

# Content Delivery Network Tools Instructions Product Documentation





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# Tools Instructions Advanced Tools IP Blacklist/Whitelist Configuration

Last updated : 2019-09-26 11:05:47

CDN supports configuring IP blacklist/whitelist that enables you to create filtering policies for source IPs of user requests based on your business needs, helping prevent hotlinking and attacks from malicious IPs.

# **Configuration Guide**

- 1. Log in to the CDN Console and click **Domain Management** on the left sidebar to enter the management page.
- 2. In the list, find the row of the domain to be edited and click Manage in the operation column.

CDN China	«	Dom	nain Manage	ement						
		+ c	reate a distribution	Activate CDN	Deploy to oversea CDN	More actions v			Search domain	by keywords Q
Overview			Domain		Status 🖓		Origin Type ヤ	Business Type 🏹	Project 🖓	Operation
Domain Managemen	it						COS Origin	Static content	Default	Manage
Purge Cache										
Statistics	~						COS Origin	Static content		Manage
Logs										
Advanced	~									
Inspect Tool	$\sim$									
Hosted Sources	$\sim$									

3. Click the Access Control tab and configure the IP Blacklist & Whitelist module.

- IP blacklist/whitelist are disabled by default. IP blacklist and whitelist are incompatible with each other and cannot coexist. You can enter up to 100 entries in the blacklist or up to 50 entries in the whitelist separated by line breaks (one entry per row).
- Currently, only IP ranges in the following formats are supported: /8, /16, /24, and /32. When both the IP blacklist and whitelist are empty, the blacklist/whitelist feature is disabled.



IP Blacklist & Whitelist 🕜 Edit	
Set an IP blacklist and whitelist to filter requesting IPs. What't IP blacklist and whitelist	212
No IP blacklist/whitelist rules set	

#### Whitelist Configuration

1. In the IP Blacklist & Whitelist module, click Edit and select IP Whitelist to configure the whitelist.

Overview	Basic Configuration Access Co	ntrol Cache Configuration	Origin Configuration	Advanced Configuration
Domain Management	Ignore Parameter	Edit IP Blacklist & Whitelist		×
Purge Cache	The CDN server will ignore all paran			
Statistics 🗸 🗸 🗸	Ignore Parameters: 📃 🗙	One per line; linefeed break; no duplication If IP blacklist and whitelist are left blank, th	n e IP blacklist/whitelist feature is d	lisabled
Logs		Supported IP range formats: 127.0.0.1/6, 1.	27.0.0.1/10, 127.0.0.1/24, 127.0.0.1	1/32
Advanced 🗸	Hotlink Protection  Edit Hotlink protection configuration will	Type O IP Blacklist <ul> <li>IP Whitelis</li> </ul>	t	
Inspect Tool ×	No hotlink protection rules set	Please enter an IP (e.g. 203.123.123.123) o	or a range (e.g. 203.123.123.123/2	(4)
<b>₽_</b> Switch to International	IP Blacklist & Whitelist 🖋 Edit Set an IP blacklist and whitelist to fil No IP blacklist/whitelist rules set	Allowed to enter: <b>50</b> .		_
	IP Access Limits	ОК	Cancel	_

2. Enter the IPs in the input box and submit to enable the IP whitelist. The requested content will be returned only if the source IP matches an IP address or IP range in the whitelist; otherwise, a 403 error will be returned.

