

ALIBABA CLOUD

Alibaba Cloud

CDN
Quick Start

Document Version: 20201124

 Alibaba Cloud

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Document conventions








Style	Description	Example
 Danger	A danger notice 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.
 Warning	A warning notice 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 restart an instance.
 Notice	A caution notice indicates warning information, supplementary instructions, and other content that the user must understand.	 Notice: If the weight is set to 0, the server no longer receives new requests.
 Note	A note indicates supplemental instructions, best practices, tips, and other content.	 Note: You can use Ctrl + A to select all files.
>	Closing angle brackets are used to indicate a multi-level menu cascade.	Click Settings > Network > Set network type .
Bold	Bold formatting is used for buttons, menus, page names, and other UI elements.	Click OK .
Courier font	Courier font is used for commands	Run the <code>cd /d C:/window</code> command to enter the Windows system folder.
<i>Italic</i>	Italic formatting is used for parameters and variables.	<code>bae log list --instanceid</code> <i>Instance_ID</i>
[] or [a b]	This format is used for an optional value, where only one item can be selected.	<code>ipconfig [-all -t]</code>
{ } or {a b}	This format is used for a required value, where only one item can be selected.	<code>switch {active stand}</code>

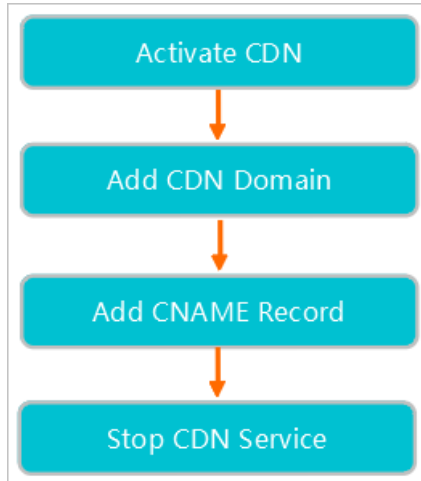
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1. Overview

This topic describes how to get started with Alibaba Cloud Content Delivery Network (CDN) and the relevant scenarios.

The following figure shows how to get started with Alibaba Cloud CDN.



The following table illustrates the steps for quick start.

No.	Step	Scenario
1	Activate Alibaba Cloud CDN	Before you use the features provided by Alibaba Cloud CDN, you must activate the Alibaba Cloud CDN service.
2	Add a domain name to Alibaba Cloud CDN	If you need to use Alibaba Cloud CDN to accelerate the delivery of content on a specific website, you must specify the website as the origin, and create an accelerated domain for the origin. By using the accelerated domain, Alibaba Cloud CDN caches the content from the origin to a CDN node to accelerate content delivery.
3	Configure a canonical name (CNAME) record <ul style="list-style-type: none"> • Configure a CNAME record in Alibaba Cloud DNS • Configure a CNAME record on DNSPod • Configure a CNAME record on Xinnet 	After you create the accelerated domain, Alibaba Cloud CDN team will assign the corresponding CNAME to the accelerated domain. To enable the CDN service, you must add a CNAME record to the DNS records of the accelerated domain to map the accelerated domain to the CNAME. In this way, requests for the accelerated domain can be sent to a CDN node. You can configure a CNAME record with multiple Domain Name System (DNS) hosting providers. Select a DNS hosting provider as needed.
4	Delete an accelerated domain name	If you no longer need the Alibaba Cloud CDN service, you can delete the specified accelerated domain name in the Alibaba Cloud CDN console. After the accelerated domain name is deleted, no charges will be incurred.

2. Activate Alibaba Cloud CDN

You must activate Alibaba Cloud Content Delivery Network (CDN) before you can use this service. This topic describes how to activate Alibaba Cloud CDN.

Prerequisites

Before you perform the tasks described in this document, make sure that you have completed [account registration](#) and [real-name authentication](#) with Alibaba Cloud.



Notice The users at the International site (alibabacloud.com) must complete real-name verification in the following scenarios:

- Based on the laws and the regulations in mainland China, real-name verification is required for the users who purchase and use cloud services that are deployed on the nodes in mainland China. The users are categorized into existing users, new users, and the users who renew the services.
- If you select a region in mainland China when you purchase a cloud service, the system checks the information that is provided for real-name verification. If you do not complete real-name verification for your account, you must first complete it.

Procedure

1. Log on to the [Alibaba Cloud CDN platform](#).
2. Click **Buy Now**.
3. Select **abilling method** and select **Alibaba Cloud CDN Terms of Service**.
For more information about billing methods supported by Alibaba Cloud CDN, see [CDN Pricing](#).
4. Click **Activate Now**.
5. After Alibaba Cloud CDN is activated, you can click **Alibaba Cloud CDN** to go to the console.

