

Alibaba Cloud Alibaba Cloud CDN

Quick Start

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Generic conventions

Table -1: Style conventions

Style	Description	Example
	This warning information indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	 Danger: Resetting will result in the loss of user configuration data.
	This warning information indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	 Warning: Restarting will cause business interruption. About 10 minutes are required to restore business.
	This indicates warning information, supplementary instructions, and other content that the user must understand.	 Notice: Take the necessary precautions to save exported data containing sensitive information.
	This indicates supplemental instructions, best practices, tips, and other content that is good to know for the user.	 Note: You can use Ctrl + A to select all files.
>	Multi-level menu cascade.	Settings > Network > Set network type
Bold	It is used for buttons, menus, page names, and other UI elements.	Click OK .
Courier font	It is used for commands.	Run the <code>cd / d C :/ windows</code> command to enter the Windows system folder.
<i>Italics</i>	It is used for parameters and variables.	<code>bae log list --instanceid <i>Instance_ID</i></code>
[] or [a b]	It indicates that it is an optional value, and only one item can be selected.	<code>ipconfig [-all -t]</code>

Style	Description	Example
<code>{}</code> or <code>{a b}</code>	It indicates that it is a required value, and only one item can be selected.	<code>swich {stand slave}</code>

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1 Quick start

This document describes how to quickly get started with the CDN service. The procedure is as follows:



Step 1. Enable the CDN service

1. Go to the Alibaba Cloud website, and quickly learn about the product in the [CDN Product Details Page](#). Then click **Buy Now**.
2. On the order page, select an appropriate [billing method](#). Once you confirm the order, the CDN service is enabled. And you can access the domain name you want to accelerate.

Step 2. Add a CDN domain name

1. Add a domain name.

Go to the [CDN console](#), select Domain Names. You can view all the CDN domain names and status that you have added. Click **Add Domain Name**

2. Enter the basic information.

Enter the CDN domain name (typically a subdomain name or a wildcard domain name is used, for example `cdntest.example.com`), and select an appropriate business type and origin site. Click **Next** to wait for the reviewing.



Note:

Using Alibaba Cloud ECS or OSS as your origin site will accelerate your domain name verification.

CDN domain name Description:

- Wildcard domain acceleration is supported. Chinese domain acceleration is not supported. Note this rule when you enter wildcard domains: *.test.com. For more information, see [Wildcard Domain Acceleration Rules](#)
- A CDN domain cannot be added multiple times. If you encounter a Domain already added issue, submit a ticket to us for help.
- Up to 50 CDN domains can be added under one account.
- The domain content must comply with CDN specifications. For more information, see [CDN Service Use Restrictions](#).

Business type description:

The Alibaba Cloud CDN scheduling system performs specific scheduling optimization based on the different types of business selected by the user:

Business type	Note
Images and small files	If the content to be accelerated is mostly images and web files (For example, small files, images and web-styled file), we recommend that you select the "images and small files" business type.
Large file downloads	If the content to be accelerated is large files (static files larger than 20 MB), for example, games installation package, application update, mobile ROM update, application program package download and other scenarios, acceleration of large file downloads is recommended.
On-demand video/audio	For large video files, acceleration of live streaming media is recommended to accelerate video on demand and live streaming services.
Live streaming media	Currently, live streaming is an independent product. Refer to ApsaraVideo Live for more information.

Business type	Note
Dynamic Route for CDN	Currently, Dynamic Route for CDN has been an independent product. Refer to the Dynamic Route for CDN for more information.

Types of origin sites:



Note:

You cannot use your acceleration domain name as your CDN origin site.

Origin site type	Description
IP	You can enter multiple the Internet server IPs. Alibaba Cloud ECS IP can be unaudited.
Origin server domain name	Supports multiple origin server domain names. <div style="background-color: #f0f0f0; padding: 5px; margin-top: 5px;">  Note: The origin server address you entered cannot be the same as the CDN domain name. Otherwise, it leads to cycling resolution, and cannot be returned to the origin server. For example, if your CDN domain name is <code>img.yourdomain.com</code>, we recommend that you set your origin server as <code>cdn.yourdomain.com</code>. </div>
OSS	Enter the Internet domain name of Alibaba Cloud OSS bucket. For example, <code>xxx.oss-cn-hangzhou.aliyuncs.com</code> . You can view the Internet domain name of OSS on OSS console. You can also directly select the OSS bucket under the same account.