#### **Blacklist Configuration**



1. In the IP Blacklist & Whitelist module, click Edit and select IP Blacklist to configure the blacklist.

Overview	Basic Configuration Acce	ss Control Cache Configuration	Origin Configuration	Advanced Configuration
Domain Management	Ignore Parameter	Edit IP Blacklist & Whitelist		×
Purge Cache	The CDN server will ignore all pa	ran		
Statistics 🗸 🗸	Ignore Parameters: 📃 🗙	One per line; linefeed break; no duplicati If IP blacklist and whitelist are left blank,	on the IP blacklist/whitelist feature is	disabled
Logs		Supported IP range formats: 127.0.0.1/8,	127.0.0.1/16, 127.0.0.1/24, 127.0.0	0.1/32
Advanced 🗸	Hotlink Protection 🎤 Edit	Type 💿 IP Blacklist 🔷 IP Whitel	ist	
Inspect Tool 🛛 🗸	Hotlink protection configuration	wil		
Hosted Sources 🛛 🗠	No hotlink protection rules set	127.0.0.1/24		
<b>↓</b> Switch to International	IP Blacklist & Whitelist 🎤 Edit Set an IP blacklist and whitelist t	ə fil		
	No IP blacklist/whitelist rules set	Allowed to enter: 98.		
		OK	Cancel	
	IP Access Limits		Cancer	_
	Set an access frequency limit for	a single IP to resist CC attacks. What's IP ac	cess limit? <sup>12</sup>	

2. Enter the IPs in the input box and submit to enable the IP blacklist. If the source IP matches an IP address or IP range in the blacklist, a 403 error will be returned; otherwise, the requested content will be returned normally.

### **Configuration Case**



Overview	Basic Configuration	Access Control	Cache Configuration	Origin Configuration	Advanced Configura		
Domain Management	Ignore Parameter	Edit IP	Blacklist & Whitelist		×		
Purge Cache Statistics $\checkmark$ Logs	The CDN server will ignore Ignore Parameters:	all paran One pe If IP bla Suppor	r line; linefeed break; no duplicati cklist and whitelist are left blank, ted IP range formats: 127.0.0.1/8,	ion the IP blacklist/whitelist feature is 127.0.0.1/16, 127.0.0.1/24, 127.0.0	disabled 0.1/32		
Advanced × Inspect Tool × Hosted Sources ×	Hotlink Protection 🖋 Edit Hotlink protection configur No hotlink protection rules	Type ( ation wil set	Type O IP Blacklist IP Whitelist				
도 Switch to International	IP Blacklist & Whitelist 💉 Set an IP blacklist and white No IP blacklist/whitelist rule	Edit elist to fil Allowed	to enter: 50.				
	IP Access Limits		ОК	Cancel	_		

If the IP blacklist/whitelist configuration of the domain name www.test.com is as follows:

Then:

- When a user with IP 1.1.1 requests the resource http://www.test.com/1.jpg , as the IP is matched in the whitelist, the requested content will be returned.
- When a user with IP 2.2.2.2 requests the resource http://www.test.com/1.jpg , as the IP is not matched in the whitelist, a 403 error will be returned.

# Manage Traffic Packages

Last updated : 2018-04-03 16:34:50

If your billing method is Pay by Traffic, you can purchase a traffic package for cost saving. You can check the usage of traffic package in CDN Console to keep track of the balance of traffic package in real time and top it up in time so that your use of CDN services will not be affected.

Log in to CDN Console and select **Advanced** page. You'll see the **Traffic Package Management** feature provided by CDN:

CDN China	«	Traffic Pack Ma Available Traffic I	nagement Packs Expired		Purcha	se Traffic Packs Traffic Pack Usage
Overview						
Domain Management		Туре	Usage	Obtained time ‡	Expiry Time <b>‡</b>	Source
Purge Cache		undefined	Used: NaNTB(Total: NaNTB)			WeChat Official Account
Statistics V		FREE data pack	Used: 0B(Total: 10.00GB)	2017-05-01 05:35	2017-06-01	Tencent Cloud
Advanced V		Newbie data pack	Used: 9.90KB(Total: 50.00GB)	2017-05-01 00:00	2017-06-01	WeChat Official Account
Certificates		Newbie data pack	Used: 0B(Total: 50.00GB)	2017-06-01 00:00	2017-07-01	WeChat Official Account
Inspect Tool		Newbie data pack	Used: 0B(Total: 50.00GB)	2017-07-01 00:00	2017-08-01	WeChat Official Account
Hosted Sources						
<b>↓</b> Switch to International						
		Total 5 items			Lines per page:	10▼ K < 1/1 > >

This page provides the history of purchase and usage of traffic packages.