API operations

You can call API operations listed in the following table to manage Alibaba Cloud CDN.

API	Description
OpenCdnService	Activates Alibaba Cloud CDN. You must activate Alibaba Cloud CDN before you can manage domain names in Alibaba Cloud CDN.
ModifyCdnService	Changes the billing method of Alibaba Cloud CDN.
DescribeCdnService	Queries the status of your Alibaba Cloud CDN service. The status information includes the service activation time, current service status, current billing method, and new billing method.
DescribeCdnUserResourcePackage	Queries the current resource plans that you have purchased for Alibaba Cloud CDN.
DescribeCdnUserQuota	Queries the quotas and usage of Alibaba Cloud CDN resources.


3. Verify the ownership of a domain name

The first time a domain name is added to Alibaba Cloud Content Delivery Network (CDN), Alibaba Cloud CDN verifies the ownership of the domain name. If you pass the verification process, Alibaba Cloud CDN identifies you as the owner of the domain name. If you add the domain name to Alibaba Cloud CDN again or add its subdomain names to Alibaba Cloud CDN, the ownership verification process is not needed. You can use a Domain Name System (DNS) record or upload the verification file to prove the ownership. In the following example, `a.com` is used to demonstrate how to prove the ownership of a domain name.

Method 1: Use a DNS record to prove the ownership

The first time a domain name is added to Alibaba Cloud CDN, you can add a DNS record to prove that you own the domain name.

1. Obtain the record type, hostname, and record value.
 - i. Log on to the [Alibaba Cloud CDN console](#).
 - ii. In the left-side navigation pane, choose **Domain Names > Add Domain Name**. The first time a domain name is added to Alibaba Cloud CDN, you can follow the instructions on the page to add a TXT record.

 **Note** The `DescribeVerifyContent` operation can be used to generate the record value. The `AddCdnDomain` and `BatchAddCdnDomain` operations can be used to add one or more domain names to Alibaba Cloud CDN. To add a domain name by calling API operations, call the `DescribeVerifyContent` operation to obtain the record value and perform the following steps to add a TXT record. Then, you can call the `AddCdnDomain` or `BatchAddCdnDomain` operation to add one or more domain names to Alibaba Cloud CDN.


2. Add a DNS record.
 - i. Log on to the [Alibaba Cloud DNS console](#). In this example, Alibaba Cloud DNS is used to add a DNS record. You can add a DNS record through other service providers such as DNSPod and Xinnet in a similar way.
 - ii. On the **Manage DNS** page, find the domain name `a.com` and click **Configure** in the Actions column.
 - iii. Click **Add Record**. Enter the record type, hostname, and record value that you have obtained in Step 1.
3. Complete the verification process.
 - i. Log on to the [Alibaba Cloud CDN console](#).
 - ii. Click **Verify** to complete the verification process.

Method 2: Upload a verification file to prove the ownership

The first time a domain name is added to Alibaba Cloud CDN, you can upload a verification file to prove that you own the domain name.

- 1.

2. In the left-side navigation pane, choose **Domain Names > Add Domain Name > Method 2: Verification File**.
3. Download the `verification.html` verification file.

 **Note** The `DescribeVerifyContent` operation can be used to generate verification strings. The `AddCdnDomain` and `BatchAddCdnDomain` operations can be used to add one or more domain names to Alibaba Cloud CDN. To add a domain name by calling API operations, call the `DescribeVerifyContent` operation to obtain the verification strings. Then, enter the verification strings in the `verification.html` file and perform the following steps to upload the file.

4. Upload the verification file to the root directory of the origin server of your domain name. The origin server can be an Elastic Compute Service (ECS) instance, an Object Storage Service (OSS) bucket, a Cloud Virtual Machine (CVM) instance, a Container-Optimized OS (COS) instance, or an Elastic Compute Cloud (EC2) instance.

Alibaba Cloud CDN will visit the origin server at `http://a.com/verification.html` to obtain the verification file and determine whether you have uploaded the verification file as required. Make sure that the file is accessible.

5. Click **Verify** to complete the verification process.

FAQ

The following issues may occur when you add a new domain name to Alibaba Cloud CDN.

