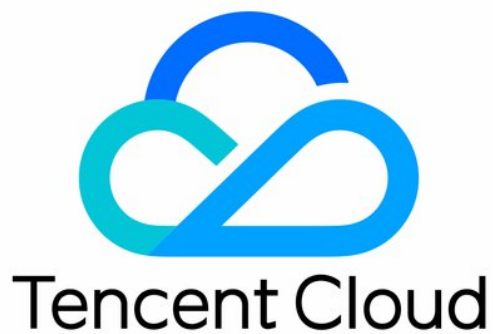


StreamPackage

API Documentation

Product Documentation



Copyright Notice

©2013-2025 Tencent Cloud. All rights reserved.

Copyright in this document is exclusively owned by Tencent Cloud. You must not reproduce, modify, copy or distribute in any way, in whole or in part, the contents of this document without Tencent Cloud's the prior written consent.

Trademark Notice



All trademarks associated with Tencent Cloud and its services are owned by the Tencent corporate group, including its parent, subsidiaries and affiliated companies, as the case may be. Trademarks of third parties referred to in this document are owned by their respective proprietors.

Service Statement

This document is intended to provide users with general information about Tencent Cloud's products and services only and does not form part of Tencent Cloud's terms and conditions. Tencent Cloud's products or services are subject to change. Specific products and services and the standards applicable to them are exclusively provided for in Tencent Cloud's applicable terms and conditions.

Contents

API Documentation

History

Introduction

API Category

Making API Requests

Request Structure

Common Params

Signature v3

Signature

Responses

Channel Management APIs

BindNewLVBDomainWithChannel

CreateStreamPackageChannel

DeleteStreamPackageChannelEndpoints

DeleteStreamPackageChannels

DescribeStreamPackageChannel

DescribeStreamPackageChannels

ModifyStreamPackageChannel

ModifyStreamPackageChannelInputAuthInfo

UnbindCdnDomainWithChannel

CreateStreamPackageChannelEndpoint

ModifyStreamPackageChannelEndpoint

SSAI APIs

CreateStreamPackageSSAIChannel

DeleteStreamPackageSSAIChannel

DescribeStreamPackageSSAIChannel

DescribeStreamPackageSSAIChannels

ModifyStreamPackageSSAIChannel

Channel linear assembly management APIs

DescribeStreamPackageLinearAssemblyChannelAlerts

DescribeStreamPackageSourceAlerts

DeleteStreamPackageLinearAssemblyPrograms

DeleteStreamPackageLinearAssemblyChannels

ModifyStreamPackageSourceLocation

CreateStreamPackageSourceLocation

DescribeStreamPackageSourceLocationAlerts
CreateStreamPackageLinearAssemblyProgram
CreateStreamPackageLinearAssemblyChannel
CreateStreamPackageSource
StartStreamPackageLinearAssemblyChannel
StopStreamPackageLinearAssemblyChannel
DeleteStreamPackageLinearAssemblyChannel
DeleteStreamPackageLinearAssemblyProgram
DeleteStreamPackageSource
DeleteStreamPackageSourceLocation
DescribeStreamPackageLinearAssemblyChannel
DescribeStreamPackageLinearAssemblyProgram
DescribeStreamPackageSource
DescribeStreamPackageSourceLocation
DescribeStreamPackageLinearAssemblyChannels
DescribeStreamPackageLinearAssemblyProgramSchedules
DescribeStreamPackageLinearAssemblyPrograms
DescribeStreamPackageSourceLocations
DescribeStreamPackageSources
ModifyStreamPackageLinearAssemblyChannel
ModifyStreamPackageLinearAssemblyProgram
ModifyStreamPackageSource
UnbindLinearAssemblyCDNDomainWithChannel
DescribeLinearAssemblyCDNDomainWithChannels
DescribeLinearAssemblyCDNDomainWithChannel
BindLinearAssemblyCDNDomainWithChannel

HarvestJob Management APIs

CreateStreamPackageHarvestJob
DeleteStreamPackageHarvestJob
DeleteStreamPackageHarvestJobs
DescribeStreamPackageHarvestJob
DescribeStreamPackageHarvestJobs

Data Types

Error Codes

API Documentation

History

Last updated : 2025-04-16 10:22:28

Release 13

Release time: 2025-04-16 10:22:21

Release updates:

Improvement to existing documentation.

Modified data structures:

- [SSAIconf](#)
 - New members:PreRollAdsUrl, PreRollMaxAllowedDuration

Release 12

Release time: 2025-03-06 10:25:08

Release updates:

Improvement to existing documentation.

New APIs:

- [BindLinearAssemblyCDNDomainWithChannel](#)
- [DescribeLinearAssemblyCDNDomainWithChannel](#)
- [DescribeLinearAssemblyCDNDomainWithChannels](#)
- [UnbindLinearAssemblyCDNDomainWithChannel](#)

New data structures:

- [CdnDomainInfo](#)
- [DRMInfo](#)
- [DomainRecordInfo](#)

Modified data structures:

- [EndpointInfo](#)

- New members:DRMEnabled, DRMInfo

Release 11

Release time: 2025-02-12 16:39:53

Release updates:

Improvement to existing documentation.

New APIs:

- [DeleteStreamPackageSSAChannel](#)
- [DescribeStreamPackageSSAChannel](#)
- [DescribeStreamPackageSSAChannels](#)
- [ModifyStreamPackageSSAChannel](#)

Modified data structures:

- [SSAConf](#)
 - New members:SourceCDNPrefix, AdCDNPrefix

Release 10

Release time: 2025-02-12 16:05:15

Release updates:

Improvement to existing documentation.

New APIs:

- [CreateStreamPackageSSAChannel](#)

New data structures:

- [SSAChannelInfo](#)

Release 9

Release time: 2024-12-02 10:47:46

Release updates:

Improvement to existing documentation.

New data structures:

- [DashManifestInfo](#)

Modified data structures:

- [OutputInfo](#)
 - New members: DashManifestConf
- [OutputReq](#)
 - New members: DashManifestConf

Release 8

Release time: 2024-11-18 19:23:49

Release updates:

Improvement to existing documentation.

New APIs:

- [CreateStreamPackageLinearAssemblyChannel](#)
- [CreateStreamPackageLinearAssemblyProgram](#)
- [CreateStreamPackageSource](#)
- [CreateStreamPackageSourceLocation](#)
- [DeleteStreamPackageLinearAssemblyChannel](#)
- [DeleteStreamPackageLinearAssemblyChannels](#)
- [DeleteStreamPackageLinearAssemblyProgram](#)
- [DeleteStreamPackageLinearAssemblyPrograms](#)
- [DeleteStreamPackageSource](#)
- [DeleteStreamPackageSourceLocation](#)
- [DescribeStreamPackageLinearAssemblyChannel](#)
- [DescribeStreamPackageLinearAssemblyChannelAlerts](#)
- [DescribeStreamPackageLinearAssemblyChannels](#)
- [DescribeStreamPackageLinearAssemblyProgram](#)
- [DescribeStreamPackageLinearAssemblyProgramSchedules](#)
- [DescribeStreamPackageLinearAssemblyPrograms](#)
- [DescribeStreamPackageSource](#)

- [DescribeStreamPackageSourceAlerts](#)
- [DescribeStreamPackageSourceLocation](#)
- [DescribeStreamPackageSourceLocationAlerts](#)
- [DescribeStreamPackageSourceLocations](#)
- [DescribeStreamPackageSources](#)
- [ModifyStreamPackageLinearAssemblyChannel](#)
- [ModifyStreamPackageLinearAssemblyProgram](#)
- [ModifyStreamPackageSource](#)
- [ModifyStreamPackageSourceLocation](#)
- [StartStreamPackageLinearAssemblyChannel](#)
- [StopStreamPackageLinearAssemblyChannel](#)

New data structures:

- [AdBreakInfo](#)
- [ChannelAlertResp](#)
- [ClipRangeInfo](#)
- [LinearAssemblyChannelInfo](#)
- [LinearAssemblyProgramInfo](#)
- [LocationAlert](#)
- [ManifestInfo](#)
- [Metadata](#)
- [NameServer](#)
- [OutputInfo](#)
- [OutputReq](#)
- [PlaybackInfo](#)
- [PlaybackInfoReq](#)
- [ProgramAlertCounts](#)
- [ProgramAlertInfos](#)
- [ProgramScheduleInfo](#)
- [SegmentDeliverInfo](#)
- [SlateInfo](#)
- [SourceAlert](#)
- [SourceInfo](#)
- [SourceLocationInfo](#)
- [SourcePackageConf](#)
- [SpliceInsertInfo](#)
- [TimeShiftInfo](#)

- [TimeSignalInfo](#)

Release 7

Release time: 2024-05-22 22:10:58

Release updates:

Improvement to existing documentation.

Modified APIs:

- [CreateStreamPackageChannelEndpoint](#)
 - New input parameters: Protocol, Manifest, TimeShiftEnable, TimeShiftDuration

Release 6

Release time: 2024-03-14 19:03:49

Release updates:

Improvement to existing documentation.

Modified APIs:

- [ModifyStreamPackageChannelEndpoint](#)
 - New input parameters: Protocol, TimeShiftEnable, TimeShiftDuration, SSAIEnable, SSAIInfo, CustomUrlParamIndex, CustomUrlParam

New data structures:

- [AliasValueConf](#)
- [ConfigAliasesInfo](#)
- [SSAIConf](#)

Modified data structures:

- [EndpointInfo](#)
 - New members: Protocol, Manifest, TimeShiftEnable, TimeShiftDuration, SSAIEnable, SSAIInfo, CustomUrlParamIndex, CustomUrlParam

Release 5

Release time: 2023-11-21 19:47:51

Release updates:

Improvement to existing documentation.

New APIs:

- [CreateStreamPackageHarvestJob](#)
- [DeleteStreamPackageHarvestJob](#)
- [DeleteStreamPackageHarvestJobs](#)
- [DescribeStreamPackageHarvestJob](#)
- [DescribeStreamPackageHarvestJobs](#)

New data structures:

- [HarvestJobResp](#)

Release 4

Release time: 2021-10-08 14:54:04

Release updates:

Improvement to existing documentation.

New APIs:

- [UnbindCdnDomainWithChannel](#)

Release 3

Release time: 2021-09-28 16:18:21

Release updates:

Improvement to existing documentation.

New APIs:

- [BindNewLVBDomainWithChannel](#)

Modified APIs:

- [CreateStreamPackageChannel](#)
 - New output parameters:Info

Release 2

Release time: 2021-08-23 14:37:53

Release updates:

Improvement to existing documentation.

New APIs:

- [CreateStreamPackageChannel](#)
- [CreateStreamPackageChannelEndpoint](#)
- [DeleteStreamPackageChannelEndpoints](#)
- [DeleteStreamPackageChannels](#)
- [DescribeStreamPackageChannel](#)
- [DescribeStreamPackageChannels](#)
- [ModifyStreamPackageChannel](#)
- [ModifyStreamPackageChannelEndpoint](#)
- [ModifyStreamPackageChannelInputAuthInfo](#)

Deleted APIs:

- [CreateMediaPackageChannel](#)
- [CreateMediaPackageChannelEndpoint](#)
- [DeleteMediaPackageChannelEndpoints](#)
- [DeleteMediaPackageChannels](#)
- [DescribeMediaPackageChannel](#)
- [DescribeMediaPackageChannels](#)
- [ModifyMediaPackageChannel](#)
- [ModifyMediaPackageChannelEndpoint](#)
- [ModifyMediaPackageChannelInputAuthInfo](#)

New data structures:

- [CacheInfo](#)
- [CacheInfoInfo](#)

Modified data structures:

- [ChannelInfo](#)
 - New members:CacheInfo

Release 1

Release time: 2020-07-30 20:06:24

Release updates:

Improvement to existing documentation.

New APIs:

- CreateMediaPackageChannel
- CreateMediaPackageChannelEndpoint
- DeleteMediaPackageChannelEndpoints
- DeleteMediaPackageChannels
- DescribeMediaPackageChannel
- DescribeMediaPackageChannels
- ModifyMediaPackageChannel
- ModifyMediaPackageChannelEndpoint
- ModifyMediaPackageChannelInputAuthInfo

New data structures:

- [ChannelInfo](#)
- [EndpointAuthInfo](#)
- [EndpointInfo](#)
- [InputAuthInfo](#)
- [InputInfo](#)
- [PointInfo](#)

Introduction

Last updated : 2024-05-22 22:11:07

MediaPackage can provide stable, safe and efficient media packaging services, easily preparing and protecting your streaming media files for subsequent multi-channel distribution.

API Category

Last updated : 2025-03-06 10:25:32

HarvestJob Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
BindNewLVBDomainWithChannel	Binds an LVB domain name to a channel	20
CreateStreamPackageChannel	Creates a channel	20
DeleteStreamPackageChannelEndpoints	Deletes channel endpoints in batches	20
DeleteStreamPackageChannels	Deletes channels in batches	20
DescribeStreamPackageChannel	Queries a channel	20
DescribeStreamPackageChannels	Queries multiple channels	20
ModifyStreamPackageChannel	Modifies a channel	20
ModifyStreamPackageChannelInputAuthInfo	Modifies the input authentication information of a channel	20
UnbindCdnDomainWithChannel	Unbinds a CDN playback domain name from a channel	20
CreateStreamPackageChannelEndpoint	Creates a channel endpoint	20
ModifyStreamPackageChannelEndpoint	Modifies a channel endpoint	20
CreateStreamPackageHarvestJob	CreateStreamPackageHarvestJob	20
DeleteStreamPackageHarvestJob	DeleteStreamPackageHarvestJob	20
DeleteStreamPackageHarvestJobs	DeleteStreamPackageHarvestJobs	20
DescribeStreamPackageHarvestJob	DescribeStreamPackageHarvestJob	20
DescribeStreamPackageHarvestJobs	DescribeStreamPackageHarvestJobs	20

SSAI APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateStreamPackageSSAIChannel	CreateStreamPackageSSAIChannel	20
DeleteStreamPackageSSAIChannel	DeleteStreamPackageSSAIChannel	20
DescribeStreamPackageSSAIChannel	DescribeStreamPackageSSAIChannel	20
DescribeStreamPackageSSAIChannels	DescribeStreamPackageSSAIChannels	20
ModifyStreamPackageSSAIChannel	ModifyStreamPackageSSAIChannel	20

Channel linear assembly management APIs

API Name	Feature
DescribeStreamPackageLinearAssemblyChannelAlerts	Query linear assembly channel alarm information
DescribeStreamPackageSourceAlerts	Query channel linear assembly Source alarm information
DeleteStreamPackageLinearAssemblyPrograms	Batch deletion of channels linear assembly program
DeleteStreamPackageLinearAssemblyChannels	Delete channels in batches and linearly assemble channels
ModifyStreamPackageSourceLocation	Modify channel linear assembly SourceLocation configuration
CreateStreamPackageSourceLocation	Create Linear Assembly SourceLocation
DescribeStreamPackageSourceLocationAlerts	Query channel linear assembly Location alarm information
CreateStreamPackageLinearAssemblyProgram	Create a linear assembly program

CreateStreamPackageLinearAssemblyChannel	Create a linear assembly channel
CreateStreamPackageSource	Create channel linear assembly Source
StartStreamPackageLinearAssemblyChannel	Start Linear Assembly Channel
StopStreamPackageLinearAssemblyChannel	Stop linear assembly channel
DeleteStreamPackageLinearAssemblyChannel	Delete channel linear assemblyChannel
DeleteStreamPackageLinearAssemblyProgram	Delete Channel Linear Assembly Program
DeleteStreamPackageSource	Delete channel linear assembly Source
DeleteStreamPackageSourceLocation	Batch delete linear assembly SourceLocation
DescribeStreamPackageLinearAssemblyChannel	Query channel linear assembly Channel informatio
DescribeStreamPackageLinearAssemblyProgram	Query channel linear assembly program informatio
DescribeStreamPackageSource	Query channel linear assembly Source information
DescribeStreamPackageSourceLocation	Query channel linear assembly sourceLocation information
DescribeStreamPackageLinearAssemblyChannels	Query channel linear assembly Channel informatio list
DescribeStreamPackageLinearAssemblyProgramSchedules	Query channel linear assembly ProgramI assembly scheduling information list
DescribeStreamPackageLinearAssemblyPrograms	Query channel linear assembly ProgramI information list
DescribeStreamPackageSourceLocations	Query channel linear assembly SourceLocation information list
DescribeStreamPackageSources	Query channel linear assembly Source information list
ModifyStreamPackageLinearAssemblyChannel	Modify channel linear assembly Channel configuration
ModifyStreamPackageLinearAssemblyProgram	Modify channel linear assembly Program configuration
ModifyStreamPackageSource	Modify channel linear assembly Source configuration

BindLinearAssemblyCDNDomainWithChannel	BindLinearAssemblyCDNDomainWithChannel
DescribeLinearAssemblyCDNDomainWithChannel	DescribeLinearAssemblyCDNDomainWithChannel
DescribeLinearAssemblyCDNDomainWithChannels	DescribeLinearAssemblyCDNDomainWithChannel
UnbindLinearAssemblyCDNDomainWithChannel	UnbindLinearAssemblyCDNDomainWithChannel

Making API Requests

Request Structure

Last updated : 2025-04-16 10:22:27

1. Service Address

The API supports access from either a nearby region (at `mdp.intl.tencentcloudapi.com`) or a specified region (at `mdp.ap-guangzhou.tencentcloudapi.com` for Guangzhou, for example).

We recommend using the domain name to access the nearest server. When you call an API, the request is automatically resolved to a server in the region **nearest** to the location where the API is initiated. For example, when you initiate an API request in Guangzhou, this domain name is automatically resolved to a Guangzhou server, the result is the same as that of specifying the region in the domain like "`mdp.ap-guangzhou.tencentcloudapi.com`".

Note: For latency-sensitive businesses, we recommend that you specify the region in the domain name.

Tencent Cloud currently supports the following regions:

Hosted region	Domain name
Local access region (recommended, only for non-financial availability zones)	<code>mdp.intl.tencentcloudapi.com</code>
South China (Guangzhou)	<code>mdp.ap-guangzhou.tencentcloudapi.com</code>
East China (Shanghai)	<code>mdp.ap-shanghai.tencentcloudapi.com</code>
North China (Beijing)	<code>mdp.ap-beijing.tencentcloudapi.com</code>
Southwest China (Chengdu)	<code>mdp.ap-chengdu.tencentcloudapi.com</code>
Southwest China (Chongqing)	<code>mdp.ap-chongqing.tencentcloudapi.com</code>
Hong Kong, Macao, Taiwan (Hong Kong, China)	<code>mdp.ap-hongkong.tencentcloudapi.com</code>
Southeast Asia (Singapore)	<code>mdp.ap-singapore.tencentcloudapi.com</code>
Southeast Asia (Bangkok)	<code>mdp.ap-bangkok.tencentcloudapi.com</code>

Northeast Asia (Seoul)	mdp.ap-seoul.tencentcloudapi.com
Northeast Asia (Tokyo)	mdp.ap-tokyo.tencentcloudapi.com
U.S. East Coast (Virginia)	mdp.na-ashburn.tencentcloudapi.com
U.S. West Coast (Silicon Valley)	mdp.na-siliconvalley.tencentcloudapi.com
Europe (Frankfurt)	mdp.eu-frankfurt.tencentcloudapi.com

2. Communications Protocol

All the Tencent Cloud APIs communicate via HTTPS, providing highly secure communication tunnels.

3. Request Methods

Supported HTTP request methods:

- POST (recommended)
- GET

The Content-Type types supported by POST requests:

- application/json (recommended). The TC3-HMAC-SHA256 signature algorithm must be used.
- application/x-www-form-urlencoded. The HmacSHA1 or HmacSHA256 signature algorithm must be used.
- multipart/form-data (only supported by certain APIs). You must use TC3-HMAC-SHA256 to calculate the signature.

The size of a GET request packet is up to 32 KB. The size of a POST request is up to 1 MB when the HmacSHA1 or HmacSHA256 signature algorithm is used, and up to 10 MB when TC3-HMAC-SHA256 is used.

4. Character Encoding

Only UTF-8 encoding is used.

Common Params

Last updated : 2025-03-06 10:25:15

Common parameters are used for all APIs authenticating requestors. Common parameters must be included in all API requests, and they will not be described in individual API documents.

The exact contents of the common parameters will vary depending on the version of the signature method you use.

Common parameters for Signature Algorithm v3

When the TC3-HMAC-SHA256 algorithm is used, the common parameters should be uniformly placed in the HTTP request header, as shown below:

Parameter Name	Type	Required	Description
X-TC-Action	String	Yes	The name of the API for the desired operation. For the specific value, see description of common parameter <code>Action</code> in the input parameters in related API documentation. For example, the API for querying the CVM instance list is <code>DescribeInstances</code> .
X-TC-Region	String	Yes	Region parameter, which is used to identify the region to which the data you work with belongs. For values supported for an API, see the description of common parameter <code>Region</code> in the input parameters in related API documentation. This parameter is not required for some APIs (which will be indicated in related API documentation), and will not take effect even it is passed.
X-TC-Timestamp	Integer	Yes	The current UNIX timestamp that records the time when the API request is sent. For example, 1529223702. Note: If the difference between the UNIX timestamp and server time is greater than 5 minutes, a signature expiration error may occur.
X-TC-Version	String	Yes	API version of the action. For the valid values, see the description of the common parameter <code>Version</code> in the API documentation. For example, the version is 2017-03-12.
Authorization	String	Yes	The HTTP authentication request header, for example: TC3-HMAC-SHA256 Credential=AKID*****/Date/service/tc3_request, SignedHeaders=content-type;host, Signature=fe5f80f77d5fa3beca038a248ff027d0445342fe2855ddc96317 Here: - TC3-HMAC-SHA256: Signature method, currently fixed as this value; - Credential: Signature credential; AKID**** is the SecretId; Date is a date in the format of YYYY-MM-DDTHH:MM:SSZ, and this value must match the value of X-TC-Timestamp (a common parameter).

			UTC time format; service is the name of the product/service, and is general name prefix. For example, a domain name cvm.tencentcloudapi.com refers to product and the value would be cvm; - SignedHeaders: The headers that contain the authentication information type and host are the required headers; - Signature: Signature digest.
X-TC-Token	String	No	The token used for a temporary certificate. It must be used with a temporary key. You can obtain the temporary key and token by calling a CAM API. No token is required for a long-term key.