# Diagnosis Tools Verify Tencent IP

Last updated : 2019-08-26 10:34:25

Tencent Cloud CDN offers a tool to check if a node IP is hosted by its own cloud. You can use this tool to check whether the node IP is a Tencent Cloud CDN node IP.

#### 1. Log in to the CDN Console.

2. In the left sidebar, click **Diagnostic Tools** > **Verify Tencent IP** to enter the management page.

erify Tencent	Cloud CDN IP
Verify Server IP	Enter IP addresses you want to query (up to 20, one per line)
	Verify Verify whether the specified IP is a Tencent Cloud CDN server IP; support IPv6 format II

3. Enter the IP you wish to query in the text box (one IP per line and up to 20 at a time) and click **Verify**.



4.  $\circ~$  If the IP is of a Tencent Cloud CDN node, its specific region will be displayed.

Verify Tencent Cloud CDN IP							
Verify Server IP	121.51.184.105						
IP	Verify Verify whether the specified IP is a Tencent Cloud CDN server IP; support IPv6 format IP Whether a Tencent Cloud CDN server	Region					
121.51.184.105	Yes	Guangdong					

• Otherwise, the region will be displayed as "unknown".

Verify Tencent	Cloud CDN IP		
Verify Server IP	Verify         Verify whether the specified IP is a Tencent Cloud CDN server IP; support IPv6 format IP		
IP	Whether a Tencent Cloud CDN server	Region	
	No	Unknown	

# Self Troubleshooting Tool

Last updated : 2018-06-07 19:15:05

# Overview

CDN provides a self-diagnose tool that helps you perform self-inspection when you find that there is a problem while accessing a resource URL. The process of self-diagnose includes a series of inspection items such as checking the DNS resolution of connected domain, connection quality, the availability of sites and the consistency of data access, to help you locate the problem and provide solutions.

Note: The resource URL to be diagnosed must be an "Activated" domain under your account. The bandwidth generated during the diagnosis process will be calculated as billing bandwidth. It is suggested that the target resources to be diagnosed do not exceed 200MBytes.

### Instructions

#### **Current Device Access Diagnosis**

You can initiate diagnosis through "Current device access diagnosis" when you find that there is a problem while accessing a resource. The procedure for current device access diagnosis is as follows:

- 1. From the console, go to Inspect Tool >> Self-diagnose page and select "Current device access diagnosis" tab;
- Enter the resource URL to be diagnosed. Currently only URLs with the prefix "http://" are supported. Cannot diagnose URLs which start with "https" at this moment. Once the correct URL is entered, click "Get test URL", and a test address will be generated in the page;
- 3. Click the test address generated in step 2 to open the diagnosis page and start collecting diagnosis information. Please do not close the diagnosis page during the process, the page will close on its own when the process is completed;
- 4. After the diagnosis, you can go to "Diagnosis report" tab to review the results.

CDN China	Fault Self-diagnosis
Overview	Current device access diagnosis User access diagnosis Diagnosis report
Domain Management	Enter the abnormal URL
Purge Cache	
Statistics $\vee$	Please enter the abnormal URL Get test URL
Logs	Enter the abnormal URL to be diagnosed (include http://, https is not supported now) to check the DNS resolution, link quality, site availability, data access consistence Bandwidth consumed during diagnose will be counted to normal bandwidth usage. It's suggested to keep the diagnosis resource smaller than 200MB.
Advanced $\checkmark$	
Inspect Tool $\qquad \qquad \lor$	• Click the test URL to start diagnosis
<ul> <li>Verify Tencent IP Tool</li> </ul>	
• Self-diagnose	Test URL:
Hosted Sources $\checkmark$	
	O Click the test URL to start diagnosis. You can check diagnosis details in Diagnosis report.
$\Gamma_{1}$ Switch to International	

#### **User Access Diagnosis**

When a user reports that there is a problem while accessing resource, you can locate the problem using "User access diagnosis", and solve the problem through actions suggested by Tencent Cloud. The procedure for user access diagnosis is as follows:

