

Content Delivery Network

API Documents

Product Introduction



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Introduction

Last updated : 2017-08-18 11:30:38

Content delivery network (CDN) service deploys your business content to the edge node nearest to your users so as to allow them to acquire desired content from the node, improving response speed and success rate for user accesses. This will solve the problems such as high latency, poor user experience caused by factors like regions, bandwidth and server capacities.

Users can perform relevant operations such as connecting domains, modifying domain configurations, querying consumption data, purging resources, by using APIs which will be introduced in this document. For details about supported operations, please refer to [API Overview](#).

Please make sure that you have a thorough understanding of [CDN Product Introductions](#) and [Billing Instructions](#) before using these APIs.

1. Glossary

To allow you to understand the concepts of CDN faster, we have made explanations about some of the commonly used terms in this table:

Term	Full Name	Description
CDN	Content Delivery Network	Acceleration method, which deploys business contents to edge nodes and allow users to acquire desired content faster.
CNAME	Canonical Name	Canonical name record used for domain resolution. You can set CNAME at the domain service provider.
Origin	Origin Server	Business server owned by the user

2. API Quick Start

You need to complete the following two steps before you can use CDN:

1. Adding Domain

You can use the [Add Accelerated Domain](#) API to add your domain into CDN (The domain is required to have been licensed by MIIT and have not been connected to Tencent Cloud CDN). Once added, CDN will assign a corresponding CNAME for the domain, which can be viewed from the console.

2. Configuring CNAME

Go to the domain service provider and [configure CNAME](#) which you obtained in the last step. You will be able to start using CDN service once the domain resolution is in effect.

3. Service Limits

Currently, all users may use CDN service in any scenarios.

API Overview

Last updated : 2018-09-19 15:54:45

Domain Name Management

API	Action Name	Description
Add accelerated domain name	AddCdnHost	Add a domain to CDN
Enable CDN domain name	OnlineHost	Enable the acceleration service for a domain name
Disable CDN domain name	OfflineHost	Disable the acceleration service for a domain name
Delete accelerated domain name	DeleteCdnHost	Delete an accelerated domain name

Configuration Management

API	Action Name	Description
Modify domain configuration	UpdateCdnConfig	<p>Modify the acceleration configuration for a domain name. The following configuration items can be modified:</p> <ul style="list-style-type: none"> Modify origin server configuration Modify slave server information Modify host header Enable/disable "Ignore query string" Modify refer blacklist/whitelist configuration Modify IP blacklist/whitelist configuration Enable/Disable video dragging Modify cache expiration time configuration Enable/Disable advanced cache expiration configuration Enable/Disable Intermediate server configuration Configure capped bandwidth Set response header Set request header

API	Action Name	Description
HTTPS Configuration	SetHttpsInfo	You can configure HTTPS acceleration by uploading a certificate Change the origin-pull method to protocol following or HTTP You are allowed to modify the configuration of HTTPS forced redirection
Switch project of domain name	UpdateCdnProject	Modify the project of a domain name

Configuration Query

API	Action Name	Description
Query domain name list	DescribeCdnHosts	Query the configuration of a domain name
Query domain name configuration (domain name)	GetHostInfoByHost	Query the configuration by a specified domain name
Query domain name configuration (ID)	GetHostInfoById	Query the configuration by a specified domain name ID

Data Query

API	Action Name	Description
Query statistical summary	DescribeCdnHostInfo	Query the following statistical summary items in a specified time range for a domain name: Peak bandwidth Total traffic Total number of requests Average value of request number hit rate

API	Action Name	Description
Query consumption details	DescribeCdnHostDetailedInfo	Query the following statistical details in a specified time range for a domain name: Bandwidth Traffic Number of requests Hit traffic Number of hit requests Status codes
Query the statistical details of origin-pull	GetCdnOriginStat	Query the statistical details of the following origin-pull items in a specified time range for a domain name: Origin-pull bandwidth Origin-pull traffic Number of origin-pull requests Number of failed origin-pull requests
Query TOP 100 URLs	GetCdnStatTop	The statistics at the following detentions are sorted by specified traffic/number of requests: Statistics of TOP 100 URL Ranking of provinces Ranking of ISPs
Query details by ISPs/provinces	GetCdnProvIspDetailStat	Query the details of bandwidth by specified provinces and ISPs

Purge and Prefetch

API	Action Name	Description
Query purge logs	GetCdnRefreshLog	Query the execution status of submitted purge tasks
URL purge	RefreshCdnUrl	Submit URL for purge
Directory purge	RefreshCdnDir	Submit directory for purge
URL prefetch	CdnPusherV2	Submit URL for prefetch (under internal trial)
Query prefetch logs	GetPushLogs	Query the execution status of submitted prefetch tasks (under internal trial)

API	Action Name	Description
One-click purge of domestic and overseas resources	FlushOrPushOverall	Purge domestic and overseas CDN resources when submitting the URL

Log Query

API	Action Name	Description
Query log download links (V1)	GenerateLogList	Query daily log download links of a domain name in a month based on the domain name ID entered by user (only one ID is allowed)
Query log download links (V2)	GetCdnLogList	Query download links for logs in a specified time range, based on the domain name entered by user

Sample Codes

Last updated : 2017-03-21 16:58:06

To help you quickly use the Content Delivery Network (CDN) API, we will give you an example.

To use the Content Delivery Network, you need to add an accelerated domain to the CDN first. The domain must meet the following conditions:

- It has not been added to Tencent Cloud CDN;
- It has been filed with MIIT for the record.

Add Accelerated Domain

Here we add a domain `www.test.com` to Tencent Cloud CDN. We specify the project as default project (project ID is 0), self-owned origin as the connection method, and 8.8.8.8 as the origin server IP address. The API request parameters are as follows:

Parameter Name	Description	Value
host	The domain host to be added	www.test.com
projectId	The project to which the specified domain is added	0
hostType	The connection type. Only two values are available: "cname" means that the user is using a self-owned origin server, and "ftp" means that the user is using FTP hosted origin provided by CDN. Note: If you select FTP origin, you do not need to enter origin server configurations.	cname
origin	Origin server configuration. This can be set to an origin server domain, or set to multiple origin server IPs (the "ip: port" type is supported, such as 8.8.8.8:8080). The port number should be between 0 and 65535 (exclusive of 0)	8.8.8.8

By combining common request parameters and API request parameters, you can get the final form of request as follows:

```
https://cdn.api.qcloud.com/v2/index.php?  
Action=AddCdnHost  
&SecretId=XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
&Timestamp=1462440051
```

```
&Nonce=123456789
&Signature=XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
&host=www.test.com
&projectId=0
&hostType=cname
&origin=8.8.8.8
```

The returned result of the above request is as follows, which indicates that the domain has been successfully added:

```
{
  "code": 0,
  "message": "",
  "codeDesc": "Success"
}
```

Calling Method

Request Structure

Request Structure

Last updated : 2017-03-21 16:57:15

The calls to Tencent Cloud APIs are achieved by sending requests to the server IP addresses of these APIs and adding relevant request parameters in the requests as described in API descriptions. A request for calling Tencent Cloud API is made up of the following elements:

1. Service Address

The service connection address of Tencent Cloud APIs depend on the modules. For more details, refer to the API descriptions.

2. Communication Protocol

All Tencent Cloud APIs make communications over **HTTPS** to provide high-security channels.

3. Request Methods

Tencent Cloud APIs support both POST and GET requests.

Note:

- 1. The two methods cannot be mixed. If GET method is used, parameters are obtained from the Querystring. If POST method is used, parameters are obtained from the Request Body, and the parameters in the Querystring will be ignored. The rules for parameter formats are the same for both methods. Generally, GET method is used, while POST method is used if the parameter strings are too long.**
- 2. If GET method is used, all request parameters need to be encoded with URL encoding. If POST method is used, this is not needed.**

4. Request Parameters

Two kinds of parameters are needed to specified for each request for Tencent Cloud APIs - common request parameters and API request parameters. Common request parameters are the parameters common to all APIs (For more details, refer to [Common Request Parameters](#) section), while API request parameters are parameters specific to each API (For more information, refer to "Request Parameters" description of each API.)

5. Character Encoding

All requests for Tencent Cloud APIs and returned results use UTF-8 character set for encoding.

Public Request Parameters

Last updated : 2017-05-08 11:24:06

Common request parameters are the parameters common to all APIs, and will not be discussed in the document for each API unless it is necessary to do so. They are required in each request for the request to be initiated normally. The first letter of each common request parameter is uppercase so that the parameter can be differentiated from API-specific request parameters.

Common request parameters are listed as follows:

Name	Type	Description	Required
Action	String	The name of the API for the desired operation. For example, if you want to call the API of Query Domain Information , the Action parameter is DescribeCdnHosts.	Yes
Region	String	Identify the region to which the instance you want to operate belongs. The parameter values for regions are as follows: Beijing: bj, Guangzhou: gz, Shanghai: sh, Hong Kong: hk, North America: ca. Note: CDN is not region-specific, so this parameter is not required.	No
Timestamp	UInt	The current UNIX timestamp that records the time at which the API request was initiated.	Yes
Nonce	UInt	A random positive integer that is used in conjunction with Timestamp to prevent replay attacks.	Yes
SecretId	String	SecretId for identifying identity that is applied for on Cloud API Key . A SecretId corresponds to a unique SecretKey, which is used to generate the request Signature. For more information, please refer to Signature Method .	Yes
Signature	String	Request signature used to verify the legitimacy of the request and automatically generated by system according to input parameters. For more information, please refer to Signature Method .	Yes

Assuming that the user wants to query the list of all domains connected to CDN, the request link may be as follows:

```
https://cdn.api.qcloud.com/v2/index.php?  
Action=DescribeCdnHosts
```

```
&SecretId=xxxxxxx  
&Timestamp=1465055529  
&Nonce=59485  
&Signature=mysignature  
&<API Request Parameters>
```

A complete request needs two types of request parameters: common request parameters and API request parameters. Only five common request parameters are listed above (Region parameter is not required). For information on API parameters, refer to [API Request Parameters](#) section.