Assuming you want to query the list of Cloud Virtual Machine instances in the Guangzhou region, the request structure in the form of request URL, request header and request body may be as follows:

Example of an HTTP GET request structure:

```
https://cvm.tencentcloudapi.com/?Limit=10&Offset=0

Authorization: TC3-HMAC-SHA256 Credential=AKID*****/2018-10-09/cvm/tc3_request, SignedHeaders=content-type;host, Signature=5da7a33f6993f0614b047e5df4582db9e9bf4672ba50567dba16c6ccf174c474
Content-Type: application/x-www-form-urlencoded
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1539084154
X-TC-Region: ap-guangzhou
```

The following example shows you how to structure an HTTP POST (application/json) request:

```
https://cvm.tencentcloudapi.com/

Authorization: TC3-HMAC-SHA256 Credential=AKID*****/2018-05-30/cvm/tc3_request, SignedHeaders=content-type;host, Signature=582c400e06b5924a6f2b5d7d672d79c15b13162d9279b0855cfba6789a8edb4c
Content-Type: application/json
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1527672334
X-TC-Region: ap-guangzhou

{"Offset":0,"Limit":10}
```

Example of an HTTP POST (multipart/form-data) request structure (only supported by specific APIs):

```
https://cvm.tencentcloudapi.com/
```

```
Authorization: TC3-HMAC-SHA256 Credential=AKID*****/2018-05-30/cvm/tc3_request, SignedHeaders=content-type;host, Signature=582c400e06b5924a6f2b5d7d672d79c15b13162d9279b0855cfba6789a8edb4c
```

```
Content-Type: multipart/form-data; boundary=58731222010402
```

```
Host: cvm.tencentcloudapi.com
```

```
X-TC-Action: DescribeInstances
```

```
X-TC-Version: 2017-03-12
```

```
X-TC-Timestamp: 1527672334
```

```
X-TC-Region: ap-guangzhou
```

```
--58731222010402
```

```
Content-Disposition: form-data; name="Offset"
```

```
0
```

```
--58731222010402
```

```
Content-Disposition: form-data; name="Limit"
```

```
10
```

```
--58731222010402--
```

Common parameters for Signature Algorithm v1

To adopt the HmacSHA1 and HmacSHA256 signature methods, common parameters must be put into the request string, as shown below:

Parameter Name	Type	Required	Description
Action	String	Yes	The name of the API for the desired operation. For the specific value, see the description of common parameter <code>Action</code> in the input parameters in related API documentation. For example, the API for querying the CVM instance list is <code>DescribeInstances</code> .
Region	String	Yes	Region parameter, which is used to identify the region to which the data you want to work with belongs. For values supported for an API, see the description of common parameter <code>Region</code> in the input parameters in related API documentation. Note: This parameter is not required for some APIs (which will be indicated in related API documentation), and will not take effect even if it is passed.

Timestamp	Integer	Yes	The current UNIX timestamp that records the time when the API request was initiated, for example, 1529223702. If the difference between the value and the current system time is too large, a signature expiration error may occur.
Nonce	Integer	Yes	A random positive integer used along with <code>Timestamp</code> to prevent replay attacks.
SecretId	String	Yes	The identifying SecretId obtained on the Cloud API Key page. A SecretId corresponds to a unique SecretKey which is used to generate the request signature (Signature).
Signature	String	Yes	Request signature used to verify the validity of this request. This is calculated based on the actual input parameters. For more information about how this is calculated, see the API authentication documentation.
Version	String	Yes	API version of the action. For the valid values, see the description of the common input parameter <code>Version</code> in the API documentation. For example, the version of CVM is 2017-03-12.
SignatureMethod	String	No	Signature method. Currently, only HmacSHA256 and HmacSHA1 are supported. The HmacSHA256 algorithm is used to verify the signature only when this parameter is specified as HmacSHA256. In other cases, the signature is verified with HmacSHA1.
Token	String	No	The token used for a temporary certificate. It must be used with a temporary key. You can obtain the temporary key and token by calling a CAM API. No token is required for a long-term key.

Assuming you want to query the list of Cloud Virtual Machine instances in the Guangzhou region, the request structure in the form of request URL, request header and request body may be as follows:

Example of an HTTP GET request structure:

```
https://cvm.tencentcloudapi.com/?Action=DescribeInstances&Version=2017-03-12&SignatureMethod=HmacSHA256&Timestamp=1527672334&Signature=37ac2f4fde00b0ac9bd9eadeb459b1bbbe224158d66e7ae5fcadb70b2d181d02&Region=ap-guangzhou&Nonce=23823223&SecretId=AKID*****
```

```
Host: cvm.tencentcloudapi.com
Content-Type: application/x-www-form-urlencoded
```

Example of an HTTP POST request structure:

```
https://cvm.tencentcloudapi.com/
```

```
Host: cvm.tencentcloudapi.com
```

```
Content-Type: application/x-www-form-urlencoded
```

```
Action=DescribeInstances&Version=2017-03-12&SignatureMethod=HmacSHA256&Timestamp=
1527672334&Signature=37ac2f4fde00b0ac9bd9eadeb459b1bbec224158d66e7ae5fcadb70b2d18
1d02&Region=ap-guangzhou&Nonce=23823223&SecretId=AKID*****
****
```

Region List

The supported Region field values for all APIs in this product are listed as below. For any API that does not support any of the following regions, this field will be described additionally in the relevant API document.

Region	Value
Southeast Asia (Bangkok)	ap-bangkok
Northeast Asia (Seoul)	ap-seoul
Southeast Asia (Singapore)	ap-singapore
Northeast Asia (Tokyo)	ap-tokyo
Europe (Frankfurt)	eu-frankfurt
East US (Virginia)	na-ashburn

Signature v3

Last updated : 2025-02-12 16:05:23

TencentCloud API authenticates every single request, i.e., the request must be signed using the security credentials in the designated steps. Each request has to contain the signature information (Signature) in the common request parameters and be sent in the specified way and format.

Applying for Security Credentials

The security credential used in this document is a key, which includes a SecretId and a SecretKey. Each user can have up to two pairs of keys.

- SecretId: Used to identify the API caller, which is just like a username.
- SecretKey: Used to authenticate the API caller, which is just like a password.
- **You must keep your security credentials private and avoid disclosure; otherwise, your assets may be compromised. If they are disclosed, please disable them as soon as possible.**

You can apply for the security credentials through the following steps:

1. Log in to the [Tencent Cloud Console](#).
2. Go to the [TencentCloud API Key](#) console page.
3. On the [TencentCloud API Key](#) page, click **Create** to create a SecretId/SecretKey pair.

Using the Resources for Developers

TencentCloud API comes with SDKs for seven commonly used programming languages, including [Python](#), [Java](#), [PHP](#), [Go](#), [NodeJS](#) and [.NET](#). In addition, it provides [API Explorer](#) which enables online call, signature verification, and SDK code generation. If you have any troubles calculating a signature, consult these resources.

TC3-HMAC-SHA256 Signature Algorithm

Compatible with the previous HmacSHA1 and HmacSHA256 signature algorithms, the TC3-HMAC-SHA256 signature algorithm is more secure and supports larger requests and JSON format with better performance. We recommend using TC3-HMAC-SHA256 to calculate the signature.

TencentCloud API supports both GET and POST requests. For the GET method, only the Content-Type: application/x-www-form-urlencoded protocol format is supported. For the POST method, two protocol formats,

Content-Type: application/json and Content-Type: multipart/form-data, are supported. The JSON format is supported by default for all business APIs, and the multipart format is supported only for specific business APIs. In this case, the API cannot be called in JSON format. See the specific business API documentation for more information. The POST method is recommended, as there is no difference in the results of both the methods, but the GET method only supports request packets up to 32 KB.

The following uses querying the list of CVM instances in the Guangzhou region as an example to describe the steps of signature splicing. We chose this API because:

1. CVM is activated by default, and this API is often used;
2. It is read-only and does not change the status of existing resources;
3. It covers many types of parameters, which allows it to be used to demonstrate how to use arrays containing data structures.

In the example, we try to choose common parameters and API parameters that are prone to mistakes. When you actually call an API, please use parameters based on the actual conditions. The parameters vary by API. Do not copy the parameters and values in this example.

Assuming that your SecretId and SecretKey are `AKID*****` and `*****`, respectively, if you want to view the status of the instance in the Guangzhou region whose CVM instance name is "unnamed" and have only one data entry returned, then the request may be:

```
curl -X POST https://cvm.tencentcloudapi.com \
-H "Authorization: TC3-HMAC-SHA256 Credential=AKID*****
*/2019-02-25/cvm/tc3_request, SignedHeaders=content-type;host, Signature=a7b85514
48762bd123d6f79e81815e31a92013640a6cef36a08ad4b292a4d2f2" \
-H "Content-Type: application/json; charset=utf-8" \
-H "Host: cvm.tencentcloudapi.com" \
-H "X-TC-Action: DescribeInstances" \
-H "X-TC-Timestamp: 1551113065" \
-H "X-TC-Version: 2017-03-12" \
-H "X-TC-Region: ap-guangzhou" \
-d '{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-name"}]}'
```

The signature calculation process is explained in detail below.

1. Concatenating the CanonicalRequest String

Concatenate the canonical request string (CanonicalRequest) in the following pseudocode format:

```
CanonicalRequest =
HTTPRequestMethod + '\n' +
CanonicalURI + '\n' +
```

```
CanonicalQueryString + '\n' +
CanonicalHeaders + '\n' +
SignedHeaders + '\n' +
HashedRequestPayload
```

Field Name	Explanation
HTTPRequestMethod	HTTP request method (GET or POST). This example uses <code>POST</code> .
CanonicalURI	URI parameter. Slash ("/") is used for API 3.0.
CanonicalQueryString	The query string in the URL of the originating HTTP request. This is always an empty string for POST requests, and is the string after the question mark (?) for GET requests. For example: <code>Limit=10&Offset=0</code>. Note: <code>CanonicalQueryString</code> must be URL-encoded, referencing RFC3986, the UTF8 character set. We recommend using the programming language library. All special characters must be encoded and capitalized.
CanonicalHeaders	Header information for signature calculation, including at least two headers of <code>host</code> and <code>content-type</code>. Custom headers can be added to participate in the signature process to improve the uniqueness and security of the request. Concatenation rules: - Both the key and value of the header should be converted to lowercase with the leading and trailing spaces removed, so they are concatenated in the format of <code>key:value\n</code> format; - If there are multiple headers, they should be sorted in ASCII ascending order by the header keys (lowercase). The calculation result in this example is <code>content-type:application/json; charset=utf-8\nhost:cvm.tencentcloudapi.com\n</code>. Note: <code>content-type</code> must match the actually sent content. In some programming languages, a charset value would be added even if it is not specified. In this case, the request sent is different from the one signed, and the server will return an error indicating signature verification failed.
SignedHeaders	Header information for signature calculation, indicating which headers of the request participate in the signature process (they must each individually correspond to the headers in CanonicalHeaders). <code>Content-type</code> and <code>host</code> are required headers. Concatenation rules: - Both the key and value of the header should be converted to lowercase; - If there are multiple headers, they should be sorted in ASCII ascending order by the header keys (lowercase) and separated by semicolons (;). The value in this example is <code>content-type;host</code>
HashedRequestPayload	Hash value of the request payload (i.e., the body, such as <code>{"Limit": 1, "Filter</code>

`[{"Values": ["unnamed"], "Name": "instance-name"}]` in this example
The pseudocode for calculation is
Lowercase(HexEncode(Hash.SHA256(RequestPayload))) by SHA256 hashing the payload of the HTTP request, performing hexadecimal encoding, and finally converting the encoded string to lowercase letters. For GET requests, `RequestPayload` is always an empty string. The calculation result in this example is
`99d58dfbc6745f6747f36bfca17dee5e6881dc0428a0a36f96199342bc5b4907`

According to the rules above, the `CanonicalRequest` string obtained in the example is as follows:

POST

/

content-type:application/json; charset=utf-8

host:cvm.tencentcloudapi.com

content-type;host

`99d58dfbc6745f6747f36bfca17dee5e6881dc0428a0a36f96199342bc5b4907`

2. Concatenating the String to Be Signed

The string to sign is concatenated as follows:

```
StringToSign =  
Algorithm + \n +  
RequestTimestamp + \n +  
CredentialScope + \n +  
HashedCanonicalRequest
```

Field Name	Explanation
Algorithm	Signature algorithm, which is currently always <code>TC3-HMAC-SHA256</code> .
RequestTimestamp	Request timestamp, i.e., the value of the common parameter <code>X-TC-Timestamp</code> in request header, which is the UNIX timestamp of the current time in seconds, such as <code>1551113065</code> in this example.
CredentialScope	Scope of the credential in the format of <code>Date/service/tc3_request</code> , including date, requested service and termination string (tc3_request). Date is a date in UTC time, whose value should match the UTC date converted by the common parameter X-TC-Timestamp ; <code>service</code> is the product name, which should be the domain name of the product called. The calculation result in this example is <code>2018-07-25/cvm/tc3_request</code> .

HashedCanonicalRequest

Hash value of the CanonicalRequest string concatenated in the steps above. The pseudocode for calculation is Lowercase(HexEncode(Hash.SHA256(CanonicalRequest))). The calculation result in this example is

```
2815843035062fffd6f2a44ea8a34818b0dc46f024b8b3786976a3ad
```

Note:

1. Date has to be calculated from the timestamp "X-TC-Timestamp" and the time zone is UTC+0. If you add the system's local time zone information (such as UTC+8), calls can succeed both day and night but will definitely fail at 00:00. For example, if the timestamp is 1551113065 and the time in UTC+8 is 2019-02-26 00:44:25, the UTC+0 date in the calculated Date value should be 2019-02-25 instead of 2019-02-26.
2. Timestamp must be the same as your current system time, and your system time and standard time must be synced; if the difference between Timestamp and your current system time is larger than five minutes, the request will fail. If your system time is out of sync with the standard time for a while, the request will fail and return a signature expiration error.

According to the preceding rules, the string to be signed obtained in the example is as follows:

```
TC3-HMAC-SHA256
1551113065
2019-02-25/cvm/tc3_request
2815843035062fffd6f2a44ea8a34818b0dc46f024b8b3786976a3adda7a
```

3. Calculating the Signature

1. Calculate the derived signature key with the following pseudocode:

```
SecretKey = "*****"
SecretDate = HMAC_SHA256("TC3" + SecretKey, Date)
SecretService = HMAC_SHA256(SecretDate, Service)
SecretSigning = HMAC_SHA256(SecretService, "tc3_request")
```

Field Name	Explanation
SecretKey	The original SecretKey, i.e., *****.
Date	The Date field information in Credential , such as 2019-02-25 in this example.

Service	Value in the Service field in <code>Credential</code> , such as <code>cvm</code> in this example.
---------	---

2. Calculate the signature with the following pseudocode:

```
Signature = HexEncode(HMAC_SHA256(SecretSigning, StringToSign))
```

4. Concatenating the Authorization

The Authorization is concatenated as follows:

```
Authorization =
Algorithm + ' ' +
'Credential=' + SecretId + '/' + CredentialScope + ', ' +
'SignedHeaders=' + SignedHeaders + ', ' +
'Signature=' + Signature
```

Field Name	Explanation
Algorithm	Signature algorithm, which is always <code>TC3-HMAC-SHA256</code> .
SecretId	The SecretId in the key pair, i.e., <code>AKID*****</code> .
CredentialScope	Credential scope (see above). The calculation result in this example is <code>2019-02-25/cvm/tc3_request</code> .
SignedHeaders	Header information for signature calculation (see above), such as <code>content-type;host</code> in this example.
Signature	Signature value. The calculation result in this example is <code>a7b8551448762bd123d6f79e81815e31a92013640a6cef36a08ad4b292a4d2f2</code> .

According to the rules above, the value obtained in the example is:

```
TC3-HMAC-SHA256 Credential=AKID*****/2019-02-25/cvm/tc3_request, SignedHeaders=content-type;host, Signature=a7b8551448762bd123d6f79e81815e31a92013640a6cef36a08ad4b292a4d2f2
```

The following example shows a finished authorization header:

```
POST https://cvm.tencentcloudapi.com/
Authorization: TC3-HMAC-SHA256 Credential=AKID*****/2019-02-25/cvm/tc3_request, SignedHeaders=content-type;host, Signature=a7b8551448762bd123d6f79e81815e31a92013640a6cef36a08ad4b292a4d2f2
```

```
Content-Type: application/json; charset=utf-8
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1551113065
X-TC-Region: ap-guangzhou

{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-name"}]}
```

5. Signature Demo

When calling API 3.0, you are recommended to use the corresponding Tencent Cloud SDK 3.0 which encapsulates the signature process, enabling you to focus on only the specific APIs provided by the product when developing. See [SDK Center](#) for more information. Currently, the following programming languages are supported:

- [Python](#)
- [Java](#)
- [PHP](#)
- [Go](#)
- [NodeJS](#)
- [.NET](#)

To further explain the signing process, we will use a programming language to implement the process described above. The request domain name, API and parameter values in the sample are used here. This goal of this example is only to provide additional clarification for the signature process, please see the SDK for actual usage.

The final output URL might be: `https://cvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceId=ins-09dx96dg&Limit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKID*****&Signature=EliP9YW3pW28FpsEdkXt%2F%2BWcGel%3D&Timestamp=1465185768&Version=2017-03-12.`

Note: The key in the example is fictitious, and the timestamp is not the current time of the system, so if this URL is opened in the browser or called using commands such as curl, an authentication error will be returned: Signature expired. In order to get a URL that can work properly, you need to replace the SecretId and SecretKey in the example with your real credentials and use the current time of the system as the Timestamp.

Note: In the example below, even if you use the same programming language, the order of the parameters in the URL may be different for each execution. However, the order does not matter, as long as all the parameters are included in the URL and the signature is calculated correctly.

Note: The following code is only applicable to API 3.0. It cannot be directly used in other signature processes. Even with an older API, signature calculation errors may occur due to the differences in details. Please refer to the corresponding documentation.

Java

```
import java.nio.charset.Charset;
import java.nio.charset.StandardCharsets;
import java.security.MessageDigest;
import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.TimeZone;
import java.util.TreeMap;
import javax.crypto.Mac;
import javax.crypto.spec.SecretKeySpec;
import javax.xml.bind.DatatypeConverter;

public class TencentCloudAPITC3Demo {
    private final static Charset UTF8 = StandardCharsets.UTF_8;
    private final static String SECRET_ID = "AKID*****";
    private final static String SECRET_KEY = "*****";
    private final static String CT_JSON = "application/json; charset=utf-8";

    public static byte[] hmac256(byte[] key, String msg) throws Exception {
        Mac mac = Mac.getInstance("HmacSHA256");
        SecretKeySpec secretKeySpec = new SecretKeySpec(key, mac.getAlgorithm());
        mac.init(secretKeySpec);
        return mac.doFinal(msg.getBytes(UTF8));
    }

    public static String sha256Hex(String s) throws Exception {
        MessageDigest md = MessageDigest.getInstance("SHA-256");
        byte[] d = md.digest(s.getBytes(UTF8));
        return DatatypeConverter.printHexBinary(d).toLowerCase();
    }

    public static void main(String[] args) throws Exception {
        String service = "cvm";
        String host = "cvm.tencentcloudapi.com";
        String region = "ap-guangzhou";
        String action = "DescribeInstances";
        String version = "2017-03-12";
        String algorithm = "TC3-HMAC-SHA256";
        String timestamp = "1551113065";
        //String timestamp = String.valueOf(System.currentTimeMillis() / 1000);
        SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
        // Pay attention to the time zone; otherwise, errors may occur
        sdf.setTimeZone(TimeZone.getTimeZone("UTC"));
        String date = sdf.format(new Date(Long.valueOf(timestamp + "000")));

        // ***** Step 1: Concatenate the CanonicalRequest string *****
    }
```



```

String httpRequestMethod = "POST";
String canonicalUri = "/";
String canonicalQueryString = "";
String canonicalHeaders = "content-type:application/json; charset=utf-8\n" + "host:" + host + "\n";
String signedHeaders = "content-type;host";

String payload = "{\"Limit\": 1, \"Filters\": [{\"Values\": [\"unnamed\"], \"Name\": \"instance-name\"}]}";
String hashedRequestPayload = sha256Hex(payload);
String canonicalRequest = httpRequestMethod + "\n" + canonicalUri + "\n" + canonicalQueryString + "\n"
+ canonicalHeaders + "\n" + signedHeaders + "\n" + hashedRequestPayload;
System.out.println(canonicalRequest);

// ***** Step 2: Concatenate the string to sign *****
String credentialScope = date + "/" + service + "/" + "tc3_request";
String hashedCanonicalRequest = sha256Hex(canonicalRequest);
String stringToSign = algorithm + "\n" + timestamp + "\n" + credentialScope +
"\n" + hashedCanonicalRequest;
System.out.println(stringToSign);

// ***** Step 3: Calculate the signature *****
byte[] secretDate = hmac256(("TC3" + SECRET_KEY).getBytes(UTF8), date);
byte[] secretService = hmac256(secretDate, service);
byte[] secretSigning = hmac256(secretService, "tc3_request");
String signature = DatatypeConverter.printHexBinary(hmac256(secretSigning, stringToSign)).toLowerCase();
System.out.println(signature);

// ***** Step 4: Concatenate the Authorization *****
String authorization = algorithm + " " + "Credential=" + SECRET_ID + "/" + credentialScope + ", "
+ "SignedHeaders=" + signedHeaders + ", " + "Signature=" + signature;
System.out.println(authorization);

TreeMap<String, String> headers = new TreeMap<String, String>();
headers.put("Authorization", authorization);
headers.put("Content-Type", CT_JSON);
headers.put("Host", host);
headers.put("X-TC-Action", action);
headers.put("X-TC-Timestamp", timestamp);
headers.put("X-TC-Version", version);
headers.put("X-TC-Region", region);

StringBuilder sb = new StringBuilder();
sb.append("curl -X POST https://").append(host)

```

```

.append(" -H \"Authorization: ").append(authorization).append("\")
.append(" -H \"Content-Type: application/json; charset=utf-8\"")
.append(" -H \"Host: ").append(host).append("\")
.append(" -H \"X-TC-Action: ").append(action).append("\")
.append(" -H \"X-TC-Timestamp: ").append(timestamp).append("\")
.append(" -H \"X-TC-Version: ").append(version).append("\")
.append(" -H \"X-TC-Region: ").append(region).append("\")
.append(" -d '").append(payload).append("'");
System.out.println(sb.toString());
}
}

```

Python

```

# -*- coding: utf-8 -*-
import hashlib, hmac, json, os, sys, time
from datetime import datetime

# Key Parameters
secret_id = "AKID*****"
secret_key = "*****"

service = "cvm"
host = "cvm.tencentcloudapi.com"
endpoint = "https://" + host
region = "ap-guangzhou"
action = "DescribeInstances"
version = "2017-03-12"
algorithm = "TC3-HMAC-SHA256"
#timestamp = int(time.time())
timestamp = 1551113065
date = datetime.utcfromtimestamp(timestamp).strftime("%Y-%m-%d")
params = {"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-name"}]}

# ***** Step 1: Concatenate the CanonicalRequest string *****
http_request_method = "POST"
canonical_uri = "/"
canonical_querystring = ""
ct = "application/json; charset=utf-8"
payload = json.dumps(params)
canonical_headers = "content-type:%s\nhost:%s\n" % (ct, host)
signed_headers = "content-type;host"
hashed_request_payload = hashlib.sha256(payload.encode("utf-8")).hexdigest()
canonical_request = (http_request_method + "\n" +
canonical_uri + "\n" +