- 1. From the console, go to Inspect Tool >> Self-diagnose page and select "User access diagnosis" tab;
- Enter the resource URL to be diagnosed. Currently only URLs with the prefix "http://" are supported.
   Cannot diagnose URLs which start with "https" at this moment. Once the correct URL is entered, click
   "Get test URL", and a test address will be generated in the page;
- 3. Send this test address to your user. Diagnosis information will be collected when your user opens the test URL. Please do not close the page during the process.
- 4. After the diagnosis, you can go to "Diagnosis report" tab to review the results that have been collected from the user.

CDN China «	Fault Self-diagnosis
Overview	Current device access diagnosis User access diagnosis Diagnosis report
Domain Management	O Enter the abnormal URL
Purge Cache	
Statistics $\vee$	Please enter the abnormal URL Get test URL
Logs	Enter the abnormal URL to be diagnosed (include http://, https:/s.not.supported.now/loc.check.the DNS resolution, link quality, site availability, data access consistence Brend tights memory and during difference will be any other than the transference of the angeothermatic access the second beam of the angeothermatic access and the second beam of the access the brance beam of the access the a
Advanced $\vee$	bandwidth consumed during diagnose will be counted to normal bandwidth usage. It's suggested to keep the diagnosis resource smaller than 200mb.
Inspect Tool	O Send the test URL to users encounter problems. Diagnosis starts when the user open the URL.
<ul> <li>Verify Tencent IP Tool</li> </ul>	
• Self-diagnose	Test URL:
Hosted Sources	
<b>₽</b> Switch to International	O Diagnosis starts when your user clicks the test URL. You can check diagnosis details in Diagnosis report.

#### **Reviewing the Diagnosis Report**

From the console, go to Inspect Tool >> Self-diagnose page and select "Diagnosis report" tab to see a list of diagnosis reports. Diagnosis reports that have been generated will be presented in the page, sorted by time of creation.

	Fault Self-	diagnosis							
Overview	Current devic	e access diagnosis	User access diagnosis	Diagnosis re	port				
Domain Management								http://www.sele	nawang.com Q
Purge Cache	Report ID	URL domain name		Visitor IP	Visit region	Access time	Diagnosis sou	Status	Operation
Statistics 🗸 🗸	8189							Abnormal	Check Copy URL
Logs									
Advanced 🗸									
Inspect Tool 🗸 🗸									
<ul> <li>Verify Tencent IP Tool</li> </ul>									
• Self-diagnose									
Hosted Sources $\checkmark$									
<b>↓</b> Switch to International									

You can click "Check" to view the details of the report.

CDN China	< Back
Overview	Diagnosis object
Domain Management	Diagnosis ID
Purge Cache	Abnormal URL
Statistics 🗸	Abnormal domain name
Logs	Origin type
	Diagnosis time
Advanced	
Inspect Tool 🗸 🗸 🗸	Diagnosis report
<ul> <li>Verify Tencent IP Tool</li> </ul>	
• Self-diagnose	Diagnosis ite Status Diagnosis result Operation
Hosted Sources	CNAME ⊘ Normal -
$\ensuremath{\mathbb{F}}_1^{\star}$ Switch to International	DNS resolution 🛞 Failed to get server IP Check details 🗸 Please contact our staff for details.
	Site availability 🛞 Node connection normal. origin IP Connection error Please contact our staff for details.
	Link quality
	Data access co
	If the diagnosis can not solve your problem, Submit a ticket Contact us

The Report Details page is divided into two sections, "Diagnosis object" and "Diagnosis report":

**Diagnosis object**: Contains Diagnosis ID, abnormal URL, abnormal domain name, origin type information. **Diagnosis report:** Contains diagnosis results about CNAME, DNS resolution, site availability, link quality, and data access consistency.

