

# **Low-code Interactive Classroom**

## **Advanced Features**

### **Product Documentation**



## Copyright Notice

©2013-2024 Tencent Cloud. All rights reserved.

Copyright in this document is exclusively owned by Tencent Cloud. You must not reproduce, modify, copy or distribute in any way, in whole or in part, the contents of this document without Tencent Cloud's the prior written consent.

## Trademark Notice



All trademarks associated with Tencent Cloud and its services are owned by Tencent Cloud Computing (Beijing) Company Limited and its affiliated companies. Trademarks of third parties referred to in this document are owned by their respective proprietors.

## Service Statement

This document is intended to provide users with general information about Tencent Cloud's products and services only and does not form part of Tencent Cloud's terms and conditions. Tencent Cloud's products or services are subject to change. Specific products and services and the standards applicable to them are exclusively provided for in Tencent Cloud's applicable terms and conditions.

# Contents

Advanced Features

Custom Business Domain

# Advanced Features

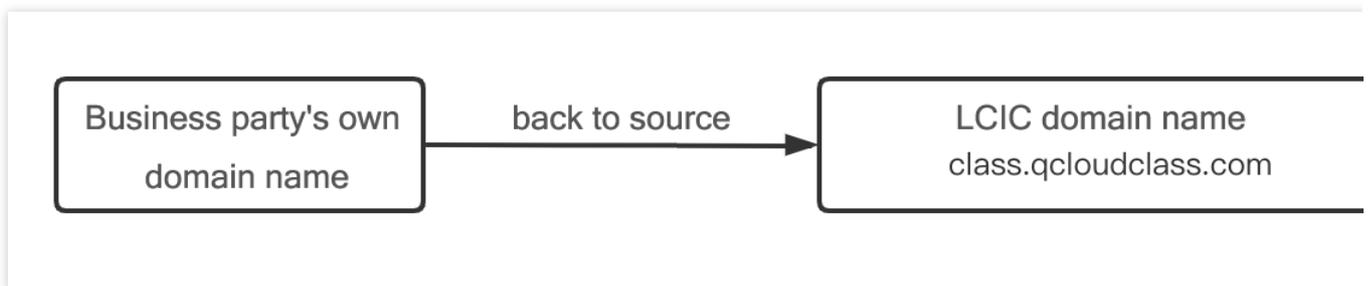
## Custom Business Domain

Last updated : 2024-06-28 10:02:14

Finders who want to use their own domain name to complete the web-side of the low-code interactive classroom:

from address `https://yourdomain.com/` turn into `https://class.qcloudclass.com/`

### Plan



### operation steps

#### Note :

Take [Tencent Cloud CDN \(Content Delivery Network\)](#) as an example.

We assume that the business layer has a class-specific third-level domain name: `class.yourdomain.com`

#### 1. Configure CDNs

##### 1.1 create domain name

Go to the [CDN console](#). Click on **Add domain name** to proceed with the addition.

**CDN**

- Overview
- Domain Management**
- Certificate Management
- Statistics
- Purge and Prefetch
- Log Service
- Security Protection
- Query Service
- Global Status
- Verify Tencent Cloud CDN IP
- Verify Origin-pull Node

**Domain Management** The domain name 0 has been added to the current account, and the remaining number that can be added is 100.To increase the quota of domain names th