API Request Parameters

Last updated : 2017-03-21 16:57:24

API request parameters are specific to each API. This means that different APIs support different API request parameters. The first letter of each API request parameter is lowercase so that the parameter can be differentiated from common request parameters.

Take [Query Domain Information by Domain](#) (GetHostInfoByHost) as an example. This API supports the following API request parameters:

Parameter Name	Required	Type	Description
hosts.n	Yes	String	Domain to be queried

The description of each field is as follows:

Parameter Name	The name of request parameter supported by the API, which the user can use as an API request parameter when using this API. Note: When a parameter name ends with ".n", it means the parameter is an array, and you need to pass the array parameters in sequence when using it. For example, when using "Query Domain Information by Domain" API (GetHostInfoByHost), if you pass the parameter hosts.0=www.abc.com&hosts.1=www.def.com, you will be querying information about two domains whose hosts are www.abc.com and www.def.com, respectively.
Required	Indicate whether this parameter is required. If it is "Yes", it means that the parameter is mandatory for the API; If it is "No", the parameter is not mandatory. If all the API request parameters are not mandatory, the API call can be achieved simply by using common request parameters.
Type	The data type of the API parameter.
Description	A brief description of the API request parameter.

Assuming that a user wants to query the details of www.abc.com and www.def.com, the request link may be as follows:

```
https://cdn.api.qcloud.com/v2/index.php?  
&<Common request parameters>  
&hosts.0=www.abc.com  
&hosts.1=www.def.com
```


A complete request needs two types of request parameters: common request parameters and API request parameters. Only API request parameters are listed above. For information on common request parameters, refer to [Common Request Parameters](#) section.

Final Request

Last updated : 2017-03-21 16:57:28

The final request URL is made up of the following elements:

- 1) Request domain: The request domain to query domain list (DescribeCdnHosts) is `cdn.api.qcloud.com`. The actual request domain varies depending on the module to which the API belongs. For more information, refer to descriptions of APIs.
- 2) Request path: The request path of Cloud API is always `/v2/index.php`.
- 3) Final request parameter string: By combining common request parameters and API request parameters, you can get the final form of request URL as follows:

```
https:// + request domain name + request path + ? +final request parameter string
```

The final request URL is as follows (the first five parameters are common request parameters, and the last two ones are API request parameters):

GET Request

```
https://cdn.api.qcloud.com/v2/index.php?  
Nonce=123456789  
&Timestamp=1462434006  
&Action=DescribeCdnHosts  
&SecretId=XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
&Signature=XXXXXXXXXXXXXXXXXXXXXXXX  
&offset=0  
&limit=10
```

POST Request

```
https://cdn.api.qcloud.com/v2/index.php
```

The array of parameters is as follows:

```
array (  
  'Nonce' => 123456789,  
  'Timestamp' => 1462782282,  
  'Action' => 'DescribeCdnHosts',  
  'SecretId' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX',
```

```
'Signature' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX',  
'offset' => '0',  
"limit" => '10'  
)
```

Returned Results

Correct Result

Last updated : 2017-03-21 16:57:37

If the API call succeeds, the error code in the returned result is 0, the error message field is left empty, codeDesc is Success, and the returned result is displayed.

Examples are as follows:

```
{  
  "code":0,  
  "message":"","  
  "codeDesc": "Success",  
  <Returned result>  
}
```

Wrong Result

Last updated : 2017-03-21 16:57:41

If the API call fails, the error code in the returned result is not 0, the message field displays the detailed error information, and codeDesc is the error code on business side. The user can query the error message according to the code in the error code page.

Example of returned error:

```
{
  "code": 4000,
  "message": "(9110) Information for this domain does not exist. cdn no such host",
  "codeDesc": 9110
}
```

Error Codes

Last updated : 2018-05-28 16:16:38

1. Common Error Code

The error code in the returned result indicates the result of user's call to a Cloud API. Code is a common error code that applies to the APIs of all modules. If the code is 0, it means the call succeeds. If not, it means the call fails. If the call fails, the user can find out the cause of the error based on the following table and take appropriate actions.

Error Code	Error Type	Description
4000	Invalid request parameters	The required parameters are missing, or the parameter values are not in the correct format. For specific error message, see the error description "message" field.
4100	Authentication failed	Signature authentication failed. Please refer to the Authentication section in the document.
4200	Request expired	The request has expired. Please refer to the Request Validity Period section in the document.
4300	Access denied	Account is blocked or not within the user range of the API.
4400	Quota is exceed	The number of requests exceeds the quota. Please refer to the Request Quota section in the document.
4500	Replay attack	The Nonce and Timestamp parameters can ensure that each request will be executed only once on the server. Therefore, the Nonce value cannot be the same as last one, and the difference between Timestamp and Tencent server time cannot be greater than 2 hours.
4600	Protocol is not supported	The protocol is not supported. Please refer to the relevant document.
5000	Resource does not exist	The instance corresponding to resource ID does not exist, or the instance has been returned, or another user's resource is accessed.
5100	Resource operation failed	The operation performed on the resource failed. For the detailed error message, refer to the message field in error description. Try again later or contact customer service personnel for help.

5200	Failed to purchase resource	The resource purchase failed. This is may be caused by unsupported instance configuration or insufficient resource.
5300	Failed to purchase resource	The resource purchase failed because of insufficient balance.
5400	Part of operations performed successfully	Part of batch operations have been performed successfully. For more details, see the returned value of method.
5500	User failed to pass identity verification	The resource purchase failed because the user failed to pass identity verification.
6000	Internal error on server	An internal error occurred on the server. Try again later or contact customer service personnel for help.
6100	Not supported by the version	This API is not supported in this version or the API is under maintenance. Note: When this error occurs, first check whether the domain name of the API is correct. Different modules may have different domain names.
6200	API is unavailable temporarily	The API is under maintenance and is unavailable. Please try again later.

2. Module Error Code

Message field indicates a module-related error.

Example:

```
"message": "(100004) projectId is incorrect"
```

It consists of two parts - the string within () indicates the module error code, and the string following () is the error description.

Different modules may produce different errors. The user can identify the cause of error based on error description.

Sample Codes

Last updated : 2018-07-26 10:16:43

Sample Download Links

CDN provides the following sample codes:

- PHP: [Get Code](#)
- Python: [Get Code](#)
- Java: [Get Code](#)
- Go: [Get Code](#)

The sample codes are for reference only. Please use the codes based on your actual needs.

Sample Code (PHP)

Take [DescribeCdnHosts](#) as an example:

```
<?php
/*Your key is required. You can obtain SecretId and $secretKey from https://console.cloud.tencent.com/capi*/
$secretKey='YOUR_SECRET_KEY';
$secretId='YOUR_SECRET_ID';
$action='DescribeCdnHosts';

$HttpUrl="cdn.api.qcloud.com";

/*All APIs other than MultipartUploadVodFile support GET and POST methods unless specified otherwise*/
$HttpMethod="POST";

/*Most APIs are based on HTTPS protocol, except a small number of APIs such as MultipartUploadVodFile*/
$isHttps =true;

/*The following five parameters are the common parameters of all APIs. For some APIs that are not region-specific (e.g. DescribeDeals), the Region parameter is not required*/
$COMMON_PARAMS = array(
'Nonce' => rand(),
'Timestamp' =>time(NULL),
```



```

'Action' => $action,
'SecretId' => $secretId
);

$PRIVATE_PARAMS = array();

/*****

CreateRequest($HttpUrl,$HttpMethod,$COMMON_PARAMS,$secretKey, $PRIVATE_PARAMS, $isHttp
s);

function CreateRequest($HttpUrl,$HttpMethod,$COMMON_PARAMS,$secretKey, $PRIVATE_PARAM
S, $isHttps)
{
$FullHttpUrl = $HttpUrl."/v2/index.php";

/*****Sort the request parameters in ascending lexicographical order by their names (case-se
nsitive)*****/
$ReqParaArray = array_merge($COMMON_PARAMS, $PRIVATE_PARAMS);
ksort($ReqParaArray);

/*****Generate original signature text*****/
* Combine the request method, URI address, and sorted request parameters into the following format
to generate the original signature text. In this example, the original signature text is as follows:
* GETcvm.api.qcloud.com/v2/index.php?Action=DescribeInstances&Nonce=345122&Region=gz
* &SecretId=AKIDz8krbsJ5yKBZQ·1pn74WFkmLPx3gnPhESA&Timestamp=1408704141
* &instanceIds.0=qcvm12345&instanceIds.1=qcvm56789
* *****/
$SigTxt = $HttpMethod.$FullHttpUrl."?";

$isFirst = true;
foreach ($ReqParaArray as $key => $value)
{
if (!$isFirst)
{
$SigTxt = $SigTxt."&";
}
$isFirst= false;

/*In the combination of original signature text, any "_" in the parameter names should be replaced wi
th "."*/
if(strpos($key, '_'))
{
$key = str_replace('_', '.', $key);

