • Alarm policy • Notification Channel • DataSight Independent Console instance |

Edge Platform

| Service Name | Resources |
|-----------------------|--|
| GAAP | <ul style="list-style-type: none"> • Connection instance • Origin server instance • Connection group instance • GAAP domain name • Platform |
| Tencent Cloud EdgeOne | Site instance |

Others

| Service Name | Resources |
|---|--|
| TDSQL for MySQL TDStore Self-Developed Engine | Database instance |
| Location Based Services | <ul style="list-style-type: none">• Commercial license• Basic API traffic package• Basic API traffic monthly subscription• Advanced API traffic package• Advanced API traffic monthly subscription• Universal QPS• Address QPS |

Resource types that support Tag API

Last updated: 2024-10-17 17:16:41

This document mainly lists the products that support Tag. You can learn about the scope of supported products through this document. At the same time, when you use the Tag API interface, you need to use these fields: business type (`ServiceType`), resource prefix (`ResourcePrefix`), and resource description method (`ResourceId` , `ResourceIds.N`). See the following table. All tag APIs are listed in [API Overview](#) .

Products and Resource Types

The resource types supported by each product vary by region. The specific regions supported by the product shall prevail. In the resource description method below, only ap-beijing is taken as an example.

| Product name | Business Type | Chinese Name of resources | Resource Prefix | Resource Description Method |
|--------------------------|---------------|-------------------------------|-----------------|--|
| TencentDB for MySQL | cdb | Tencent DB for MySQL instance | instanceId | qcs::cdb:ap-beijing:uin/10000057****:instanceId/**** |
| Kubernetes Engine (TKE) | ccs | Container Cluster | cluster | qcs::ccs:ap-beijing:uin/10000057****:cluster/**** |
| CPM Physical server | bm | CPM Physical server instance | instance | qcs::bm:ap-beijing:uin/10000057****:instance/**** |
| Content Delivery Network | cdn | Domain name | domain | qcs::cdn::uin/10000057****:domain/**** |
| Web Application Firewall | waf | Web Application Firewall | waf | qcs::waf::uin/10000057****:waf/** |
| ES | es | Logstash instance | logstash | qcs::es:ap-beijing:uin/10000057****:logstash/**** |
| | | Elasticsearch Cluster | instance | qcs::es:ap-beijing:uin/10000057****:instance/**** |
| Data Shield | dasb | Bastion Host | instance | qcs::dasb:ap-beijing:uin/10000057****:instance/**** |
| | | Data security audit | instance | qcs::dasb:ap-beijing:uin/10000057****:instance/**** |
| Elastic MapReduce | emr | Elastic MapReduce Node | emr-vm | qcs::emr:ap-beijing:uin/10000057****:emr-vm/**** |

| | | | | |
|---------------------------------|----------|---|--------------|--|
| EMR Instance | emr | EMR Instance | emr-instance | qcs::emr:ap-beijing:uin/10000057****:emr-instance/**** |
| Distributed HTAP database TBase | tbase | CloudDB TBase Instance | instance | qcs::tbase:ap-beijing:uin/10000057****:instance/**** |
| Cloud File Storage | cfs | File System Snapshot | snap | qcs::cfs:ap-beijing:uin/10000057****:snap/**** |
| | | Cloud File Storage | filesystem | qcs::cfs:ap-beijing:uin/10000057****:filesystem/**** |
| | | CFS Resource Package | resource | qcs::cfs:ap-beijing:uin/10000057****:resource/**** |
| Timing database | ctsd | Temporal Data InfluxDB Edition instance | instance | qcs::ctsd:ap-beijing:uin/10000057****:instance/**** |
| Key Management Service (KMS) | kms | User Key | key | qcs::kms:ap-beijing:uin/10000057****:key/**** |
| TencentDB for MariaDB | maria db | CDB TDSQL MariaDB instance | instance | qcs::mariadb:ap-beijing:uin/10000057****:instance/**** |
| TDSQL for MySQL | dcdb | TDSQL for MySQL instance | instance | qcs::dcdb:ap-beijing:uin/10000057****:instance/**** |
| Tencent Real-Time Communication | trtc | TRTC Application | sdkappid | qcs::trtc::uin/10000057****:sdkappid/**** |