```

```

canonical_querystring + "\n" +
canonical_headers + "\n" +
signed_headers + "\n" +
hashed_request_payload)
print(canonical_request)

# ***** Step 2: Concatenate the string to sign *****
credential_scope = date + "/" + service + "/" + "tc3_request"
hashed_canonical_request = hashlib.sha256(canonical_request.encode("utf-8")).hexdigest()
string_to_sign = (algorithm + "\n" +
str(timestamp) + "\n" +
credential_scope + "\n" +
hashed_canonical_request)
print(string_to_sign)

# ***** Step 3: Calculate the Signature *****
# Function for computing signature digest
def sign(key, msg):
return hmac.new(key, msg.encode("utf-8"), hashlib.sha256).digest()
secret_date = sign(("TC3" + secret_key).encode("utf-8"), date)
secret_service = sign(secret_date, service)
secret_signing = sign(secret_service, "tc3_request")
signature = hmac.new(secret_signing, string_to_sign.encode("utf-8"), hashlib.sha256).hexdigest()
print(signature)

# ***** Step 4: Concatenate the Authorization *****
authorization = (algorithm + " " +
"Credential=" + secret_id + "/" + credential_scope + ", " +
"SignedHeaders=" + signed_headers + ", " +
"Signature=" + signature)
print(authorization)

print('curl -X POST ' + endpoint
+ ' -H "Authorization: ' + authorization + '" '
+ ' -H "Content-Type: application/json; charset=utf-8" '
+ ' -H "Host: ' + host + '" '
+ ' -H "X-TC-Action: ' + action + '" '
+ ' -H "X-TC-Timestamp: ' + str(timestamp) + '" '
+ ' -H "X-TC-Version: ' + version + '" '
+ ' -H "X-TC-Region: ' + region + '" '
+ " -d '" + payload + "'")

```

Golang

```

package main

import (
    "crypto/hmac"
    "crypto/sha256"
    "encoding/hex"
    "fmt"
    "time"
)

func sha256hex(s string) string {
    b := sha256.Sum256([]byte(s))
    return hex.EncodeToString(b[:])
}

func hmacsha256(s, key string) string {
    hashed := hmac.New(sha256.New, []byte(key))
    hashed.Write([]byte(s))
    return string(hashed.Sum(nil))
}

func main() {
    secretId := "AKID*****"
    secretKey := "*****"
    host := "cvm.tencentcloudapi.com"
    algorithm := "TC3-HMAC-SHA256"
    service := "cvm"
    version := "2017-03-12"
    action := "DescribeInstances"
    region := "ap-guangzhou"
    //var timestamp int64 = time.Now().Unix()
    var timestamp int64 = 1551113065

    // step 1: build canonical request string
    httpRequestMethod := "POST"
    canonicalURI := "/"
    canonicalQueryString := ""
    canonicalHeaders := "content-type:application/json; charset=utf-8\n" + "host:" +
    host + "\n"
    signedHeaders := "content-type;host"
    payload := `{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-na
me"}]}`
    hashedRequestPayload := sha256hex(payload)
    canonicalRequest := fmt.Sprintf("%s\n%s\n%s\n%s\n%s\n%s",
    httpRequestMethod,
    canonicalURI,

```

```

canonicalQueryString,
canonicalHeaders,
signedHeaders,
hashedRequestPayload)
fmt.Println(canonicalRequest)

// step 2: build string to sign
date := time.Unix(timestamp, 0).UTC().Format("2006-01-02")
credentialScope := fmt.Sprintf("%s/%s/tc3_request", date, service)
hashedCanonicalRequest := sha256hex(canonicalRequest)
string2sign := fmt.Sprintf("%s\n%d\n%s\n%s",
algorithm,
timestamp,
credentialScope,
hashedCanonicalRequest)
fmt.Println(string2sign)

// step 3: sign string
secretDate := hmacsha256(date, "TC3"+secretKey)
secretService := hmacsha256(service, secretDate)
secretSigning := hmacsha256("tc3_request", secretService)
signature := hex.EncodeToString([]byte(hmacsha256(string2sign, secretSigning)))
fmt.Println(signature)

// step 4: build authorization
authorization := fmt.Sprintf("%s Credential=%s/%s, SignedHeaders=%s, Signature=%s",
algorithm,
secretId,
credentialScope,
signedHeaders,
signature)
fmt.Println(authorization)

curl := fmt.Sprintf(`curl -X POST https://%s\
-H "Authorization: %s"\
-H "Content-Type: application/json; charset=utf-8"\
-H "Host: %s" -H "X-TC-Action: %s"\
-H "X-TC-Timestamp: %d"\
-H "X-TC-Version: %s"\
-H "X-TC-Region: %s"\
-d '%s'`, host, authorization, host, action, timestamp, version, region, payload)
fmt.Println(curl)
}

```

PHP

```
<?php
$secretId = "AKID*****";
$secretKey = "*****";
$host = "cvm.tencentcloudapi.com";
$service = "cvm";
$version = "2017-03-12";
$action = "DescribeInstances";
$region = "ap-guangzhou";
// $timestamp = time();
$timestamp = 1551113065;
$algorithm = "TC3-HMAC-SHA256";

// step 1: build canonical request string
$httpRequestMethod = "POST";
$canonicalUri = "/";
$canonicalQueryString = "";
$canonicalHeaders = "content-type:application/json; charset=utf-8\n"."host:". $host. "\n";
$signedHeaders = "content-type;host";
$payload = '{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-name"}]}';
$hashedRequestPayload = hash("SHA256", $payload);
$canonicalRequest = $httpRequestMethod. "\n"
.$canonicalUri. "\n"
.$canonicalQueryString. "\n"
.$canonicalHeaders. "\n"
.$signedHeaders. "\n"
.$hashedRequestPayload;
echo $canonicalRequest. PHP_EOL;

// step 2: build string to sign
$date = gmdate("Y-m-d", $timestamp);
$credentialScope = $date. "/" . $service. "/tc3_request";
$hashedCanonicalRequest = hash("SHA256", $canonicalRequest);
$stringToSign = $algorithm. "\n"
.$timestamp. "\n"
.$credentialScope. "\n"
.$hashedCanonicalRequest;
echo $stringToSign. PHP_EOL;

// step 3: sign string
$secretDate = hash_hmac("SHA256", $date, "TC3". $secretKey, true);
$secretService = hash_hmac("SHA256", $service, $secretDate, true);
$secretSigning = hash_hmac("SHA256", "tc3_request", $secretService, true);
$signature = hash_hmac("SHA256", $stringToSign, $secretSigning);
echo $signature. PHP_EOL;
```

```
// step 4: build authorization
$authorization = $algorithm
." Credential=".$secretId."/".$credentialScope
.", SignedHeaders=content-type;host, Signature=".$signature;
echo $authorization.PHP_EOL;

$curl = "curl -X POST https://".$host
.' -H "Authorization: '.$authorization.'"
.' -H "Content-Type: application/json; charset=utf-8"
.' -H "Host: '.$host.'"
.' -H "X-TC-Action: '.$action.'"
.' -H "X-TC-Timestamp: '.$timestamp.'"
.' -H "X-TC-Version: '.$version.'"
.' -H "X-TC-Region: '.$region.'"
." -d ".$payload."";
echo $curl.PHP_EOL;
```

Ruby

```
# -*- coding: UTF-8 -*-
# require ruby>=2.3.0
require 'digest'
require 'json'
require 'time'
require 'openssl'

# Key Parameters
secret_id = 'AKID*****'
secret_key = '*****'

service = 'cvm'
host = 'cvm.tencentcloudapi.com'
endpoint = 'https://' + host
region = 'ap-guangzhou'
action = 'DescribeInstances'
version = '2017-03-12'
algorithm = 'TC3-HMAC-SHA256'
# timestamp = Time.now.to_i
timestamp = 1551113065
date = Time.at(timestamp).utc.strftime('%Y-%m-%d')

# ***** Step 1: Concatenate the CanonicalRequest string *****
http_request_method = 'POST'
canonical_uri = '/'
canonical_querystring = ''
```

```

canonical_headers = "content-type:application/json; charset=utf-8\nhost:#{host}
\n"
signed_headers = 'content-type;host'
# params = { 'Limit' => 1, 'Filters' => [{ 'Name' => 'instance-name', 'Values' =>
['unnamed'] }] }
# payload = JSON.generate(params, { 'ascii_only' => true, 'space' => ' ' })
# json will generate in random order, to get specified result in example, we hard
-code it here.
payload = '{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-nam
e"}]}'
hashed_request_payload = Digest::SHA256.hexdigest(payload)
canonical_request = [
http_request_method,
canonical_uri,
canonical_querystring,
canonical_headers,
signed_headers,
hashed_request_payload,
].join("\n")

puts canonical_request

# ***** Step 2: Concatenate the string to sign *****
credential_scope = date + '/' + service + '/' + 'tc3_request'
hashed_request_payload = Digest::SHA256.hexdigest(canonical_request)
string_to_sign = [
algorithm,
timestamp.to_s,
credential_scope,
hashed_request_payload,
].join("\n")
puts string_to_sign

# ***** Step 3: Calculate the Signature *****
digest = OpenSSL::Digest.new('sha256')
secret_date = OpenSSL::HMAC.digest(digest, 'TC3' + secret_key, date)
secret_service = OpenSSL::HMAC.digest(digest, secret_date, service)
secret_signing = OpenSSL::HMAC.digest(digest, secret_service, 'tc3_request')
signature = OpenSSL::HMAC.hexdigest(digest, secret_signing, string_to_sign)
puts signature

# ***** Step 4: Concatenate the Authorization *****
authorization = "#{algorithm} Credential=#{secret_id}/#{credential_scope}, Signed
Headers=#{signed_headers}, Signature=#{signature}"
puts authorization

puts 'curl -X POST ' + endpoint \

```



```
+ ' -H "Authorization: ' + authorization + "' \
+ ' -H "Content-Type: application/json; charset=utf-8"' \
+ ' -H "Host: ' + host + "' \
+ ' -H "X-TC-Action: ' + action + "' \
+ ' -H "X-TC-Timestamp: ' + timestamp.to_s + "' \
+ ' -H "X-TC-Version: ' + version + "' \
+ ' -H "X-TC-Region: ' + region + "' \
+ " -d '" + payload + "'"
```

DotNet

```
using System;
using System.Collections.Generic;
using System.Security.Cryptography;
using System.Text;

public class Application
{
    public static string SHA256Hex(string s)
    {
        using (SHA256 algo = SHA256.Create())
        {
            byte[] hashbytes = algo.ComputeHash(Encoding.UTF8.GetBytes(s));
            StringBuilder builder = new StringBuilder();
            for (int i = 0; i < hashbytes.Length; ++i)
            {
                builder.Append(hashbytes[i].ToString("x2"));
            }
            return builder.ToString();
        }
    }

    public static byte[] HmacSHA256(byte[] key, byte[] msg)
    {
        using (HMACSHA256 mac = new HMACSHA256(key))
        {
            return mac.ComputeHash(msg);
        }
    }

    public static Dictionary<String, String> BuildHeaders(string secretid,
        string secretkey, string service, string endpoint, string region,
        string action, string version, DateTime date, string requestPayload)
    {
        string datestr = date.ToString("yyyy-MM-dd");
        DateTime startTime = new DateTime(1970, 1, 1, 0, 0, 0, 0, DateTimeKind.Utc);
        long requestTimestamp = (long)Math.Round((date - startTime).TotalMilliseconds, Mi
```

```

dpointRounding.AwayFromZero) / 1000;
// ***** Step 1: Concatenate the CanonicalRequest string *****
string algorithm = "TC3-HMAC-SHA256";
string httpRequestMethod = "POST";
string canonicalUri = "/";
string canonicalQueryString = "";
string contentType = "application/json";
string canonicalHeaders = "content-type:" + contentType + "; charset=utf-8\n" +
"host:" + endpoint + "\n";
string signedHeaders = "content-type;host";
string hashedRequestPayload = SHA256Hex(requestPayload);
string canonicalRequest = httpRequestMethod + "\n"
+ canonicalUri + "\n"
+ canonicalQueryString + "\n"
+ canonicalHeaders + "\n"
+ signedHeaders + "\n"
+ hashedRequestPayload;
Console.WriteLine(canonicalRequest);
Console.WriteLine("-----");

// ***** Step 2: Concatenate the string to sign *****
string credentialScope = datestr + "/" + service + "/" + "tc3_request";
string hashedCanonicalRequest = SHA256Hex(canonicalRequest);
string stringToSign = algorithm + "\n" + requestTimestamp.ToString() + "\n" + cre
dentialScope + "\n" + hashedCanonicalRequest;
Console.WriteLine(stringToSign);
Console.WriteLine("-----");

// ***** Step 3: Calculate the signature *****
byte[] tc3SecretKey = Encoding.UTF8.GetBytes("TC3" + secretkey);
byte[] secretDate = HmacSHA256(tc3SecretKey, Encoding.UTF8.GetBytes(datestr));
byte[] secretService = HmacSHA256(secretDate, Encoding.UTF8.GetBytes(service));
byte[] secretSigning = HmacSHA256(secretService, Encoding.UTF8.GetBytes("tc3_requ
est"));
byte[] signatureBytes = HmacSHA256(secretSigning, Encoding.UTF8.GetBytes(stringTo
Sign));
string signature = BitConverter.ToString(signatureBytes).Replace("-", "").ToLower
();
Console.WriteLine(signature);
Console.WriteLine("-----");

// ***** Step 4: Concatenate the Authorization *****
string authorization = algorithm + " "
+ "Credential=" + secretid + "/" + credentialScope + ", "
+ "SignedHeaders=" + signedHeaders + ", "
+ "Signature=" + signature;
Console.WriteLine(authorization);

```

```
Console.WriteLine("-----");

Dictionary<string, string> headers = new Dictionary<string, string>();
headers.Add("Authorization", authorization);
headers.Add("Host", endpoint);
headers.Add("Content-Type", contentType + "; charset=utf-8");
headers.Add("X-TC-Timestamp", requestTimestamp.ToString());
headers.Add("X-TC-Version", version);
headers.Add("X-TC-Action", action);
headers.Add("X-TC-Region", region);
return headers;
}

public static void Main(string[] args)
{
    // SecretID and SecretKey
    string SECRET_ID = "AKID*****";
    string SECRET_KEY = "*****";

    string service = "cvm";
    string endpoint = "cvm.tencentcloudapi.com";
    string region = "ap-guangzhou";
    string action = "DescribeInstances";
    string version = "2017-03-12";

    // The timestamp `2019-02-26 00:44:25` used here is only for reference. In a project, use the following parameter:
    // DateTime date = DateTime.UtcNow;
    // Enter the correct time zone. We recommend using UTC timestamp to avoid errors.
    DateTime date = new DateTime(1970, 1, 1, 0, 0, 0, 0, DateTimeKind.Utc).AddSeconds(1551113065);
    string requestPayload = "{\"Limit\": 1, \"Filters\": [{\"Values\": [\"unnamed\"], \"Name\": \"instance-name\"}]}";

    Dictionary<string, string> headers = BuildHeaders(SECRET_ID, SECRET_KEY, service, endpoint, region, action, version, date, requestPayload);

    Console.WriteLine("POST https://cvm.tencentcloudapi.com");
    foreach (KeyValuePair<string, string> kv in headers)
    {
        Console.WriteLine(kv.Key + ": " + kv.Value);
    }
    Console.WriteLine();
    Console.WriteLine(requestPayload);
}
```

NodeJS

```

const crypto = require('crypto');

function sha256(message, secret = '', encoding) {
  const hmac = crypto.createHmac('sha256', secret)
  return hmac.update(message).digest(encoding)
}

function getHash(message, encoding = 'hex') {
  const hash = crypto.createHash('sha256')
  return hash.update(message).digest(encoding)
}

function getDate(timestamp) {
  const date = new Date(timestamp * 1000)
  const year = date.getUTCFullYear()
  const month = ('0' + (date.getUTCMonth() + 1)).slice(-2)
  const day = ('0' + date.getUTCDate()).slice(-2)
  return `${year}-${month}-${day}`
}

function main() {

  const SECRET_ID = "AKID*****"
  const SECRET_KEY = "*****"

  const endpoint = "cvm.tencentcloudapi.com"
  const service = "cvm"
  const region = "ap-guangzhou"
  const action = "DescribeInstances"
  const version = "2017-03-12"
  //const timestamp = getTime()
  const timestamp = 1551113065
  const date = getDate(timestamp)

  // ***** Step 1: Concatenate the CanonicalRequest string *****
  const signedHeaders = "content-type;host"

  const payload = "{\"Limit\": 1, \"Filters\": [{\"Values\": [\"unnamed\"], \"Name\": \"instance-name\"}]}"

  const hashedRequestPayload = getHash(payload);
  const httpRequestMethod = "POST"
  const canonicalUri = "/"
  const canonicalQueryString = ""
  const canonicalHeaders = "content-type:application/json; charset=utf-8\n" + "host:" + endpoint + "\n"

  const canonicalRequest = httpRequestMethod + "\n"

```

```

+ canonicalUri + "\n"
+ canonicalQueryString + "\n"
+ canonicalHeaders + "\n"
+ signedHeaders + "\n"
+ hashedRequestPayload
console.log(canonicalRequest)
console.log("-----")

// ***** Step 2: Concatenate the string to sign *****
const algorithm = "TC3-HMAC-SHA256"
const hashedCanonicalRequest = getHash(canonicalRequest);
const credentialScope = date + "/" + service + "/" + "tc3_request"
const stringToSign = algorithm + "\n" +
timestamp + "\n" +
credentialScope + "\n" +
hashedCanonicalRequest
console.log(stringToSign)
console.log("-----")

// ***** Step 3: Calculate the signature *****
const kDate = sha256(date, 'TC3' + SECRET_KEY)
const kService = sha256(service, kDate)
const kSigning = sha256('tc3_request', kService)
const signature = sha256(stringToSign, kSigning, 'hex')
console.log(signature)
console.log("-----")

// ***** Step 4: Concatenate the Authorization *****
const authorization = algorithm + " " +
"Credential=" + SECRET_ID + "/" + credentialScope + ", " +
"SignedHeaders=" + signedHeaders + ", " +
"Signature=" + signature
console.log(authorization)
console.log("-----")

const Call_Information = 'curl -X POST ' + "https://" + endpoint
+ ' -H "Authorization: ' + authorization + '"'
+ ' -H "Content-Type: application/json; charset=utf-8"'
+ ' -H "Host: ' + endpoint + '"'
+ ' -H "X-TC-Action: ' + action + '"'
+ ' -H "X-TC-Timestamp: ' + timestamp.toString() + '"'
+ ' -H "X-TC-Version: ' + version + '"'
+ ' -H "X-TC-Region: ' + region + '"'
+ " -d '" + payload + '"'
console.log(Call_Information)
}
main()

```

C++

```
#include <iostream>
#include <iomanip>
#include <sstream>
#include <string>
#include <stdio.h>
#include <time.h>
#include <openssl/sha.h>
#include <openssl/hmac.h>

using namespace std;

string get_data(int64_t &timestamp)
{
    string utcDate;
    char buff[20] = {0};
    // time_t timenow;
    struct tm sttime;
    sttime = *gmtime(&timestamp);
    strftime(buff, sizeof(buff), "%Y-%m-%d", &sttime);
    utcDate = string(buff);
    return utcDate;
}

string int2str(int64_t n)
{
    std::stringstream ss;
    ss << n;
    return ss.str();
}

string sha256Hex(const string &str)
{
    char buf[3];
    unsigned char hash[SHA256_DIGEST_LENGTH];
    SHA256_CTX sha256;
    SHA256_Init(&sha256);
    SHA256_Update(&sha256, str.c_str(), str.size());
    SHA256_Final(hash, &sha256);
    std::string NewString = "";
    for(int i = 0; i < SHA256_DIGEST_LENGTH; i++)
    {
        sprintf(buf, sizeof(buf), "%02x", hash[i]);
        NewString = NewString + buf;
    }
    return NewString;
}
```

```
}  
string HmacSha256(const string &key, const string &input)  
{  
    unsigned char hash[32];  
  
    HMAC_CTX *h;  
    #if OPENSSSL_VERSION_NUMBER < 0x10100000L  
    HMAC_CTX hmac;  
    HMAC_CTX_init(&hmac);  
    h = &hmac;  
    #else  
    h = HMAC_CTX_new();  
    #endif  
  
    HMAC_Init_ex(h, &key[0], key.length(), EVP_sha256(), NULL);  
    HMAC_Update(h, ( unsigned char* )&input[0], input.length());  
    unsigned int len = 32;  
    HMAC_Final(h, hash, &len);  
  
    #if OPENSSSL_VERSION_NUMBER < 0x10100000L  
    HMAC_CTX_cleanup(h);  
    #else  
    HMAC_CTX_free(h);  
    #endif  
  
    std::stringstream ss;  
    ss << std::setfill('0');  
    for (int i = 0; i < len; i++)  
    {  
        ss << hash[i];  
    }  
  
    return (ss.str());  
}  
string HexEncode(const string &input)  
{  
    static const char* lut = "0123456789abcdef";  
    size_t len = input.length();  
  
    string output;  
    output.reserve(2 * len);  
    for (size_t i = 0; i < len; ++i)  
    {  
        const unsigned char c = input[i];  
        output.push_back(lut[c >> 4]);  
        output.push_back(lut[c & 15]);  
    }  
}
```

```

return output;
}

int main()
{
string SECRET_ID = "AKID*****";
string SECRET_KEY = "*****";

string service = "cvm";
string host = "cvm.tencentcloudapi.com";
string region = "ap-guangzhou";
string action = "DescribeInstances";
string version = "2017-03-12";
int64_t timestamp = 1551113065;
string date = get_data(timestamp);

// ***** Step 1: Concatenate the CanonicalRequest string *****
string httpRequestMethod = "POST";
string canonicalUri = "/";
string canonicalQueryString = "";
string canonicalHeaders = "content-type:application/json; charset=utf-8\nhost:" +
host + "\n";
string signedHeaders = "content-type;host";
string payload = "{\"Limit\": 1, \"Filters\": [{\"Values\": [\"unnamed\"], \"Name\": \"instance-name\"}] }";
string hashedRequestPayload = sha256Hex(payload);
string canonicalRequest = httpRequestMethod + "\n" + canonicalUri + "\n" + canonicalQueryString + "\n"
+ canonicalHeaders + "\n" + signedHeaders + "\n" + hashedRequestPayload;
cout << canonicalRequest << endl;
cout << "-----" << endl;

// ***** Step 2: Concatenate the string to sign *****
string algorithm = "TC3-HMAC-SHA256";
string RequestTimestamp = int2str(timestamp);
string credentialScope = date + "/" + service + "/" + "tc3_request";
string hashedCanonicalRequest = sha256Hex(canonicalRequest);
string stringToSign = algorithm + "\n" + RequestTimestamp + "\n" + credentialScope + "\n" + hashedCanonicalRequest;
cout << stringToSign << endl;
cout << "-----" << endl;

// ***** Step 3: Calculate the signature *****
string kKey = "TC3" + SECRET_KEY;
string kDate = HmacSha256(kKey, date);
string kService = HmacSha256(kDate, service);
string kSigning = HmacSha256(kService, "tc3_request");

```



```

string signature = HexEncode(HmacSha256(kSigning, stringToSign));
cout << signature << endl;
cout << "-----" << endl;

// ***** Step 4: Concatenate the Authorization *****
string authorization = algorithm + " " + "Credential=" + SECRET_ID + "/" + creden
tialScope + ", "
+ "SignedHeaders=" + signedHeaders + ", " + "Signature=" + signature;
cout << authorization << endl;
cout << "-----" << endl;

string headers = "curl -X POST https://" + host + "\n"
+ " -H \"Authorization: \" + authorization + "\n"
+ " -H \"Content-Type: application/json; charset=utf-8\"" + "\n"
+ " -H \"Host: \" + host + "\n"
+ " -H \"X-TC-Action: \" + action + "\n"
+ " -H \"X-TC-Timestamp: \" + RequestTimestamp + "\n"
+ " -H \"X-TC-Version: \" + version + "\n"
+ " -H \"X-TC-Region: \" + region + "\n"
+ " -d '" + payload;
cout << headers << endl;
return 0;
};

```

Signature Failure

The following situational error codes for signature failure may occur. Please resolve the errors accordingly.