```

```
}

$SigTxt=$SigTxt.$key."=".$value;
}

/*****Generate a Signature based on the original signature string $SigTxt*****/
**/
$Signature = base64_encode(hash_hmac('sha1', $SigTxt, $secretKey, true));

/*****Combine the request strings. The request parameters and signature string need to be e
ncoded using urlencode*****/
$Req = "Signature=".urlencode($Signature);
foreach ($ReqParaArray as $key => $value)
{
$Req=$Req."&".$key."=".$value;
}

/*****Send request*****/
if($HttpMethod === 'GET')
{
if($isHttps === true)
{
$Req="https://".$FullHttpUrl."?".$Req;
}
else
{
$Req="http://".$FullHttpUrl."?".$Req;
}

$Rsp = file_get_contents($Req);

}
else
{
if($isHttps === true)
{
$Rsp= SendPost("https://".$FullHttpUrl,$Req,$isHttps);
}
else
{
$Rsp= SendPost("http://".$FullHttpUrl,$Req,$isHttps);
}
}
}
```

```
var_export(json_decode($Rsp,true));
}

function SendPost($FullHttpUrl, $Req, $isHttps)
{

    $ch = curl_init();
    curl_setopt($ch, CURLOPT_POST, 1);
    curl_setopt($ch, CURLOPT_POSTFIELDS, $Req);

    curl_setopt($ch, CURLOPT_URL, $FullHttpUrl);
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
    if ($isHttps === true) {
        curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
        curl_setopt($ch, CURLOPT_SSL_VERIFYHOST, false);
    }

    $result = curl_exec($ch);

    return $result;
}
```

Manage Domain Names

Add Acceleration Domain Name

Last updated : 2018-05-10 15:03:00

1. API Description

This API (AddCdnHost) is used to add an accelerated domain.

Domain for API request:cdn.api.qcloud.com

- 1) The domain to be connected must have not been connected to Tencent Cloud CDN;
- 2) The domain to be connected must have been filed with MIIT for the record;
- 3) With this API, only one domain can be added to Tencent Cloud CDN at a time.

[Call Demo](#)

2. Input Parameters

The following request parameter list only provides API request parameters. Common request parameters need to be added when the API is called. For more information, refer to [Common Request Parameters](#).

The Action field for this API is AddCdnHost.

Parameter Name	Required	Type	Description
host	Yes	String	The domain to be connected
projectId	Yes	String	Project ID, i.e., the ID of the project to which the domain is to be added
hostType	Yes	String	The connection method of the domain. Only two values are available: "cname" means that the user uses a self-owned origin server, and "ftp" means that the user uses FTP hosted origin provided by CDN. Note: If you select FTP, you do not need to enter origin server configurations.
origin	No	String	Configuration of the origin server. You can configure one domain or multiple origin server IPs (the type of "ip:port" is supported, such as 8.8.8.8:8080). The port number should be between 0 and 65535 (exclusive of 0).

3. Output Parameters

Parameter Name	Type	Description
code	Int	Common error code; 0: Succeeded; other values: Failed. For more information, refer to Common Error Codes on Error Code page.
message	String	Module error message description depending on API
codeDesc	String	English error message or error code at business side.

4. Example

4.1 Input Example

```
host: www.test.com
projectId: 0
hostType: cname
origin: 8.8.8.8:8080
```

4.2 GET Request

For GET request, all the parameters are required to be appended to the URL:

```
https://cdn.api.qcloud.com/v2/index.php?
Action=AddCdnHost
&SecretId=XXXXXXXXXXXXXXXXXXXXXXXXXXXX
&Timestamp=1462440051
&Nonce=123456789
&Signature=XXXXXXXXXXXXXXXXXXXXXXXXXXXX
&host=www.test.com
&projectId=0
&hostType=cname
&origin=8.8.8.8:8080
```

4.3 POST Request

For POST request, the parameters need to be filled in HTTP Request-body. Request address:

```
https://cdn.api.qcloud.com/v2/index.php
```

Formats such as form-data and x-www-form-urlencoded are supported for the parameters. The array of parameters is as follows:

```
array (  
  'Action' => 'AddCdnHost',  
  'SecretId' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX',  
  'Timestamp' => 1462868615,  
  'Nonce' => 520585444,  
  'Signature' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX',  
  'host' => 'www.test.com',  
  'projectId' => '0',  
  'hostType' => 'cname',  
  'origin' => '8.8.8.8:8080'  
)
```

4.4 Example of Returned Result

Added successfully

```
{  
  "code": 0,  
  "message": "",  
  "codeDesc": "Success"  
}
```

Addition failed

```
{  
  "code": 4000,  
  "message": "(20004) Not filed cdn audit no icp [cdn audit no icp [The current domain has not been filed with MIIT for the record]]",  
  "codeDesc": 20004  
}
```

Activating CDN Domain Name

Last updated : 2018-05-09 14:44:47

API Description

OnlineHost is used to activate the acceleration service for the specified domain name.

Domain name for API request: cdn.api.qcloud.com

Notes:

- Only one domain name can be activated at a time.
- You can only activate a "Closed" domain name.
- The frequency of calling the API is limited to 100 times/min.

[View the example](#)

Input Parameters

The following request parameter list only provides the API request parameters. Common request parameters are required when the API is called. For more information, please see [Common Request Parameters](#) page. The Action field for this API is OnlineHost.

Parameter Name	Required	Type	Description
host	No	String	Accelerated domain name to activate
hostId	No	Int	ID of the accelerated domain name to activate

Notes

- You can use APIs [Query Domain Name Information by Domain Name](#) and [Query Domain Name Information](#) to obtain the ID of the host.
- Either host or hostId must be specified for query.

Output Parameters

Parameter Name	Type	Description
code	Int	Common error code. 0: Successful; other values: Failed. For more information, please see Common Error Codes on the Error Codes page.
message	String	Module error message description depending on API.
codeDesc	String	Error message or error code at business side. For more information, please see Business Error Codes on the Error Codes page.

Example

Sample Parameters

hostId: 1234

GET Request

For a GET request, all the parameters are required to be appended to the URL:

```
https://cdn.api.qcloud.com/v2/index.php?  
Action=OnlineHost  
&SecretId=XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
&Timestamp=1462436277  
&Nonce=123456789  
&Signature=XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
&hostId=1234
```

POST Request

For a POST request, the parameters are input in HTTP Request-body. The request address is:

```
https://cdn.api.qcloud.com/v2/index.php
```

Formats such as form-data and x-www-form-urlencoded are supported for the parameters. The array of parameters is as follows:

```
array (  
  'Action' => 'OnlineHost',
```



```
'SecretId' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX',  
'Timestamp' => 1462782282,  
'Nonce' => 123456789,  
'Signature' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX',  
'hostId' => 1234  
)
```

Example of Result

```
{  
  "code": 0,  
  "message": "",  
  "codeDesc": "Success"  
}  
  
{  
  "code": 4000,  
  "message": "(9177) The domain name has gone online cdn host online[host online]",  
  "codeDesc": 9177  
}
```

Close CDN Domain Name

Last updated : 2018-05-09 14:45:17

API Description

This API (**OfflineHost**) is used to disable the acceleration service for a specified domain name.

Domain name for API request: cdn.api.qcloud.com

Notes:

- Only one CDN domain name can be disabled at a time
- After the domain name is disabled, a 404 error is returned from CDN node. Make sure that the resolved IP has been moved away from CDN before the domain name is disabled.
- You can only disable an "Enabled" domain name.
- The frequency of calling the API is limited to 100/min.

[View the example](#)

Input Parameters

The following request parameter list only provides the API request parameters. Common request parameters are required when the API is called. For more information, please see [Common Request Parameters](#) page. The Action field for this API is OfflineHost.

Parameter Name	Required	Type	Description
hostId	No	Int	ID of the domain name to be disabled
host	No	String	Accelerated domain to be disabled

Notes

- You can use APIs [Query Domain Name Information by Domain Name](#) and [Query Domain Name Information](#) to obtain the ID of the host.
- Either host or hostId must be specified for query.

Output Parameters

Parameter Name	Type	Description
code	Int	Common error code. 0: Successful; other values: Failed. For more information, please see Common Error Codes on the Error Codes page.
message	String	Module error message description depending on API.
codeDesc	String	Error message or error code at business side. For more information, please see Business Error Codes on the Error Codes page.

Example

Sample Parameters

```
hostId: 1234
```

GET Request

For a GET request, all the parameters are required to be appended to the URL:

```
https://cdn.api.qcloud.com/v2/index.php?  
Action=OfflineHost  
&SecretId=XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
&Timestamp=1462436277  
&Nonce=123456789  
&Signature=XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
&hostId=1234
```

POST Request

For a POST request, the parameters are input in HTTP Request-body. The request address is:

```
https://cdn.api.qcloud.com/v2/index.php
```

Formats such as form-data and x-www-form-urlencoded are supported for the parameters. The array of parameters is as follows:

```
array (  
  'Action' => 'OfflineHost',
```

```
'SecretId' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX',
'Timestamp' => 1462782282,
'Nonce' => 123456789,
'Signature' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX',
'hostId' => 1234
)
```

Example of Result

```
{
  "code": 0,
  "message": "",
  "codeDesc": "Success"
}

{
  "code": 4000,
  "message": "(9175) Deploying status cdn host in progress[host in progress]",
  "codeDesc": 9175
}
```

Deleting Acceleration Domain Name

Last updated : 2018-01-19 15:58:34

1. API Description

This API (DeleteCdnHost) is used to delete the specified CDN domain.

Domain for API request:cdn.api.qcloud.com

- 1) Only one domain can be deleted at a time;
- 2) Only domains in Closed status can be deleted.