| | | | | |
|---------------------------------------|-------------|-----------------------|------------|---|
| Short Message Service | sms | SMS Application | app | qcs::sms::uin/10000057****:app/**** |
| Voice Message | vms | VMS application | app | qcs::vms::uin/10000057****:app/**** |
| IM | im | Chat Application | sdkappid | qcs::im::uin/10000057****:sdkappid/**** |
| Data Transmission Service | dts | Migration task | task | qcs::dts:ap-beijing:uin/10000057****:task/**** |
| | | Subscription instance | subscribed | qcs::dts:ap-beijing:uin/10000057****:subscribed/**** |
| | | Sync Task | syncTask | qcs::dts:ap-beijing:uin/10000057****:syncTask/**** |
| IoT Explorer | iotexplorer | Device | project | qcs::iotexplorer:ap-beijing:uin/10000057****:project/**** |
| | | IoT rule engine | rule | qcs::iotexplorer:ap-beijing:uin/10000057****:rule/**** |
| Internet of things | iotcloud | Device | ProductId | qcs::iotcloud:ap-beijing:uin/10000057****:ProductId/**** |
| CKafka | ckafka | CKafka instance | ckafkald | qcs::ckafka:ap-beijing:uin/10000057****:ckafkald/**** |
| Authentic Music Library Through Train | ame | Domain name | host | qcs::ame::uin/10000057****:host/**** |
| Speech recognition | asr | Hot Words | vocab | qcs::asr::uin/10000057****:vocab/**** |
| | | Self- | | |

| | | | | |
|-----------------------------------|----------|---|------------------|--|
| Recognition | | Open learning model | model | qcs::asr::uin/10000057****:model/**** |
| Tencent Cloud Blockchain service | tbaas | Tencent Cloud Blockchain TBaaS - Blockchain Network Instances | resource | qcs::tbaas:ap-beijing:uin/10000057****:resource/**** |
| Tencent Cloud services monitoring | monitor | Prometheus service | prom-instance | qcs::monitor:ap-beijing:uin/10000057****:prom-instance/**** |
| | | Grafana instance | grafana-instance | qcs::monitor:ap-beijing:uin/10000057****:grafana-instance/**** |
| | | Alarm Policy | cm-policy | qcs::monitor::uin/10000057****:cm-policy/**** |
| | | Alarm notification | cm-notice | qcs::monitor::uin/10000057****:cm-notice/**** |
| TencentDB for PostgreSQL | postgres | PostgreSQL instance | DBInstance | qcs::postgres:ap-beijing:uin/10000057****:DBInstance/**** |
| TPNS | tpns | Tencent Push Notification Service TPNS application | app | qcs::tpns:ap-beijing:uin/10000057****:app/**** |
| Data Access | csg | Gateway Instance | gateway | qcs::csg:ap-beijing:uin/10000057****:gateway/**** |

| | | | | |
|------------------------|----------|---------------------|--------------|--|
| TencentDB for MongoDB | mongodb | MongoDB instance | instance | qcs::mongodb:ap-beijing:uin/10000057****:instance/**** |
| Game Multimedia Engine | gme | GME application | bizid | qcs::gme::uin/10000057****:bizid/**** |
| BatchCompute | batch | Compute Environment | computeenv | qcs::batch:ap-beijing:uin/10000057****:computeenv/**** |
| | | Job | job | qcs::batch:ap-beijing:uin/10000057****:job/**** |
| | | Task Template | tasktemplate | qcs::batch:ap-beijing:uin/10000057****:tasktemplate/**** |
| CloudHSM | cloudhsm | Encryption Device | vsm | qcs::cloudhsm:ap-beijing:uin/10000057****:vsm/**** |
| CHDFS | chdfs | File System | filesystem | qcs::chdfs:ap-beijing:uin/10000057****:filesystem/**** |
| Video on Demand | vod | Subapplication | subAppId | qcs::vod::uin/10000057****:subAppId/**** |
| API Gateway | apigw | Service | service | qcs::apigw:ap-beijing:uin/10000057****:service/**** |
| | | Instance | instance | qcs::apigw:ap-beijing:uin/10000057****:instance/**** |
| | | Plugins | plugin | qcs::apigw:ap-beijing:uin/10000057****:plugin/**** |
| | | VPC Upstream | upstream | qcs::apigw:ap-beijing:uin/10000057****:upstream/**** |
| | | Application | apiApp | qcs::apigw:ap-beijing:uin/10000057****:apiApp/**** |