Error Code	Description
AuthFailure.SignatureExpire	Signature expired. Timestamp and server time cannot differ by more than five minutes.
AuthFailure.SecretIdNotFound	The key does not exist. Please go to the console to check whether it is disabled or you copied fewer or more characters.
AuthFailure.SignatureFailure	Signature error. It is possible that the signature was calculated incorrectly, the signature does not match the content actually sent, or the SecretKey is incorrect.
AuthFailure.TokenFailure	Temporary certificate token error.
AuthFailure.InvalidSecretId	Invalid key (not a TencentCloud API key type).

Signature

Last updated : 2025-02-12 16:05:24

Tencent Cloud API authenticates each access request, i.e. each request needs to include authentication information (Signature) in the common parameters to verify the identity of the requester.

The Signature is generated by the security credentials which include SecretId and SecretKey. If you don't have the security credentials yet, go to the [TencentCloud API Key](#) page to apply for them; otherwise, you cannot invoke the TencentCloud API.

1. Applying for Security Credentials

Before using the TencentCloud API for the first time, go to the [TencentCloud API Key](#) page to apply for security credentials.

Security credentials consist of SecretId and SecretKey:

- SecretId is used to identify the API requester.
- SecretKey is used to encrypt the signature string and verify it on the server.
- **You must keep your security credentials private and avoid disclosure.**

You can apply for the security credentials through the following steps:

1. Log in to the [Tencent Cloud Console](#).
2. Go to the [TencentCloud API Key](#) page.
3. On the [API Key Management](#) page, click **Create Key** to create a SecretId/SecretKey pair.

Note: Each account can have up to two pairs of SecretId/SecretKey.

2. Generating a Signature

With the SecretId and SecretKey, a signature can be generated. The following describes how to generate a signature:

Assume that the SecretId and SecretKey are:

- SecretId: AKID*****
- SecretKey: *****

Note: This is just an example. For actual operations, please use your own SecretId and SecretKey.

Take the Cloud Virtual Machine's request to view the instance list (DescribeInstances) as an example. When you invoke this API, the request parameters may be as follows:

Parameter name	Description	Parameter value
Action	Method name	DescribeInstances
SecretId	Key ID	AKID*****
Timestamp	Current timestamp	1465185768
Nonce	Random positive integer	11886
Region	Region where the instance is located	ap-guangzhou
InstanceIds.0	ID of the instance to query	ins-09dx96dg
Offset	Offset	0
Limit	Allowed maximum output	20
Version	API version number	2017-03-12

2.1. Sorting Parameters

First, sort all the request parameters in an ascending lexicographical order (ASCII code) by their names. Notes: (1) Parameters are sorted by their names instead of their values; (2) The parameters are sorted based on ASCII code, not in an alphabetical order or by values. For example, InstanceIds.2 should be arranged after InstanceIds.12. You can complete the sorting process using a sorting function in a programming language, such as the ksort function in PHP. The parameters in the example are sorted as follows:

```
{
  'Action' : 'DescribeInstances',
  'InstanceIds.0' : 'ins-09dx96dg',
  'Limit' : 20,
  'Nonce' : 11886,
  'Offset' : 0,
  'Region' : 'ap-guangzhou',
  'SecretId' : 'AKID*****',
  'Timestamp' : 1465185768,
  'Version' : '2017-03-12',
}
```

When developing in another programming language, you can sort these sample parameters and it will work as long as you obtain the same results.

2.2. Concatenating a Request String

This step generates a request string.

Format the request parameters sorted in the previous step into the form of "parameter name"="parameter value". For example, for the Action parameter, its parameter name is "Action" and its parameter value is "DescribeInstances", so it will become Action=DescribeInstances after formatted.

Note: The "parameter value" is the original value but not the value after URL encoding.

Then, concatenate the formatted parameters with "&". The resulting request string is as follows:

```
Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&Limit=20&Nonce=11886&Offset=0
&Region=ap-guangzhou&SecretId=AKID*****&Timestamp=1465
185768&Version=2017-03-12
```

2.3. Concatenating the Signature Original String

This step generates a signature original string.

The signature original string consists of the following parameters:

1. HTTP method: POST and GET modes are supported, and GET is used here for the request. Please note that the method name should be in all capital letters.
2. Request server: the domain name of the request to view the list of instances (DescribeInstances) is cvm.tencentcloudapi.com. The actual request domain name varies by the module to which the API belongs. For more information, see the instructions of the specific API.
3. Request path: The request path in the current version of TencentCloud API is fixed to /.
4. Request string: the request string generated in the previous step.

The concatenation rule of the signature original string is: Request method + request host + request path + ? + request string

The concatenation result of the example is:

```
GETcvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&L
imit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKID*****
*****&Timestamp=1465185768&Version=2017-03-12
```

2.4. Generating a Signature String

This step generates a signature string.

First, use the HMAC-SHA1 algorithm to sign the **signature original string** obtained in the previous step, and then

encode the generated signature using Base64 to obtain the final signature.

The specific code is as follows with the PHP language being used as an example:

```
$secretKey = '*****';  
$srcStr = 'GETcvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&Limit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKID*****&Timestamp=1465185768&Version=2017-03-12';  
$signStr = base64_encode(hash_hmac('sha1', $srcStr, $secretKey, true));  
echo $signStr;
```

The final signature is:

```
7RAM2xfNMO9EiVTNmPg06MRnCvQ=
```

When developing in another programming language, you can sign and verify the original in the example above and it works as long as you get the same results.

3. Encoding a Signature String

The generated signature string cannot be directly used as a request parameter and must be URL encoded.

For example, if the signature string generated in the previous step is 7RAM2xfNMO9EiVTNmPg06MRnCvQ=, the final signature string request parameter (Signature) is 7RAM2xfNMO9EiVTNmPg06MRnCvQ%3D, which will be used to generate the final request URL.

Note: If your request method is GET, or the request method is POST and the Content-Type is application/x-www-form-urlencoded, then all the request parameter values need to be URL encoded (except the parameter key and the symbol of =) when sending the request. Non-ASCII characters need to be encoded with UTF-8 before URL encoding.

Note: The network libraries of some programming languages automatically URL encode all parameters, in which case there is no need to URL encode the signature string; otherwise, two rounds of URL encoding will cause the signature to fail.

Note: Other parameter values also need to be encoded using [RFC 3986](#). Use %XY in percent-encoding for special characters such as Chinese characters, where "X" and "Y" are hexadecimal characters (0-9 and uppercase A-F), and using lowercase will cause an error.

4. Signature Failure

The following situational error codes for signature failure may occur. Please resolve the errors accordingly.

Error code	Error description
AuthFailure.SignatureExpire	The signature is expired
AuthFailure.SecretIdNotFound	The key does not exist
AuthFailure.SignatureFailure	Signature error
AuthFailure.TokenFailure	Token error
AuthFailure.InvalidSecretId	Invalid key (not a TencentCloud API key type)

5. Signature Demo

When calling API 3.0, you are recommended to use the corresponding Tencent Cloud SDK 3.0 which encapsulates the signature process, enabling you to focus on only the specific APIs provided by the product when developing. See [SDK Center](#) for more information. Currently, the following programming languages are supported:

- [Python](#)
- [Java](#)
- [PHP](#)
- [Go](#)
- [NodeJS](#)
- [.NET](#)

To further explain the signing process, we will use a programming language to implement the process described above. The request domain name, API and parameter values in the sample are used here. This goal of this example is only to provide additional clarification for the signature process, please see the SDK for actual usage.

The final output URL might be: `https://cvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&Limit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKID*****&Signature=7RAM2xfNMO9EiVTNmPg06MRnCvQ%3D&Timestamp=1465185768&Version=2017-03-12` .

Note: The key in the example is fictitious, and the timestamp is not the current time of the system, so if this URL is opened in the browser or called using commands such as curl, an authentication error will be returned: Signature expired. In order to get a URL that can work properly, you need to replace the SecretId and SecretKey in the example with your real credentials and use the current time of the system as the Timestamp.

Note: In the example below, even if you use the same programming language, the order of the parameters in the URL may be different for each execution. However, the order does not matter, as long as all the parameters are included in the URL and the signature is calculated correctly.

Note: The following code is only applicable to API 3.0. It cannot be directly used in other signature processes. Even with an older API, signature calculation errors may occur due to the differences in details. Please refer to the corresponding documentation.

Java

```
import java.io.UnsupportedEncodingException;
import java.net.URLEncoder;
import java.util.Random;
import java.util.TreeMap;
import javax.crypto.Mac;
import javax.crypto.spec.SecretKeySpec;
import javax.xml.bind.DatatypeConverter;

public class TencentCloudAPIDemo {
    private final static String CHARSET = "UTF-8";

    public static String sign(String s, String key, String method) throws Exception {
        Mac mac = Mac.getInstance(method);
        SecretKeySpec secretKeySpec = new SecretKeySpec(key.getBytes(CHARSET), mac.getAlgorithm());
        mac.init(secretKeySpec);
        byte[] hash = mac.doFinal(s.getBytes(CHARSET));
        return DatatypeConverter.printBase64Binary(hash);
    }

    public static String getStringToSign(TreeMap<String, Object> params) {
        StringBuilder s2s = new StringBuilder("GETcvm.tencentcloudapi.com/?");
        // When signing, the parameters need to be sorted in lexicographical order. TreeMap
        // is used here to guarantee the correct order.
        for (String k : params.keySet()) {
            s2s.append(k).append("=").append(params.get(k).toString()).append("&");
        }
        return s2s.toString().substring(0, s2s.length() - 1);
    }

    public static String getUrl(TreeMap<String, Object> params) throws UnsupportedEncodingException {
        StringBuilder url = new StringBuilder("https://cvm.tencentcloudapi.com/?");
        // There is no requirement for the order of the parameters in the actual request
        // URL.
        for (String k : params.keySet()) {
```

```
// The request string needs to be URL encoded. As the Key is all in English letters, only the value is URL encoded here.
url.append(k).append("=").append(URLEncoder.encode(params.get(k).toString(), CHARSET)).append("&");
}
return url.toString().substring(0, url.length() - 1);
}

public static void main(String[] args) throws Exception {
    TreeMap<String, Object> params = new TreeMap<String, Object>(); // TreeMap enables automatic sorting
    // A random number should be used when actually calling, for example: params.put("Nonce", new Random().nextInt(Integer.MAX_VALUE));
    params.put("Nonce", 11886); // Common parameter
    // The current time of the system should be used when actually calling, for example: params.put("Timestamp", System.currentTimeMillis() / 1000);
    params.put("Timestamp", 1465185768); // Common parameter
    params.put("SecretId", "AKID*****"); // Common parameter
    params.put("Action", "DescribeInstances"); // Common parameter
    params.put("Version", "2017-03-12"); // Common parameter
    params.put("Region", "ap-guangzhou"); // Common parameter
    params.put("Limit", 20); // Business parameter
    params.put("Offset", 0); // Business parameter
    params.put("InstanceIds.0", "ins-09dx96dg"); // Business parameter
    params.put("Signature", sign(getStringToSign(params), "*****", "HmacSHA1")); // Common parameter
    System.out.println(getUrl(params));
}
}
```

Python

Note: If running in a Python 2 environment, the following requests dependency package must be installed first: `pip install requests`.

```
# -*- coding: utf8 -*-
import base64
import hashlib
import hmac
import time

import requests

secret_id = "AKID*****"
secret_key = "*****"
```



```

def get_string_to_sign(method, endpoint, params):
    s = method + endpoint + "/"
    query_str = "&".join("%s=%s" % (k, params[k]) for k in sorted(params))
    return s + query_str

def sign_str(key, s, method):
    hmac_str = hmac.new(key.encode("utf8"), s.encode("utf8"), method).digest()
    return base64.b64encode(hmac_str)

if __name__ == '__main__':
    endpoint = "cvm.tencentcloudapi.com"
    data = {
        'Action' : 'DescribeInstances',
        'InstanceIds.0' : 'ins-09dx96dg',
        'Limit' : 20,
        'Nonce' : 11886,
        'Offset' : 0,
        'Region' : 'ap-guangzhou',
        'SecretId' : secret_id,
        'Timestamp' : 1465185768, # int(time.time())
        'Version': '2017-03-12'
    }
    s = get_string_to_sign("GET", endpoint, data)
    data["Signature"] = sign_str(secret_key, s, hashlib.sha1)
    print(data["Signature"])
    # An actual invocation would occur here, which may incur fees after success
    # resp = requests.get("https://" + endpoint, params=data)
    # print(resp.url)

```

Golang

```

package main

import (
    "bytes"
    "crypto/hmac"
    "crypto/sha1"
    "encoding/base64"
    "fmt"
    "sort"
)

func main() {
    secretId := "AKID*****"
    secretKey := "*****"

```

```

params := map[string]string{
    "Nonce": "11886",
    "Timestamp": "1465185768",
    "Region": "ap-guangzhou",
    "SecretId": secretId,
    "Version": "2017-03-12",
    "Action": "DescribeInstances",
    "InstanceIds.0": "ins-09dx96dg",
    "Limit": "20",
    "Offset": "0",
}

var buf bytes.Buffer
buf.WriteString("GET")
buf.WriteString("cvm.tencentcloudapi.com")
buf.WriteString("/")
buf.WriteString("?")

// sort keys by ascii asc order
keys := make([]string, 0, len(params))
for k, _ := range params {
    keys = append(keys, k)
}
sort.Strings(keys)

for i := range keys {
    k := keys[i]
    buf.WriteString(k)
    buf.WriteString("=")
    buf.WriteString(params[k])
    buf.WriteString("&")
}
buf.Truncate(buf.Len() - 1)

hashed := hmac.New(sha1.New, []byte(secretKey))
hashed.Write(buf.Bytes())

fmt.Println(base64.StdEncoding.EncodeToString(hashed.Sum(nil)))
}

```

PHP

```

<?php
$secretId = "AKID*****";
$secretKey = "*****";
$params["Nonce"] = 11886; //rand();

```

```

$params["Timestamp"] = 1465185768;//time();
$params["Region"] = "ap-guangzhou";
$params["SecretId"] = $secretId;
$params["Version"] = "2017-03-12";
$params["Action"] = "DescribeInstances";
$params["InstanceIds.0"] = "ins-09dx96dg";
$params["Limit"] = 20;
$params["Offset"] = 0;

ksort($params);

$signStr = "GETcvm.tencentcloudapi.com/?";
foreach ( $params as $key => $value ) {
    $signStr = $signStr . $key . "=" . $value . "&";
}
$signStr = substr($signStr, 0, -1);

$signature = base64_encode(hash_hmac("sha1", $signStr, $secretKey, true));
echo $signature.PHP_EOL;
// need to install and enable curl extension in php.ini
// $params["Signature"] = $signature;
// $url = "https://cvm.tencentcloudapi.com/?".http_build_query($params);
// echo $url.PHP_EOL;
// $ch = curl_init();
// curl_setopt($ch, CURLOPT_URL, $url);
// $output = curl_exec($ch);
// curl_close($ch);
// echo json_decode($output);

```

Ruby

```

# -*- coding: UTF-8 -*-
# require ruby>=2.3.0
require 'time'
require 'openssl'
require 'base64'

secret_id = "AKID*****"
secret_key = "*****"

method = 'GET'
endpoint = 'cvm.tencentcloudapi.com'
data = {
  'Action' => 'DescribeInstances',
  'InstanceIds.0' => 'ins-09dx96dg',
  'Limit' => 20,

```

```

'Nonce' => 11886,
'Offset' => 0,
'Region' => 'ap-guangzhou',
'SecretId' => secret_id,
'Timestamp' => 1465185768, # Time.now.to_i
'Version' => '2017-03-12',
}
sign = method + endpoint + '/'?
params = []
data.sort.each do |item|
  params << "#{item[0]}=#{item[1]}"
end
sign += params.join('&')
digest = OpenSSL::Digest.new('sha1')
data['Signature'] = Base64.encode64(OpenSSL::HMAC.digest(digest, secret_key, sign))
puts data['Signature']

# require 'net/http'
# uri = URI('https://' + endpoint)
# uri.query = URI.encode_www_form(data)
# p uri
# res = Net::HTTP.get_response(uri)
# puts res.body

```

DotNet

```

using System;
using System.Collections.Generic;
using System.Net;
using System.Security.Cryptography;
using System.Text;

public class Application {
  public static string Sign(string signKey, string secret)
  {
    string signRet = string.Empty;
    using (HMACSHA1 mac = new HMACSHA1(Encoding.UTF8.GetBytes(signKey)))
    {
      byte[] hash = mac.ComputeHash(Encoding.UTF8.GetBytes(secret));
      signRet = Convert.ToBase64String(hash);
    }
    return signRet;
  }

  public static string MakeSignPlainText(SortedDictionary<string, string> requestParams, string requestMethod, string requestHost, string requestPath)

```

```
{
    string retStr = "";
    retStr += requestMethod;
    retStr += requestHost;
    retStr += requestPath;
    retStr += "?";
    string v = "";
    foreach (string key in requestParams.Keys)
    {
        v += string.Format("{0}={1}&", key, requestParams[key]);
    }
    retStr += v.TrimEnd('&');
    return retStr;
}

public static void Main(string[] args)
{
    string SECRET_ID = "AKID*****";
    string SECRET_KEY = "*****";

    string endpoint = "cvm.tencentcloudapi.com";
    string region = "ap-guangzhou";
    string action = "DescribeInstances";
    string version = "2017-03-12";
    double RequestTimestamp = 1465185768;
    // long timestamp = ToTimestamp() / 1000;
    // string requestTimestamp = timestamp.ToString();
    Dictionary<string, string> param = new Dictionary<string, string>();
    param.Add("Limit", "20");
    param.Add("Offset", "0");
    param.Add("InstanceIds.0", "ins-09dx96dg");
    param.Add("Action", action);
    param.Add("Nonce", "11886");
    // param.Add("Nonce", Math.Abs(new Random().Next()).ToString());

    param.Add("Timestamp", RequestTimestamp.ToString());
    param.Add("Version", version);

    param.Add("SecretId", SECRET_ID);
    param.Add("Region", region);
    SortedDictionary<string, string> headers = new SortedDictionary<string, string>(param, StringComparer.Ordinal);
    string sigInParam = MakeSignPlainText(headers, "GET", endpoint, "/");
    Console.WriteLine(sigInParam);
    string sigOutParam = Sign(SECRET_KEY, sigInParam);
}
```

```

Console.WriteLine("GET https://cvm.tencentcloudapi.com");
foreach (KeyValuePair<string, string> kv in headers)
{
    Console.WriteLine(kv.Key + ": " + kv.Value);
}
Console.WriteLine("Signature" + ": " + WebUtility.UrlEncode(sigOutParam));
Console.WriteLine();

string result = "https://cvm.tencentcloudapi.com/?";
foreach (KeyValuePair<string, string> kv in headers)
{
    result += WebUtility.UrlEncode(kv.Key) + "=" + WebUtility.UrlEncode(kv.Value) +
"&";
}
result += WebUtility.UrlEncode("Signature") + "=" + WebUtility.UrlEncode(sigOutPa
ram);
Console.WriteLine("GET " + result);
}
}

```

NodeJS

```

const crypto = require('crypto');

function get_req_url(params, endpoint){
    params['Signature'] = escape(params['Signature']);
    const url_strParam = sort_params(params)
    return "https://" + endpoint + "/" + url_strParam.slice(1);
}

function formatSignString(reqMethod, endpoint, path, strParam){
    let strSign = reqMethod + endpoint + path + "?" + strParam.slice(1);
    return strSign;
}

function sha1(secretKey, strsign){
    let signMethodMap = {'HmacSHA1': "sha1"};
    let hmac = crypto.createHmac(signMethodMap['HmacSHA1'], secretKey || "");
    return hmac.update(Buffer.from(strsign, 'utf8')).digest('base64')
}

function sort_params(params) {
    let strParam = "";
    let keys = Object.keys(params);
    keys.sort();
    for (let k in keys) {
        //k = k.replace(/_/g, '.');
    }
}

```

```
strParam += ("&" + keys[k] + "=" + params[keys[k]]);
}
return strParam
}

function main(){
const SECRET_ID = "AKID*****"
const SECRET_KEY = "*****"

const endpoint = "cvm.tencentcloudapi.com"
const Region = "ap-guangzhou"
const Version = "2017-03-12"
const Action = "DescribeInstances"
const Timestamp = 1465185768
// const Timestamp = Math.round(Date.now() / 1000)
const Nonce = 11886
//const nonce = Math.round(Math.random() * 65535)

let params = {};
params['Action'] = Action;
params['InstanceIds.0'] = 'ins-09dx96dg';
params['Limit'] = 20;
params['Offset'] = 0;
params['Nonce'] = Nonce;
params['Region'] = Region;
params['SecretId'] = SECRET_ID;
params['Timestamp'] = Timestamp;
params['Version'] = Version;

strParam = sort_params(params)

const reqMethod = "GET";
const path = "/";
strSign = formatSignString(reqMethod, endpoint, path, strParam)
console.log(strSign)
console.log("-----")

params['Signature'] = sha1(SECRET_KEY, strSign)
console.log(params['Signature'])
console.log("-----")

const req_url = get_req_url(params, endpoint)
console.log(params['Signature'])
console.log("-----")
console.log(req_url)
}
main()
```


Responses

Last updated : 2024-05-22 22:11:12

Response for Successful Requests

For example, when calling CAM API (version: 2017-03-12) to view the status of instances (DescribeInstancesStatus), if the request has succeeded, you may see the response as shown below:

```
{
  "Response": {
    "TotalCount": 0,
    "InstanceStatusSet": [],
    "RequestId": "b5b41468-520d-4192-b42f-595cc34b6c1c"
  }
}
```

- The API will return `Response` , which contains `RequestId` , as long as it processes the request. It does not matter if the request is successful or not.
- RequestId is the unique ID of an API request. Contact us with this ID when an exception occurs.
- Except for the fixed fields, all fields are action-specified. For the definitions of action-specified fields, see the corresponding API documentation. In this example, `TotalCount` and `InstanceStatusSet` are the fields specified by the API `DescribeInstancesStatus` . `0` `TotalCount` means that the requester owns 0 CVM instance so the `InstanceStatusSet` is empty.