[Call Demo](#)

2. Input Parameters

The following request parameter list only provides API request parameters. Common request parameters need to be added when the API is called. For more information, refer to [Common Request Parameters](#).

The Action field for this API is DeleteCdnHost.

Parameter Name	Required	Type	Description
hostId	Yes	Int	The domain ID to be deleted

Note

- You can use APIs [Query Domain Information by Domain Name](#) and [Query Domain Information](#) to obtain the ID of the host;
- Closed COS-synchronized read-only domains, such as domains with ".file.myqcloud.com" as suffix, can also be deleted.

3. Output Parameters

Parameter Name	Type	Description
code	Int	Common error code; 0: Succeeded; other values: Failed. For more information, refer to Common Error Codes on Error Code page.

Parameter Name	Type	Description
message	String	Module error message description depending on API.
codeDesc	String	English error message or error code at business side.

4. Example

4.1 Input Example

```
hostId: 1234
```

4.2 GET Request

For GET request, all the parameters are required to be appended to the URL:

```
https://cdn.api.qcloud.com/v2/index.php?
```

```
Action=DeleteCdnHost
```

```
&SecretId=XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

```
&Timestamp=1462436277
```

```
&Nonce=123456789
```

```
&Signature=XXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

```
&hostId=1234
```

4.3 POST Request

For POST request, the parameters need to be filled in HTTP Request-body. Request address:

```
https://cdn.api.qcloud.com/v2/index.php
```

Formats such as form-data and x-www-form-urlencoded are supported for the parameters. The array of parameters is as follows:

```
array (  
  'Action' => 'DeleteCdnHost',  
  'SecretId' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX',  
  'Timestamp' => 1462782282,  
  'Nonce' => 123456789,  
  'Signature' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX=',
```

```
'hostId' => 1234,  
)
```

4.4 Example of Returned Result

Deleted successfully

```
{  
  "retcode": 0,  
  "errmsg": "ok",  
  "code": 0,  
  "message": "",  
  "codeDesc": "Success",  
  "data": []  
}
```

Deletion failed

```
{  
  "code": 4000,  
  "message": "(22200) Dnspod API exception cdn dp system error[cdn dp system error[connect () timed out!]]",  
  "codeDesc": 22200  
}
```

Modifying Domain Name Configuration

Last updated : 2018-07-19 17:46:51

API Description

This API (**UpdateCdnConfig**) is used to modify the configuration information of accelerated domain names.

Domain name for API request: cdn.api.qcloud.com

Notes:

- You can only modify the configuration information of one domain name at a time.
- You can modify multiple configuration information of a specified domain name at a time.
- Calling the API can reach 100 times/min at most.

Supported Configuration:

- Modify origin server configuration
- Modify slave server information
- Modify original-pull host
- Enable/disable "Ignore query string"
- Modify refer blacklist/whitelist configuration
- Modify IP blacklist/whitelist configuration
- Enable/disable video dragging
- Modify cache expiration time configuration
- Enable/disable advanced cache expiration configuration
- Enable/disable intermediate server configuration
- Configure capped bandwidth
- Set response header
- Set request header

[View the example](#)

Input Parameters

The following request parameter list only provides the API request parameters. Common request parameters are required when the API is called. For more information, please see [Common Request](#)

[Parameters](#) page. The Action field for this API is UpdateCdnConfig.

Parameter Name	Required	Type	Description
hostId	No	Int	The ID of domain name to be modified
host	No	String	The domain name to be modified
origin	no	String	Origin server configuration. You can configure one domain name or multiple origin server IPs Available port range: 0-65535 Domain name mode: www.test.com:8080 IP mode: 1.1.1.1:8080, 2.2.2.2:8080
backupOrigin	no	String	Backup origin server configuration. You can configure one domain name or multiple origin server IPs Available port range: 0-65535 Domain name mode: www.test.com:8080 IP mode: 1.1.1.1:8080, 2.2.2.2:8080
fwdHost	No	String	Origin-pull Host, which is the parameter "host" in the HTTP header sent from CDN node to origin.
fullUrl	No	String	"Ignore Query String" configuration "on": Disable "off": Enable
refer	No	String	Hotlink protection configuration. For more information, please see the description below
accessIp	No	String	IP blacklist/whitelist configuration. For more information, please see the description below
videoSwitch	No	String	Video dragging configuration "on": Enable "off": Disable
cache	No	String	Cache expiration time configuration. For more information, please see the description below
cacheMode	No	String	Cache mode setting "simple": Cache completely depends on the console "custom": Cache depends on the cache expiration time set by the console and the minimum value in max-age set by origin server

Parameter Name	Required	Type	Description
middleResource	No	String	Intermediate server configuration "on": Enable "off": Disable
capping	No	String	Capped bandwidth setting. For more information, please see the description below
rspHeader	No	String	Response Header setting. For more information, please see the description below
reqHeader	No	String	Request Header settings. For more information, please see the description below

Descriptions of "refer", "accessIp", "cache", "capping", "rspHeader" and "reqHeader"

refer

Sample Parameters

```
[1,["qq.baidu.com", "*.baidu.com"],1]
```

The first field specifies the type of refer:

- 0: Do not set hotlink protection
- 1: Set blacklist
- 2: Set whitelist

The second field is the specific list. The third field indicates whether to include blank "refer":

- 1: Include blank "refer"
- 0: Do not include blank "refer"

accessIp

Sample Parameters

```
{"type":1,"list":["1.2.3.4","2.3.4.5"]}
```

The first parameter "type" indicates the blacklist/whitelist type:

- 1: Blacklist
- 2: Whitelist

The second parameter "list" indicates the corresponding blacklist IP list. IP address ranges can be configured in the following formats: /8, /16, /24.

A maximum of 100 and 50 IPs can be configured in a blacklist and a whitelist, respectively.

cache

Sample Parameters

```
[[0,"all",1000],[1,".jpg;.js",2000],[2,"/www/html",3000],[3,"/www/1.html",1000]]
```

The first parameter indicates the cache type. Four types are available:

- 0: All types. This means all files are matched. This is the default cache configuration.
- 1: File type. This means matching files based on filename extensions.
- 2: Folder type. This means matching based on directories.

The second parameter specifies the matching rule:

- 0: Always entered with "all".
- 1: Suffix, such as .jps,js, separated with ";".
- 2: Directory, such as /www/html, /www/anc/, separated with ";".
- 3: Full path, such as /www/1.html, /www/2.html, separated with ";".

The third parameter specifies the cache expiration time (in seconds).

"cache" is ranked according to the rule sequence in priority order (from top to bottom).

capping

Sample Parameters

```
{"bandwidth":1000000, "unit":"K", "overflow":"origin", "active":"yes"}
```

Description:

- bandwidth: Capped bandwidth value (in Bps)
- uint: The unit displayed on the console. Convert the above values (Bps) to other units. K means Kbps, M means Mbps, G means Gbps and T means Tbps.
- overflow: A response is returned when the threshold is exceeded. "origin": Return to origin server in full volume. "404": 404 is returned for all requests.
- active: "yes": "capping" is enabled. "no": "capping" is disabled.

rspHeader

Sample Parameters

```
{"Content-Language":"zh_CN","Access-Control-Allow-Origin":"https://www.test.com"}
```

Response Header only supports the following header settings:

- Content-Disposition
- Content-Language
- Access-Control-Allow-Origin
- Access-Control-Allow-Methods
- Access-Control-Max-Age
- Access-Control-Expose-Headers

According to HTTP protocol, Access-Control-Allow-Origin can only be set as "*" or a domain name (with a header of http:// or https://), and "value" cannot exceed 1,000 Bytes.

reqHeader

Sample Parameters

```
{"cdn":"tencent"}
```

"value" cannot exceed 1,000 Bytes.

Output Parameters

Parameter Name	Type	Description
code	Int	Common error code. 0: Successful; other values: Failed. For more information, please see Common Error Codes on the Error Codes page.
message	String	Module error message description depending on API.
codeDesc	String	Error message or error code at business side. For more information, please see Business Error Codes on the Error Codes page.

Example

Sample Parameters

```
host: www.test.com
reqHeader: {"cdn":"tencent"}
```

GET Request

For a GET request, all the parameters are required to be appended to the URL:

```
https://cdn.api.qcloud.com/v2/index.php?
Action=UpdateCdnConfig
&SecretId=XXXXXXXXXXXXXXXXXXXXXXXXXXXX
&Timestamp=1462872270
&Nonce=541116052
&Signature=XXXXXXXXXXXXXXXXXXXXXXXXXXXX
&host=www.test.com
&reqHeader={"cdn":"tencent"}
```

POST Request

For a POST request, the parameters are input in HTTP Request-body. The request address is:

```
https://cdn.api.qcloud.com/v2/index.php
```

Formats such as form-data and x-www-form-urlencoded are supported for the parameters. The array of parameters is as follows:

```
array (
  'Action' => 'UpdateCdnConfig',
  'SecretId' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX',
  'Timestamp' => 1462872294,
  'Nonce' => 479724541,
  'Signature' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX',
  'host' => 'www.test.com',
  'reqHeader' => '{"cdn":"tencent"}'
)
```

Example of Result

```
{
  "code": 0,
  "message": ""
}
```

```
"codeDesc": "Success"
}

{
"code": 4000,
"message": "(9175) Deploying status cdn host in progress[host in progress]",
"codeDesc": "UserRequestError"
}
```

Switch the project of domain

Last updated : 2018-05-09 17:21:41

API Description

UpdateCdnProject is used to switch the project of a domain name.