| | | | | |
|--------------------------------|---------|-------------------------|-----------|---|
| | | Key | secret | qcs::apigw:ap-beijing:uin/10000057****:secret/** ** |
| | | API Documentation | apiDoc | qcs::apigw:ap-beijing:uin/10000057****:apiDoc/** *** |
| | | Usage Plan | usagePlan | qcs::apigw:ap-beijing:uin/10000057****:usagePlan/** **** |
| Tencent Interactive Whiteboard | tiw | Application | sdkappid | qcs::tiw::uin/10000057****:sdkappid/** **** |
| SSM | ssm | Credentials | secret | qcs::ssm:ap-beijing:uin/10000057****:secret/** ** |
| SCS | oceanus | SCS Cluster | cluster | qcs::oceanus:ap-beijing:uin/10000057****:cluster/** *** |
| | | SCS Job | job | qcs::oceanus:ap-beijing:uin/10000057****:job/** **** |
| ECM | ecm | Module | module | qcs::ecm::uin/10000057****:module/** **** |
| | | Elastic Public IP (EIP) | eip | qcs::ecm::uin/10000057****:eip/** ** |
| | | ENI | eni | qcs::ecm::uin/10000057****:eni/** ** |
| | | Virtual Private Cloud | vpc | qcs::ecm::uin/10000057****:vpc/** *** |
| | | Subnet | subnet | qcs::ecm::uin/10000057****:subnet/** **** |
| | | Security Group | sg | qcs::ecm::uin/10000057****:sg/** ** |

| | | | | |
|------------------------------------|-----------|------------------------------------|---------------|---|
| | | CLB | lb | qcs::ecm::uin/10000057****:lb/**** |
| | | Instance | instance | qcs::ecm::uin/10000057****:instance/**** |
| TencentDB for SQL Server | sqlserver | Tencent DB for SQL Server instance | instance | qcs::sqlserver:ap-beijing:uin/10000057****:instance/**** |
| Serverless Cloud Function | scf | Function | namespace | qcs::scf:ap-beijing:uin/10000057****:namespace/**** |
| Cloud Data Warehouse ClickHouse | cdwch | Cloud Data Warehouse ClickHouse | cdwchInstance | qcs::cdwch:ap-beijing:uin/10000057****:cdwchInstance/**** |
| Trademark Registration | tr | Trademark Registration | tmr | qcs::tr::uin/10000057****:tmr/**** |
| | | Trademark Extended Services | tms | qcs::tr::uin/10000057****:tms/**** |
| SSL Certificate | ssl | SSL Certificate | certificate | qcs::ssl::uin/10000057****:certificate/**** |
| RUM | rum | RUM instance | Instance | qcs::rum::uin/10000057****:Instance/**** |
| Application performance monitoring | apm | Business system | apm-instance | qcs::apm:ap-beijing:uin/10000057****:apm-instance/**** |
| | | Certificates | resource | qcs::tsf:ap-beijing:uin/10000057****:resource/**** |