Response for Failed Requests

If the request has failed, you may see the response as shown below:

```
{
  "Response": {
    "Error": {
      "Code": "AuthFailure.SignatureFailure",
      "Message": "The provided credentials could not be validated. Please ensure your signature is correct."
    },
    "RequestId": "ed93f3cb-f35e-473f-b9f3-0d451b8b79c6"
  }
}
```

- The presence of the `Error` field indicates that the request has failed. A response for a failed request will include `Error`, `Code` and `Message` fields.
- `Code` is the code of the error that helps you identify the cause and solution. There are two types of error codes so you may find the code in either common error codes or API-specified error codes.
- `Message` explains the cause of the error. Note that the returned messages are subject to service updates. The information the messages provide may not be up-to-date and should not be the only source of reference.
- `RequestId` is the unique ID of an API request. Contact us with this ID when an exception occurs.

Common Error Codes

If there is an `Error` field in the response, it means that the API call failed. The `Code` field in `Error` indicates the error code. The following table lists the common error codes that all actions can return.

Error Code	Description
<code>AuthFailure.InvalidSecretId</code>	Invalid key (not a TencentCloud API key type).
<code>AuthFailure.MFAFailure</code>	MFA failed.
<code>AuthFailure.SecretIdNotFound</code>	The key does not exist.
<code>AuthFailure.SignatureExpire</code>	Signature expired.
<code>AuthFailure.SignatureFailure</code>	Signature error.
<code>AuthFailure.TokenFailure</code>	Token error.
<code>AuthFailure.UnauthorizedOperation</code>	The request does not have CAM authorization.
<code>DryRunOperation</code>	DryRun Operation. It means that the request would have succeeded, but the <code>DryRun</code> parameter was used.
<code>FailedOperation</code>	Operation failed.
<code>InternalError</code>	Internal error.
<code>InvalidAction</code>	The API does not exist.
<code>InvalidParameter</code>	Incorrect parameter.
<code>InvalidParameterValue</code>	Invalid parameter value.
<code>LimitExceeded</code>	Quota limit exceeded.
<code>MissingParameter</code>	A parameter is missing.

NoSuchVersion	The API version does not exist.
RequestLimitExceeded	The number of requests exceeds the frequency limit.
ResourceInUse	Resource is in use.
ResourceInsufficient	Insufficient resource.
ResourceNotFound	The resource does not exist.
ResourceUnavailable	Resource is unavailable.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.
UnsupportedProtocol	HTTPS request method error. Only GET and POST requests are supported.
UnsupportedRegion	API does not support the requested region.

Channel Management APIs

BindNewLVBDomainWithChannel

Last updated : 2024-11-18 19:24:51

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

This API is used to bind an LVB domain name to a channel.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: BindNewLVBDomainWithChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
ChannelId	Yes	String	Channel ID
LVBDomain	Yes	String	The LVB domain name to bind

3. Output Parameters

Parameter Name	Type	Description
LVBDomain	String	The LVB domain name bound successfully
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: BindNewLVBDomainWithChannel
<Common request parameters>

{
  "ChannelId": "5F61C341B92D6BE9225E",
  "LVBDomain": "mdptest.domain.com"
}
```

Output Example

```
{
  "Response": {
    "LVBDomain": "mdptest.domain.com",
    "RequestId": "xx"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InvalidParameter.ChannelId	Invalid <code>ChannelId</code> .
InvalidParameter.LvbDomain	Invalid <code>LvbDomain</code> .

CreateStreamPackageChannel

Last updated : 2024-11-18 19:24:50

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

This API is used to create a StreamPackage channel.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: CreateStreamPackageChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Name	Yes	String	Channel name.
Protocol	Yes	String	Channel protocol. Valid values: HLS, DASH, CMAF.
CacheInfo	No	CacheInfo	Cache configuration.

3. Output Parameters

Parameter Name	Type	Description
Info	ChannelInfo	Channel information
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://mdp.intl.tencentcloudapi.com/?Action=CreateStreamPackageChannel
&Name=xxx
&Protocol=HLS
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "Info": {
      "Points": {
        "Inputs": [
          {
            "Url": "xx",
            "AuthInfo": {
              "Username": "xx",
              "Password": "xx"
            }
          }
        ],
        "Url": "xx",
        "AuthInfo": {
          "Username": "xx",
          "Password": "xx"
        }
      }
    },
    "Endpoints": [
      {
```



```
"Url": "xx",
"AuthInfo": {
  "AuthKey": "xx",
  "BlackIpList": [
    "xx"
  ],
  "WhiteIpList": [
    "xx"
  ]
},
"Name": "xx"
}
],
"Protocol": "xx",
"Name": "xx",
"CacheInfo": {
  "Info": [
    {
      "Ext": "xx",
      "Timeout": 0
    }
  ]
},
"Id": "xx"
},
"RequestId": "xx"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)

- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.CacheInfo	Invalid <code>CacheInfo</code> value
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Name	Invalid name.
InvalidParameter.Protocol	Invalid protocol.

DeleteStreamPackageChannelEndpoints

Last updated : 2024-11-18 19:24:47

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

This API is used to delete endpoints from a StreamPackage channel in batches.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DeleteStreamPackageChannelEndpoints.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	Channel ID
Urls.N	Yes	Array of String	List of the URLs of the endpoints to delete

3. Output Parameters

--	--	--

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://mdp.intl.tencentcloudapi.com/?Action=DeleteStreamPackageChannelEndpoints
&Id=xxx
&Urls.0=xxx
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "11-222-333"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.Url	Invalid <code>Url</code> .

DeleteStreamPackageChannels

Last updated : 2024-11-18 19:24:46

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

This API is used to delete StreamPackage channels in batches.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DeleteStreamPackageChannels.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Ids.N	Yes	Array of String	List of the IDs of the channels to delete

3. Output Parameters

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

SuccessInfos	Array of ChannelInfo	List of the information of successfully deleted channels
FailInfos	Array of ChannelInfo	List of the information of the channels that failed to be deleted
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://mdp.intl.tencentcloudapi.com/?Action=DeleteStreamPackageChannels
&Ids.0=xxx
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "SuccessInfos": [
      {
        "Id": "AEABF123954",
        "Name": "channelName",
        "Protocol": "HLS",
        "Points": {
          "Inputs": [
            {
              "Url": "http://streampackage.${region}-1.srclivepush.myqcloud.com/v1/017182d5d3c4
647d244530760443/017182d5d3c4647d244530760444",
              "AuthInfo": {
                "Username": "",
                "Password": ""
              }
            },
            {
              "Url": "http://streampackage.${region}-2.srclivepush.myqcloud.com/v1/017182d5d3c4
647d244530760443/017182d5d3c4647d244530760445",
              "AuthInfo": {
                "Username": "",
```

```
"Password": ""
}
},
"Endpoints": [
{
  "Name": "",
  "Url": "",
  "AuthInfo": {
    "AuthKey": ""
  }
},
],
"CacheInfo": {
  "Info": [
    {
      "Ext": "xx",
      "Timeout": 0
    }
  ]
},
"FailInfos": [
{
  "Id": "AD13ED",
  "Name": "channelName",
  "Protocol": "HLS",
  "Points": {
    "Inputs": [
      {
        "Url": "http://mediapackage.${region}-1.srclivepush.myqcloud.com/v1/017182d5d3c4647d244530760443/017182d5d3c4647d244530760444",
        "AuthInfo": {
          "Username": "",
          "Password": ""
        }
      },
      {
        "Url": "http://mediapackage.${region}-2.srclivepush.myqcloud.com/v1/017182d5d3c4647d244530760443/017182d5d3c4647d244530760445",
        "AuthInfo": {
          "Username": "",
          "Password": ""
        }
      }
    ]
  }
}
```



```
],
"Endpoints": [
{
"Name": "",
"Url": "",
"AuthInfo": {
"AuthKey": ""
}
}
],
},
"CacheInfo": {
"Info": [
{
"Ext": "xx",
"Timeout": 0
}
]
}
},
],
"RequestId": "11-222-333"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.Points	Invalid <code>Points</code> value

DescribeStreamPackageChannel

Last updated : 2024-11-18 19:24:42

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

This API is used to query the information of a StreamPackage channel.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	Channel ID

3. Output Parameters

Parameter Name	Type	Description

Info	ChannelInfo	Channel information
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://mdp.intl.tencentcloudapi.com/?Action=DescribeStreamPackageChannel
&Id=xxx
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "Info": {
      "Id": "AEABF123954",
      "Name": "channelName",
      "Protocol": "HLS",
      "Points": {
        "Inputs": [
          {
            "Url": "http://streampackage.${region}-1.srclivepush.myqcloud.com/v1/017182d5d3c4
647d244530760443/017182d5d3c4647d244530760444",
            "AuthInfo": {
              "Username": "",
              "Password": ""
            }
          },
          {
            "Url": "http://streampackage.${region}-2.srclivepush.myqcloud.com/v1/017182d5d3c4
647d244530760443/017182d5d3c4647d244530760445",
            "AuthInfo": {
              "Username": "",
              "Password": ""
            }
          }
        ],
        "Endpoints": [
```

```
{
  "Name": "",
  "Url": "",
  "AuthInfo": {
    "AuthKey": ""
  }
},
{
  "CacheInfo": {
    "Info": [
      {
        "Ext": "xx",
        "Timeout": 0
      }
    ]
  },
  "RequestId": "11-222-333"
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.

DescribeStreamPackageChannels

Last updated : 2024-11-18 19:24:41

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

This API is used to query the information of multiple StreamPackage channels.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageChannels.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
PageNum	No	Integer	Page number. Value range: [1, 1000]
PageSize	No	Integer	Number of entries per page. Value range: [1, 1000]

3. Output Parameters

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

Name		
Infos	Array of ChannelInfo	List of channel information Note: this field may return <code>null</code> , indicating that no valid value was found.
PageNum	Integer	Page number
PageSize	Integer	Number of entries per page
TotalNum	Integer	Total number of entries
TotalPage	Integer	Total number of pages
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://mdp.intl.tencentcloudapi.com/?Action=DescribeStreamPackageChannels
&PageNum=1
&PageSize=10
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "Infos": [
      {
        "Id": "AEABF123954",
        "Name": "channelName",
        "Protocol": "HLS",
        "Points": {
          "Inputs": [
            {
              "Url": "http://streampackage.${region}-1.srclivepush.myqcloud.com/v1/017182d5d3c4647d244530760443/017182d5d3c4647d244530760444",
              "AuthInfo": {
                "Username": "",
```



```
"Password": "",
},
{
  "Url": "http://streampackage.${region}-2.srclivepush.myqcloud.com/v1/017182d5d3c4647d244530760443/017182d5d3c4647d244530760445",
  "AuthInfo": {
    "Username": "",
    "Password": ""
  }
},
"Endpoints": [
  {
    "Name": "",
    "Url": "",
    "AuthInfo": {
      "AuthKey": ""
    }
  }
],
"PageNum": 1,
"PageSize": 10,
"TotalNum": 1,
"TotalPage": 1,
"RequestId": "11-222-333"
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)

- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.PageNum	Invalid <code>PageNum</code> .
InvalidParameter.PageSize	Invalid <code>PageSize</code> .
InvalidParameter.Points	Invalid <code>Points</code> value

ModifyStreamPackageChannel

Last updated : 2024-11-18 19:24:37

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

This API is used to modify a StreamPackage channel.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: ModifyStreamPackageChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	Channel ID.
Name	Yes	String	New channel name.
Protocol	Yes	String	New channel protocol. Valid values: HLS, DASH, CMAF.
CacheInfo	No	CacheInfo	Cache configuration.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://mdp.intl.tencentcloudapi.com/?Action=ModifyStreamPackageChannel
&Id=xxx
&Name=xxx
&Protocol=HLS
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "11-222-333"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)

- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.Name	Invalid name.
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.Protocol	Invalid protocol.

ModifyStreamPackageChannelInputAuthInfo

Last updated : 2024-11-18 19:24:35

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

This API is used to modify the input authentication information of a StreamPackage channel.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: ModifyStreamPackageChannelInputAuthInfo.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	Channel ID
Url	Yes	String	Channel input URL
ActionType	Yes	String	Authentication configuration. Valid values: <code>CLOSE</code> , <code>UPDATE</code> <code>CLOSE</code> : disable authentication <code>UPDATE</code> : update authentication information

3. Output Parameters

Parameter Name	Type	Description
AuthInfo	InputAuthInfo	Channel input authentication information
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://mdp.intl.tencentcloudapi.com/?Action=ModifyStreamPackageChannelInputAuthInfo
&Id=xxx
&Url=xxx
&ActionType=UPDATE
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "11-222-333",
    "AuthInfo": {
      "Username": "Sdsai3412y7",
      "Password": "jsada54rhbj2ss"
    }
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InvalidParameter.ActionType	Invalid <code>ActionType</code> .
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.Url	Invalid <code>Url</code> .

UnbindCdnDomainWithChannel

Last updated : 2024-11-18 19:24:34

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

This API is used to unbind a CDN playback domain name from a channel.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: UnbindCdnDomainWithChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
ChannelId	Yes	String	Channel ID
CdnDomain	Yes	String	CDN playback domain name

3. Output Parameters

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

Name		
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://mdp.intl.tencentcloudapi.com/?Action=UnbindCdnDomainWithChannel
&ChannelId=AAAAA
&CdnDomain=cdn.liveplay.myqcloud.com
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "5532214ssffasdf"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.CdnDomain	Invalid CDN playback domain name.
InvalidParameter.ChannelId	Invalid <code>ChannelId</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.

CreateStreamPackageChannelEndpoint

Last updated : 2025-03-06 10:25:20

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

This API is used to create an endpoint on a StreamPackage channel.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: CreateStreamPackageChannelEndpoint.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	Channel ID
Name	Yes	String	Endpoint name, which must contain 1 to 32 characters and supports digits, letters, and underscores
AuthInfo	Yes	EndpointAuthInfo	Authentication information
Protocol	No	String	Endpoint protocol type, supports HLS, DASH, CMAF (only HLS type input can create CMAF Endpoint).

Manifest	No	String	Mainifest name, default is main.
TimeShiftEnable	No	Boolean	Whether to turn on the TimeShift function, true: on, false: off, the default is off.
TimeShiftDuration	No	Integer	The number of days to look back in TimeShift, up to 30 days is supported.

3. Output Parameters

Parameter Name	Type	Description
Info	EndpointInfo	Information of the created channel endpoint
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://mdp.intl.tencentcloudapi.com/?Action=CreateStreamPackageChannelEndpoint
&Id=XXX
&Name=XXX
&AuthInfo.WhiteIpList.0=0.0.0.0/0
&AuthInfo.BlackIpList.0=0.0.0.0/0
&AuthInfo.AuthKey=XXX
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "Info": {
      "Url": "",
      "AuthInfo": {
        "AuthKey": "",
        "BlackIpList": [
```

```
"1.2.3.4/24",
"19.76.68.1/1"
],
"WhiteIpList": [
"11.2.3.4/24",
"119.76.68.1/1"
]
},
"Name": ""
},
"RequestId": "11-222-333"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.

InvalidParameter.AuthInfo	Incorrect authentication configuration.
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.Name	Invalid name.
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.SSAInfo	Invalid ad insertion configuration parameters.

ModifyStreamPackageChannelEndpoint

Last updated : 2025-03-06 10:25:17

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

This API is used to modify an endpoint of a StreamPackage channel.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: ModifyStreamPackageChannelEndpoint.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	Channel ID
Url	Yes	String	Channel endpoint URL
Name	Yes	String	New endpoint name
AuthInfo	Yes	EndpointAuthInfo	New channel authentication information
Protocol	No	String	Endpoint protocol.

TimeShiftEnable	No	Boolean	Whether to turn on the time shift function, true: on, false: off, the default is off.
TimeShiftDuration	No	Integer	The number of days in the time shift window, up to 30 days. Valid when TimeShiftEnable is turned on.
SSAIEnable	No	Boolean	Advertising insertion function switch.
SSAIInfo	No	SSAIConf	Ad insertion function configuration information. Valid when SSAIEnable is turned on.
CustomUrlParamIndex	No	Integer	The customer-defined url parameter is inserted into the subscript at the specified position of the Endpoint url. Calculation starts from the first '/' in the url path, and the subscript starts from 0, the optional range of the subscript is: [0,3].
CustomUrlParam	No	String	Customer-defined url parameters are inserted into the specified position of the Endpoint url based on the CustomUrlParamIndex. The parameters can only contain digits, letters, underscores (_), and hyphens (-), with a length of 1 to 64 chars.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://mdp.intl.tencentcloudapi.com/?Action=ModifyStreamPackageChannelEndpoint
&Id=XXX
&Url=XXX
&Name=XXX
&AuthInfo.WhiteIpList.0=0.0.0.0/0
&AuthInfo.BlackIpList.0=0.0.0.0/0
&AuthInfo.AuthKey=XXX
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "11-222-333"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.AuthInfo	Incorrect authentication configuration.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.Name	Invalid name.
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.SSAInfo	Invalid ad insertion configuration parameters.
InvalidParameter.Url	Invalid <code>Url</code> .

SSAI APIs

CreateStreamPackageSSAIChannel

Last updated : 2025-02-12 16:40:03

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

CreateStreamPackageSSAIChannel

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: CreateStreamPackageSSAIChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Name	Yes	String	Ad insertion configuration name, globally unique, cannot be repeated with other configurations
ContentSource	Yes	String	Source stream url prefix
SSAIInfo	Yes	SSAIConf	Ad insertion configuration information

3. Output Parameters

Parameter Name	Type	Description
Info	SSAChannelInfo	Ad insertion configuration information
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 CreateStreamPackageSSAChannel

CreateStreamPackageSSAChannel

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateStreamPackageSSAChannel
<Common request parameters>

{
  "Name": "TestConf",
  "ContentSource": "http://origin-server.com/abc/",
  "SSAInfo": {
    "AdsUrl": "https://my.ads.com/path?ad_type=[player_params.ad_type]&region=[player_params.region]",
    "ConfigAliases": [
      {
        "ParamName": "region",
        "AliasValueList": [
          {
            "Alias": "india",
            "Value": "ap-mumbai"
          }
        ]
      }
    ],
    "AdMarkerPassthrough": true,
    "Threshold": 12,
```

```
"SlateAd": "https://hostname/xxx/xxx.mp4",
"SCTE35AdType": 1,
"AdTriggers": [
1
],
"DeliveryRestrictions": 1,
"SourceCDNPrefix": "https://example_cdn.com/",
"AdCDNPrefix": "https://example_ad_cdn.com/"
}
}
```

Output Example

```
{
  "Response": {
    "Info": {
      "ID": "654CA8EF0000CE02BXXX",
      "Name": "TestConf",
      "ContentSource": "http://origin-server.com/abc/",
      "PlaybackPrefix": "http://xxx.ap-mumbai.streampackage.srclivepull.myqcloud.com/v1/ssai/master/0194d961674a1eb4611d3xxxxxx/",
      "SSAIInfo": {
        "AdsUrl": "https://my.ads.com/path?ad_type=[player_params.ad_type]&region=[player_params.region]",
        "ConfigAliases": [
          {
            "ParamName": "region",
            "AliasValueList": [
              {
                "Alias": "india",
                "Value": "ap-mumbai"
              }
            ]
          }
        ],
        "AdMarkerPassthrough": true,
        "Threshold": 12,
        "SlateAd": "https://hostname/xxx/xxx.mp4",
        "SCTE35AdType": 1,
        "AdTriggers": [
1
],
        "DeliveryRestrictions": 1,
        "SourceCDNPrefix": "https://example_cdn.com/",
        "AdCDNPrefix": "https://example_ad_cdn.com/",
        "DashMPDLocation": false
      }
    }
  }
}
```

```
}  
},  
"RequestId": "0xxxxd32-1043-4e1b-bd20-1bfad0xxxx70"  
}  
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.AuthInfo	Incorrect authentication configuration.
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.Name	Invalid name.

InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.SSAInfo	Invalid ad insertion configuration parameters.

DeleteStreamPackageSSAChannel

Last updated : 2025-02-12 16:40:15

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

DeleteStreamPackageSSAChannel

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DeleteStreamPackageSSAChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
ID	Yes	String	Ad insertion configuration ID that needs to be deleted

3. Output Parameters

Parameter Name	Type	Description

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.
-----------	--------	---

4. Example

Example1 DeleteStreamPackageSSAChannel

DeleteStreamPackageSSAChannel

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteStreamPackageSSAChannel
<Common request parameters>

{
  "ID": "654CA8EF0000CE02BXXX"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "0xxxd32-1043-4e1b-bd20-1bfad0xxxx70"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)

- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.AuthInfo	Incorrect authentication configuration.
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.Name	Invalid name.
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.SSAInfo	Invalid ad insertion configuration parameters.

DescribeStreamPackageSSAChannel

Last updated : 2025-02-12 16:40:13

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

DescribeStreamPackageSSAChannel

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageSSAChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
ID	Yes	String	Ad insertion configuration ID

3. Output Parameters

Parameter Name	Type	Description

Info	SSAIChannelInfo	Ad insertion configuration information
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 DescribeStreamPackageSSAIChannel

DescribeStreamPackageSSAIChannel

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeStreamPackageSSAIChannel
<Common request parameters>

{
  "ID": "654CA8EF0000CE02BXXX"
}
```

Output Example

```
{
  "Response": {
    "Info": {
      "ID": "654CA8EF0000CE02BXXX",
      "Name": "TestConf",
      "ContentSource": "http://origin-server.com/abc/",
      "PlaybackPrefix": "http://xxx.ap-mumbai.streampackage.srclivepull.myqcloud.com/v1/ssai/master/0194d961674a1eb4611d3xxxxxx/",
      "SSAIInfo": {
        "AdsUrl": "https://my.ads.com/path?ad_type=[player_params.ad_type]&region=[player_params.region]",
        "ConfigAliases": [
          {
            "ParamName": "region",
            "AliasValueList": [
              {
                "Alias": "india",
                "Value": "ap-mumbai"
              }
            ]
          }
        ]
      }
    }
  }
}
```

```
}
]
}
],
"AdMarkerPassthrough": true,
"Threshold": 12,
"SlateAd": "https://hostname/xxx/xxx.mp4",
"SCTE35AdType": 1,
"AdTriggers": [
1
],
"DeliveryRestrictions": 1,
"SourceCDNPrefix": "https://example_cdn.com/",
"AdCDNPrefix": "https://example_ad_cdn.com/",
"DashMPDLocation": false
}
},
"RequestId": "0xxxxd32-1043-4e1b-bd20-1bfad0xxxx70"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.AuthInfo	Incorrect authentication configuration.
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.Name	Invalid name.
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.SSAInfo	Invalid ad insertion configuration parameters.