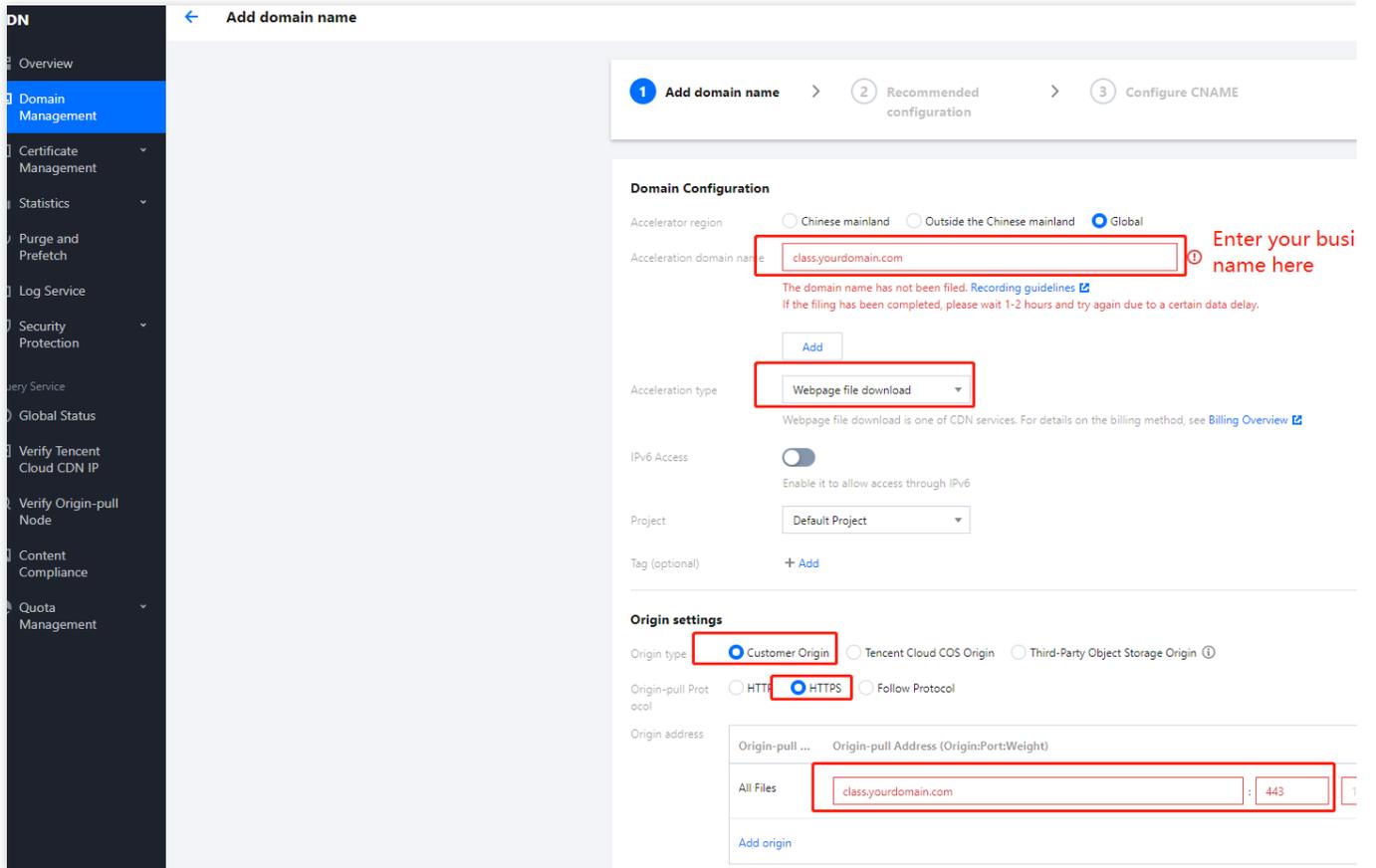
- After successfully adding the domain name, you need to complete the CNAME configuration to off
- When the source site of the domain name has resource updates or configuration changes, a refresh
- For the first access, the lack of cache may result in poor access performance. It is recommended th

**Add domain name** Batch Operation

| <input type="checkbox"/> | Domain name | Acceleration type | Status |
|--------------------------|-------------|-------------------|--------|
| 0 selected; 0 in total   |             |                   |        |

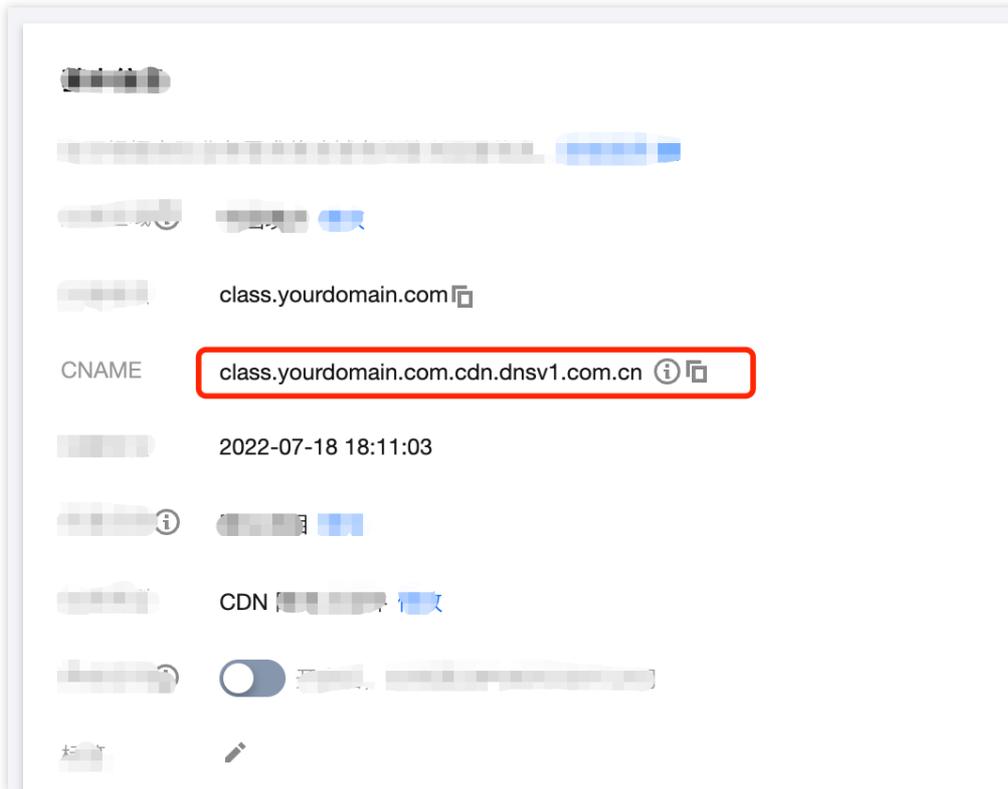
## 1.2 Configure back-to-source parameters