| | | | | |
|-------------------------------------|-------|--|----------------|--|
| TSF | tsf | Cluster | cluster | qcs::tsf:ap-beijing:uin/10000057****:cluster/**** |
| | | Namespace | namespace | qcs::tsf:ap-beijing:uin/10000057****:namespace/**** |
| | | Application | application | qcs::tsf:ap-beijing:uin/10000057****:application/**** |
| Enterprise Content Delivery Network | ecdn | Enterprise Content Delivery Network | domain | qcs::ecdn::uin/10000057****:domain/**** |
| Elastic Cache Redis | redis | Tencent DB for Redis instance | instance | qcs::redis:ap-beijing:uin/10000057****:instance/**** |
| CDWPG | cdwpg | Cloud Data Warehouse PostgreSQL instance | cdwpg-instance | qcs::cdwpg:ap-beijing:uin/10000057****:cdwpg-instance/**** |
| Cloud Load Balancer | clb | CLB Instance | clb | qcs::clb:ap-beijing:uin/10000057****:clb/**** |
| | | GWLB Instance | gwlb | qcs::clb:ap-beijing:uin/10000057****:gwlb/**** |
| TDMQ | tdmq | CMQ Queue | cmqueue | qcs::tdmq:ap-beijing:uin/10000057****:cmqueue/**** |
| | | CMQ Topic | cmqtopic | qcs::tdmq:ap-beijing:uin/10000057****:cmqtopic/**** |
| | | Cluster | cluster | qcs::tdmq:ap-beijing:uin/10000057****:cluster/**** |

| | | | | |
|---|---------|--|------------|--|
| Direct Connect | dc | Connection | dc | qcs::dc::uin/10000057****:dc/**** |
| | | Dedicated tunnel | dcx | qcs::dc::uin/10000057****:dcx/**** |
| | | Dedicated Tunnel for Internet Access | dcx | qcs::dc::uin/10000057****:dcx/**** |
| | | Direct Connect Gateway | dcg | qcs::dc::uin/10000057****:dcg/**** |
| TDSQL for MySQL version TDStore self-developed engine | tdmysql | Database Instance | instance | qcs::tdmysql:ap-beijing:uin/10000057****:instance/**** |
| Performance Testing Service | pts | Performance Testing Item | project | qcs::pts::uin/10000057****:project/**** |
| NoSQL database CKV | ckv | CKV instance | instanceId | qcs::ckv::uin/10000057****:instanceId/**** |
| TDCC | tdcc | Distributed Cloud Cluster | cluster | qcs::tdcc::uin/10000057****:cluster/**** |
| | | Distributed Cloud Management and Control Cluster | hub | qcs::tdcc::uin/10000057****:hub/**** |
| Global Access | ga | Global Access instance | ga | qcs::ga::uin/10000057****:ga/**** |

| | | Instance | | |
|-------------------------|-----------|-----------------------------|----------|---|
| Service mesh | tcm | Service mesh | mesh | qcs::tcm:ap-beijing:uin/10000057****:mesh/**** |
| Game Database TcaplusDB | tcaplusdb | Cluster | cluster | qcs::tcaplusdb:ap-beijing:uin/10000057****:cluster/**** |
| | | Table | table | qcs::tcaplusdb:ap-beijing:uin/10000057****:table/**** |
| Virtual Private Cloud | vpc | Network ACL | acl | qcs::vpc:ap-beijing:uin/10000057****:acl/**** |
| | | Private Network NAT Gateway | intranat | qcs::vpc:ap-beijing:uin/10000057****:intranat/**** |
| | | CCN Prepaid Bandwidth | fcr | qcs::vpc::uin/10000057****:fcr/**** |
| | | Shared traffic package | tfp | qcs::vpc:ap-beijing:uin/10000057****:tfp/**** |
| | | VPN Tunnel | vpn | qcs::vpc:ap-beijing:uin/10000057****:vpn/**** |
| | | Security Group | sg | qcs::vpc:ap-beijing:uin/10000057****:sg/**** |
| | | VPC instance | vpc | qcs::vpc:ap-beijing:uin/10000057****:vpc/**** |
| | | Subnet | subnet | qcs::vpc:ap-beijing:uin/10000057****:subnet/**** |
| | | Route Tables | rtb | qcs::vpc:ap-beijing:uin/10000057****:rtb/**** |
| | | VPN Gateway | vpngw | qcs::vpc:ap-beijing:uin/10000057****:vpngw/**** |

