

# Dynamic Route for CDN

Quick Start

# Quick Start

## Getting started with the Dynamic Route for CDN

This document helps you **Get started with Dynamic Route for CDN**. The procedure is as follows:



Follow these three steps:

1. Sign up for the Dynamic Route for CDN service
2. Add a Dynamic Route for CDN domain name
3. Configure CNAME to enable the service

If you have any questions about using the Dynamic Route for CDN product, you can [Open a ticket](#) for help.

## Step 1: Enable the Dynamic Route for CDN Service

For a more information on Dynamic Route for CDN, go to the [Details](#) page on the Alibaba Cloud website, and click **Apply for beta** to try it for the first time.

After getting permission to use Dynamic Route for CDN, go to the [Purchase Dynamic Route for CDN](#) page, select the appropriate specification of a **Dynamic Route for CDN package** and confirm the order. The Dynamic Route for CDN service is now enabled. (See [Billing Method](#) for information on the billing rules of Dynamic Route for CDN.)

After the service has been enabled, go to the Dynamic Route for CDN Console to add and configure the domain of Dynamic Route for CDN. For details on this operation, see the next step [Add a Dynamic Route for CDN Domain](#).

## Step 2: Add a domain name of Dynamic Route for CDN

### Procedure

Log on to the Dynamic Route for CDN Console , select **Domain Name Management**, and click **Add Domain Name**.

Enter basic information: enter the Dynamic Route for CDN domain name and the origin site. Click **Next** to add the domain name:

#### About Dynamic Route for CDN domain names:

Wildcard domain name acceleration is supported, but this does not include Chinese domain names.

Rules for entering wildcard domain names, for example: \*.test.com.  
For details, go to [Rules for Wildcard Domain Name Acceleration](#).

You cannot add the same Dynamic Route for CDN domain name twice. If the prompt **This domain name already exists** is displayed, submit a ticket to us.

Each account supports a maximum of **20** Dynamic Route for CDN domain names.

#### Types of origin site:

Types of origin site	Description
IP	Supports multiple server Internet IPs (priority of multiple origin sites can be set).

Origin site domain name	<p>Supports multiple origin site domain names</p> <p><b>Note: The origin site address cannot be the same as the Dynamic Route for CDN domain name.</b> For example, if your Dynamic Route for CDN domain name is test.yourdomain.com, we recommend that you set the resource origin site to src.yourdomain.com. Otherwise it is impossible to perform back-to-origin correctly.</p>
OSS origin site	<p>Enter the Internet domain name of the OSS Bucket, such as xxx.oss-cn-hangzhou.aliyuncs.com, or select the OSS Bucket already created under the same account.</p>

SCDN back-to-origin currently does not support SNI.

Added domain name: Once the Dynamic Route for CDN domain name has been approved, you can view it in the domain name list in **Domain Name Management**. A successfully added Dynamic Route for CDN domain name shows the **Normal Running** status:

**Note:** Adding a Dynamic Route for CDN domain name does not automatically enable the Dynamic Route for CDN service. You must also configure CNAME. See **Configure CNAME**.

## Step 3: Configure CNAME

To use Dynamic Route for CDN, you must point **your Dynamic Route for CDN domain name** to the **CNAME address provided by Alibaba Cloud** by adding a CNAME record. This is the only way to direct the access request to the CDN node and enable acceleration.

To configure CNAME, go to your domain name resolution service provider (such as Alibaba Cloud DNS, DNSPod, Xinnet, and so on). The domain name resolution of the example in this document is completed by **Alibaba Cloud DNS**.