- **Q:** Why does Alibaba Cloud CDN verify the ownership of domain names?
A: The ownership verification process is required to ensure that the domain name is added by its owner. If a domain name of User A is added to Alibaba Cloud CDN by User B, conflicts and security risks may occur.
- **Q:** I have multiple Alibaba Cloud accounts. If this is the first a domain name is added to Alibaba Cloud under these accounts, do I need to pass the ownership verification process for each account?
A: Yes. Each Alibaba Cloud account is recognized as an independent user. The first time a domain name is added to Alibaba Cloud CDN, the user (account) must pass the ownership verification process.
- **Q:** After I pass the ownership verification process by adding a DNS record or uploading a verification file, can I delete the record or file?
A: Yes. The required DNS record or file is only used for ownership verification. After you pass the verification process, you can delete the record or file.
- **Q:** Do I need to prove the ownership of a domain name that has been added to Alibaba Cloud CDN?
A: No. For example, you have added the domain name `b.a.com` to Alibaba Cloud CDN and the Canonical Name (CNAME) that is assigned to the domain name works as expected. In this case, you are deemed to own the domain name `a.com`. When you add subdomain names of `a.com`, such as `xx.a.com` or `xxx.a.com`, you do not need to pass the ownership verification process.
- **Q:** Do I need to prove the ownership of a domain name if I call the `AddDomain` operation to add the domain name to Alibaba Cloud CDN?

A: Yes. The method to prove the ownership of the domain name is similar to those added to Alibaba Cloud CDN through the console. You can add a DNS record or upload the required verification file to the root directory of the origin server of your domain name. Then, call the AddDomain operation to add the domain name to Alibaba Cloud CDN.


- Q: What can I do if I cannot prove the ownership of my domain name by adding a DNS record or uploading a verification file to the origin server?

A: To address this issue, you can [submit a ticket](#). In the ticket, state the reason why you cannot prove the ownership through the given methods, and include the information that can be used to prove your identity as the domain owner. Alibaba Cloud will conduct manual verification.

4. Add a domain name to Alibaba Cloud CDN

If you want to use Alibaba Cloud Content Delivery Network (CDN) to accelerate the delivery of content on a specific website, you must add the domain name that you want to accelerate to Alibaba Cloud CDN and specify the website as the origin server. Alibaba Cloud CDN caches content from the origin server to Alibaba Cloud CDN nodes to accelerate content delivery. This topic describes how to add a domain name to Alibaba Cloud CDN.

Context

 **Notice** If you need to accelerate live streaming content for a domain name, log on to the [ApsaraVideo Live](#) console to add and configure the domain name.

Beginning February 13, 2020, Alibaba Cloud CDN no longer supports the **Live Streaming** option when you set the **Business Type** parameter.

Procedure

1. Log on to the [Alibaba Cloud CDN console](#).
2. In the left-side navigation pane, click **Domain Names**.
3. On the **Domain Names** page, click **Add Domain Name**.
4. Set the **Domain Name to Accelerate**, **Business Type**, **Origin Info**, **Port**, and **Region** parameters.

← Add Domain Name

Domain Name to

Accelerate * Wildcard domain names are supported, such as "*.test.com". [Learn more](#)

Resource Groups ▼

Business Type ▼

Origin Info * OSS Domain
 IP
 Site Domain
 Function Compute Domain

IP Priority ▼ [Priorities for multiple origins](#)

Port * Port 80
 Port 443


Region * Mainland China
 Global
 Outside Mainland China

i An ICP filing is required if you select Mainland China or Global. [What is an ICP filing?](#)

Pricing policies vary by region. [Pricing](#)

The following table lists the parameters that you must set on the **Add Domain Name** page.

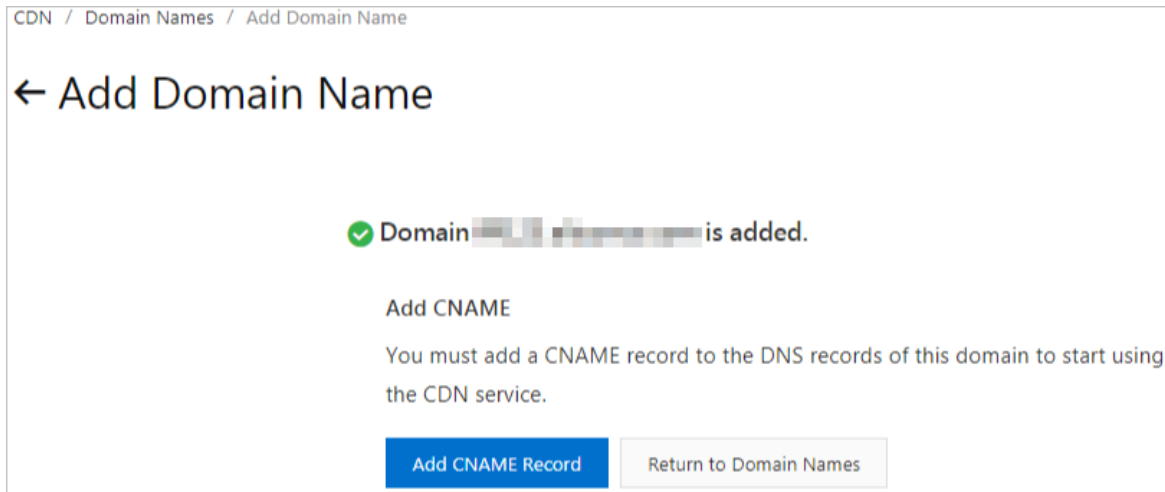
Parameter	Value	Description
-----------	-------	-------------