| | | | | |
|-----------------------|---------|------------------------|----------------------|---|
| | | ENI resources | eni | qcs::vpc:ap-beijing:uin/10000057****:eni/**** |
| | | Customer Gateway | cgw | qcs::vpc:ap-beijing:uin/10000057****:cgw/**** |
| | | EIP | eip | qcs::vpc:ap-beijing:uin/10000057****:eip/**** |
| | | Bandwidth package | bwp | qcs::vpc:ap-beijing:uin/10000057****:bwp/**** |
| | | Cloud Connect Network | ccn | qcs::vpc::uin/10000057****:ccn/** |
| | | NAT Gateway | nat | qcs::vpc:ap-beijing:uin/10000057****:nat/**** |
| | | Flow Logs | fl | qcs::vpc:ap-beijing:uin/10000057****:fl/**** |
| | | Traffic Mirroring | mirror | qcs::vpc:ap-beijing:uin/10000057****:mirror/** |
| | | Direct Connect Gateway | dcg | qcs::vpc:ap-beijing:uin/10000057****:dcg/**** |
| TencentDB for KeeWiDB | keewidb | KeeWiDB instance | instance | qcs::keewidb:ap-beijing:uin/10000057****:instance/**** |
| Auto Scaling | as | Scaling Groups | auto-scaling-group | qcs::as:ap-beijing:uin/10000057****:auto-scaling-group/**** |
| | | Launch Configuration | launch-configuration | qcs::as:ap-beijing:uin/10000057****:launch-configuration/**** |
| | | BSCA Item | analysis | qcs::bsca::uin/10000057****:analysis/**** |

| | | | | |
|------------------------------------|------------|------------------------------------|-----------------|---|
| BSCA | bsca | BSCA Resource Package | resourcepackage | qcs::bsca::uin/10000057****:resourcepackage/**** |
| Data Lake Compute | dlc | Data engine | dataengine | qcs::dlc:ap-beijing:uin/10000057****:dataengine/**** |
| Cloud-native ETCD | cetcd | Cloud-native etcd instance | instance | qcs::cetcd:ap-beijing:uin/10000057****:instance/**** |
| CAM | cam | User | uin | qcs::cam::uin/10000057****:uin/** |
| | | Roles | role | qcs::cam::uin/10000057****:role/** |
| Graph Database KonisGraph | konisgraph | Graph Database KonisGraph instance | instance | qcs::konisgraph:ap-beijing:uin/10000057****:instance/**** |
| Cloud Workload Protection Platform | cwp | Protection license | order | qcs::cwp::uin/10000057****:order/**** |
| Tencent container registry | tcr | TCR instance | instance | qcs::tcr:ap-beijing:uin/10000057****:instance/**** |
| | | TCR namespace | repository | qcs::tcr:ap-beijing:uin/10000057****:repository/**** |
| TDSQL-H LibraDB | tdach | TDSQL-H LibraDB instance | instance | qcs::tdach:ap-beijing:uin/10000057****:instance/**** |
| | | Channel Instance | proxy | qcs::gaap::uin/10000057****:proxy/**** |
| | | Origin | | |

| | | | | |
|--|---------|-----------------------------|------------|--|
| Global Application Acceleration Platform | gaap | Origin Server instance | realServer | qcs::gaap::uin/10000057****:realServer/**** |
| | | Channel Group instance | proxyGroup | qcs::gaap::uin/10000057****:proxyGroup/**** |
| | | GAAP Domain name | domain | qcs::gaap::uin/10000057****:domain/**** |
| | | Platform | platform | qcs::gaap::uin/10000057****:platform/**** |
| DDoS Mitigation | antidos | For Anti-DDoS instances: | antiddos | qcs::antiddos::uin/10000057****:antiddos/**** |
| Event Bus | eb | Event Bus instance | eventbusid | qcs::eb:ap-beijing:uin/10000057****:eventbusid/**** |
| | | Event Rule instance | ruleid | qcs::eb:ap-beijing:uin/10000057****:ruleid/**** |
| Cloud-native database TDSQL-C | cynosdb | TDSQL-C Cluster | instance | qcs::cynosdb:ap-beijing:uin/10000057****:instance/**** |
| GooseFS | goosefs | File System | filesystem | qcs::goosefs:ap-beijing:uin/10000057****:filesystem/**** |
| | | Service Cluster | cluster | qcs::goosefs:ap-beijing:uin/10000057****:cluster/**** |
| Edge SCDN Platform | teo | Site Instance | zone | qcs::teo::uin/10000057****:zone/**** |
| Cloud Access Security | casb | Cloud Access Security Proxy | CasbId | qcs::casb:ap-beijing:uin/10000057****:CasbId/**** |