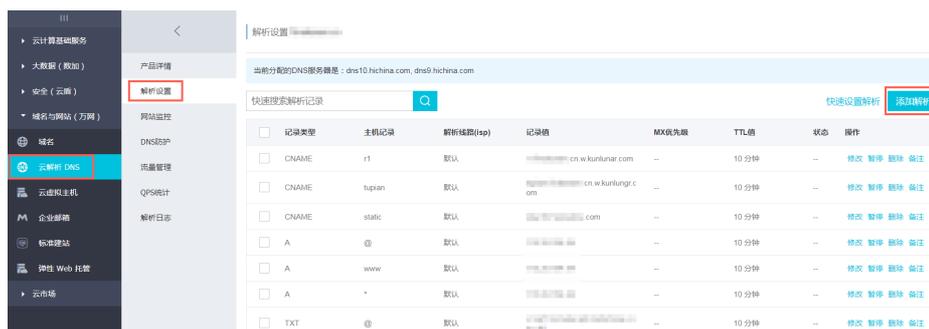
## Procedure

## Step 1. Obtain the CNAME of the CDN domain name

Copy the CNAME that corresponds to the Dynamic Route for CDN domain name in the domain name list in the **Domain Name Management** area of the Dynamic Route for CDN console:

## Step 2. Add CNAME record

Open the Alibaba Cloud DNS page Domain Name Resolution Console, and go to the domain name resolution page. Choose **Add Resolution**:



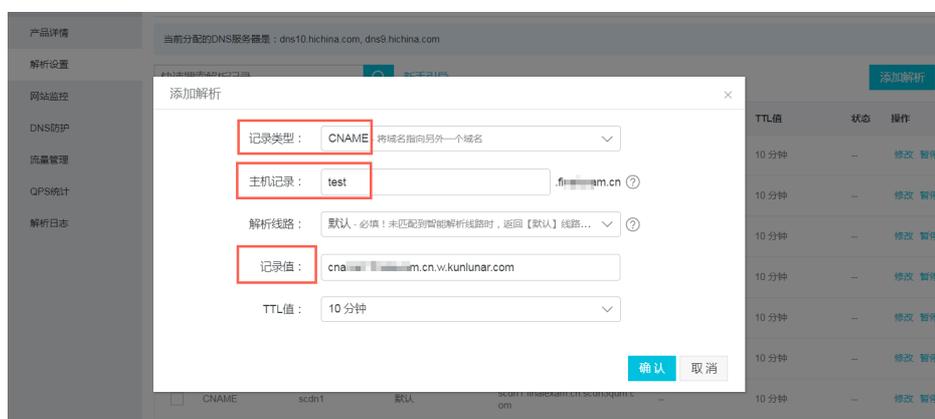
Set the parameters as follows:

Type of record: CNAME.

Host record: the prefix of the Dynamic Route for CDN domain name. (For example, if the Dynamic Route for CDN domain name to be added is test.example.com, use the prefix test).

Record value: the CNAME value replicated in Step 1.

Resolution path and TTL: default value.



Click **Confirm** to complete CNAME configuration. Dynamic Route for CDN service is enabled immediately after the CNAME configuration takes effect.

**Note:**

A **newly added** CNAME record takes effect immediately. **Modifications** to a CNAME record take up to 72 hours to take effect.

In the event of an **Adding Conflict**, use another Dynamic Route for CDN domain name, or follow the **Resolution Conflict Rules** to adjust the conflicting records yourself.

By default, Dynamic Route for CDN uses **Pure Dynamic Acceleration** to accelerate all resources, including static resources that are not cached but are obtained in a back-to-origin process. Define the types of static files by configuring the **Dynamic and Static Resources Rules**. This way, dynamic resources are dynamically accelerated and static resources statically accelerated, ensuring the best acceleration result.

## Verification

Different DNS service providers can vary in how long it takes for a CNAME to take effect after its configuration.

You can ping or dig the Dynamic Route for CDN domain name you added. If you are redirected to `*.kunlun*.com`, both the configured CNAME and the Dynamic Route for CDN service have taken effect.

```
C:\Users\>ping .cn
正在 Ping 122.227.164.206.cn.w.kunlunar.com [122.227.164.206] 具有 32 字节的数据:
来自 122.227.164.206 的回复: 字节=32 时间=16ms TTL=105
来自 122.227.164.206 的回复: 字节=32 时间=12ms TTL=105
来自 122.227.164.206 的回复: 字节=32 时间=12ms TTL=105
来自 122.227.164.206 的回复: 字节=32 时间=14ms TTL=105
```