Parameter	Value	Description
Domain Name to Accelerate	-	<p>Enter the domain name that you want to accelerate, for example, <code>example.com</code> . Note that:</p> <ul style="list-style-type: none"> You can use a subdomain name or a wildcard domain name as the accelerated domain name, for example, <code>cdn-test.example.com</code> . Wildcard domain names are supported and Chinese domain names are not supported. Enter wildcard domain names in the specified format, such as <code>*.example.com</code> . You cannot add duplicate domain names to Alibaba Cloud CDN. If the system prompts that the domain name already exists, submit a ticket. You can add a maximum of 50 domain names to Alibaba Cloud CDN with each Alibaba Cloud account. To increase the upper limit, submit a ticket. Content that is delivered from the domain name must comply with the limits of Alibaba Cloud CDN. For more information, see Limits. <div style="background-color: #e6f2ff; padding: 10px; margin-top: 10px;"> <p> Note The specified wildcard domain names and the subdomain names must be under the same Alibaba Cloud account. When you add a domain name to Alibaba Cloud CDN, Alibaba Cloud CDN verifies the ownership of the domain name. If the specified wildcard domain name and the subdomain name belong to different accounts, an error message appears. To request technical support from Alibaba Cloud, submit a ticket.</p> </div>
Business	Image and Small File	If you want to accelerate the delivery of small-sized static content on your website, such as small files, images, and style sheets, we recommend that you select Image and Small File from the Business Type drop-down list.
	Delivery of large files	If you want to accelerate the delivery of static files larger than 20 MB, such as game installation packages, application updates, mobile ROM upgrades, and application packages, we recommend that you select Large File Download from the Business Type drop-down list.
	VOD	If you want to accelerate the delivery of on-demand video or audio content, we recommend that you select VOD from the Business Type drop-down list.

Type Parameter	Value	Description
	DCDN	<p>If your website or application contains large amounts of dynamic content, you can select DCDN from the Workload Type drop-down list. After simple configurations, Dynamic Route for CDN (DCDN) can accelerate the delivery of dynamic and static content separately. Static content is cached on CDN nodes and dynamic content is retrieved from the origin server based on the optimal link algorithm and protocol layer optimization of Alibaba Cloud.</p> <p>After you select DCDN, you are prompted to go to the Dynamic Route for CDN console. You can then create and configure the domain name. For more information, see Add a domain.</p>
Origin Info	IP	You can specify the public IP addresses of one or more servers. IP addresses of Alibaba Cloud Elastic Compute Service (ECS) instances are exempt from manual review.
	Site Domain	<p>You can specify the domain names of one or more origin servers.</p> <div style="border: 1px solid #ccc; background-color: #e6f2ff; padding: 5px; margin-top: 10px;"> <p>Note The domain name of the origin server that you specified cannot be the same as the accelerated domain name. Otherwise, a DNS resolution loop occurs and the requests cannot be redirected to the origin server correctly. For example, if the domain name of your origin server is <code>img.yourdomain.com</code>, you can set the accelerated domain name to <code>cdn.yourdomain.com</code>.</p> </div>
	OSS Domain	You can enter the public endpoint of an Alibaba Cloud Object Storage Service (OSS) bucket, for example, <code>xxx.oss-cn-hangzhou.aliyuncs.com</code> . To view the public endpoint of an OSS bucket, go to the OSS console. You can also select an OSS bucket under the current account.
	Function Compute Domain	To use a Function Compute domain name, you must set the Region and Domain Name parameters. For more information, see Set a Function Compute domain name .
Port	-	<p>Select a port based on your business requirements.</p> <ul style="list-style-type: none"> ◦ Port 80 Allows users to access resources over HTTP. ◦ Port 443 Allows users to access resources over HTTPS.

Parameter	Value	Description
Region	Global (Excluding Mainland China)	If you select Global (Excluding Mainland China) , you do not need to apply for an Internet Content Provider (ICP) number from Ministry of Industry and Information Technology (MIIT) for the accelerated domain name.
	Global	If you select Global , you must apply for an ICP number from MIIT for the accelerated domain name. For more information, see Apply for an Internet Content Provider (ICP) number for an accelerated domain name .
	Mainland China Only	If you select Mainland China Only , you must apply for an ICP number from MIIT for the accelerated domain name. For more information, see Apply for an Internet Content Provider (ICP) number for an accelerated domain name .

5. Click **Next**.



After the domain name passes ownership verification, it is listed on the **Domain Names** page. If the status of the domain name is **Enabled**, it indicates that the domain name has been added to Alibaba Cloud CDN.