DescribeStreamPackageSSAChannels

Last updated : 2025-02-12 16:40:12

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

DescribeStreamPackageSSAChannels

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageSSAChannels.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
PageNum	No	Integer	Page number, default is 1
PageSize	No	Integer	Page size, default is 10

3. Output Parameters

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

Name		
Infos	Array of SSAChannelInfo	Ad insertion configuration information.
PageNum	Integer	Page number
PageSize	Integer	Page size
TotalNum	Integer	Total number
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 DescribeStreamPackageSSAChannels

DescribeStreamPackageSSAChannels

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeStreamPackageSSAChannels
<Common request parameters>

{
  "PageNum": 1,
  "PageSize": 1
}
```

Output Example

```
{
  "Response": {
    "Infos": [
      {
        "ID": "654CA8EF0000CE02BXXX",
        "Name": "TestConf",
        "ContentSource": "http://origin-server.com/abc/",
        "PlaybackPrefix": "http://xxx.ap-mumbai.streampackage.srclivepull.myqcloud.com/v1/ssai/master/0194d961674a1eb4611d3xxxxxx/",

```

```
"SSAInfo": {
  "AdsUrl": "https://my.ads.com/path?ad_type=[player_params.ad_type]&region=[player_params.region]",
  "ConfigAliases": [
    {
      "ParamName": "region",
      "AliasValueList": [
        {
          "Alias": "india",
          "Value": "ap-mumbai"
        }
      ]
    }
  ],
  "AdMarkerPassthrough": true,
  "Threshold": 12,
  "SlateAd": "https://hostname/xxx/xxx.mp4",
  "SCTE35AdType": 1,
  "AdTriggers": [
    1
  ],
  "DeliveryRestrictions": 1,
  "SourceCDNPrefix": "https://example_cdn.com/",
  "AdCDNPrefix": "https://example_ad_cdn.com/",
  "DashMPDLocation": false
}
}
],
"PageNum": 1,
"PageSize": 1,
"TotalNum": 1,
"RequestId": "0xxxxd32-1043-4e1b-bd20-1bfad0xxxx70"
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)

- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.AuthInfo	Incorrect authentication configuration.
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.Name	Invalid name.
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.SSAInfo	Invalid ad insertion configuration parameters.

ModifyStreamPackageSSAChannel

Last updated : 2025-02-12 16:40:11

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

ModifyStreamPackageSSAChannel

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: ModifyStreamPackageSSAChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Name	Yes	String	Ad insertion configuration name, globally unique, cannot be repeated.
ContentSource	Yes	String	Content source prefix.
SSAInfo	Yes	SSAInfo	Ad insertion configuration information
ID	Yes	String	Ad insertion configuration ID

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 ModifyStreamPackageSSAChannel

ModifyStreamPackageSSAChannel

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyStreamPackageSSAChannel
<Common request parameters>

{
  "Name": "TestConf",
  "ContentSource": "http://origin-server.com/abc/",
  "SSAInfo": {
    "AdsUrl": "https://my.ads.com/path?ad_type=[player_params.ad_type]&region=[player_params.region]",
    "ConfigAliases": [
      {
        "ParamName": "region",
        "AliasValueList": [
          {
            "Alias": "india",
            "Value": "ap-mumbai"
          }
        ]
      }
    ],
    "AdMarkerPassthrough": true,
    "Threshold": 12,
    "SlateAd": "https://hostname/xxx/xxx.mp4",
    "SCTE35AdType": 1,
```

```
"AdTriggers": [
  1,
],
"DeliveryRestrictions": 1,
"SourceCDNPrefix": "https://example_cdn.com/",
"AdCDNPrefix": "https://example_ad_cdn.com/"
},
"ID": "654CA8EF0000CE02BXXX"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "0xxxd32-1043-4e1b-bd20-1bfad0xxx70"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.AuthInfo	Incorrect authentication configuration.
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.Name	Invalid name.
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.SSAInfo	Invalid ad insertion configuration parameters.

Channel linear assembly management APIs

DescribeStreamPackageLinearAssemblyChannelAlerts

Last updated : 2025-04-16 10:22:40

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Query linear assembly channel alarm information.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageLinearAssemblyChannelAlerts.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
ChannelId	Yes	String	Channel ID.
StartTime	No	Integer	Query start time, Unix timestamp, supports queries in the last seven days.

EndTime	No	Integer	Query end time, Unix timestamp, supports queries in the last seven days.
---------	----	---------	--

3. Output Parameters

Parameter Name	Type	Description
Infos	ChannelAlertResp	Channel alarm information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeStreamPackageLinearAssemblyChannelAlerts
<Common request parameters>

{
  "ChannelId": "abc",
  "StartTime": 1,
  "EndTime": 1
}
```

Output Example

```
{
  "Response": {
    "Infos": {
      "ProgramAlertCounts": [
        {
          "ProgramId": "abc",
```

```
"ProgramName": "abc",
"Category": "abc",
"Count": 1,
"LastModifiedTime": 1
},
],
"ProgramAlertInfos": [
{
"ChannelId": "abc",
"ChannelName": "abc",
"ProgramId": "abc",
"ProgramName": "abc",
"Code": 1,
"Category": "abc",
"Message": "abc",
"LastModifiedTime": 1
}
],
},
"RequestId": "abc"
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.Url	Invalid <code>Url</code> .

DescribeStreamPackageSourceAlerts

Last updated : 2025-04-16 10:22:38

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Query channel linear assembly Source alarm information.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageSourceAlerts.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
SourceId	Yes	String	Source ID.
StartTime	No	Integer	Query start time, Unix timestamp, supports queries in the last seven days.
EndTime	No	Integer	Query end time, Unix timestamp, supports queries in the last seven days.

3. Output Parameters

Parameter Name	Type	Description
Infos	Array of SourceAlert	Source alarm information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeStreamPackageSourceAlerts
<Common request parameters>

{
  "SourceId": "abc",
  "StartTime": 1,
  "EndTime": 1
}
```

Output Example

```
{
  "Response": {
    "Infos": [
      {
        "SourceId": "abc",
        "SourceName": "abc",
        "Code": 1,
        "Category": "abc",
        "Message": "abc",
        "LastModifiedTime": 1
      }
    ]
  }
}
```

```
] ,  
  "RequestId": "abc"  
}  
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.Url	Invalid <code>Url</code> .

DeleteStreamPackageLinearAssemblyPrograms

Last updated : 2025-04-16 10:22:42

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Batch deletion of channels linear assembly program.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DeleteStreamPackageLinearAssemblyPrograms.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Ids.N	Yes	Array of String	Program id list.

3. Output Parameters

--	--	--

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteStreamPackageLinearAssemblyPrograms
<Common request parameters>

{
  "Ids": [
    "abc"
  ]
}
```

Output Example

```
{
  "Response": {
    "RequestId": "abc"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)

- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.Url	Invalid <code>Url</code> .

DeleteStreamPackageLinearAssemblyChannels

Last updated : 2025-04-16 10:22:43

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Delete channels in batches and linearly assemble channels.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DeleteStreamPackageLinearAssemblyChannels.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Ids.N	Yes	Array of String	List of channel ids.

3. Output Parameters

--	--	--

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteStreamPackageLinearAssemblyChannels
<Common request parameters>

{
  "Ids": [
    "abc"
  ]
}
```

Output Example

```
{
  "Response": {
    "RequestId": "abc"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)

- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.Url	Invalid <code>Url</code> .

ModifyStreamPackageSourceLocation

Last updated : 2025-04-16 10:22:34

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Modify channel linear assembly SourceLocation configuration

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: ModifyStreamPackageSourceLocatic
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	SourceLocation Id.
Name	No	String	Modified name.
BaseUrl	No	String	BaseUrl.
SegmentDeliverEnable	No	Boolean	Whether to enable patching.

SegmentDeliverConf	No	SegmentDeliverInfo	Patch configuration.
SegmentDeliverUsePackageEnable	No	Boolean	Whether to enable package distribution sharding, it is enabled by default.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyStreamPackageSourceLocation
<Common request parameters>

{
  "Id": "abc",
  "Name": "abc",
  "BaseUrl": "abc",
  "SegmentDeliverEnable": true,
  "SegmentDeliverConf": {
    "DefaultSegmentUrl": "abc",
    "NameServers": [
      {
        "Name": "abc",
        "Url": "abc"
      }
    ]
  },
  "SegmentDeliverUsePackageEnable": true
}
```

Output Example

```
{
  "Response": {
    "RequestId": "abc"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.Name	Invalid name.

InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.Protocol	Invalid protocol.

CreateStreamPackageSourceLocation

Last updated : 2024-11-18 19:25:19

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Create Linear Assembly SourceLocation.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: CreateStreamPackageSourceLocatic
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Name	Yes	String	SourceLocation name.
BaseUrl	Yes	String	BaseUrl.
SegmentDeliverEnable	No	Boolean	Whether to enable patching.
SegmentDeliverConf	No	SegmentDeliverInfo	Patch configuration.

SegmentDeliverUsePackageEnable	No	Boolean	Whether to enable package distribution sharding, it is enabled by default.
--------------------------------	----	---------	--

3. Output Parameters

Parameter Name	Type	Description
Info	SourceLocationInfo	SourceLocation information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Request example

Create Linear Assembly SourceLocation.

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateStreamPackageSourceLocation
<Common request parameters>

{
  "Name": "abc",
  "BaseUrl": "abc",
  "SegmentDeliverEnable": true,
  "SegmentDeliverConf": {
    "DefaultSegmentUrl": "abc",
    "NameServers": [
      {
        "Name": "abc",
        "Url": "abc"
      }
    ]
  },
```

```
"SegmentDeliverUsePackageEnable": true
}
```

Output Example

```
{
  "Response": {
    "Info": {
      "Id": "abc",
      "Name": "abc",
      "Region": "abc",
      "BaseUrl": "abc",
      "SegmentDeliverEnable": true,
      "SegmentDeliverConf": {
        "DefaultSegmentUrl": "abc",
        "NameServers": [
          {
            "Name": "abc",
            "Url": "abc"
          }
        ]
      },
    },
    "AttachedLiveSources": [
      "abc"
    ],
    "AttachedVodSources": [
      "abc"
    ],
    "CreateTime": 1,
    "UpdateTime": 1,
    "SegmentDeliverUsePackageEnable": true
  },
  "RequestId": "abc"
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)

- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.CacheInfo	Invalid <code>CacheInfo</code> value
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Name	Invalid name.
InvalidParameter.Protocol	Invalid protocol.

DescribeStreamPackageSourceLocationAlert

S

Last updated : 2025-04-16 10:22:37

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Query channel linear assembly Location alarm information.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageSourceLocationAlerts.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
LocationId	Yes	String	Location ID.

3. Output Parameters

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

Name		
Infos	Array of LocationAlert	Location alarm information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeStreamPackageSourceLocationAlerts
<Common request parameters>

{
  "LocationId": "abc"
}
```

Output Example

```
{
  "Response": {
    "Infos": [
      {
        "LocationId": "abc",
        "Code": 1,
        "Category": "abc",
        "Message": "abc",
        "LastModifiedTime": 1,
        "LocationName": "abc"
      }
    ],
    "RequestId": "abc"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.Url	Invalid <code>Url</code> .

CreateStreamPackageLinearAssemblyProgram

Last updated : 2025-04-16 10:22:45

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Create a linear assembly program.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: CreateStreamPackageLinearAssemblyProgram.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Name	Yes	String	Program name.
AttachedChannel	Yes	String	The bound channel.
SourceType	No	String	The type of arrangement target source is divided into live broadcast and on-demand VOD. Optional values: Live, VOD.

SourceLocationId	No	String	The associated source location.
SourceName	No	String	The associated live broadcast or on-demand broadcast, source name, and location are globally unique.
PlaybackConf	No	PlaybackInfoReq	PlaybackConf.
AdBreaks.N	No	Array of AdBreakInfo	AdBreaks is only valid when the source type is Vod.

3. Output Parameters

Parameter Name	Type	Description
Info	LinearAssemblyProgramInfo	channel information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateStreamPackageLinearAssemblyProgram
<Common request parameters>

{
  "Name": "abc",
  "AttachedChannel": "abc",
  "SourceType": "abc",
  "SourceLocationId": "abc",
  "SourceName": "abc",
  "PlaybackConf": {
```

```
"TransitionType": "abc",
"StartTime": 1,
"Duration": 1,
"RelativePosition": "abc",
"RelativeProgramId": "abc",
"ClipRangeConf": {
  "Type": "abc",
  "Offset": 1
},
"AdBreaks": [
{
  "SourceLocationId": "abc",
  "VodSourceName": "abc",
  "Offset": 1,
  "MessageType": "abc",
  "TimeSignalConf": {
    "EventID": "abc",
    "UPIDType": "abc",
    "UPID": "abc",
    "TypeID": "abc",
    "Num": "abc",
    "Expected": "abc",
    "SubsegmentNum": "abc",
    "SubsegmentsExpected": "abc"
  },
  "SpliceInsertConf": {
    "EventID": "abc",
    "AvailNum": "abc",
    "AvailExpected": "abc",
    "ProgramID": "abc"
  },
  "Metadatas": [
    {
      "Key": "abc",
      "Value": "abc"
    }
  ],
  "SourceLocationName": "abc"
}
]
```

Output Example

```
{
  "Response": {
    "Info": {
      "Name": "abc",
      "SourceType": "abc",
      "SourceLocationId": "abc",
      "SourceId": "abc",
      "SourceName": "abc",
      "AttachedChannel": "abc",
      "PlaybackConf": {
        "Duration": 1,
        "TransitionType": "abc",
        "StartTime": 1,
        "RelativePosition": "abc",
        "RelativeProgramId": "abc",
        "ClipRangeConf": {
          "Type": "abc",
          "Offset": 1
        },
        "RelativeProgramName": "abc"
      },
      "AdBreaks": [
        {
          "SourceLocationId": "abc",
          "VodSourceName": "abc",
          "Offset": 1,
          "MessageType": "abc",
          "TimeSignalConf": {
            "EventID": "abc",
            "UPIDType": "abc",
            "UPID": "abc",
            "TypeID": "abc",
            "Num": "abc",
            "Expected": "abc",
            "SubsegmentNum": "abc",
            "SubsegmentsExpected": "abc"
          },
          "SpliceInsertConf": {
            "EventID": "abc",
            "AvailNum": "abc",
            "AvailExpected": "abc",
            "ProgramID": "abc"
          },
          "Metadatas": [
            {
              "Key": "abc",
```

```
"Value": "abc"
},
"SourceLocationName": "abc"
},
"Id": "abc",
"Region": "abc",
"SourceLocationName": "abc"
},
"RequestId": "abc"
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.

InvalidParameter.CacheInfo	Invalid <code>CacheInfo</code> value
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Name	Invalid name.
InvalidParameter.Protocol	Invalid protocol.

CreateStreamPackageLinearAssemblyChannel

Last updated : 2025-04-16 10:22:45

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Create a linear assembly channel.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: CreateStreamPackageLinearAssemblyChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Name	Yes	String	Channel name.
Tier	No	String	Define the characteristics of the channel. Standard supports live broadcast and on-demand sources. Basic only supports on-demand source arrangement. Optional values: Standard and Basic.
PlaybackMode	No	String	The source switching modes in the channel are divided into

			Linear and Loop. Basic only supports Linear, and Standatd supports both. Optional values: Linear, Standatd.
TimeShiftEnable	No	Boolean	Time shift enable switch, only valid when Tier is Standard.
TimeShiftConf	No	TimeShiftInfo	Time shift configuration, effective when the time shift switch is turned on.
SlateConf	No	SlateInfo	Spacer configuration is only valid when PlaybackMode is Linear.
Outputs.N	No	Array of OutputReq	Output configuration.

3. Output Parameters

Parameter Name	Type	Description
Info	LinearAssemblyChannelInfo	channel information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateStreamPackageLinearAssemblyChannel
<Common request parameters>

{
  "Name": "abc",
  "Tier": "abc",
```

```
"PlaybackMode": "abc",
"TimeShiftEnable": true,
"TimeShiftConf": {
  "TimeWindows": 1
},
"SlateConf": {
  "SourceLocationId": "abc",
  "VodSourceName": "abc"
},
"Outputs": [
{
  "Type": "abc",
  "GroupName": "abc",
  "ManifestName": "abc",
  "ManifestConf": {
    "Windows": 1,
    "AdMarkupType": "abc"
  }
}
]
```

Output Example

```
{
  "Response": {
    "Info": {
      "Name": "abc",
      "Tier": "abc",
      "PlaybackMode": "abc",
      "TimeShiftConf": {
        "TimeWindows": 1
      },
      "SlateConf": {
        "SourceLocationId": "abc",
        "VodSourceName": "abc"
      },
      "Outputs": [
        {
          "Type": "abc",
          "GroupName": "abc",
          "ManifestName": "abc",
          "ManifestConf": {
            "Windows": 1,
            "AdMarkupType": "abc"
          }
        },

```



```
"PlaybackURL": "abc"
},
],
"AttachedPrograms": [
  "abc"
],
"ProgramSchedules": [
  {
    "ProgramName": "abc",
    "ProgramId": "abc",
    "SourceType": "abc",
    "SourceId": "abc",
    "SourceLocationId": "abc",
    "StartTime": 1,
    "Duration": "abc"
  }
],
"Id": "abc",
"Region": "abc",
"State": "abc",
"TimeShiftEnable": true,
"CreateTime": 1
},
"RequestId": "abc"
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.CacheInfo	Invalid <code>CacheInfo</code> value
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Name	Invalid name.
InvalidParameter.Protocol	Invalid protocol.

CreateStreamPackageSource

Last updated : 2025-04-16 10:22:44

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Create channel linear assembly Source.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: CreateStreamPackageSource.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
AttachedLocation	Yes	String	The location id to which this source belongs is required and uniquely bound to one location.
Name	Yes	String	Source name, globally unique under location.
Type	Yes	String	Distinguish between live broadcast and on-demand VOD source types. Optional values: Live, VOD.
PackageConfs.N	No	Array of SourcePackageConf	source specific configuration.

3. Output Parameters

Parameter Name	Type	Description
Info	SourceInfo	Source information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateStreamPackageSource
<Common request parameters>

{
  "AttachedLocation": "abc",
  "Name": "abc",
  "Type": "abc",
  "PackageConfs": [
    {
      "GroupName": "abc",
      "Type": "abc",
      "Path": "abc"
    }
  ]
}
```

Output Example

```
{
  "Response": {
    "Info": {
      "Name": "abc",
      "Type": "abc",

```

```
"PackageConf": [  
  {  
    "GroupName": "abc",  
    "Type": "abc",  
    "Path": "abc"  
  },  
  ],  
  "Id": "abc",  
  "CreateTime": 1,  
  "UpdateTime": 1,  
  "Region": "abc"  
},  
"RequestId": "abc"  
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
------------	-------------

InternalError	Internal error.
InvalidParameter.CacheInfo	Invalid <code>CacheInfo</code> value
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Name	Invalid name.
InvalidParameter.Protocol	Invalid protocol.

StartStreamPackageLinearAssemblyChannel

Last updated : 2025-04-16 10:22:33

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Start Linear Assembly Channel.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: StartStreamPackageLinearAssemblyChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	Channel ID.

3. Output Parameters

Parameter Name	Type	Description

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.
-----------	--------	---

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: StartStreamPackageLinearAssemblyChannel
<Common request parameters>

{
  "Id": "abc"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "abc"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)

- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.CacheInfo	Invalid <code>CacheInfo</code> value
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Name	Invalid name.
InvalidParameter.Protocol	Invalid protocol.

StopStreamPackageLinearAssemblyChannel

Last updated : 2025-04-16 10:22:33

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Stop linear assembly channel.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: StopStreamPackageLinearAssemblyChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	Channel ID.

3. Output Parameters

Parameter Name	Type	Description

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.
-----------	--------	---

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: StopStreamPackageLinearAssemblyChannel
<Common request parameters>

{
  "Id": "abc"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "abc"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)

- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.CacheInfo	Invalid <code>CacheInfo</code> value
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Name	Invalid name.
InvalidParameter.Protocol	Invalid protocol.

DeleteStreamPackageLinearAssemblyChannel

Last updated : 2025-04-16 10:22:44

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Delete channel linear assemblyChannel.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DeleteStreamPackageLinearAssemblyChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	channel id.

3. Output Parameters

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

Name		
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteStreamPackageLinearAssemblyChannel
<Common request parameters>

{
  "Id": "abc"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "abc"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)

- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.Url	Invalid <code>Url</code> .

DeleteStreamPackageLinearAssemblyProgram

Last updated : 2025-04-16 10:22:43

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Delete Channel Linear Assembly Program.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DeleteStreamPackageLinearAssemblyProgram.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	Program id.

3. Output Parameters

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

Name		
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteStreamPackageLinearAssemblyProgram
<Common request parameters>

{
  "Id": "abc"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "abc"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)

- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.Url	Invalid <code>Url</code> .

DeleteStreamPackageSource

Last updated : 2025-04-16 10:22:42

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Delete channel linear assembly Source.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DeleteStreamPackageSource.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	SourceLocation Id.

3. Output Parameters

Parameter Name	Type	Description

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.
-----------	--------	---

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteStreamPackageSource
<Common request parameters>

{
  "Id": "abc"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "abc"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)

- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.Url	Invalid <code>Url</code> .

DeleteStreamPackageSourceLocation

Last updated : 2025-04-16 10:22:41

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Batch delete media packaging SourceLocation.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DeleteStreamPackageSourceLocation.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	SourceLocation Id.

3. Output Parameters

Parameter Name	Type	Description

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.
-----------	--------	---

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteStreamPackageSourceLocation
<Common request parameters>

{
  "Id": "abc"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "abc"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)

- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.Url	Invalid <code>Url</code> .

DescribeStreamPackageLinearAssemblyChannel

Last updated : 2025-04-16 10:22:41

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Query channel linear assembly Channel information.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageLinearAssemblyChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	channel id.

3. Output Parameters

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

Name		
Info	LinearAssemblyChannelInfo	Channel information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeStreamPackageLinearAssemblyChannel
<Common request parameters>

{
  "Id": "abc"
}
```

Output Example

```
{
  "Response": {
    "Info": {
      "Name": "abc",
      "Tier": "abc",
      "PlaybackMode": "abc",
      "TimeShiftConf": {
        "TimeWindows": 1
      },
      "SlateConf": {
        "SourceLocationId": "abc",
        "VodSourceName": "abc"
      },
      "Outputs": [
        {
          "Type": "abc",
          "GroupName": "abc",

```

```
"ManifestName": "abc",
"ManifestConf": {
  "Windows": 1,
  "AdMarkupType": "abc"
},
"PlaybackURL": "abc"
},
],
"AttachedPrograms": [
  "abc"
],
"ProgramSchedules": [
  {
    "ProgramName": "abc",
    "ProgramId": "abc",
    "SourceType": "abc",
    "SourceId": "abc",
    "SourceLocationId": "abc",
    "StartTime": 1,
    "Duration": "abc"
  }
],
"Id": "abc",
"Region": "abc",
"State": "abc",
"TimeShiftEnable": true,
"CreateTime": 1
},
"RequestId": "abc"
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)

- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.

DescribeStreamPackageLinearAssemblyProgram

Last updated : 2025-04-16 10:22:39

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Query channel linear assembly program information.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageLinearAssemblyProgram.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	program id.