Note:

SNI is not supported for CDN back-to-origin requests.

Acceleration region description:

- Select the acceleration region based on your needs: Mainland China, overseas only (domestic nodes unavailable), or world-wide.
- L3 and above members can apply for this feature by submitting a ticket.
- Traffic generated from overseas nodes incurs a higher cost than that from domestic nodes. For more information, see [Purchase Guide](#).
- If you select overseas acceleration only, the registration at China's Ministry of Industry and Information Technology is not required.

3. Click Next, then wait for review.



Note:

- You can submit a ticket if you have an urgent requirement for review.
- If your origin site is Alibaba Cloud ECS or OSS, you will finish reviewing faster.

4. Complete adding domain name.

After the CDN domain name reviewing is completed, it displays in Domain Names, and the status Running indicates it has been added successfully.



Note:

After adding the CDN domain name, Alibaba Cloud CDN assigns you the corresponding cname address, you must configure cname for the CDN service to take effect. See the following Step 3.

Step 3. Configure CNAME

1. Copy the CNAME address assigned by the system from the domain name list in Domain Names in the CDN console:
2. Go to the DNS console of your DNS service provider (for example, [www.net.cn](#), Alibaba Cloud DNS, DNSPod, xinnet. Tencent DNS, route53 and godaddy) to add the cname record. Examples of the following service providers are provided: [Configure Alibaba Cloud DNS](#).

Step 4. Verify if CNAME is enabled for the domain name

After you configure the CNAME record, the CNAME record may take a variable period of time to take effect, depending on your DNS provider.

You can `ping` or `dig`. If the cname you added is resolved to `*.* kunlun *. com`, it indicates the CNAME configuration takes effect, and the CDN service is enabled.

2 Limits

Restrictions on the use of CDN

1. Real-name registration must be performed for accounts on the Alibaba Cloud official website.
2. A CDN domain must have an [ICP license](#) and be connected to Alibaba Cloud.
3. The origin site content of a CDN domain must be stored on Elastic Compute Service (ECS) or Object Storage Service (OSS). If the origin site content is not stored on Alibaba Cloud, access must be reviewed.

Domain Name reviewing standards

All domains attempting to access CDN must be reviewed. CDN access is not allowed in any of the following scenarios:

- The CDN domain cannot be accessed or the content does not include any substantive information.
- The CDN domain is for a private game server.
- The CDN domain is used for role playing games or card games.
- The CDN domain name is for website that has no download rights such as pirate software
- The CDN domain is for a P2P website.
- The CDN domain is for a lottery website.
- The CDN domain is for an illegal hospital or pharmaceutical website.
- The CDN domain is for a site involving porn, gambling, drugs, etc.



Note:

The losses incurred by attacks or malicious download because the CDN domain name does not comply with the previous rules will be born on you, and Alibaba Cloud CDN carries no responsibilities.

- Domains that have accessed Alibaba Cloud CDN will be reviewed regularly. If any of these violations are detected, the system immediately terminates the CDN acceleration of the domain name, and stops the CDN service for all your domain names at the same time.

- If your CDN domain name cannot be accessed normally or is denied due to reason which does not contain any substantive information, and your business is a compliance business, you can submit a ticket, and send the screenshots of the web site business content(which contains the domain name) through the ticket. After the ticket is reviewed separately, you will be informed of the results of the second audit.

Restriction

Quantity	Limit quantity
Domain Name	The maximum number of CDN domains for each Alibaba Cloud account is 50 .
IP origin site	The maximum number of IP origin sites for each CDN domain is 10.
Cache refresh and push operations	refresh:2000items/day/account. Directory refresh:100 items/day/account.

If you have a large number of domain name acceleration needs, submit a ticket for special support.

CDN domain name reclaiming rules

If your CDN domain name ...	The system will...	To continue using CDN acceleration, you must...
not access traffic for more than 90 days (including "normal operation")	Automatically deactivate the domain name to save the CDN domain name related records	Enable CDN domain names.
Is in the disabled state for more than 120 days (including auditing failed)	Automatically delete the domain name related records.	Re-add the domain name.