Note

- If you require urgent verification on your domain name, [submit a ticket](#).
- If the origin server is an ECS instance or an OSS bucket, it takes less time to verify the ownership of the domain name.
- After a domain name is added to Alibaba Cloud CDN, Alibaba Cloud CDN assigns a Canonical Name (CNAME) to the domain name. The Alibaba Cloud CDN service takes effect only after you add the CNAME record for the domain name.

API operations

You can call API operations listed in the following table to manage domain names.

API	Description
AddCdnDomain	Adds a domain name to Alibaba Cloud CDN.
DeleteCdnDomain	Removes a domain name from Alibaba Cloud CDN.
StopCdnDomain	Disables a domain name that is accelerated by Alibaba Cloud CDN. After the domain name is disabled, the value of the DomainStatus parameter is changed to Offline.
StartCdnDomain	Enables a disabled domain name. After the domain name is enabled, the value of the DomainStatus parameter is changed to Online.
BatchStartCdnDomain	Enables one or more domain names at a time. After a domain name is enabled, the value of the DomainStatus parameter is changed to Online.
BatchSetCdnDomainConfig	Configures multiple accelerated domain names at a time.
ModifyCdnDomain	Modifies the information about an accelerated domain name.
DescribeUserDomains	Queries all domain names accelerated by Alibaba Cloud CDN under your account and the status of the accelerated domain names. You can filter domain names by name or status. Fuzzy match is supported.
DescribeCdnDomainDetail	Queries the basic information about an accelerated domain name.
DescribeDomainsBySource	Queries the domain names corresponding to origin servers under your account.
BatchStopCdnDomain	Disables one or more accelerated domain names at a time. After an accelerated domain name is disabled, the value of the DomainStatus parameter is changed to Offline.
DescribeCdnDomainConfigs	Queries the configurations of an accelerated domain name. You can query the configuration of one or more features at a time.
DeleteSpecificConfig	Deletes specific configurations of an accelerated domain name.
DescribeUserVipsByDomain	Queries virtual IP addresses of CDN nodes by domain name.
BatchAddCdnDomain	Adds multiple domain names to Alibaba Cloud CDN at a time. You can add a maximum of 20 domain names to Alibaba Cloud CDN with each account.
ModifyCdnDomainSchdmByProperty	Modifies the accelerated region for an accelerated domain name.
BatchUpdateCdnDomain	Updates the configurations of multiple accelerated domain names at a time.
SetWaitingRoomConfig	Configures the virtual waiting room feature for an accelerated domain name. This operation is available only for accelerated domain names of the DCDN workload type.

 **Note** You can query the virtual IP addresses of CDN nodes by domain name only by calling API operations. For more information, see [DescribeUserVipsByDomain](#).

5. Configure a CNAME record

5.1. Configure a CNAME record in Alibaba Cloud DNS

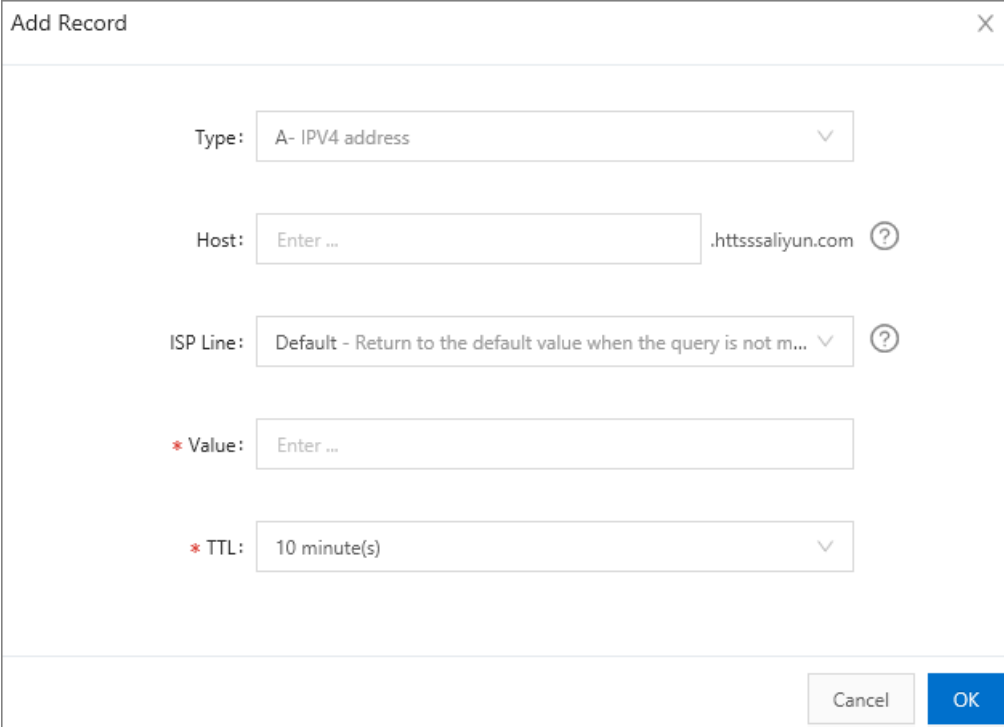
After you add a domain name to Alibaba Cloud Content Delivery Network (CDN), Alibaba Cloud CDN assigns a Canonical Name (CNAME) to the domain name. To enable the CDN service for the domain name, you must add a CNAME record to map the accelerated domain name to the CNAME. This way, requests destined for the accelerated domain name can be redirected to the CDN nodes that are nearest to the clients. This topic describes how to configure a CNAME record for a domain name in Alibaba Cloud DNS.

