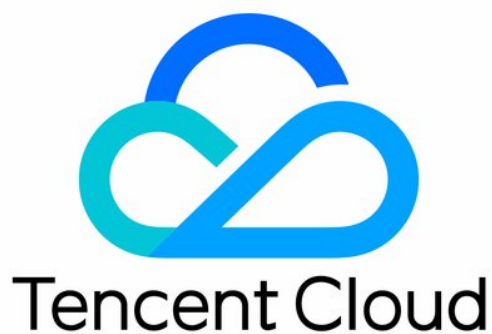


Enterprise Content Delivery Network Permission Management Product Documentation



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Permission Management

Console Permission Description

Last updated : 2020-04-28 14:50:48

Cloud Access Management (CAM) is a web-based service that helps you securely manage access permissions, resources, and usage permissions for your Tencent Cloud account. With CAM, you can create, manage, and terminate users (groups), and control the Tencent Cloud resources that can be used by the specified user through identity and policy management. For more information, please see [User Guide](#).

ECDN supports resource-level authorization. By specifying the `Action` and `Resource` to create a custom policy, you can directly call APIs to perform operations on resources such as acceleration domain names. This document describes the mappings between console features and `Action`.

Overview

Feature Module	Authorized Action	Remarks
My service - Connected domain names	DescribeDomains	The total number of authorized domain names will be displayed
My service <ul style="list-style-type: none">Total number of requests in the current monthTotal traffic in the current monthAverage bandwidth in the current month	DescribeEcdnStatistics	The access data of authorized domain names in the current month will be displayed
Today's data	DescribeEcdnStatistics	Today's access data of authorized domain names will be displayed
Request trend in the current month	DescribeEcdnStatistics	The trend curve of requests in the current month will be displayed

Domain Management

Feature Module	Authorized Action	Remarks
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Feature Module	Authorized Action	Remarks
Domain name list and query	DescribeDomains	Basic configuration items of a domain name can be queried or displayed To get all detailed configuration items, <code>DescribeDomainsConfig</code> should be authorized
Adding domain name	AddEcdnDomain	-
Deactivating ECDN	StopEcdnDomain	-
Activating ECDN	StartEcdnDomain	-
Deleting domain name	DeleteEcdnDomain	-
Modifying domain name project	UpdateDomainConfig	The domain name project is in the domain name configuration All configuration items of a domain name can be modified after authorization
Domain name configuration management	UpdateDomainConfig DescribeDomainsConfig	All configuration items of a domain name can be viewed/modified after authorization

Statistical Analysis

Feature Module	Authorized Action	Remarks
Usage statistics	DescribeEcdnDomainStatistics DescribeEcdnStatistics	All access data metrics under a domain name can be queried after authorization
Status code statistics	DescribeEcdnStatistics	All status code metrics under a domain name can be queried after authorization

Cache Purge

Feature Module	Authorized Action
Submitting URLs for purge	PurgeUrlsCache

Feature Module	Authorized Action
Submitting directories for purge	PurgePathCache
Querying purge records	DescribePurgeTasks

Certificate Management

Feature Module	Authorized Action	Remarks
Querying certificate list	DescribeDomainsConfig	All configuration items of a domain name can be viewed after authorization
Configuring certificate	UpdateDomainConfig	All configuration items of a domain name can be modified after authorization
Batch configuring certificates	UpdateDomainsHttps	It is used to configure certificates in batches