Configure the relevant domain settings and origin server settings.



### 1.3 Copy cname

Upon successful addition, click on the domain name to view the basic configuration information and copy the CNAME.



## 2. Configure domain name resolution

1. Go to domain name resolution to configure the domain name of class.yourdomain.com to point to.
2. Configure domain name resolution pointing, take Tencent Cloud dnspod as an example.



Type selection:CNAME

Record value: 1.3 CNAME value obtained

3. click **save**.

## 3. Configure back-to-source HOST

Switch to the Origin Domain page, and modify the `Origin Domain => class.qcloudclass.com` .

## Optimization

In order to achieve a better access effect for custom business domain names, the following adjustments still need to be set.

## 1. Complete https configuration

On the [Domain Management](#) page, click on the domain name and select **HTTPS Configuration** to proceed with the configuration.

### Auto Compression Configuration ✕

File ext

Please enter a file suffix, separated by ";" for example: .jpg; .html; .css

File Size   ~

Set a size range. Files in this range will be compressed before being transferred

Compression method  Gzip  Brotli ⓘ

## 2. Complete cache configuration

Configure node cache expiration settings on the **Cache Configuration** page.

| Type           | Content          | Validity          | Operation                                       |
|----------------|------------------|-------------------|---|
| All Files      | All Files        | Cache for 30 days | <a href="#">Modify</a>   <a href="#">Delete</a> |
| File Extension | php;jsp;asp;aspx | No Cache          | <a href="#">Modify</a>   <a href="#">Delete</a> |
| File Extension | html;js;css      | Cache for 7 days  | <a href="#">Modify</a>   <a href="#">Delete</a> |
| Full Path      | /wp-admin        | No Cache          | <a href="#">Modify</a>   <a href="#">Delete</a> |

Total items: 4 10 / page

### 3. Complete the gzip configuration

On the **Advanced Configuration** page, configure the intelligent compression rules.

|  |            |      |
|--|------------|------|
| *.js;.html;.css;.xml;.json;.shtml;.htm | 256B ~ 4MB | gzip |
|--|------------|------|

### 4. Cache configuration

On the **Cache Configuration** page, configure the cache key rules.

**Cache Key Rule Configuration**

Configure the cache key rule to configure filtering parameters and ignore case for the content of different file types. [How to set the cache key rule?](#)

| Type                | Content   | Ignore Query String                 | Ignore URL Case | Operation                                       |
|---------------------|-----------|-------------------------------------|-----------------|---|
| All Files           | All Files | Reserve Specified Parameter version | No              | <a href="#">Modify</a>                          |
| Specified File Type | jpg;png   | Filter All                          | No              | <a href="#">Modify</a>   <a href="#">Delete</a> |

## resource refresh

See [cdn-refresh](#) warmup.

**Why do we need to do resource refresh?**

According to actual operational needs/bug fixes/experience optimization, the low-code interactive classroom will conduct hot updates to the online version from time to time.

The CDN's caching strategy determines that there may be inconsistencies between the performance of the business's own domain name and the official domain name of the low-code interactive classroom.

We recommend that the business side perform resource refresh operations on a regular basis, or perform immediate refresh operations on demand, see Resource Refresh below.