Procedure

1. Obtain the CNAME assigned to the accelerated domain name.
 - i. Log on to the [Alibaba Cloud CDN console](#).
 - ii. In the left-side navigation pane, click **Domain Names**.
 - iii. On the **Domain Names** page, copy the CNAME of the accelerated domain name.

Domain Name	CNAME	Status	HTTPS	Created At	Tags	Actions
[Redacted]	[Redacted]	Enabled	Disabled	Aug 7, 2019 10:49 AM	[Redacted]	Manage Copy Configurations
[Redacted]	[Redacted]	Enabled	Disabled	Jul 31, 2019 5:45 PM	[Redacted]	Manage Copy Configurations

2. Add a CNAME record for the accelerated domain name.
 - i. Log on to the [Alibaba Cloud DNS console](#).
 - ii. On the **Manage DNS** page, click the **Domains** tab, select the domain name that you want to manage, and then click **Configure** in the **Actions** column.
 - iii. Click **Add Record** and add a CNAME record.



The screenshot shows a dialog box titled "Add Record" with a close button (X) in the top right corner. The dialog contains the following fields:

- Type:** A dropdown menu with "A- IPV4 address" selected.
- Host:** A text input field containing "Enter ..." followed by ".htsssaliyun.com" and a help icon (?).
- ISP Line:** A dropdown menu with "Default - Return to the default value when the query is not m..." selected and a help icon (?).
- * Value:** A text input field containing "Enter ...".
- * TTL:** A dropdown menu with "10 minute(s)" selected.

At the bottom right of the dialog, there are two buttons: "Cancel" and "OK".

- Type: Select **CNAME** from the drop-down list.
- Host: Enter the prefix of the accelerated domain name.

Accelerated domain name	Host
testcdn.aliyun.com	testcdn
www.aliyun.com	www
aliyun.com	@
*.aliyun.com	*

- ISP Line: Use the default value.
- Value: Enter the CNAME assigned to the accelerated domain name.
- TTL: Use the default value.

iv. Click **OK**.

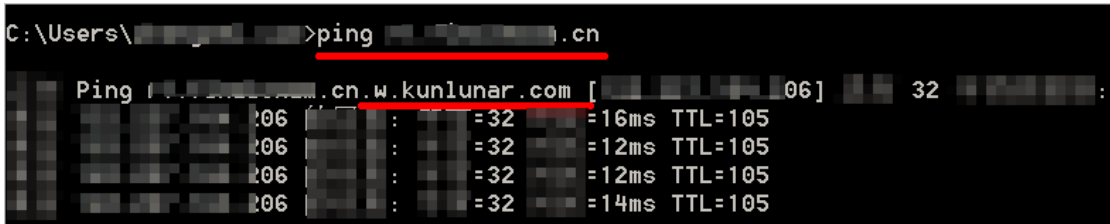
The CNAME record is added. After the CNAME record takes effect, CDN acceleration is automatically enabled for the domain name.

Note

- After you add a CNAME record, it immediately takes effect. After you modify a CNAME record, the modifications take effect within 72 hours.
- After you add a CNAME record, it takes approximately 10 minutes for the system to update the status in the console. The system may prompt that you must add a CNAME record. Ignore the message.

3. Check whether the CNAME record has taken effect.

- Open the Command Prompt in Windows.
- Use the Command Prompt to **ping** the accelerated domain name. If the CNAME in the output matches the CNAME assigned to the accelerated domain name in the Alibaba Cloud CDN console, it indicates that the CDN service is enabled for the domain name.



```
C:\Users\[redacted]>ping [redacted].cn
Ping [redacted].cn.w.kunlunar.com [redacted] 32 [redacted]:
[redacted] : [redacted] = 32 = 16ms TTL=105
[redacted] : [redacted] = 32 = 12ms TTL=105
[redacted] : [redacted] = 32 = 12ms TTL=105
[redacted] : [redacted] = 32 = 14ms TTL=105
```

5.2. Configure a CNAME record on DNSPod

This topic describes how to configure a CNAME record on DNSPod. After you add a domain name for CDN, Alibaba Cloud CDN assigns a canonical domain name (CNAME) to the domain name for CDN. You must add a CNAME record to map the domain name for CDN to the canonical domain name. This ensures that Alibaba Cloud CDN can direct the requests that are destined for the domain name for CDN to Alibaba Cloud CDN nodes.