#### Item 1: CNAME

- 1. Normal: If the CNAME that is actually resolved from the diagnosis domain is consistent with the CNAME that should be deployed and resolved, the result will be "normal".
- 2. Abnormal CNAME Configuration: If the CNAME that is actually resolved from the diagnosis domain is not consistent with the CNAME that should be deployed and resolved, the result will be "abnormal". You can click "Check details" to review the CNAME that is actually resolved and the one that should be deployed and resolved as well as its CDN provider. Only one CNAME is presented in the details if multiple CNAMEs are actually resolved from the diagnosis domain. In this case, it is suggested that you change the CNAME configuration at the DNS service provider. If the CNAME configuration is abnormal, other diagnosis items will not be commenced.

#### Item 2: DNS Resolution

- 1. Normal: If the actual node accessed by the diagnosis domain is consistent with the optimal node, the result will be "normal". You can click "Check details" to review Client IP, Local DNS, IPs of the actual node and the optimal node, regions and ISP information
- 2. Non-optimal path: If the actual node accessed by the diagnosis domain is different from the optimal node, the result will be "non-optimal path". It is suggested that you contact Tencent Cloud technicians.
- 3. Failed to obtain node IP: Under circumstances such as when the IP of the diagnosis domain is hijacked, or the connection to the node failed, the diagnosis result will be "failed to obtain node IP". It is suggested that you contact Tencent Cloud technicians.

#### Item 3: Site availability

- 1. Normal: If the connections to the node and the origin server are normal, the diagnosis result will be "normal connections to node and origin server"
- 2. Abnormal: If the connections to the node or the origin server are abnormal, the diagnosis result will be "abnormal connection to node" or "abnormal connection to origin server" or "abnormal connection to both node and origin server". It is suggested that you contact Tencent Cloud technicians.

#### Item 4: Link quality

- 1. Normal: If the access to the diagnosis domain is normal, the diagnosis result will be "normal", and the total resource access latency will be presented. You can also click "Check details" to review details about the time spent within every part of the link.
- 2. Abormal: If the access to the diagnosis domain failed, the diagnosis result will be "abnormal". It is suggested that you contact Tencent Cloud technicians. If link quality is diagnosed as abnormal, data access consistency diagnosis will not be commenced.

#### Item 5: Data Access Consistency

- 1. Normal: If diagnosed resources can be normally accessed at the origin and the node plus they have the same MD5, the diagnosis result will be "normal". You can click "Check details" to review the information about the resources at origin server and node.
- 2. Abnormal origin server resource: If a status code such as 4XX, 5XX occurred when accessing resources at the origin server, or the MD5 values of resources on different origin servers are inconsistent, the diagnosis result will be "abnormal origin server resource". It is suggested to check the resources at the origin server. You can also click "Check details" to review more details about the resources at origin server and node.
- 3. Abnormal CDN resource: If resources at origin server are normal, but a status code of 4XX or 5XX was returned when accessing resources at the node, or the MD5 values of resources at origin and node are inconsistent, the diagnosis result will be "abnormal CDN resource". It is suggested that you contact

Tencent Cloud technicians. You can also click "Check details" to review more details about the resources at origin server and node.

If you're not able to solve the problem using the diagnosis report, we suggest that you submit a ticket, or contact Tencent Cloud technicians for troubleshooting.

# Cache Purge

Last updated : 2019-09-26 12:08:54

Cache purge includes URL purge, directory purge, and URL prefetch. URL purge means to purge the cache on a file-by-file basis. Directory purge means to purge all the files under a directory. URL prefetch means to prefetch resources on a file-by-file basis.

Purge vs. prefetch:

- Once a resource is purged, its cache on all the CDN nodes across the entire network will be deleted.
   When a user requests arrives at a node, the node will pull the corresponding resource from the origin server, return it to the user, and cache it to the node so as to ensure that the user can obtain the latest resource.
- When a resource is prefetched, it will be cached in advance to all the CDN nodes across the entire network. When a user request arrives at a node, the resource can be directly obtained on the node.

After you update a resource on the origin server, if you want the user to access the updated resource directly, you can use the **URL purge** or **directory purge** feature. If you want CDN to proactively cache the resource from the origin server to the CDN nodes, you can use the **URL prefetch** feature.