| Agent | | PROXY instance | | |
|------------------------------------|----------|--------------------------------------|------------------|---|
| Cloud Infinite | ci | Bucket | bucket | qcs::ci:ap-beijing:uin/10000057****:bucket/**** |
| Tencent Cloud Carbon Engine | tan | Check instance | instance | qcs::tan::uin/10000057****:instance/**** |
| Tencent Cloud TCHouse-D | cdwdoris | Doris | cdwdorisinstance | qcs::cdwdoris:ap-beijing:uin/10000057****:cdwdorisInstance/**** |
| Tencent Cloud Elastic Microservice | tem | Application | application | qcs::tem::uin/10000057****:application/**** |
| | | Environment | environment | qcs::tem::uin/10000057****:environment/**** |
| HTTPDNS | httpdns | Mobile Resolution Authorization Code | httpdnsid | qcs::httpdns::uin/10000057****:httpdnsid/**** |
| Secure Cloud Phone | scp | Secure Cloud Phone resources | instance | qcs::scp::uin/10000057****:instance/**** |
| Chaos Drill Platform | cfg | Application ID | applicationid | qcs::cfg::uin/10000057****:applicationid/**** |
| | | Drill Plan ID | taskplanid | qcs::cfg:ap-beijing:uin/10000057****:taskplanid/**** |
| | | Action ID | actionid | qcs::cfg:ap-beijing:uin/10000057****:actionid/**** |
| | | Experience | templateid | qcs::cfg:ap-beijing:uin/10000057****:template |

| | | Library ID | id | id/**** |
|---|---------|--|----------|--|
| | | Task ID | taskid | qcs::cfg:ap-beijing:uin/10000057****:taskid/** ** |
| Secure Short Link | ssu | Secure Short Link resources | instance | qcs::ssu::uin/10000057****:instance/**** |
| File Multi-engine Determination Platform | vdc | File Multi-engine Determination Platform resources | instance | qcs::vdc:ap-beijing:uin/10000057****:instance/**** |
| LVB | live | Domain name | domain | qcs::live:ap-beijing:uin/10000057****:domain/** ** |
| | lvb | Broadcast Console | CasterId | qcs::lvb::uin/10000057****:CasterId/**** |
| TDMQ for RocketMQ | trocket | RocketMQ instance | instance | qcs::trocket:ap-beijing:uin/10000057****:instance/**** |
| Underground Industry Detection and Intelligence | uidai | Underground Industry Detection and Intelligence instance | instance | qcs::uidai::uin/10000057****:instance/**** |
| DNSPod | dnspod | Domain name | domain | qcs::dnspod::uin/10000057****:domain/**** |
| Tencent | | Tencent Cloud | | qcs::vdb:ap- |