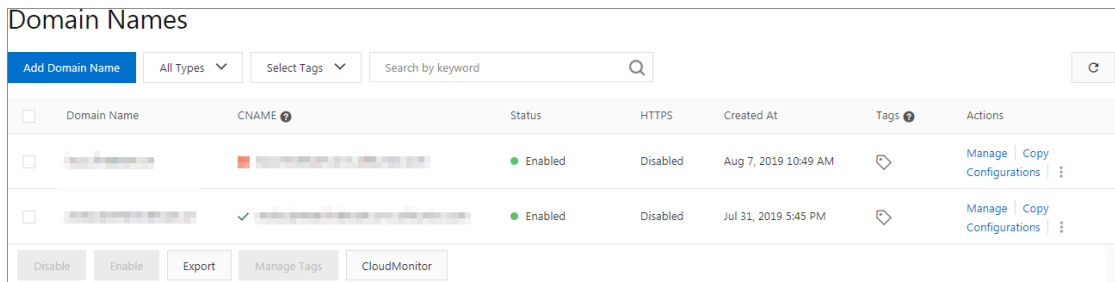
Prerequisites

You have logged on to the [Alibaba Cloud CDN console](#).

Procedure

- Obtain the CNAME assigned to the accelerated domain name.
 - Log on to the [Alibaba Cloud CDN console](#).
 - In the left-side navigation pane, click **Domain Names**.

- iii. On the **Domain Names** page, copy the CNAME of the accelerated domain name.



- 2. Add a CNAME record to DNSPod. To add a CNAME record, complete these steps:

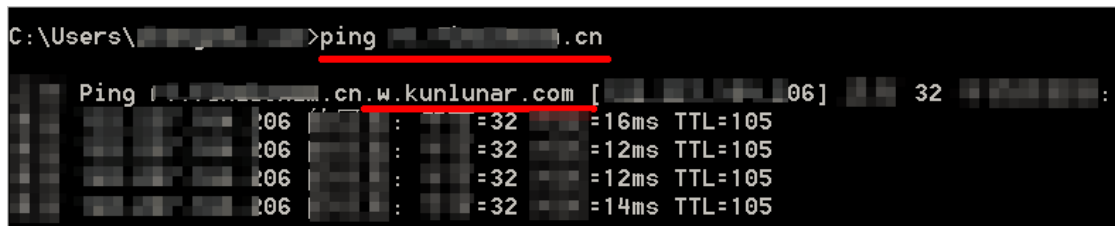
- i. Log on to the **DNS** console of DNSPod.
- ii. On the domain name resolution page for the target domain name, click **Add Record**.
- iii. Set the following parameters:
 - Type: Select **CNAME**.
 - Host: Enter the prefix of the domain name for CDN. For example, if your domain name for CDN is `testcdn.aliyun.com`, its prefix is `testcdn`.
 - Value: Enter the CNAME domain name that you have obtained in step 1.
 - ISP Line: Use the default value.
 - TTL: Use the default value.
- iv. Click **Save**.

The CNAME record is added. After the CNAME record takes effect, CDN acceleration is automatically enabled for the domain name.

Note

- After you add a CNAME record, it immediately takes effect. After you modify a CNAME record, the modifications take effect within 72 hours.
- After you add a CNAME record, it takes approximately 10 minutes for the system to update the status in the console. The system may prompt that you must add a CNAME record. Ignore the message.

- 3. Check whether the CNAME record has taken effect.
 - i. Open the Command Prompt in Windows.
 - ii. Use the Command Prompt to **ping** the accelerated domain name. If the CNAME in the output matches the CNAME assigned to the accelerated domain name in the Alibaba Cloud CDN console, it indicates that the CDN service is enabled for the domain name.