Log Service

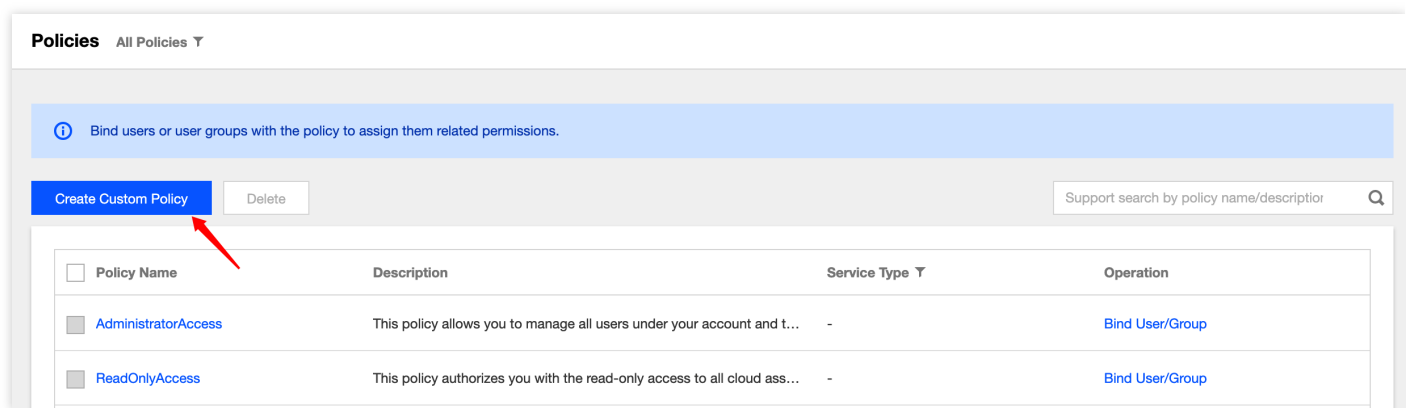
Feature Module	Authorized Action
Querying log download link	DescribeEcdnDomainLogs

Creating Policies

Last updated : 2020-07-29 14:16:46


To make it easier for you to configure domain name queries and manage permissions in a more refined manner, the ECDN permission policies have been completely upgraded, so that you can grant permissions at the domain name level through custom policy statements.

1. Log in to the [CAM Console](#) and click **Policy** to enter the policy management page. Then, click **Create Custom Policy**:




2. Select **Create by Policy Builder**:

Select a method to create policy




Create by policy generator

Select services and operations from the list to automatically generate policy syntax



Create by Policy Syntax

Compile policy syntax to create related policy



Authorize by tag

Resources that have certain type of tag attribute are quickly authorized to users and user groups

3. Select **ECDN** in the product drop-down list and select features to be authorized. If you want to grant full read/write permission, check **All** to select all services. For mappings between features

and console elements, please see [Action Mapping Table](#).

Cloud Access Management

Dashboard
Users
User Groups
Policies
Roles
Identity Providers
Access Key

← Create by policy generator

1 Select service and operation > 2 Edit Policy

Effect ☒ Allow ☐ Reject

Service **Enterprise Content Delivery Network**

Action **Select Action (22 in total)**

Search Action name/description (multiple keywords separated by spaces)

Action Name	Description
<input type="checkbox"/> AddEcdnDomain	Add domain
<input type="checkbox"/> CheckDomainCertificate	Check if the certificate has expired
<input type="checkbox"/> CheckEcdnDomain	Check whether the domain name is filled
<input type="checkbox"/> DeleteEcdnDomain	Delete domain
<input type="checkbox"/> DescribeDomains	Describe domains' basic information
<input type="checkbox"/> DescribeDomainsConfig	Describe domains' specific config

Selected (0)

Action Name	Description
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Support multi-selection by holding down shift key

4. Enter the domain name that needs to be authorized as the "resource" in the format of `qcs::ecdn::uin/xxxxxxxxxx:domain/xxx.com`, where `xxxxxxxxxx` after `uin/` needs to be replaced with your account ID, and `xxx.com` needs to be replaced with the specific domain name to be authorized. You can directly enter `*` to represent all domain names. After the configuration is completed, click **Add Statement** and **Next** to create a policy. Then, associate the created policy with existing users and user groups for further authorization:

Resource [Note](#)

Condition

Add Statement

Effect	Service	Operation	Resource Description	Operation
Allow	Enterprise Content Delivery Network	*	*	Delete

Next