| | | | | |
|-----------------------------------|----------|-------------------------------|------------------|---|
| Cloud VectorDB | vdb | VectorDB instance | instance | beijing:uin/10000057****:instance/**** |
| Tencent Cloud TAT | tat | TAT commands | command | qcs::tat:ap-beijing:uin/10000057****:command/**** |
| Cloud Data Warehouse | tchousex | Cloud Data Warehouse instance | tchousexinstance | qcs::tchousex:ap-beijing:uin/10000057****:tchousexInstance/**** |
| Tencent Cloud Microservice Engine | tse | Microservice Engine instance | instance | qcs::tse:ap-beijing:uin/10000057****:instance/**** |
| | | Cloud-native Gateway Instance | gateway | qcs::tse:ap-beijing:uin/10000057****:gateway/**** |
| Cloud Log Service | cls | Log Topic | topic | qcs::cls:ap-beijing:uin/10000057****:topic/**** |
| | | Logset | logset | qcs::cls:ap-beijing:uin/10000057****:logset/*** |
| | | Machine Group | machinegroup | qcs::cls:ap-beijing:uin/10000057****:machinegroup/**** |
| | | Dashboard | dashboard | qcs::cls::uin/10000057****:dashboard/**** |
| | | Alarm Policy | alarm | qcs::cls:ap-beijing:uin/10000057****:alarm/*** |
| | | Notification channel group | alarmNotice | qcs::cls:ap-beijing:uin/10000057****:alarmNotice/**** |
| | | DataSigh | | |



| | | | | |
|---|------|--|---------------------|---|
| | | t independ ence console instance | datasight | qcs::cls::uin/10000057****:datasi ght/**** |
| Cloud Firewall | cfw | CFW resource s | Resource | qcs::cfw::uin/10000057****:Resou rce/**** |
| Integrated Cloud Security Platform | csip | CSC Order Resourc es | OrderRes ource | qcs::csip::uin/10000057****:Order Resource/**** |
| | | CSC Expand Services resource s | ExtendRe source | qcs::csip::uin/10000057****:Exten dResource/**** |
| Media processing | mps | Media processi ng | vts | qcs::mps::uin/10000057****:vts/** ** |
| Cloud Virtual Machine | cvm | SSH | keypair | qcs::cvm:ap- beijing:uin/10000057****:keypair/* *** |
| | | Image | image | qcs::cvm:ap- beijing:uin/10000057****:image/** ** |
| | | CVM Dedicat ed Host | host | qcs::cvm:ap- beijing:uin/10000057****:host/**** |
| | | Pre- withholdi ng Package instance | preinsta ncepack | qcs::cvm:ap- beijing:uin/10000057****:preinst ancepack/**** |
| | | Cloud Disk | volume | qcs::cvm:ap- beijing:uin/10000057****:volume/* *** |
| | | ----- | | qcs::cvm:ap- |

| | | | | |
|--|---------|-------------------------------|-------------|--|
| | | CVM instance | instance | beijing:uin/10000057****:instance/**** |
| | | Snapshot | snapshot | qcs::cvm:ap-beijing:uin/10000057****:snapshot/**** |
| Data Development and Governance Platform | wedata | Schedule Resource Package | schedule | qcs::wedata:ap-beijing:uin/10000057****:schedule/**** |
| | | Offline Resource Package | offline | qcs::wedata:ap-beijing:uin/10000057****:offline/*** |
| | | Real-time Resource Package | realtime | qcs::wedata:ap-beijing:uin/10000057****:realtime/**** |
| | | Product Version | platform | qcs::wedata:ap-beijing:uin/10000057****:platform/**** |
| | | Data Service Resource Package | dataservice | qcs::wedata:ap-beijing:uin/10000057****:dataservice/**** |
| | | | | Retrieval Analysis Service Cluster |
| TDMQ CMQ | cmqueue | Queue | queueName | qcs::cmqueue:ap-beijing:uin/10000057****:queueName/**** |
| | | Topic | topicName | qcs::cmqueue:ap-beijing:uin/10000057****:topicName/**** |
| | | Dataset | dataset | qcs::tione:ap-beijing:uin/10000057****:dataset/* |