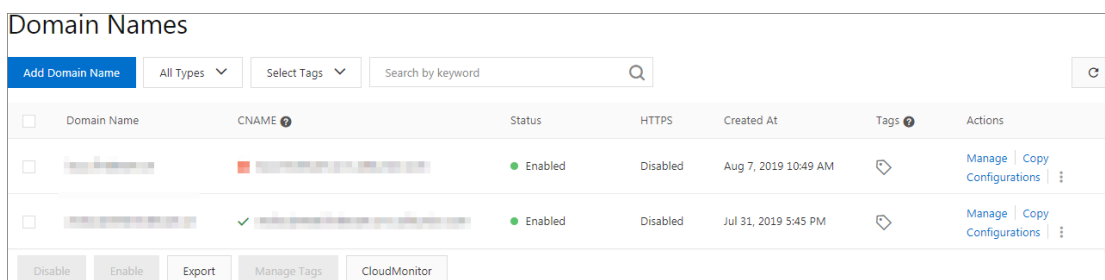


5.3. Configure a CNAME record on Xinnet

This topic describes how to configure a Canonical Name (CNAME) record on Xinnet. After you add a domain name to Alibaba Cloud Content Delivery Network (CDN), Alibaba Cloud CDN assigns a CNAME to the domain name. You must add a CNAME record to map the domain name to the CNAME. This way, Alibaba Cloud CDN can direct requests destined for the domain name to CDN nodes.

Procedure

1. Obtain the CNAME assigned to the accelerated domain name.
 - i. Log on to the [Alibaba Cloud CDN console](#).
 - ii. In the left-side navigation pane, click **Domain Names**.
 - iii. On the **Domain Names** page, copy the CNAME of the accelerated domain name.



2. Add a CNAME record for the domain name on Xinnet.
 - i. Log on to the **DNS** console of Xinnet. Find the domain name that you want to manage, navigate to the **Manage DNS** page, and then click **Add Record**.
 - Type: Select **CNAME** from the drop-down list.
 - Host: Enter the prefix of the accelerated domain name.

Accelerated domain name	Host
testcdn.aliyun.com	testcdn
www.aliyun.com	www
aliyun.com	@
*.aliyun.com	*

- ISP Line: Use the default value.
- Value: Enter the CNAME assigned to the accelerated domain name.
- TTL: Use the default value.

ii. Click **Submit**.

The CNAME record is added. After the CNAME record takes effect, CDN acceleration is automatically enabled for the domain name.

Note

- After you add a CNAME record, it immediately takes effect. After you modify a CNAME record, the modifications take effect within 72 hours.
- After you add a CNAME record, it takes approximately 10 minutes for the system to update the status in the console. The system may prompt that you must add a CNAME record. Ignore the message.

3. Check whether the CNAME record has taken effect.

- Open the Command Prompt in Windows.
- Use the Command Prompt to **ping** the accelerated domain name. If the CNAME in the output matches the CNAME assigned to the accelerated domain name in the Alibaba Cloud CDN console, it indicates that the CDN service is enabled for the domain name.

```
C:\Users\>ping .cn
Ping [ .cn.w.kunlunar.com [ 06 ] 32 :
: = 32 = 16ms TTL=105
: = 32 = 12ms TTL=105
: = 32 = 12ms TTL=105
: = 32 = 14ms TTL=105
```

6.Delete an accelerated domain name

If you no longer need to use Alibaba Cloud Content Delivery Network (CDN) to accelerate access to a domain name, you can delete the accelerated domain name in the console. After the accelerated domain name is deleted, you are no longer charged for the domain name.

Context

After you activate Alibaba Cloud CDN, you cannot disable it by deleting your Alibaba Cloud account. To stop using Alibaba Cloud CDN, delete the accelerated domain names.

Procedure

1. Log on to the [Alibaba Cloud CDN console](#).
2. In the left-side navigation pane, click **Domain Names**.
3. On the **Domain Names** page, find the accelerated domain name that you want to delete, click the More icon in the Actions column, and then select **Delete**.

Note If you want to suspend Alibaba Cloud CDN for an accelerated domain, select **Disable**. After an accelerated domain name is disabled, requests are directly sent to the domain name instead of the CNAME. However, the DNS settings of the domain name are retained on the CDN nodes. If the DNS settings are cached on the local DNS servers, or you have specified the DNS settings in the hosts file to resolve the accelerated domain name to a CDN node, traffic is still forwarded to Alibaba Cloud CDN. Therefore, you must delete the accelerated domain name from Alibaba Cloud CDN to ensure that no unnecessary charges are incurred.

Domain Name	CNAME	Status	HTTPS	Created At	Tags	Actions
[Redacted].com	✓ [Redacted].w.alikunlun.com	Enabled	Disabled	Aug 22, 2019 8:35 PM	[Icon]	Manage Copy Configurations
[Redacted].com	✓ [Redacted].w.alikunlun.com	Enabled	Enabled	Aug 22, 2019 8:34 PM	[Icon]	Manage Copy Configurations

4. In the message that requires you to confirm the operation, click **OK**.
5. In the **SMS Verification** dialog box, click **Obtain**.

SMS Verification

Linked Phone: 185****2962 [Change Linked Phone](#)

Verification Code: [Get Verification Code](#)

[OK](#) [Cancel](#)

6. A verification code is sent to the phone number associated with your Alibaba Cloud account. Enter the **verification code** into the verification code field.
7. Click **OK**.