The update mechanism for resources cached on the CDN nodes is generally controlled by cache expiration time. Configuring a reasonable cache expiration time policy can effectively reduce origin-pull rate. For more information, see Cache Expiration Configuration.

### URL Purge

- A maximum of 10,000 URLs can be purged each day, and a maximum of 1,000 URLs can be submitted for each purge task. It takes about 5 minutes for the purge to take effect.
- It takes about 5 minutes for URL purge to take effect. If the cache validity period set for a file is less than 5 minutes, it is recommended to wait for update upon timeout instead of using the purge tool.
- Purge is supported only for URLs that contain English characters. If a URL contains any non-English characters, it should be escaped first before a purge task can be submitted for it.

Log in to the CDN Console, click **Purge Cache** on the left sidebar to enter the cache purge page, and select **Purge URL**.

CDN China «	Purge cache
Overview Domain Management	Purge URL       Purge directory       Prefetch URL       History         Enter URL of the object you want to purge (include http:// or https://); one per line       Purge API by URL ©
Purge Cache	Up to 10000 URLs can be purged every day (up to 1000 for each time). The operation may take about 5 minutes.
Statistics $\checkmark$	
Logs	
Advanced 🗸	
Inspect Tool 🗸 🗸	
Hosted Sources	Submit and nume
<b>↓</b> Switch to International	
	Available purge URLs for today: 10000

Enter the object URL to be purged in the text box (you need to enter the prefix "http://" or "https://"; one entry per row); for example:

http://www.abc.com/test.html http://www.def.com/image.png

Then, click **Submit and Purge**. After the task is submitted, you can view the remaining available URL purges for today in the bottom-left corner of the page.

# **Directory Purge**

- A maximum of 100 directories can be purged each day, and a maximum of 20 URL directories can be submitted for each purge task. It takes about 5 minutes for the purge to take effect.
- It takes about 5 minutes for directory purge to take effect. If the cache validity period set for a directory is less than 5 minutes, it is recommended to wait for update upon timeout instead of using the purge tool.

Log in to the CDN Console, click **Purge Cache** on the left sidebar to enter the cache purge page, and select **Purge Directory**, which is currently available in two ways:

• Purge updated resources: Purge only modified resources by comparing the Last-Modify time.

• Pure all resources: Purge all resources no matter whether they are changed. If you perform this operation, all resources in the directory on all the CDN nodes across the entire network will be deleted, leading to more origin-pulls and higher pressure on the origin server. Please be cautious.

CDN China	Purge cache
Overview	Purge URL Purge directory Prefetch URL History
Domain Management	Enter URL of the directory you want to purge (include http:// or https://): one per line Purge API by directory 0 Up to 100 URLs can be prefetched every day (up to 20 for each time). The operation may take about 5 minutes.
Purge Cache	
Statistics $\vee$	
Logs	
Advanced $\checkmark$	
Inspect Tool	
Hosted Sources $\checkmark$	
<b>↓</b> Switch to International	Submit and purge
	Available purge directories for today: 100

Enter the directory URL to be purged (you need to enter the prefix "http://" or "https://"; one entry per row); for example:



Then, click **Submit and Purge**. After the task is submitted, you can view the remaining available directory purges for today in the bottom-left corner of the page.

### **URL** Prefetch

- URL prefetch is available only to key accounts of the CDN service for the time being.
- If the resource has been cached on CDN nodes and has not expired, it will not be updated to the latest version. If you need to update the resource on all nodes to the latest version, you can purge it before prefetch.
- A maximum of 1,000 URLs can be prefetched each day, and a maximum of 20 URLs can be submitted for each prefetch task. It takes about 5 to 30 minutes for the prefetch to take effect, depending on the file size;

Log in to the CDN Console, click **Purge Cache** on the left sidebar to enter the cache purge page, and select **Prefetch URL**.