3. Output Parameters

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

Name		
Info	LinearAssemblyProgramInfo	Program information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeStreamPackageLinearAssemblyProgram
<Common request parameters>

{
  "Id": "abc"
}
```

Output Example

```
{
  "Response": {
    "Info": {
      "Name": "abc",
      "SourceType": "abc",
      "SourceLocationId": "abc",
      "SourceId": "abc",
      "SourceName": "abc",
      "AttachedChannel": "abc",
      "PlaybackConf": {
        "Duration": 1,
        "TransitionType": "abc",
        "StartTime": 1,
        "RelativePosition": "abc",
        "RelativeProgramId": "abc",
        "ClipRangeConf": {
          "Type": "abc",
```

```
"Offset": 1,
},
"RelativeProgramName": "abc",
},
"AdBreaks": [
{
"SourceLocationId": "abc",
"VodSourceName": "abc",
"Offset": 1,
"MessageType": "abc",
"TimeSignalConf": {
"EventID": "abc",
"UPIDType": "abc",
"UPID": "abc",
"TypeID": "abc",
"Num": "abc",
"Expected": "abc",
"SubsegmentNum": "abc",
"SubsegmentsExpected": "abc"
},
"SpliceInsertConf": {
"EventID": "abc",
"AvailNum": "abc",
"AvailExpected": "abc",
"ProgramID": "abc"
},
},
"Metadatas": [
{
"Key": "abc",
"Value": "abc"
}
],
"SourceLocationName": "abc"
},
],
"Id": "abc",
"Region": "abc",
"SourceLocationName": "abc"
},
"RequestId": "abc"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.

DescribeStreamPackageSource

Last updated : 2025-04-16 10:22:38

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Query channel linear assembly Source information.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageSource.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	SourceLocation Id.

3. Output Parameters

Parameter Name	Type	Description

Info	SourceInfo	Source information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeStreamPackageSource
<Common request parameters>

{
  "Id": "abc"
}
```

Output Example

```
{
  "Response": {
    "Info": {
      "Name": "abc",
      "Type": "abc",
      "PackageConf": [
        {
          "GroupName": "abc",
          "Type": "abc",
          "Path": "abc"
        }
      ],
      "Id": "abc",
      "CreateTime": 1,
      "UpdateTime": 1,
      "Region": "abc"
    },
    "RequestId": "abc"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.

DescribeStreamPackageSourceLocation

Last updated : 2025-04-16 10:22:37

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Query channel linear assembly sourceLocation information.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageSourceLocation.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	SourceLocation Id.

3. Output Parameters

Parameter Name	Type	Description

Info	SourceLocationInfo	SourceLocation information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeStreamPackageSourceLocation
<Common request parameters>

{
  "Id": "abc"
}
```

Output Example

```
{
  "Response": {
    "Info": {
      "Id": "abc",
      "Name": "abc",
      "Region": "abc",
      "BaseUrl": "abc",
      "SegmentDeliverEnable": true,
      "SegmentDeliverConf": {
        "DefaultSegmentUrl": "abc",
        "NameServers": [
          {
            "Name": "abc",
            "Url": "abc"
          }
        ]
      },
      "AttachedLiveSources": [
        "abc"
      ]
    }
  }
}
```

```
],
"AttachedVodSources": [
  "abc"
],
"CreateTime": 1,
"UpdateTime": 1,
"SegmentDeliverUsePackageEnable": true
},
"RequestId": "abc"
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .

InvalidParameter.NotFound	Failed to find the channel/input/output.
---------------------------	--

DescribeStreamPackageLinearAssemblyChannels

Last updated : 2025-04-16 10:22:40

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Query channel linear assembly Channel information list.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageLinearAssemblyChannels.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
PageNum	No	Integer	Paging query page number, the value range is [1, 1000].
PageSize	No	Integer	Paging query the size of each page, the value range is [1, 1000].

3. Output Parameters

Parameter Name	Type	Description
Infos	Array of LinearAssemblyChannelInfo	Channel list.
PageNum	Integer	Number of pages.
PageSize	Integer	Size per page.
TotalNum	Integer	The total amount.
TotalPage	Integer	total pages.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeStreamPackageLinearAssemblyChannels
<Common request parameters>

{
  "PageNum": 1,
  "PageSize": 1
}
```

Output Example

```
{
  "Response": {
    "Infos": [
      {
        "Name": "abc",
        "Tier": "abc",
```

```
"PlaybackMode": "abc",
"TimeShiftConf": {
  "TimeWindows": 1
},
"SlateConf": {
  "SourceLocationId": "abc",
  "VodSourceName": "abc"
},
"Outputs": [
  {
    "Type": "abc",
    "GroupName": "abc",
    "ManifestName": "abc",
    "ManifestConf": {
      "Windows": 1,
      "AdMarkupType": "abc"
    },
    "PlaybackURL": "abc"
  }
],
"AttachedPrograms": [
  "abc"
],
"ProgramSchedules": [
  {
    "ProgramName": "abc",
    "ProgramId": "abc",
    "SourceType": "abc",
    "SourceId": "abc",
    "SourceLocationId": "abc",
    "StartTime": 1,
    "Duration": "abc"
  }
],
"Id": "abc",
"Region": "abc",
"State": "abc",
"TimeShiftEnable": true,
"CreateTime": 1
},
"PageNum": 1,
"PageSize": 1,
"TotalNum": 1,
"TotalPage": 1,
"RequestId": "abc"
```

```
}  
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.PageNum	Invalid <code>PageNum</code> .
InvalidParameter.PageSize	Invalid <code>PageSize</code> .
InvalidParameter.Points	Invalid <code>Points</code> value

DescribeStreamPackageLinearAssemblyProgramSchedules

Last updated : 2025-04-16 10:22:39

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Query channel linear assembly Programl assembly scheduling information list.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageLinearAssemblyProgramSchedules.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
ChannelId	Yes	String	Query all Programs under a Channel.
TimeWindow	No	Integer	Window duration information, in seconds.
PageNum	No	Integer	Paging query page number, the value range is [1, 1000].
PageSize	No	Integer	Paging query the size of each page, the value range is [1, 1000].

3. Output Parameters

Parameter Name	Type	Description
Infos	Array of LinearAssemblyProgramInfo	Program's scheduling list.
PageNum	Integer	Number of pages.
PageSize	Integer	Size per page.
TotalNum	Integer	The total amount.
TotalPage	Integer	Total pages.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeStreamPackageLinearAssemblyProgramSchedules
<Common request parameters>

{
  "ChannelId": "abc",
  "TimeWindow": 1,
  "PageNum": 1,
  "PageSize": 1
}
```

Output Example

```
{
  "Response": {
    "Infos": [
      {
        "Name": "abc",
        "SourceType": "abc",
        "SourceLocationId": "abc",
        "SourceId": "abc",
        "SourceName": "abc",
        "AttachedChannel": "abc",
        "PlaybackConf": {
          "Duration": 1,
          "TransitionType": "abc",
          "StartTime": 1,
          "RelativePosition": "abc",
          "RelativeProgramId": "abc",
          "ClipRangeConf": {
            "Type": "abc",
            "Offset": 1
          },
        },
        "RelativeProgramName": "abc"
      },
      {
        "AdBreaks": [
          {
            "SourceLocationId": "abc",
            "VodSourceName": "abc",
            "Offset": 1,
            "MessageType": "abc",
            "TimeSignalConf": {
              "EventID": "abc",
              "UPIDType": "abc",
              "UPID": "abc",
              "TypeID": "abc",
              "Num": "abc",
              "Expected": "abc",
              "SubsegmentNum": "abc",
              "SubsegmentsExpected": "abc"
            },
            "SpliceInsertConf": {
              "EventID": "abc",
              "AvailNum": "abc",
              "AvailExpected": "abc",
              "ProgramID": "abc"
            },
          },
          {
            "Metadatas": [
              {
```

```
"Key": "abc",
"Value": "abc"
},
"SourceLocationName": "abc"
},
"Id": "abc",
"Region": "abc",
"SourceLocationName": "abc"
},
"PageNum": 1,
"PageSize": 1,
"TotalNum": 1,
"TotalPage": 1,
"RequestId": "abc"
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.PageNum	Invalid <code>PageNum</code> .
InvalidParameter.PageSize	Invalid <code>PageSize</code> .
InvalidParameter.Points	Invalid <code>Points</code> value

DescribeStreamPackageLinearAssemblyPrograms

Last updated : 2025-04-16 10:22:38

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Query channel linear assembly Programl information list.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageLinearAssemblyPrograms.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
PageNum	No	Integer	Paging query page number, the value range is [1, 1000].
PageSize	No	Integer	Paging query the size of each page, the value range is [1, 1000].
ChannelId	No	String	Query all Programs under a Channel.

3. Output Parameters

Parameter Name	Type	Description
Infos	Array of LinearAssemblyProgramInfo	Program list.
PageNum	Integer	Number of pages.
PageSize	Integer	Size per page.
TotalNum	Integer	The total amount.
TotalPage	Integer	total pages.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeStreamPackageLinearAssemblyPrograms
<Common request parameters>

{
  "PageNum": 1,
  "PageSize": 1,
  "ChannelId": "abc"
}
```

Output Example

```
{
  "Response": {
```

```
"Infos": [  
  {  
    "Name": "abc",  
    "SourceType": "abc",  
    "SourceLocationId": "abc",  
    "SourceId": "abc",  
    "SourceName": "abc",  
    "AttachedChannel": "abc",  
    "PlaybackConf": {  
      "Duration": 1,  
      "TransitionType": "abc",  
      "StartTime": 1,  
      "RelativePosition": "abc",  
      "RelativeProgramId": "abc",  
      "ClipRangeConf": {  
        "Type": "abc",  
        "Offset": 1  
      },  
      "RelativeProgramName": "abc"  
    },  
    "AdBreaks": [  
      {  
        "SourceLocationId": "abc",  
        "VodSourceName": "abc",  
        "Offset": 1,  
        "MessageType": "abc",  
        "TimeSignalConf": {  
          "EventID": "abc",  
          "UPIDType": "abc",  
          "UPID": "abc",  
          "TypeID": "abc",  
          "Num": "abc",  
          "Expected": "abc",  
          "SubsegmentNum": "abc",  
          "SubsegmentsExpected": "abc"  
        },  
        "SpliceInsertConf": {  
          "EventID": "abc",  
          "AvailNum": "abc",  
          "AvailExpected": "abc",  
          "ProgramID": "abc"  
        },  
        "Metadatas": [  
          {  
            "Key": "abc",  
            "Value": "abc"  
          }  
        ]  
      }  
    ]  
  }  
]
```

```
],
"SourceLocationName": "abc"
},
],
"Id": "abc",
"Region": "abc",
"SourceLocationName": "abc"
},
],
"PageNum": 1,
"PageSize": 1,
"TotalNum": 1,
"TotalPage": 1,
"RequestId": "abc"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

--	--

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.PageNum	Invalid <code>PageNum</code> .
InvalidParameter.PageSize	Invalid <code>PageSize</code> .
InvalidParameter.Points	Invalid <code>Points</code> value

DescribeStreamPackageSourceLocations

Last updated : 2025-04-16 10:22:36

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Query channel linear assembly SourceLocation information list.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageSourceLocations.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
PageNum	No	Integer	Paging query page number, the value range is [1, 1000].
PageSize	No	Integer	Paging query the size of each page, the value range is [1, 1000].

3. Output Parameters

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

Name		
Infos	Array of SourceLocationInfo	SourceLocation list.
PageNum	Integer	Number of pages.
PageSize	Integer	Size per page.
TotalNum	Integer	The total amount.
TotalPage	Integer	total pages.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeStreamPackageSourceLocations
<Common request parameters>

{
  "PageNum": 1,
  "PageSize": 1
}
```

Output Example

```
{
  "Response": {
    "Infos": [
      {
        "Id": "abc",
        "Name": "abc",
        "Region": "abc",
```

```
"BaseUrl": "abc",
"SegmentDeliverEnable": true,
"SegmentDeliverConf": {
  "DefaultSegmentUrl": "abc",
  "NameServers": [
    {
      "Name": "abc",
      "Url": "abc"
    }
  ],
},
"AttachedLiveSources": [
  "abc"
],
"AttachedVodSources": [
  "abc"
],
"CreateTime": 1,
"UpdateTime": 1,
"SegmentDeliverUsePackageEnable": true
},
],
"PageNum": 1,
"PageSize": 1,
"TotalNum": 1,
"TotalPage": 1,
"RequestId": "abc"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)

- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.PageNum	Invalid <code>PageNum</code> .
InvalidParameter.PageSize	Invalid <code>PageSize</code> .
InvalidParameter.Points	Invalid <code>Points</code> value

DescribeStreamPackageSources

Last updated : 2025-04-16 10:22:36

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Query channel linear assembly Source information list.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageSources.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
PageNum	No	Integer	Paging query page number, the value range is [1, 1000].
PageSize	No	Integer	Paging query the size of each page, the value range is [1, 1000].
LocationId	No	String	Location Id, query all sources under the location.
Type	No	String	The type of source is divided into live broadcast and on-demand VOD. Optional values: Live, VOD.

3. Output Parameters

Parameter Name	Type	Description
Infos	Array of SourceInfo	Source list.
PageNum	Integer	Number of pages.
PageSize	Integer	Size per page.
TotalNum	Integer	The total amount.
TotalPage	Integer	total pages.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeStreamPackageSources
<Common request parameters>

{
  "PageNum": 1,
  "PageSize": 1,
  "LocationId": "abc",
  "Type": "abc"
}
```

Output Example

```
{
  "Response": {
```

```
"Infos": [  
  {  
    "Name": "abc",  
    "Type": "abc",  
    "PackageConf": [  
      {  
        "GroupName": "abc",  
        "Type": "abc",  
        "Path": "abc"  
      }  
    ],  
    "Id": "abc",  
    "CreateTime": 1,  
    "UpdateTime": 1,  
    "Region": "abc"  
  }  
],  
"PageNum": 1,  
"PageSize": 1,  
"TotalNum": 1,  
"TotalPage": 1,  
"RequestId": "abc"  
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.PageNum	Invalid <code>PageNum</code> .
InvalidParameter.PageSize	Invalid <code>PageSize</code> .
InvalidParameter.Points	Invalid <code>Points</code> value

ModifyStreamPackageLinearAssemblyChannel

Last updated : 2025-04-16 10:22:35

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Modify channel linear assembly Channel configuration.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: ModifyStreamPackageLinearAssemblyChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	Channel ID.
Name	No	String	Modified name.
Tier	No	String	Define the characteristics of the channel. Standard supports live broadcast and on-demand sources, while Basic only supports on-demand source arrangement.

PlaybackMode	No	String	The source switching mode in the channel is divided into Linear and Loop. Live broadcast only supports Linear. Optional values: Linear, Loop.
TimeShiftEnable	No	Boolean	Time shift on switch.
TimeShiftConf	No	TimeShiftInfo	Time shift configuration.
SlateConf	No	SlateInfo	padding configuration.
Outputs.N	No	Array of OutputInfo	Output configuration.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyStreamPackageLinearAssemblyChannel
<Common request parameters>

{
  "Id": "abc",
  "Name": "abc",
  "Tier": "abc",
  "PlaybackMode": "abc",
  "TimeShiftEnable": true,
  "TimeShiftConf": {
    "TimeWindows": 1
```

```
},
"SlateConf": {
  "SourceLocationId": "abc",
  "VodSourceName": "abc"
},
"Outputs": [
{
  "Type": "abc",
  "GroupName": "abc",
  "ManifestName": "abc",
  "ManifestConf": {
    "Windows": 1,
    "AdMarkupType": "abc"
  },
  "PlaybackURL": "abc"
}
]
```

Output Example

```
{
  "Response": {
    "RequestId": "abc"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.Name	Invalid name.
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.Protocol	Invalid protocol.

ModifyStreamPackageLinearAssemblyProgram

Last updated : 2025-04-16 10:22:35

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Modify channel linear assembly Program configuration.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: ModifyStreamPackageLinearAssemblyProgram.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	Program ID.
Name	No	String	Modified name.
SourceType	No	String	The type of the arrangement target source, divided into live broadcast and on-demand.
SourceLocationId	No	String	The associated source location.

SourceName	No	String	The associated live broadcast or on-demand broadcast, source name, and location are globally unique.
PlaybackConf	No	PlaybackInfoReq	PlaybackConf.
AdBreaks.N	No	Array of AdBreakInfo	AdBreaks.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyStreamPackageLinearAssemblyProgram
<Common request parameters>

{
  "Id": "abc",
  "Name": "abc",
  "SourceType": "abc",
  "SourceLocationId": "abc",
  "SourceName": "abc",
  "PlaybackConf": {
    "TransitionType": "abc",
    "StartTime": 1,
    "Duration": 1,
    "RelativePosition": "abc",
    "RelativeProgramId": "abc",
```

```
"ClipRangeConf": {
  "Type": "abc",
  "Offset": 1
},
"AdBreaks": [
{
  "SourceLocationId": "abc",
  "VodSourceName": "abc",
  "Offset": 1,
  "MessageType": "abc",
  "TimeSignalConf": {
    "EventID": "abc",
    "UPIDType": "abc",
    "UPID": "abc",
    "TypeID": "abc",
    "Num": "abc",
    "Expected": "abc",
    "SubsegmentNum": "abc",
    "SubsegmentsExpected": "abc"
  },
  "SpliceInsertConf": {
    "EventID": "abc",
    "AvailNum": "abc",
    "AvailExpected": "abc",
    "ProgramID": "abc"
  },
  "Metadatas": [
    {
      "Key": "abc",
      "Value": "abc"
    }
  ],
  "SourceLocationName": "abc"
}
]
```

Output Example

```
{
  "Response": {
    "RequestId": "abc"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.Name	Invalid name.
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.Protocol	Invalid protocol.

ModifyStreamPackageSource

Last updated : 2025-04-16 10:22:34

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Modify channel linear assembly Source configuration.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: ModifyStreamPackageSource.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
Id	Yes	String	Source Id.
Name	No	String	Modified name.
Type	No	String	Distinguish between live broadcast and on-demand VOD source types. Optional values: Live, VOD (on demand)
PackageConfs.N	No	Array of	source configuration.

[SourcePackageConf](#)

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyStreamPackageSource
<Common request parameters>
```

```
{
  "Id": "abc",
  "Name": "abc",
  "Type": "abc",
  "PackageConfs": [
    {
      "GroupName": "abc",
      "Type": "abc",
      "Path": "abc"
    }
  ]
}
```

Output Example

```
{
  "Response": {
    "RequestId": "abc"
  }
}
```

```
}  
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.Name	Invalid name.
InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.Protocol	Invalid protocol.

UnbindLinearAssemblyCDNDomainWithChannel

Last updated : 2025-03-06 10:25:38

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Unbind LinearAssembly channel with CDN domain name.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: UnbindLinearAssemblyCDNDomainWithChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
ChannelId	Yes	String	Channel Id.
CdnDomain	Yes	String	Cdn playback domain.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Unbind LinearAssembly channel with CDN domain name.

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: UnbindLinearAssemblyCDNDomainWithChannel
<Common request parameters>

{
  "ChannelId": "XXX123",
  "CdnDomain": "testcdn.com"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "XXXREQ"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.CdnDomain	Invalid CDN playback domain name.
InvalidParameter.ChannelId	Invalid <code>ChannelId</code> .
InvalidParameter.NotFound	Failed to find the channel/input/output.

DescribeLinearAssemblyCDNDomainWithChannels

Last updated : 2025-03-06 10:25:41

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Query the CDN domain names associated with all LinearAssembly channels.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeLinearAssemblyCDNDomainWithChannels.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.

3. Output Parameters

Parameter Name	Type	Description

Info	CdnDomainInfo	The CDN domain name information associated with the channel.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Query the CDN domain names associated with all LinearAssembly channels.

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeLinearAssemblyCDNDomainWithChannels
<Common request parameters>

{}
```

Output Example

```
{
  "Response": {
    "Info": {
      "TotalSize": 1,
      "Records": [
        {
          "CdnDomain": "testcdn.com",
          "Region": "ap-tokyo",
          "ChannelId": "XXX123",
          "Id": "XXX124"
        }
      ]
    },
    "RequestId": "XXXREQ"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.

DescribeLinearAssemblyCDNDomainWithChannel

Last updated : 2025-03-06 10:25:42

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Query the CDN domain name associated with the LinearAssembly channel.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeLinearAssemblyCDNDomainWithChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
ChannelId	Yes	String	Channel Id.

3. Output Parameters

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

Name		
Info	CdnDomainInfo	The CDN domain name information associated with the channel.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

Query the CDN domain name associated with the LinearAssembly channel.

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeLinearAssemblyCDNDomainWithChannel
<Common request parameters>

{
  "ChannelId": "XXX123"
}
```

Output Example

```
{
  "Response": {
    "Info": {
      "TotalSize": 1,
      "Records": [
        {
          "CdnDomain": "testcdn.com",
          "Region": "ap-tokyo",
          "ChannelId": "XXX123",
          "Id": "XXX124"
        }
      ]
    },
    "RequestId": "XXXREQ"
  }
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.ChannelId	Invalid <code>ChannelId</code> .

BindLinearAssemblyCDNDomainWithChannel

Last updated : 2025-03-06 10:25:44

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Linear Assembly channel is bound to CDN playback domain name.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: BindLinearAssemblyCDNDomainWithChannel.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
ChannelId	Yes	String	Channel Id.
CdnDomain	Yes	String	Cdn playback domain.

3. Output Parameters

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

Name		
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Sample request

The channel is bound to the CDN playback domain name.

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: BindLinearAssemblyCDNDomainWithChannel
<Common request parameters>

{
  "ChannelId": "XXX123",
  "CdnDomain": "testcdn.com"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "XXXREQ"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)

- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.CdnDomain	Invalid CDN playback domain name.
InvalidParameter.ChannelId	Invalid <code>ChannelId</code> .

HarvestJob Management APIs

CreateStreamPackageHarvestJob

Last updated : 2024-11-18 19:24:49

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Create HarvestJob.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: CreateStreamPackageHarvestJob.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
ID	Yes	String	HarvestJob ID, a globally unique identifier.
ChannelName	Yes	String	The associated channel name.
EndpointName	Yes	String	The associated endpoint name.
TimeFormat	Yes	String	Time format, supports the following types: 1. Epoch seconds 2. ISO-8601

StartTime	Yes	String	Task start time supports two formats for TimeFormat input: 1. Epoch seconds: The input box is a numeric input box, and only positive integers can be entered. 2. ISO-8601: The supported format is ISO time, for example: 2023-08-01T10:00:00+08:00.
EndTime	Yes	String	Task end time supports two formats for TimeFormat input: 1. Epoch seconds: The input box is a numeric input box, and only positive integers can be entered. 2. ISO-8601: The supported format is ISO time, for example: 2023-08-01T10:00:00+08:00.
Destination	No	String	The path where the recording file is stored in Cos.
Manifest	No	String	The file name of the recording file stored in Cos.

3. Output Parameters

Parameter Name	Type	Description
Info	HarvestJobResp	HarvestJob information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Example1 Sample request

Create HarvestJob.

