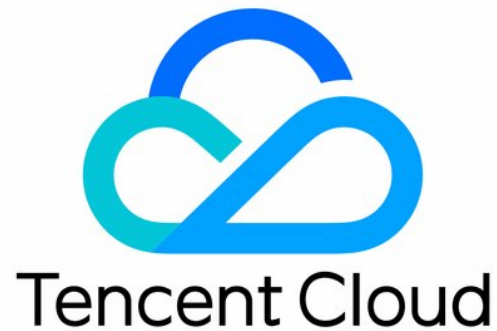


Tag

Product Introduction Product Documentation



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Product Overview

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Overview

With the development of science and technology, the number and type of resources have also increased, and the classification of useful resources has helped to improve work efficiency, so more and more people like to use tags to organize their own resource files. Tags can be sorted by factors such as keywords and similarity of content to allow easy search and locating in the future. This makes tag management development increasingly important.

The increasing quantity of resources created by Tencent Cloud users poses higher requirements for resources management. Tencent Cloud provides Tag service to allow users to query and manage resources quickly and efficiently. With Tag service, users can classify and manage existing Tencent Cloud resources and perform resource planning by using preset tags. Tags are words or phrases that act as metadata to identify and organize Tencent Cloud resources. The tag limit varies with the resource, but most resources can have up to 50 tags.

One tag can be applied to multiple resources, and one resource can have multiple tags.

Procedure

1. [Register](#) and log in to your Tencent Cloud account, and then enter the Tag Console.
2. You can perform the following two operations in the Tag Console:
 - Associate existing resources with tags and create a list of existing resources.
 - Create a tag key list.

Product Features

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This document describes the features that the Tencent Cloud Tag service provides.

Managing Resources

The Tag service allows you to tag your resources on Tencent Cloud. You can define tag keys and tag values for resources based on your business needs to implement the classification management of resources. You can query resources based on their regions, types, instances, tag keys, and tag values. The queried resources are displayed in a list. In addition, you can add tags to or delete tags from resources based on your business needs.

Granting operation permissions on resources by tag

You can customize a tag policy to grant operation permissions on your resources to sub-users or user groups by tag. Based on the tag policy, sub-users or user groups are authorized to perform specified operations on the resources under the specified tags.

Generating bills by tag

You can generate bills for the costs of your resource usage based on specified tags. These tags are called cost allocation tags. Tags consist of tag keys and tag values. A tag key can have one or more tag values.

- Each tag key that is specified as a cost allocation tag is displayed as an additional column in your bill. The value of a tag key column in each row of a bill is the same as the tag value that you set for the corresponding resource under the tag key. You can also use cost allocation tags to filter and break down bills.
- Tag keys that are not specified as cost allocation tags are not displayed your bill.

For more information, please see [Cost Allocation Tags](#).

Use Limits

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Use Restrictions

- Each resource supports up to 50 tag keys.
- Each resource can be associated with one tag value of a tag key at a time.
- Each user can create up to 1,000 tag keys.
- Each tag key can have up to 1,000 tag values.

Naming Conventions

Item	Tag Key	Tag Value
Naming conventions	Tag keys starting with qcs: or project: are system reserved tag keys. Do not use these prefixes when you create a tag key.	-
	In UTF-8, a tag key must be 1 to 127 Unicode characters.	In UTF-8, a tag value must be 1 to 255 Unicode characters.
	You can use UTF-8-encoded characters, digits, spaces, and special characters (+ = . _ : / @ () [] ()) to name a tag key or value.	
	The names are case-sensitive.	

Services That Support Tag

Last updated : 2021-01-29 15:36:42

Computation

Service	Resource
Cloud Virtual Machine (CVM)	<ul style="list-style-type: none">• CVM instance• SSH key
BatchCompute	<ul style="list-style-type: none">• Compute environment• Task template• Job

Note :

¹ For CVM, [GPU Cloud Computing \(GCC\)](#) and [CVM Dedicated Host \(CDH\)](#) support tags.

Container

Service	Resource
Tencent Kubernetes Engine (TKE)	TKE cluster

Storage

Service	Resource
Cloud Object Storage (COS)	Bucket
Cloud File Storage (CFS)	File system
Cloud Block Storage (CBS)	CBS instance

Networking

Service	Resource
Cloud Load Balancer (CLB)	CLB instance
Virtual Private Cloud (VPC) ¹	<ul style="list-style-type: none"> • VPC instance • Subnet • Route table • VPN Gateway • Elastic Network Interface (ENI) resource • Peer gateway • Elastic IP (EIP) • Bandwidth Package (BWP) • Security group • Cloud Connect Network (CCN) • NAT Gateway • Flow Logs • Traffic mirror • Direct Connect gateway
Direct Connect (DC)	<ul style="list-style-type: none"> • Connection • Dedicated tunnel • Dedicated internet tunnel • Direct Connect gateway

Note :

¹ In VPC, [Elastic Network Interface \(ENI\)](#), [NAT Gateway](#), [Peering Connection](#), [VPN Connections](#), [Flow Logs \(FL\)](#), [Anycast Internet Acceleration \(AIA\)](#), [Cloud Connect Network \(CCN\)](#), and [Bandwidth Package \(BWP\)](#) support tags.

CDN and Acceleration

Service	Resource
Content Delivery Network (CDN)	Domain name
Global Application Acceleration Platform (GAAP)	<ul style="list-style-type: none"> • Connection • Connection group • Origin server

Database

Service	Resource
TencentDB for MySQL	TencentDB for MySQL instance
TencentDB for CynosDB	CynosDB cluster
TencentDB for MariaDB	TencentDB for MariaDB instance
TDSQL for MySQL	TDSQL for MySQL instance
TencentDB for MongoDB	TencentDB for MongoDB instance
TcaplusDB	<ul style="list-style-type: none"> Cluster Table
Data Transmission Service (DTS)	<ul style="list-style-type: none"> Migration task Subscription instance

Serverless

Service	Resource
Serverless Cloud Function (SCF)	Function

Cloud Communication

Service	Resource
Instant Messaging (IM)	IM application
Short Message Service (SMS)	SMS application

Video Services

Service	Resource
Live Video Broadcasting	<ul style="list-style-type: none"> Domain name

	<ul style="list-style-type: none"> • Live director
Video on Demand	subAppId
Tencent Real-Time Communication	TRTC Apps

Middleware

Service	Resource
Cloud Kafka (CKafka)	CKafka instance
Cloud Message Queue (CMQ)	<ul style="list-style-type: none"> • Queue • Topic
API Gateway	Service

Network Security

Service	Resource
Anti-DDoS Basic	<ul style="list-style-type: none"> • Multi-IP instance • Anti-DDoS Advanced

Application Security

Service	Resource
Web Application Firewall (WAF)	WAF

Data Security

Service	Resource
Key Management Service (KMS)	Customer managed CMK
Secrets Manager	Credential

Big Data Platform

Service	Resource
Elasticsearch Service (ES)	ES cluster
Elastic MapReduce (EMR)	<ul style="list-style-type: none">EMR instanceEMR node

Gaming Services

Service	Resource
Game Multimedia Engine (GME)	Application
Game Server Engine (GSE)	<ul style="list-style-type: none">Asset packageAliasGame server fleetGame server session queue
Game Player Matchmaking (GPM)	<ul style="list-style-type: none">Match codeRule code

Monitoring and OPS

Service	Resource
Cloud Monitor	Prometheus service