Domain name for API request: cdn.api.qcloud.com

Notes:

- Projects are shared for all Tencent Cloud products. You can go to [Project Management](#) to view the project ID.
- The frequency of calling the API is limited to 100 times/min.

[View the example](#)

Input Parameters

The following request parameter list only provides the API request parameters. Common request parameters are required when the API is called. For more information, please see [Common Request Parameters](#) page. The Action field for this API is UpdateCdnProject.

Parameter Name	Required	Type	Description
projectId	Yes	Int	Project ID to set
hostId	Yes	Int	Domain ID

Notes

You can use APIs [Query Domain Name Information by Domain Name](#) and [Query Domain Name Information](#) to obtain the ID of the host.

Output Parameters

Parameter Name	Type	Description
----------------	------	-------------

Parameter Name	Type	Description
code	Int	Common error code. 0: Successful; other values: Failed. For more information, please see Common Error Codes on the Error Codes page.
message	String	Module error message description depending on API.
codeDesc	String	Error message or error code at business side. For more information, please see Business Error Codes on the Error Codes page.

Example

Sample Parameters

```
hostId: 1234
projectId: 0
```

GET Request

For a GET request, all the parameters are required to be appended to the URL:

```
https://cdn.api.qcloud.com/v2/index.php?
Action=UpdateCdnProject
&SecretId=XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
&Timestamp=1462519632
&Nonce=123456789
&Signature=XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
&hostId=1234
&projectId=0
```

POST Request

For a POST request, the parameters are input in HTTP Request-body. The request address is:

```
https://cdn.api.qcloud.com/v2/index.php
```

Formats such as form-data and x-www-form-urlencoded are supported for the parameters. The array of parameters is as follows:


```
array (  
  'Action' => 'UpdateCdnProject',  
  'SecretId' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX',  
  'Timestamp' => 1462782282,  
  'Nonce' => 123456789,  
  'Signature' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX',  
  'projectId' => '0',  
  "hostId" => '1234'  
)
```

Example of Result

```
{  
  "code": 0,  
  "message": "",  
  "codeDesc": "Success"  
}
```

```
{  
  "code": 4000,  
  "message": "(9175) Deploying status cdn host in progress[host in progress]",  
  "codeDesc": 9175  
}
```

Query Domain Names

Query Domain Name List

Last updated : 2018-06-29 16:57:03

1. API Description

This API (DescribeCdnHosts) is used to query the details of all domains, including configuration information. Paged query is supported.

Domain name for API request:cdn.api.qcloud.com

[Call Demo](#)

2. Input Parameters

The following request parameter list only provides API request parameters. Common request parameters need to be added when the API is called. See the [Common Request Parameters](#) page for details. The Action field for this API is DescribeCdnHosts.

Parameter Name	Required	Type	Description
offset	No	Int	Offset; default value is 0
limit	No	Int	Number of returned results. Return all by default

Note

- If there are a large number of domains, you can use "offset" and "limit" for paged queries. But it is not mandatory. You can fully return domain information;
- The limit of API call frequency is 100 times per minute. If the limit is exceeded, it will return an error. Do not call with high frequency.

3. Output Parameters

Parameter Name	Type	Description
----------------	------	-------------

Parameter Name	Type	Description
code	Int	Common error code; 0: Succeeded; other values: Failed. For more information, refer to Common Error Codes on Error Code page.
message	String	Module error message description depending on API.
codeDesc	String	English error message or error code at business side.
data	Array	Result data, as described below

data Field Description

Parameter Name	Type	Description
hosts	Array	Domain details array
total	Int	Total number of domains

hosts Field Description

Parameter Name	Type	Description
id	Int	ID after the domain is connected to CDN
app_id	Int	APPID of domain owner
owner_uin	Int	QQ ID of the user when logging in to Tencent Cloud
project_id	Int	Project ID of the domain
host	String	Domain
host_type	String	Connection method. There are three modes: "cos" means the hosted origin when connecting the domain is COS origin; "cname" means self-owned origin is used when connecting the domain; "ftp" means FTP hosted origin provided by CDN is used when connecting the domain.
service_type	String	Domain content type. There are three modes: "web" means it is static content; "download" means it is downloading content; "media" means it is media streaming content.
origin	String	Origin server configuration corresponding to the domain
cache	Array	Configuration of caching rules, as described below

Parameter Name	Type	Description
status	Int	Domain state: "1" means the domain is in review; "2" means the domain is not approved ; "3" means the domain is approved for deploying; "4" means the domain is in deploying status; "5" means the domain is activated; "6" means the domain is closed.
disabled	Int	Indicate whether the domain is blocked; "0" indicates that the domain is not blocked.
message	String	Domain status information, such as "Closed", "Activated" and "Deploying".
enable_overseas	String	Indicate whether the overseas CDN is activated: "no" means the overseas CDN is not activated; "yes" means the overseas CDN is activated.
create_time	String	Domain connection time
update_time	String	Last update time
deleted	String	Delete or not: "no" means the domain is not deleted; "yes" means the domain is deleted.
fwd_host_type	String	Back-to-origin configuration type: "default" means the connected domain is the address for back-to-origin requests; "custom" means the domain uses customized address for back-to-origin requests.
fwd_host	String	Address for back-to-origin requests
middle_resource	Int	Configuration of intermediate node: "-1" means the domain has closed intermediate node services; "0" means the domain has activated intermediate node services.
refer	Array	Hotlink protection configuration, as described below
cname	String	The accelerated domain with ".cdn.dnsv1.com" as suffix assigned by CDN
cache_mode	String	Type of caching rules: "simple" means cache completely depends on the Console; "custom" means cache depends on the cache expiration time set by the Console and the minimum value in max-age set by origin server.
furl_cache	String	Filter parameter: "on" means to enable; "off" means to disable

Parameter Name	Type	Description
ssl_type	Int	Indicate whether to activate HTTPS: "0" means HTTPS configuration is not activated; others means HTTPS configuration is activated.
bucket_name	String	bucket name corresponding to the COS origin
ssl_deploy_time	String	SSL deploying time
ssl_expire_time	String	SSL expiration time
seo	String	Indicate whether to enable SEO optimization: "off" means to disable; "on" means to enable
host_id	Int	Host ID, same as id

cache Field Description

Parameter Name	Type	Description
type	Int	Type. There are four types: 0 refers to all files, 1 refers to file type, 2 refers to folder type, and 3 refers to full-path file
rule	String	Matching rule, corresponding to the types above
time	Int	Cache expiration time (in seconds)
unit	String	The unit used to set cache expiration time. There are four types: "d" refers to day, "h" refers to hour, "m" refers to minute, and "s" refers to second

refer Field Description

Parameter Name	Type	Description
type	Int	Hotlink protection type. There are three types: 0 means that hotlink protection is not configured, 1 means that the configured list is a blacklist, 2 means that the configured list is a whitelist
null_flag	Int	Indicate whether the hotlink protection is empty. 1 means the hotlink protection is empty
list	Array	The configured hotlink protection list

Note:

- The fields not described in the above are **invalid fields**, which can be ignored directly.

4. Example

4.1 Example of Input

```
offset: 0
limit: 10
```

4.2 GET Request

All the parameters are required to be added after URL in GET request:

```
https://cdn.api.qcloud.com/v2/index.php?
Action=DescribeCdnHosts
&SecretId=XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
&Timestamp=1462434006
&Nonce=123456789
&Signature=XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
&offset=0
&limit=10
```

4.3 POST Request

In POST request, the parameters will be filled in HTTP Request-body. The request address is:

```
https://cdn.api.qcloud.com/v2/index.php
```

Such formats of parameters as form-data, x-www-form-urlencoded are supported. The array of parameters is as follows:

```
array (
  'Action' => 'DescribeCdnHosts',
  'SecretId' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXXX',
  'Timestamp' => 1462782282,
  'Nonce' => 123456789,
  'Signature' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXXX',
  'offset' => '0',
```

```
"limit" => '10'  
)
```

4.4 Example of Returned Result

Query Successful

```
{  
  "code": 0,  
  "message": "",  
  "codeDesc": "Success",  
  "data": {  
    "hosts": [  
      {  
        "id": 308902,  
        "app_id": 1234567,  
        "owner_uin": 7654321,  
        "project_id": 0,  
        "host": "www.test.com",  
        "host_type": "cname",  
        "service_type": "web",  
        "origin": "8.8.8.8",  
        "cache": [  
          {  
            "type": 0,  
            "rule": "all",  
            "time": 2592000,  
            "unit": "d"  
          },  
          {  
            "type": 1,  
            "rule": ".php;jsp;asp;aspx",  
            "time": 0,  
            "unit": "s"  
          }  
        ],  
        "status": 5,  
        "disabled": 0,  
        "message": "Activated",  
        "enable_overseas": "no",  
        "create_time": "2016-08-25 21:22:40",  
        "update_time": "2016-09-02 15:33:37",  
        "deleted": "no",  
        "fwd_host_type": "default",  
        "fwd_host": "www.test.com",  
      }  
    ]  
  }  
}
```

```
"middle_resource": -1,
"refer": {
  "type": 2,
  "list": [
    "1.1.1.1"
  ],
  "null_flag": 0
},
"readonly": 0,
"cname": "www.test.com.cdn.dnsv1.com",
"cache_mode": "simple",
"furl_cache": "on",
"ssl_type": 0,
"pid_config": null,
"bucket_name": "",
"bucket_project_id": 0,
"ssl_deploy_time": null,
"ssl_expire_time": null,
"seo": "off",
"host_id": 308902
}
],
"total": 1
}
}
```

Query Failed

```
{
  "code": 4100,
  "message": "Authentication failed. Please refer to the Authentication section in the document.",
  "codeDesc": "AuthFailure"
}
```


Query Domain Name Details by Name

Last updated : 2018-05-09 17:24:55

1. API Description

The API (GetHostInfoByHost) is used to query domain details and configuration information based on domain names. You can query multiple domains at a time.