| | | | | |
|----------------------------------|------------|--------------------------|------------------------|--|
| Tencent Cloud TI Platform TI-ONE | tione | Dataset | dataset | beijing:uin/10000057****:dataset/**** |
| | | Task Modeling | trainingtask | qcs::tione:ap-beijing:uin/10000057****:trainingtask/**** |
| | | Resource Group | resourcegroup | qcs::tione:ap-beijing:uin/10000057****:resourcegroup/**** |
| | | Notebook | notebook | qcs::tione:ap-beijing:uin/10000057****:notebook/**** |
| | | Model Service Group | servicegroup | qcs::tione:ap-beijing:uin/10000057****:servicegroup/**** |
| | | Personal Annotation Task | personalannotationtask | qcs::tione:ap-beijing:uin/10000057****:personalannotationtask/**** |
| | | Model | model | qcs::tione:ap-beijing:uin/10000057****:model/** |
| | | Automatic Learning | automl | qcs::tione:ap-beijing:uin/10000057****:automl/** |
| | | Offline Batch Processing | batch | qcs::tione:ap-beijing:uin/10000057****:batch/** |
| | | Visualization Modeling | flowproject | qcs::tione:ap-beijing:uin/10000057****:flowproject/**** |
| | | Algorithm | algo | qcs::tione:ap-beijing:uin/10000057****:algo/**** |
| | | Model Optimization Task | modelactask | qcs::tione:ap-beijing:uin/10000057****:modelactask/**** |
| | Media Live | acs::mdl:ap- | | |

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|----------------------|-----|--|----------------|--|
| Media live streaming | mdl | Streaming Channel | channel | beijing:uin/10000057****:channel/**** |
| Basic map services | lbs | Business Authorization | lbs-license | qcs::lbs::uin/10000057****:lbs-license/**** |
| | | Basic Interface traffic packages | base-package | qcs::lbs::uin/10000057****:base-package/**** |
| | | Basic Interface traffic monthly package | base-monthly | qcs::lbs::uin/10000057****:base-monthly/**** |
| | | Advanced Interface traffic packages | senior-package | qcs::lbs::uin/10000057****:senior-package/**** |
| | | Advanced Interface traffic monthly package | senior-monthly | qcs::lbs::uin/10000057****:senior-monthly/**** |
| | | General QPS | universal-qps | qcs::lbs::uin/10000057****:universal-qps/**** |
| | | addresses QPS | search-qps | qcs::lbs::uin/10000057****:search-qps/**** |
| | | Matrix QPS | matrix-qps | qcs::lbs::uin/10000057****:matrix-qps/**** |

Special resource type

| Product name | Business Type | Chinese Name of resources | Resource Prefix | Resource Description Method |
|--------------|---------------|-----------------------------|-----------------|--|
| COS | cos | Cloud Object Storage Bucket | prefix | <ul style="list-style-type: none"> The first mode: the appid form of an account <ul style="list-style-type: none"> qcs::cos:\$region:uid/\$appid:prefix/\$bucketname Example: qcs::cos:ap-shanghai:uid/1301112223:prefix/examplebucket <ul style="list-style-type: none"> where uid is fixed and the actual value is <code>\$appid</code>: that is, User Unique Identifier. When a user accesses Tencent Cloud services, it can be obtained on the Account Center–Account Information page.  <ul style="list-style-type: none"> where <code>\$prefix</code>: is the resource type of the COS product, which is a fixed value where <code>\$bucketname</code>: is the bucket name. Users can define the bucket name when creating a bucket. (When using Six-Segment Resource Description, the resource ID is the user-defined bucket name, i.e., examplebucket, without adding -appid) For example, if the user-defined bucket is examplebucket and the user's appid is 1301112223, as shown below:  <ul style="list-style-type: none"> The second mode: the AppID form of an item <ul style="list-style-type: none"> qcs::cos:\$region:uid/\$project's AppID:prefix/\$bucketname |

- Example: `qcs::cos:ap-shanghai:uid/$project's AppID:prefix/examplebucket`
 - where `uid` is fixed and the actual value is `$project's AppID`.
 - where `$prefix` : is the resource type of the COS product, which is a fixed value.
 - where `$bucketname : $bucketname` is the bucket name defined by the user when creating a bucket. `$project's AppID` **differs from the appid of user account**. It represents the unique AppID generated by COS when accessing COS service to create a space, which can be queried by clicking the corresponding bucket name in the bucket list of [COS console](#). It only exists in a small number of COS very early customers and is usually 8 digits.