CDN China «	Purge cache
Overview	Purge URL Purge directory Prefetch URL History  Enter URL of the object you want to prefetch (include http:// or https://): one per line
Domain Management	Up to 1000 URLs can be prefetched every day (up to 20 for each time). The operation may take about 5-30 minutes, depending on the file size.
Purge Cache	
Statistics $\vee$	
Logs	
Advanced $\vee$	
Inspect Tool	
Hosted Sources	Submit and prefetch
<b>↓</b> Switch to International	
	Available prefetch URLs for today: 1000

Enter the object URL to be prefetched (you need to enter the prefix "http://" or "https://"; one entry per row); for example:

http://www.abc.com/test.html
http://www.def.com/image.png

Then, click **Submit and Prefetch**. After the task is submitted, you can view the remaining available URL prefetches for today in the bottom-left corner of the page.

### **Operation Record**

You can view the record of URL purges, directory purges, and URL prefetches in the specified period of time.

Log in to the CDN Console, go to the **Purge Cache** page, and select **Operation Record**. Select a **date** and **query type**, enter a **keyword**, and click **Query**. The operations will be displayed in the table below:

Purge cache	
Purge URL	Purge directory Prefetch URL History
	Select a date: 2017-12-25 I Check keywords: Please enter the keyword Query type: Purge URL Purge directory Prefetch URL Check

# Video Dragging Configuration

Last updated : 2019-09-26 12:25:39

 The action of video dragging mainly occurs in VOD scenarios. When a user drags the video progress bar, a request similar to the one as shown below will be sent to the server: http://www.test.com/test.flv?start=10

In this case, data will be returned starting from the 10th byte. Video files in VOD scenarios are all cached on various CDN nodes; therefore, the nodes can directly respond to such requests once this configuration is enabled.

• When enabling video dragging, you need to enable the ignore query string feature too, and the origin server should support range requests. Files in MP4, FLV and TS are supported:

File Type	meta Information	start Parameter Description	Sample Request
MP4	For a video on the origin server, the meta information must be located in the file header. Videos with meta information located at the file end are not supported	The start parameter specifies a time (in seconds) and uses decimal to specify a millisecond (for example, start = 1.01 means that the starting time is second 1.01). CDN will locate the last key frame before the time specified by the start parameter (if start is not a key frame)	http://www.test.com/demo.mp4? start=10 The video will be played back starting from the 10th second
FLV	The video on the origin server must have meta information	The start parameter specifies a byte. CDN will automatically locate the last key frame before the byte specified by the start parameter (if start is not a key frame)	http://www.test.com/demo.flv? start=10 The video will be played back starting from the 10th byte

File Type	meta Information	start Parameter Description	Sample Request
TS	No special requirements	The start parameter specifies a time (in seconds) and uses decimal to specify a millisecond (for example, start = 1.01 means that the starting time is second 1.01). CDN will locate the last key frame before the time specified by the start parameter (if start is not a key frame)	http://www.test.com/demo.ts? start=10 The video will be played back starting from the 10th second

# Configuration Guide

- 1. Log in to the CDN Console and click **Domain Management** on the left sidebar to enter the management page.
- 2. In the list, find the row of the domain name to be edited and click **Manage** in the operation column.

CDN China	«	Domain Manage	ement						
		+ Create a distribution	Activate CDN	Deploy to oversea CDN	More actions v			Search domain	by keywords Q
Overview		Domain		Status 🝸		Origin Type ヤ	Business Type 💙	Project 🖓	Operation
Domain Management Purge Cache						COS Origin	Static content	Default	Manage
Statistics 🗸						COS Origin	Static content		Manage
Logs									
Advanced $\checkmark$									
Inspect Tool $\checkmark$									
Hosted Sources $\lor$									

3. Click the **Access Control** tab and configure the **Video Dragging** module. Video dragging is disabled by default.

Video Dragging	
By enabling this, you can specify the start point via "start". mp4, flv and ts files are supported. Query string should be ignored as well. What's Video Drag	ging? 🖸
Video Dragging:	

4. Toggle the video dragging switch on. If the ignore query string feature is disabled, enabling video dragging will automatically enable that feature.