Domain name for API request:cdn.api.qcloud.com

[Call Demo](#)

2. Input Parameters

The following request parameter list only provides API request parameters. Common request parameters need to be added when the API is called. Refer to the [Common Request Parameters](#) page for details. The Action field for this API is GetHostInfoByHost.

Parameter Name	Required	Type	Description
hosts.n	Yes	String	Host to be queried. You may query one or multiple hosts.

Note

- You may query one or multiple domains. When querying multiple domains, you can pass parameters like this:

```
hosts.0=www.test1.com&hosts.1=www.test2.com
```

3. Response Parameters

Parameter Name	Type	Description
code	Int	Common error code; 0: Succeeded; other values: Failed. For more information, refer to Common Error Codes on Error Code page.
message	String	Module error message description depending on API.

Parameter Name	Type	Description
codeDesc	String	English error message or error code at business side.
data	Array	Result data, as described below

data Field Description

Parameter Name	Type	Description
hosts	Array	Domain details array
total	Int	Total number of domains

hosts Field Description

Parameter Name	Type	Description
id	Int	ID after the domain is connected to CDN
app_id	Int	APPID of domain owner
owner_uin	Int	QQ ID of the user when logging in to Tencent Cloud
project_id	Int	Project ID of the domain
host	String	Domain
host_type	String	Connection method. There are three modes: "cos" means the hosted origin when connecting the domain is COS origin; "cname" means self-owned origin is used when connecting the domain; "ftp" means FTP hosted origin provided by CDN is used when connecting the domain.
service_type	String	Domain content type. There are three modes: "web" means it is static content; "download" means it is downloading content; "media" means it is media streaming content.
origin	String	Origin server configuration corresponding to the domain
cache	Array	Configuration of caching rules, as described below

Parameter Name	Type	Description
status	Int	Domain state: "1" means the domain is in review; "2" means the domain is not approved ; "3" means the domain is approved and in deploying status; "4" means the domain is in deploying status; "5" means the domain is activated; "6" means the domain is closed.
disabled	Int	Indicate whether the domain is blocked; "0" indicates that the domain is not blocked.
message	String	Domain status information, such as "Closed", "Activated" and "Deploying".
enable_overseas	String	Indicate whether the overseas CDN is activated: "no" means the overseas CDN is not activated; "yes" means the overseas CDN is activated.
create_time	String	Domain connection time
update_time	String	Last update time
deleted	String	Delete or not: "no" means the domain is not deleted; "yes" means the domain is deleted.
fwd_host_type	String	Back-to-origin configuration type: "default" means the connected domain is the address for back-to-origin requests; "custom" means the domain uses customized address for back-to-origin requests.
fwd_host	String	Address for back-to-origin requests
middle_resource	Int	Configuration of intermediate node: "-1" means the domain has closed intermediate node services; "0" means the domain has activated intermediate node services.
refer	Array	Hotlink protection configuration, as described below
cname	String	The accelerated domain with ".cdn.dnsv1.com" as suffix assigned by CDN
cache_mode	String	Type of caching rules: "simple" means cache completely depends on the Console; "custom" means cache depends on the cache expiration time set by the Console and the minimum value in max-age set by origin server.
furl_cache	String	Filter parameter: "on" means to enable; "off" means to disable

Parameter Name	Type	Description
ssl_type	Int	Indicate whether to activate HTTPS: "0" means HTTPS configuration is not activated; others means HTTPS configuration is activated.
bucket_name	String	bucket name corresponding to the COS origin
ssl_deploy_time	String	SSL deploying time
ssl_expire_time	String	SSL expiration time
seo	String	Indicate whether to enable SEO optimization: "off" means to disable; "on" means to enable
host_id	Int	Host ID, same as id

cache Field Description

Parameter Name	Type	Description
type	Int	Type. There are four types: 0 refers to all files, 1 refers to file type, 2 refers to folder type, and 3 refers to full-path file
rule	String	Matching rule, corresponding to the types above
time	Int	Cache expiration time (in seconds)
unit	String	The unit used to set cache expiration time. There are four types: "d" refers to day, "h" refers to hour, "m" refers to minute, and "s" refers to second

refer Field Description

Parameter Name	Type	Description
type	Int	Hotlink protection type. There are three types: 0 means that hotlink protection is not configured; 1 means that the configured list is a blacklist; 2 means that the configured list is a whitelist
null_flag	Int	Indicate whether the hotlink protection is empty. 1 means the hotlink protection is empty
list	Array	The configured hotlink protection list

Note:

- The fields not described in the above are **invalid fields**, which can be ignored directly.

4. Example

4.1 Example of Input

```
hosts.0:www.test.com
```

4.2 GET Request

All the parameters are required to be added after URL in GET request:

```
https://cdn.api.qcloud.com/v2/index.php?  
Action=GetHostInfoByHost  
&SecretId=XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
&Timestamp=1462434613  
&Nonce=123456789  
&Signature=XXXXXXXXXXXXXXXXXXXX  
&hosts.0=www.test.com
```

4.3 POST Request

In POST request, the parameters will be filled in HTTP Request-body. The request address is:

```
https://cdn.api.qcloud.com/v2/index.php
```

Such formats of parameters as form-data, x-www-form-urlencoded are supported. The array of parameters is as follows:

```
array (  
  'Action' => 'GetHostInfoByHost',  
  'SecretId' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX',  
  'Timestamp' => 1462782282,  
  'Nonce' => 123456789,  
  'Signature' => 'XXXXXXXXXXXXXXXXXXXX',  
  'hosts.0' => 'www.test.com'  
)
```

4.4 Example of Returned Result

Query Successful

```
{
  "code": 0,
  "message": "",
  "codeDesc": "Success",
  "data": {
    "hosts": [
      {
        "id": 1234,
        "app_id": 1234567,
        "owner_uin": 7654321,
        "project_id": 0,
        "host": "www.test.com",
        "host_type": "cname",
        "service_type": "web",
        "origin": "8.8.8.8",
        "cache": [
          {
            "type": 0,
            "rule": "all",
            "time": 2592000,
            "unit": "d"
          },
          {
            "type": 1,
            "rule": ".php;.jsp;.asp;.aspx",
            "time": 0,
            "unit": "s"
          }
        ],
        "status": 5,
        "disabled": 0,
        "message": "Activated",
        "enable_overseas": "no",
        "create_time": "2016-08-25 21:22:40",
        "update_time": "2016-09-02 15:33:37",
        "deleted": "no",
        "fwd_host_type": "default",
        "fwd_host": "www.test.com",
        "middle_resource": -1,
        "refer": {
          "type": 2,
```

```
"list": [  
  "1.1.1.1"  
],  
"null_flag": 0  
,  
"readonly": 0,  
"cname": "www.test.com.cdn.dnsv1.com",  
"cache_mode": "simple",  
"furl_cache": "on",  
"ssl_type": 0,  
"pid_config": null,  
"bucket_name": "",  
"bucket_project_id": 0,  
"ssl_deploy_time": null,  
"ssl_expire_time": null,  
"seo": "off",  
"host_id": 308902  
}  
],  
"total": 1  
}  
}
```

Query Failed

```
{  
  "code": 4100,  
  "message": "Authentication failed. Please refer to the Authentication section in the document.",  
  "codeDesc": "AuthFailure"  
}
```

Query Domain Name Details by ID

Last updated : 2018-05-09 17:25:42

1. API Description

The API (GetHostInfoById) is used to query domain details based on domain IDs. You can query multiple domain IDs at a time.

Domain name for API request: cdn.api.qcloud.com

[Call Demo](#)

2. Input Parameters

The following request parameter list only provides API request parameters. Common request parameters need to be added when the API is called. For more information, refer to [Common Request Parameters](#).

The Action field for this API is GetHostInfoById.

Parameter Name	Required	Type	Description
ids.n	Yes	Int	Domain ID to be queried. You can query one or multiple domain IDs.

Note

- When querying multiple domains, you can pass parameters like this:

```
ids.0=123&ids.1=1234
```

3. Output Parameters

Parameter Name	Type	Description
code	Int	Common error code; 0: Succeeded; other values: Failed. For more information, refer to Common Error Codes on Error Code page.

Parameter Name	Type	Description
message	String	Module error message description depending on API.
codeDesc	String	English error message or error code at business side.
data	Array	Domain details

data Field Description

Parameter Name	Type	Description
hosts	Array	Domain details array
total	Int	Total number of domains

hosts Field Description

Parameter Name	Type	Description
id	Int	ID after the domain is connected to CDN
app_id	Int	APPID of domain owner
owner_uin	Int	QQ ID of the user when logging in to Tencent Cloud
project_id	Int	Project ID of the domain
host	String	Domain
host_type	String	Connection method. There are three modes: "cos" means the hosted origin when connecting the domain is COS origin; "cname" means self-owned origin is used when connecting the domain; "ftp" means FTP hosted origin provided by CDN is used when connecting the domain.
service_type	String	Domain content type. There are three modes: "web" means it is static content; "download" means it is downloading content; "media" means it is media streaming content.
origin	String	Origin server configuration corresponding to the domain
cache	Array	Configuration of caching rules, as described below

Parameter Name	Type	Description
status	Int	Domain state: "1" means the domain is in review; "2" means the domain is not approved ; "3" means the domain is approved and in deploying status; "4" means the domain is in deploying status; "5" means the domain is activated; "6" means the domain is closed.
disabled	Int	Indicate whether the domain is blocked; "0" indicates that the domain is not blocked.
message	String	Domain status information, such as "Closed", "Activated" and "Deploying".
enable_overseas	String	Indicate whether the overseas CDN is activated: "no" means the overseas CDN is not activated; "yes" means the overseas CDN is activated.
create_time	String	Domain connection time
update_time	String	Last update time
deleted	String	Delete or not: "no" means the domain is not deleted; "yes" means the domain is deleted.
fwd_host_type	String	Back-to-origin configuration type: "default" means the connected domain is the address for back-to-origin requests; "custom" means the domain uses customized address for back-to-origin requests.
fwd_host	String	Address for back-to-origin requests
middle_resource	Int	Configuration of intermediate node: "-1" means the domain has closed intermediate node services; "0" means the domain has activated intermediate node services.
refer	Array	Hotlink protection configuration, as described below
cname	String	The accelerated domain with ".cdn.dnsv1.com" as suffix assigned by CDN
cache_mode	String	Type of caching rules: "simple" means cache completely depends on the Console; "custom" means cache depends on the cache expiration time set by the Console and the minimum value in max-age set by origin server.
furl_cache	String	Filter parameter: "on" means to enable; "off" means to disable

Parameter Name	Type	Description
ssl_type	Int	Indicate whether to activate HTTPS: "0" means HTTPS configuration is not activated; others means HTTPS configuration is activated.
bucket_name	String	bucket name corresponding to the COS origin
ssl_deploy_time	String	SSL deploying time
ssl_expire_time	String	SSL expiration time
seo	String	Indicate whether to enable SEO optimization: "off" means to disable; "on" means to enable
host_id	Int	Host ID, same as id

cache Field Description

Parameter Name	Type	Description
type	Int	Type. There are four types: 0 refers to all files, 1 refers to file type, 2 refers to folder type, and 3 refers to full-path file
rule	String	Matching rule, corresponding to the types above
time	Int	Cache expiration time (in seconds)
unit	String	The unit used to set cache expiration time. There are four types: "d" refers to day, "h" refers to hour, "m" refers to minute, and "s" refers to second

refer Field Description

Parameter Name	Type	Description
type	Int	Hotlink protection type. There are three types: 0 means that hotlink protection is not configured; 1 means that the configured list is a blacklist; 2 means that the configured list is a whitelist
null_flag	Int	Indicate whether the hotlink protection is empty. 1 means the hotlink protection is empty
list	Array	The configured hotlink protection list

Note:

- The fields not described in the above are **invalid fields**, which can be ignored directly.

4. Example

4.1 Input Example

```
ids.0:1234
```

4.2 GET Request

All the parameters are required to be added after URL in GET request:

```
https://cdn.api.qcloud.com/v2/index.php?  
Action=GetHostInfoById  
&SecretId=XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
&Timestamp=1462434914  
&Nonce=123456789  
&Signature=XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
&ids.0=1234
```

4.3 POST Request

In POST request, the parameters will be filled in HTTP Request-body. The request address is:

```
https://cdn.api.qcloud.com/v2/index.php
```

Such formats of parameters as form-data, x-www-form-urlencoded are supported. The array of parameters is as follows:

```
array (  
'Action' => 'GetHostInfoById',  
'SecretId' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX',  
'Timestamp' => 1462782282,  
'Nonce' => 123456789,  
'Signature' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX',  
'ids.0' => '1234'  
)
```

4.4 Example of Returned Result

Query Successful

```
{
  "code": 0,
  "message": "",
  "codeDesc": "Success",
  "data": {
    "hosts": [
      {
        "id": 1234,
        "app_id": 1234567,
        "owner_uin": 7654321,
        "project_id": 0,
        "host": "www.test.com",
        "host_type": "cname",
        "service_type": "web",
        "origin": "8.8.8.8",
        "cache": [
          {
            "type": 0,
            "rule": "all",
            "time": 2592000,
            "unit": "d"
          },
          {
            "type": 1,
            "rule": ".php;jsp;asp;aspx",
            "time": 0,
            "unit": "s"
          }
        ],
        "status": 5,
        "disabled": 0,
        "message": "Activated",
        "enable_overseas": "no",
        "create_time": "2016-08-25 21:22:40",
        "update_time": "2016-09-02 15:33:37",
        "deleted": "no",
        "fwd_host_type": "default",
        "fwd_host": "www.test.com",
        "middle_resource": -1,
        "refer": {
          "type": 2,
```

```
"list": [  
  "1.1.1.1"  
],  
"null_flag": 0  
,  
"readonly": 0,  
"cname": "www.test.com.cdn.dnsv1.com",  
"cache_mode": "simple",  
"furl_cache": "on",  
"ssl_type": 0,  
"pid_config": null,  
"bucket_name": "",  
"bucket_project_id": 0,  
"ssl_deploy_time": null,  
"ssl_expire_time": null,  
"seo": "off",  
"host_id": 1234  
}  
],  
"total": 1  
}  
}
```

Query Failed

```
{  
  "code": 4100,  
  "message": "Authentication failed. Please refer to the Authentication section in the document.",  
  "codeDesc": "AuthFailure"  
}
```

Purge Contents

Purge URLs

Last updated : 2018-05-09 17:36:16

1. API Description

This API (RefreshCdnUrl) is used to set specified resources on a node as expired.

Domain for API request:cdn.api.cloud.tencent.com

- 1) Each user is allowed to purge up to 10,000 URLs each day;
- 2) A maximum of 1,000 URLs can be submitted for each purge.

[Call Demo](#)

2. Input Parameters

The following request parameter list only provides API request parameters. Common request parameters need to be added when the API is called. For more information, refer to [Common Request Parameters](#).

The Action field for this API is RefreshCdnUrl.

Parameter Name	Required	Type	Description
urls.n	Yes	String	URL to be purged. You may purge multiple URLs

Note

- You may purge one or multiple URLs. When purging multiple URLs, you can pass parameters like this:

```
urls.0=http://www.abc.com/1.jpg&urls.1=http://www.abc.com/2.jpg
```

- Note that URLs must start with "http://" or "https://", otherwise errors will occur;
- The domain in the submitted purge URL must be a domain that has already been connected to CDN by the user, and whose status is **Deploying** or *Activated*; otherwise errors will occur.
- If there is a parameter in a purge URL, for example:

```
> https://www.abc.com/index.php?name=1
> https://www.abc.com/index.php?name=2
```

The parameter will be ignored, and the URL `https://www.abc.com/index.php` will be purged.

3. Output Parameters

Parameter Name	Type	Description
code	Int	Common error code; 0: Succeeded; other values: Failed. For more information, refer to Common Error Codes on Error Code page.
message	String	Module error message description depending on API
codeDesc	String	English error message or error code at business side.
data	Array	Details will be described below

data Field Description:

Parameter Name	Type	Description
count	Int	Number of URLs submitted for this purge operation
task_id	String	ID of the purge task

4. Example

4.1 Input Example

```
> urls.0: https://www.test.com/1.jpg
```

4.2 GET Request

For GET request, all the parameters are required to be appended to the URL:

```
https://cdn.api.cloud.tencent.com/v2/index.php?
Action=RefreshCdnUrl
&SecretId=XXXXXXXXXXXXXXXXXXXXX
&Timestamp=1462521223
&Nonce=123456789
```



```
&Signature=XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
&urls.0=https://%2www.test.com/1.jpg
```

4.3 POST Request

For POST request, the parameters need to be filled in HTTP Request-body. Request address:

```
https://cdn.api.cloud.tencent.com/v2/index.php
```

Formats such as form-data and x-www-form-urlencoded are supported for the parameters. The array of parameters is as follows:

```
array (  
  'Action' => 'RefreshCdnUrl',  
  'SecretId' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX',  
  'Timestamp' => 1462864833,  
  'Nonce' => 1149033341,  
  'Signature' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX',  
  'urls.0' => 'https://www.test.com/1.jpg'  
)
```

When there are too many URLs to be purged, in order to avoid overlength of GET request, it is recommended to use POST method to call this API.

4.4 Example of Returned Result

Purge submission succeeded

```
{  
  "code": 0,  
  "message": "",  
  "codeDesc": "Success",  
  "data": {  
    "count": 1,  
    "task_id": "1480069888795584532"  
  }  
}
```

Purge submission failed

```
{  
  "code": 4000,  
  "message": "(9110) Information for this domain does not exist. cdn no such host",  
}
```

```
"codeDesc": "9110"  
}
```

Purge Directories

Last updated : 2018-06-05 10:58:18

1. API Description

This API (RefreshCdnDir) is used to set resources under the specified directory on a node as expired.

Domain for API request: cdn.api.qcloud.com

- 1) Each user is allowed to purge 100 directories per day;
- 2) You may submit up to 20 directories at a time.

[Call Demo](#)

2. Input Parameters

The following request parameter list only provides API request parameters. Common request parameters need to be added when the API is called. For more information, refer to [Common Request Parameters](#).

The Action field for this API is RefreshCdnDir.

Parameter Name	Required	Type	Description
dirs.n	Yes	String	Directory to be purged. You may purge multiple directories

Note

- You can purge one or multiple directories:

```
dirs.0=http://www.test.com/abc/&dirs.1=http://www.test.com/def/
```

- Note that URLs must start with "http://" or "https://", otherwise errors will occur.

3. Output Parameters

Parameter Name	Type	Description
code	Int	Common error code; 0: Succeeded; other values: Failed. For more information, refer to Common Error Codes on Error Code page.
message	String	Module error message description depending on API.
codeDesc	String	English error message or error code at business side.

4. Example

4.1 Input Example

```
dirs.0: http://www.test.com/test/
```

4.2 GET Request

For GET request, all the parameters are required to be appended to the URL:

```
https://cdn.api.qcloud.com/v2/index.php?  
Action=RefreshCdnDir  
&SecretId=XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
&Timestamp=1462521628  
&Nonce=123456789  
&Signature=XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
&dirs.0=https://www.test.com/abc
```

4.3 POST Request

For POST request, the parameters need to be filled in HTTP Request-body. Request address:

```
https://cdn.api.qcloud.com/v2/index.php
```

Formats such as form-data and x-www-form-urlencoded are supported for the parameters. The array of parameters is as follows:

```
array (  
  'Action' => 'RefreshCdnDir',  
  'SecretId' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX',
```

```
'Timestamp' => 1462865178,  
'Nonce' => 279749933,  
'Signature' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX',  
'dirs.0' => 'http://www.test.com/test/'  
)
```

4.4 Example of Returned Result

Purge submission succeeded

```
{  
  "code": 0,  
  "message": "",  
  "codeDesc": "Success"  
}
```

Purge submission failed

```
{  
  "code": 4000,  
  "message": "(9110) Information for this domain does not exist. cdn no such host",  
  "codeDesc": 9110  
}
```

Query Purging History

Last updated : 2018-05-09 17:36:51

1. API Description

This API (GetCdnRefreshLog) is used to query purge logs and the number of purge operations within the specified time range. You may query by specifying URL.

Domain for API request:cdn.api.qcloud.com

[Call Demo](#)

2. Input Parameters

The following request parameter list only provides API request parameters. Common request parameters need to be added when the API is called. For more information, refer to [Common Request Parameters](#).

The Action field for this API is GetCdnRefreshLog.

Parameter Name	Required	Type	Description
startDate	No	String	Start time of the query
endDate	No	String	End time of the query
taskId	No	Int	You may query by the task_id returned by the submitted purge URL task
url	No	String	URL to be queried (can be blank)

Note:

- Support query for the purge history within 30 days;
- Support query for time range accurate to seconds. The time format should be: 2017-02-09 00:00:00;
- If startDate&endDate and taskId are both empty, the query will fail. Either startDate&endDate or taskId should be filled in;
- If startDate&endDate and taskId are both filled in, when the taskId is not submitted within this time range, "The date is invalid" will appear;

3. Output Parameters

Parameter Name	Type	Description
code	Int	Common error code; 0: Succeeded; other values: Failed. For more information, refer to Common Error Codes on Error Code page.
message	String	Module error message description depending on API.
codeDesc	String	English error message or error code at business side.
data	Array	Returned data result

data Field Description

Parameter Name	Type	Description
logs	Array	Log details
total	Int	Number of purges

logs Field Description

Parameter Name	Type	Description
id	Int	Code
app_id	Int	User APP ID
project_id	Int	Project ID
host	String	Domain
type	Int	Purge type. There are two types: 0 refers to URL purge, and 1 refers to directory purge;
status	Int	Purge result. 1 means the purge is successful, 0 means the purge is in progress, and a negative number means the purge failed
url_list	Array	The URL list submitted for this purge operation
datetime	String	Time of submission

4. Example

4.1 Input Example

```
startDate: 2017-02-06 19:00:00
endDate: 2017-02-06 19:40:00
```

4.2 GET Request

For GET request, all the parameters are required to be appended to the URL:

```
https://cdn.api.qcloud.com/v2/index.php?
Action=GetCdnRefreshLog
&SecretId=XXXXXXXXXXXXXXXXXXXXXXXXXXXX
&Timestamp=1462422547
&Nonce=12345678
&Signature=XXXXXXXXXXXXXXXXXXXXXXXXXXXX
&startDate=2017-02-06+19:00:00
&endDate=2017-02-06+19:40:00
```

4.3 POST Request

For POST request, the parameters need to be filled in HTTP Request-body. Request address:

```
https://cdn.api.qcloud.com/v2/index.php
```

Formats such as form-data and x-www-form-urlencoded are supported for the parameters. The array of parameters is as follows:

```
array (
  'Action' => 'GetCdnRefreshLog',
  'SecretId' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX',
  'Timestamp' => 1462782282,
  'Nonce' => 123456789,
  'Signature' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX',
  'startDate' => '2017-02-06 19:00:00',
  'endDate' => '2017-02-06 19:40:00'
)
```

4.4 Example of Returned Result


```
{
  "retcode": 0,
  "errmsg": "ok",
  "code": 0,
  "message": "",
  "codeDesc": "Success",
  "data": {
    "logs": [
      {
        "id": 6182538,
        "app_id": 123456,
        "project_id": 0,
        "host": "www.test.com",
        "type": 0,
        "status": 1,
        "url_list": [
          "http://www.test.com/Content/image/test.png"
        ],
        "datetime": "2017-02-06 19:39:59"
      }
    ]
  }
  "total": 1
}
```

Log API

Download Logs

Last updated : 2018-05-09 17:39:29

1. API Description

This API (GetCdnLogList) is used to query the log download links of specified domain names within the specified time range. You can only query one domain at a time.

Domain name for API request:cdn.api.qcloud.com

[Call Demo](#)

Log download links API_V1: [GenerateLogList](#)

2. Input Parameters

The following request parameter list only provides API request parameters. Common request parameters need to be added when the API is called. For more information, refer to [Common Request Parameters](#).

The Action field for this API is GetCdnLogList.

Parameter Name	Required	Type	Description
host	Yes	String	Domain of the log to be queried
startDate	No	String	Start time of the query. Format: 2016-12-30 00:00:00
endDate	No	String	End time of the query. Format: 2016-12-30 01:00:00

Note

- If the startDate and endDate are empty, the default query range is 30 days before the current time. One log download link is provided per hour. For more log description, refer to [Log Download](#);
- startDate indicates the start date of the query, and endDate indicates the end date of the query. The log packets between the time range specified in startDate and endDate will be returned. Assuming startDate=2016-12-30 00:01:00 and endDate=2016-12-30 02:12:00, the packets in three hours (2016123000, 2016123001, and 2016123002) will be returned;
- If no access log is generated for an hour, the download link will not be generated or returned accordingly.

- The log download link is valid for 24 hours.

3. Output Parameters

Parameter Name	Type	Description
code	Int	Common error code; 0: Succeeded; other values: Failed. For more information, refer to Common Error Codes on Error Code page.
message	String	Module error message description depending on API.
codeDesc	String	English error message or error code at business side.
data	Array	Result data, as described below

data Field Description

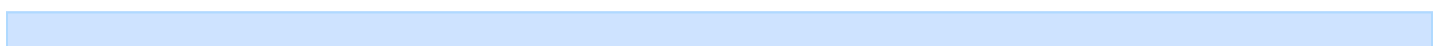
Parameter Name	Type	Description
now	Int	Current time, Unix timestamp
list	Array	List of log download links

list Field Description

Parameter Name	Type	Description
date	Int	Log date
type	Int	Indicate whether there is a log; 1: yes; 0: no
name	String	Log name. Format: <code>yyyymmddhh-domain</code> , for example: <code>2016050301-www.test.com</code>
link	String	Download link

4. Example

4.1 Input Example



```
host: www.test.com
startDate: 2016-12-30 00:00:01
endDate: 2016-12-30 05:12:00
```

4.2 GET Request

For GET request, all the parameters are required to be appended to the URL:

```
https://cdn.api.qcloud.com/v2/index.php?
Action=GetCdnLogList
&SecretId=XXXXXXXXXXXXXXXXXXXX
&Timestamp=1462430812
&Nonce=123456789
&Signature=XXXXXXXXXXXXXXXXXXXX
&host=www.test.com
&startDate=2016-12-30+00:00:01
&endDate=2016-12-30+05:12:00
```

4.3 POST Request

For POST request, the parameters need to be filled in HTTP Request-body. The request address is:

```
https://cdn.api.qcloud.com/v2/index.php
```

Such formats as form-data and x-www-form-urlencoded are supported. The array of parameters is as follows:

```
array (
  'Action' => 'GetCdnLogList',
  'SecretId' => 'XXXXXXXXXXXXXXXXXXXX',
  'Timestamp' => 1462865760,
  'Nonce' => 1058191224,
  'Signature' => 'XXXXXXXXXXXXXXXXXXXXXXXXXXXX',
  'host' => 'www.test.com',
  'startDate' => '2016-12-30 00:00:01',
  'endDate' => '2016-12-30 05:12:00'
)
```

4.4 Example of Returned Result

```
{
  "code":0,
```

```
"message":"","codeDesc": "Success",  
"data":{  
  "now":1483954368,  
  "list":[  
    {  
      "date":2016-12-30,  
      "type":1,  
      "name":"2016123000-www.test.com",  
      "link":"http://log-download.cdn.qcloud.com/20161230/00/2016123000-www.selenawang.com.gz?st=XXXXXXXXXXXXXXXXXXXX&e=1483954368"  
    },  
    {  
      "date":2016-12-30,  
      "type":1,  
      "name":"2016123001-www.test.com",  
      "link":"http://log-download.cdn.qcloud.com/20161230/01/2016123001-www.test.com.gz?st=XXXXXXXXXXXXXXXXXXXX&e=1483954368"  
    },  
    ...  
  ]  
}
```