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateStreamPackageHarvestJob
<Common request parameters>

{
  "ID": "your HarvestJob ID",
  "ChannelName": "your package channel name that have startover turned on",
```

```
"EndpointName": "your endpoint name",
"TimeFormat": "ISO-8601",
"StartTime": "2023-11-22T14:38:30+08:00",
"EndTime": "2023-11-22T14:38:30+08:00",
"Destination": "https://bucket-appid.cos.ap-mumbai.myqcloud.com/",
"Manifest": "main.m3u8"
}
```

Output Example

```
{
  "Response": {
    "Info": {
      "ID": "your HarvestJob ID",
      "ChannelName": "your package channel name",
      "EndpointName": "your endpoint name",
      "TimeFormat": "ISO-8601",
      "StartTime": "2023-11-22T14:38:30+08:00",
      "EndTime": "2023-11-22T14:38:30+08:00",
      "Destination": "https://bucket-appid.cos.ap-mumbai.myqcloud.com/",
      "Manifest": "main.m3u8"
    },
    "RequestId": "reqid"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.CacheInfo	Invalid <code>CacheInfo</code> value
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Name	Invalid name.
InvalidParameter.OutputGroups	
InvalidParameter.Protocol	Invalid protocol.

DeleteStreamPackageHarvestJob

Last updated : 2024-11-18 19:24:45

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Delete HarvestJob.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DeleteStreamPackageHarvestJob.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
ID	Yes	String	HarvestJob ID, a globally unique identifier.

3. Output Parameters

Parameter Name	Type	Description

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.
-----------	--------	---

4. Example

Example1 Example1 Sample request

Delete HarvestJob.

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteStreamPackageHarvestJobs
<Common request parameters>

{
  "ID": "your HarvestJob ID"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "abc"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)

- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.CacheInfo	Invalid <code>CacheInfo</code> value
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Name	Invalid name.
InvalidParameter.Protocol	Invalid protocol.

DeleteStreamPackageHarvestJobs

Last updated : 2024-11-18 19:24:44

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Deleting HarvestJobs in Batch.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DeleteStreamPackageHarvestJobs.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
IDs.N	Yes	Array of String	HarvestJob IDs, id is a globally unique identifier.

3. Output Parameters

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

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.
-----------	--------	---

4. Example

Example1 Example1 Sample request

Deleting HarvestJobs in Batch.

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteStreamPackageHarvestJobs
<Common request parameters>

{
  "IDs": [
    "your HarvestJob IDs"
  ]
}
```

Output Example

```
{
  "Response": {
    "RequestId": "abc"
  }
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)

- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.CacheInfo	Invalid <code>CacheInfo</code> value
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Name	Invalid name.
InvalidParameter.Protocol	Invalid protocol.

DescribeStreamPackageHarvestJob

Last updated : 2024-11-18 19:24:40

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Query HarvestJob.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageHarvestJob.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
ID	Yes	String	HarvestJob ID, a globally unique identifier.

3. Output Parameters

Parameter Name	Type	Description

Info	HarvestJobResp	HarvestJob information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Example1 Sample request

Query HarvestJob.

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeStreamPackageHarvestJob
<Common request parameters>

{
  "ID": "your HarvestJob ID"
}
```

Output Example

```
{
  "Response": {
    "Info": {
      "ID": "abc",
      "ChannelName": "abc",
      "EndpointName": "abc",
      "TimeFormat": "ISO-8601",
      "StartTime": "2023-11-22T14:38:30+08:00",
      "EndTime": "2023-11-22T14:38:30+08:00",
      "Destination": "abc",
      "Manifest": "abc"
    },
    "RequestId": "abc"
  }
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalServerError	Internal error.
InvalidParameter.CacheInfo	Invalid <code>CacheInfo</code> value
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Name	Invalid name.
InvalidParameter.Protocol	Invalid protocol.

DescribeStreamPackageHarvestJobs

Last updated : 2024-11-18 19:24:39

1. API Description

Domain name for API request: mdp.intl.tencentcloudapi.com.

Batch query HarvestJob.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params . The value used for this API: DescribeStreamPackageHarvestJobs.
Version	Yes	String	Common Params . The value used for this API: 2020-05-27.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product.
ChannelName	No	String	The bound channel name. If not passed, all channels will be queried by default.
PageNum	No	Integer	Page number.
PageSize	No	Integer	PageSize.

3. Output Parameters

Parameter Name	Type	Description
Infos	Array of HarvestJobResp	HarvestJob information list.
PageNum	Integer	Page number.
PageSize	Integer	PageSize
TotalNum	Integer	TotalNum
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Example1 Sample request

Batch query HarvestJob.

Input Example

```
POST / HTTP/1.1
Host: mdp.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeStreamPackageHarvestJobs
<Common request parameters>

{}
```

Output Example

```
{
  "Response": {
    "Infos": [
      {
        "ID": "abc",
        "ChannelName": "abc",
        "EndpointName": "abc",
        "TimeFormat": "ISO-8601",
        "StartTime": "2023-11-22T14:38:30+08:00",
        "EndTime": "2023-11-22T14:38:30+08:00",

```

```
"Destination": "abc",
"Manifest": "abc"
},
"RequestId": "abc"
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

Command Line Interface

- [Tencent Cloud CLI 3.0](#)

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

Error Code	Description
InternalError	Internal error.
InvalidParameter.CacheInfo	Invalid <code>CacheInfo</code> value
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Name	Invalid name.

InvalidParameter.Protocol	Invalid protocol.
---------------------------	-------------------

Data Types

Last updated : 2025-04-16 10:22:46

AdBreakInfo

AdBreakInfo.

Used by actions: CreateStreamPackageLinearAssemblyProgram, DescribeStreamPackageLinearAssemblyProgram, DescribeStreamPackageLinearAssemblyProgramSchedules, DescribeStreamPackageLinearAssemblyPrograms, ModifyStreamPackageLinearAssemblyProgram.

Name	Type	Required	Description
SourceLocationId	String	No	SourceLocationId.
VodSourceName	String	No	VodSourceName.
Offset	Integer	No	Offset.
MessageType	String	No	MessageType, divided into SpliceInsert and TimeSignal.
TimeSignalConf	TimeSignalInfo	No	TimeSignalConf.
SpliceInsertConf	SpliceInsertInfo	No	SpliceInsertConf.
Metadatas	Array of Metadata	No	Metadatas.
SourceLocationName	String	No	SourceLocationName.

AliasValueConf

Alias-value configuration information.

Used by actions: CreateStreamPackageSSAChannel, ModifyStreamPackageChannelEndpoint, ModifyStreamPackageSSAChannel.

Name	Type	Required	Description
Alias	String	No	Alias.

Value	String	No	Value.
-------	--------	----	--------

CacheInfo

Cache configuration

Used by actions: CreateStreamPackageChannel, DeleteStreamPackageChannels, DescribeStreamPackageChannel, DescribeStreamPackageChannels, ModifyStreamPackageChannel.

Name	Type	Required	Description
Info	Array of CacheInfoInfo	No	List of timeout parameter configuration Note: this field may return <code>null</code> , indicating that no valid value was found.

CacheInfoInfo

Timeout information for cache configuration

Used by actions: CreateStreamPackageChannel, DeleteStreamPackageChannels, DescribeStreamPackageChannel, DescribeStreamPackageChannels, ModifyStreamPackageChannel.

Name	Type	Required	Description
Timeout	Integer	Yes	Timeout period (ms), which must be an integer multiple of 1000 .m3u8/.mpd: [1000, 60000] .ts/.m4s/.mp4: [10000, 1800000]
Ext	String	No	File extension. Valid values: .m3u8, .ts, .mpd, .m4s, .mp4 Note: this field may return <code>null</code> , indicating that no valid value was found.

CdnDomainInfo

Used by actions: DescribeLinearAssemblyCDNDomainWithChannel, DescribeLinearAssemblyCDNDomainWithChannels.

Name	Type	Description
TotalSize	Integer	

Records	Array of DomainRecordInfo	
---------	---	--

ChannelAlertResp

Linear assembly channel alarm return information.

Used by actions: DescribeStreamPackageLinearAssemblyChannelAlerts.

Name	Type	Description
ProgramAlertCounts	Array of ProgramAlertCounts	Program alarm aggregation information.
ProgramAlertInfos	Array of ProgramAlertInfos	Program alarm details.

ChannelInfo

Channel information.

Used by actions: CreateStreamPackageChannel, DeleteStreamPackageChannels, DescribeStreamPackageChannel, DescribeStreamPackageChannels.

Name	Type	Description
Id	String	Channel ID.
Name	String	Channel name.
Protocol	String	Channel protocol.
Points	PointInfo	Channel input and output.
CacheInfo	CacheInfo	Cache configuration Note: this field may return <code>null</code> , indicating that no valid value was found.

ClipRangeInfo

Spacer configuration.

Used by actions: CreateStreamPackageLinearAssemblyProgram, DescribeStreamPackageLinearAssemblyProgram, DescribeStreamPackageLinearAssemblyProgramSchedules, DescribeStreamPackageLinearAssemblyPrograms, ModifyStreamPackageLinearAssemblyProgram.

Name	Type	Required	Description
Type	String	No	The vod type is valid, the content is valid starting time, Entire and SpecifyTimeRange are optional.
Offset	Integer	No	Offset, valid when Type is SpecifyTimeRange.

ConfigAliasesInfo

Parameter configuration.

Used by actions: CreateStreamPackageSSAChannel, ModifyStreamPackageChannelEndpoint, ModifyStreamPackageSSAChannel.

Name	Type	Required	Description
ParamName	String	No	parameter name.
AliasValueList	Array of AliasValueConf	No	Alias-value configuration.

DRMInfo

DRM configure info.

Used by actions: CreateStreamPackageChannelEndpoint.

Name	Type	Required	Description
EncryptionMethod	String	No	Encryption method, optional values: <code>CBCS</code> , <code>CENC</code> .
DRMSystems	Array of String	No	DRM system providers, when the encryption method is CBCS, the optional values are <code>PlayReady</code> , <code>Widevine</code> , <code>FairPlay</code> ; when the encryption method is CENC, the optional values are <code>PlayReady</code> , <code>Widevine</code> .
ResourceID	String	No	The resource ID sent to the key server. It can contain 1 to 128 characters, including numbers, letters, underscores (<code>_</code>), and hyphens (<code>-</code>).
KeyServerUrl	String	No	Key server address; must start with <code>https://</code> .
VideoEncryptionPreset	String	No	Video encryption presets, options:

			<code>Preset Video 1</code> - Encrypts all video tracks with one key <code>Preset Video 2</code> - Encrypts SD and HD video tracks with 2 different keys <code>Preset Video 3</code> - Encrypts SD, HD and UHD video tracks with 3 different keys <code>Preset Video 4</code> - Encrypts SD, HD, UHD1 and UHD2 video tracks with 4 different keys <code>Preset Video 5</code> - Encrypts SD, HD1, HD2, UHD1 and UHD2 video tracks with 5 different keys <code>Preset Video 6</code> - Encrypts SD, HD1, HD2, UHD video tracks with 4 different keys <code>Preset Video 7</code> - Encrypts SD + HD1, HD2, UHD video tracks with 3 different keys <code>Preset Video 8</code> - Encrypts SD + HD1, HD2, UHD1, UHD2 video tracks with 4 different keys <code>Shared</code> - Encrypts all video and audio tracks with one key <code>Unencrypted</code> - Does not encrypt any track
AudioEncryptionPreset	String	No	Audio encryption presets, options: <code>Preset Audio 1</code> - Encrypts all audio tracks with one key <code>Preset Audio 2</code> - Encrypts STEREO and MULTICHANNEL audio tracks with 2 different keys <code>Preset Audio 3</code> - Encrypts STEREO, MULTICHANNEL 3-6 and MULTICHANNEL 7 audio tracks with 3 different keys <code>Shared</code> - Encrypts all video and audio tracks with one key <code>Unencrypted</code> - Does not encrypt any track
ConstantInitializationVector	String	No	Optional, used together with the key to encrypt the content; a 128-bit, 32-character, hexadecimal-encoded string.
KeyRotationInterval	Integer	No	Optional, specifies the rotation interval in seconds; empty, or an integer between 300-2592000.

DashManifestInfo

The manifest info used when Type is DASH.

Used by actions: CreateStreamPackageLinearAssemblyChannel, ModifyStreamPackageLinearAssemblyChannel.

Name	Type	Required	Description
Windows	Integer	No	The total duration of each manifest in seconds. [30, 3600], type: integer, default value 60.
MinBufferTime	Integer	No	The minimum cache time (in seconds) that the player keeps in the buffer. [2, 60], type: integer, default value 30.
MinUpdatePeriod	Integer	No	The minimum time (in seconds) that the player should wait before requesting an update to the manifest. [2, 60], type: integer, default value 2.
SuggestedPresentationDelay	Integer	No	The time from the latest live broadcast time point when the player starts broadcasting is a rollback amount (in seconds). [2, 60], type: integer, default value 10.

DomainRecordInfo

Used by actions: DescribeLinearAssemblyCDNDomainWithChannel, DescribeLinearAssemblyCDNDomainWithChannels.

Name	Type	Description
CdnDomain	String	
Region	String	
ChannelId	String	
Id	String	

EndpointAuthInfo

The authentication information of channel endpoints.

Used by actions: CreateStreamPackageChannelEndpoint, ModifyStreamPackageChannelEndpoint.

Name	Type	Required	Description

Whitelist	Array of String	No	The security group allowlist in CIDR format. Note: this field may return null, indicating that no valid values can be obtained.
Blacklist	Array of String	No	The security group blocklist in CIDR format. Note: this field may return null, indicating that no valid values can be obtained.
AuthKey	String	No	The authentication key. Its value is same as <code>X-TENCENT-PACKAGE</code> set in the HTTP request header. Note: this field may return null, indicating that no valid values can be obtained.

EndpointInfo

Channel endpoint information.

Used by actions: CreateStreamPackageChannel, CreateStreamPackageChannelEndpoint, DeleteStreamPackageChannels, DescribeStreamPackageChannel, DescribeStreamPackageChannels.

Name	Type	Description
Name	String	Endpoint name.
Url	String	Endpoint URL.
AuthInfo	EndpointAuthInfo	Endpoint authentication information.
Protocol	String	Endpoint protocol, supports <code>HLS</code> , <code>CMAF</code> , <code>CMAF-HLS</code> .
Manifest	String	Manifest name, default is main.
TimeShiftEnable	Boolean	Whether to turn on the time shift function, true: on, false: off, the default is off.
TimeShiftDuration	Integer	The number of days in the time shift window, up to 30 days. Valid when TimeShiftEnable is turned on.
SSAIEnable	Boolean	Advertising insertion function switch.
SSAIInfo	SSAIConf	Ad insertion function configuration information.
CustomUrlParamIndex	Integer	The customer-defined url parameter is inserted into the subscript at the specified position of the Endpoint url. The optional range of the subscript is: [0,3].

CustomUrlParam	String	Customer-defined url parameters are inserted into the specified position of the Endpoint url based on the CustomUrlParamIndex. The parameters can only contain digits, letters, underscores (_), and hyphens (-), with a length of 1 to 64 chars.
DRMEnabled	Boolean	DRM switch. If it is turned on, only CMAF will take effect.
DRMInfo	DRMInfo	DRM configuration information.

HarvestJobResp

HarvestJob response info.

Used by actions: CreateStreamPackageHarvestJob, DescribeStreamPackageHarvestJob, DescribeStreamPackageHarvestJobs.

Name	Type	Description
ID	String	HarvestJob ID, a globally unique identifier.
ChannelName	String	The associated channel name.
EndpointName	String	The associated endpoint name.
TimeFormat	String	Time format, supports the following types: 1. Epoch seconds 2. ISO-8601
StartTime	String	HarvestJob start time.
EndTime	String	HarvestJob end time.
Destination	String	The path where the recording file is stored in COS.
Manifest	String	The file name of the recording file stored in COS.
Status	String	The task status is divided into running: Running, execution completed: Completed, and execution failure: Failed.
ErrMsg	String	HarvestJob error message.
CreateTime	Integer	HarvestJob creation time, timestamp in seconds.
ChannelId	String	The associated ChannelID.
Region	String	The region corresponding to the harvest job.

InputAuthInfo

Channel input authentication information.

Used by actions: CreateStreamPackageChannel, DeleteStreamPackageChannels, DescribeStreamPackageChannel, DescribeStreamPackageChannels, ModifyStreamPackageChannelInputAuthInfo.

Name	Type	Description
Username	String	Username. Note: this field may return null, indicating that no valid values can be obtained.
Password	String	Password. Note: this field may return null, indicating that no valid values can be obtained.

InputInfo

Channel input.

Used by actions: CreateStreamPackageChannel, DeleteStreamPackageChannels, DescribeStreamPackageChannel, DescribeStreamPackageChannels.

Name	Type	Description
Url	String	Channel input URL. Note: this field may return null, indicating that no valid values can be obtained.
AuthInfo	InputAuthInfo	Channel input authentication information.

LinearAssemblyChannelInfo

Linearly assembled channel information.

Used by actions: CreateStreamPackageLinearAssemblyChannel, DescribeStreamPackageLinearAssemblyChannel, DescribeStreamPackageLinearAssemblyChannels.

Name	Type	Required	Description
Name	String	No	Linear assembly channel name.
Tier	String	No	Define the characteristics of the channel. Standard supports live broadcast and on-

			demand sources, while Basic only supports on-demand source arrangement.
PlaybackMode	String	No	The source switching mode in the channel is divided into Linear and Loop. Live broadcast only supports Linear.
TimeShiftConf	TimeShiftInfo	No	Time shift configuration, vod is valid.
SlateConf	SlateInfo	No	Spacer configuration.
Outputs	Array of OutputInfo	No	output information.
AttachedPrograms	Array of String	No	List of programs bound to this channel.
ProgramSchedules	Array of ProgramScheduleInfo	No	program information.
Id	String	No	ID.
Region	String	No	Region.
State	String	No	State.
TimeShiftEnable	Boolean	No	Time shift on switch.
CreateTime	Integer	No	Channel creation time, unix seconds timestamp.

LinearAssemblyProgramInfo

Channel linear assembly program information.

Used by actions: [CreateStreamPackageLinearAssemblyProgram](#), [DescribeStreamPackageLinearAssemblyProgram](#), [DescribeStreamPackageLinearAssemblyProgramSchedules](#), [DescribeStreamPackageLinearAssemblyPrograms](#).

Name	Type	Required	Description
Name	String	No	Channel linear assembly program information.
SourceType	String	No	The type of the arrangement target source, divided into live broadcast and on-demand.
SourceLocationId	String	No	The associated source location id.
SourceId	String	No	SourceId, uniquely identifies a source.

SourceName	String	No	The associated live broadcast or on-demand broadcast, source name, and location are globally unique.
AttachedChannel	String	No	The bound channel.
PlaybackConf	PlaybackInfo	No	Play configuration.
AdBreaks	Array of AdBreakInfo	No	AdBreaks.
Id	String	No	ID.
Region	String	No	Region.
SourceLocationName	String	No	SourceLocation name.

LocationAlert

Channel Linear Assembly Location Alarm Information.

Used by actions: [DescribeStreamPackageSourceLocationAlerts](#).

Name	Type	Description
LocationId	String	Location ID.
Code	Integer	Alarm event code.
Category	String	Alarm classification.
Message	String	Alarm message.
LastModifiedTime	Integer	Update time.
LocationName	String	Location name.

ManifestInfo

Linear assembly channel configuration.

Used by actions: [CreateStreamPackageLinearAssemblyChannel](#), [ModifyStreamPackageLinearAssemblyChannel](#).

Name	Type	Required	Description
------	------	----------	-------------

Windows	Integer	No	Time window, in seconds.
AdMarkupType	String	No	Enter the format of the output advertising tag. Optional values are: Date Range and Enhanced SCTE-35.

Metadata

Metadata.

Used by actions: CreateStreamPackageLinearAssemblyProgram, DescribeStreamPackageLinearAssemblyProgram, DescribeStreamPackageLinearAssemblyProgramSchedules, DescribeStreamPackageLinearAssemblyPrograms, ModifyStreamPackageLinearAssemblyProgram.

Name	Type	Required	Description
Key	String	No	Key.
Value	String	No	Value.

NameServer

Custom server information.

Used by actions: CreateStreamPackageSourceLocation, ModifyStreamPackageSourceLocation.

Name	Type	Required	Description
Name	String	No	name.
Url	String	No	address.

OutputInfo

Channel linear assembly output information.

Used by actions: CreateStreamPackageLinearAssemblyChannel, DescribeStreamPackageLinearAssemblyChannel, DescribeStreamPackageLinearAssemblyChannels, ModifyStreamPackageLinearAssemblyChannel.

Name	Type	Required	Description
Type	String	No	HLS DASH.

GroupName	String	No	The output group name can be associated with the source group name.
ManifestName	String	No	The file name output by the channel program after scheduling.
ManifestConf	ManifestInfo	No	The manifest info, used when Type is HLS.
PlaybackURL	String	No	Playback address.
DashManifestConf	DashManifestInfo	No	The manifest info, used when Type is DASH.

OutputReq

Channel linear assembly output information.

Used by actions: CreateStreamPackageLinearAssemblyChannel.

Name	Type	Required	Description
Type	String	No	Output type, distinguish HLS DASH.
GroupName	String	No	The output group name can be associated with the source group name.
ManifestName	String	No	The file name output by the channel program after scheduling.
ManifestConf	ManifestInfo	No	The manifest info, used when Type is HLS.
DashManifestConf	DashManifestInfo	No	The manifest info, used when Type is DASH.

PlaybackInfo

program playback configuration.

Used by actions: CreateStreamPackageLinearAssemblyProgram, DescribeStreamPackageLinearAssemblyProgram, DescribeStreamPackageLinearAssemblyProgramSchedules, DescribeStreamPackageLinearAssemblyPrograms.

Name	Type	Required	Description
Duration	Integer	No	Program duration, in milliseconds, valid for live broadcast.

TransitionType	String	No	Program startup method, live broadcast only supports Absolute, on-demand also supports Relative.
StartTime	Integer	No	Unix timestamp, the start execution time of the program in the Absolute scenario.
RelativePosition	String	No	It is related to the insertion order of the selected program, divided into After and Before.
RelativeProgramId	String	No	The selected insertion reference program id.
ClipRangeConf	ClipRangeInfo	No	Spacer configuration.
RelativeProgramName	String	No	RelativeProgramName.

PlaybackInfoReq

program playback configuration request.

Used by actions: CreateStreamPackageLinearAssemblyProgram, ModifyStreamPackageLinearAssemblyProgram.

Name	Type	Required	Description
TransitionType	String	No	Program startup method, live broadcast only supports Absolute, on-demand also supports Relative. Optional values: Absolute, Relative.
StartTime	Integer	No	Unix timestamp, the start execution time of the program in absolute scenarios.
Duration	Integer	No	Program duration, in milliseconds, valid for live broadcast.
RelativePosition	String	No	It is related to the insertion order of the selected program, divided into After and Before.
RelativeProgramId	String	No	The selected insertion reference program id.
ClipRangeConf	ClipRangeInfo	No	Spacer configuration.

PointInfo

Channel input and output.

Used by actions: CreateStreamPackageChannel, DeleteStreamPackageChannels, DescribeStreamPackageChannel, DescribeStreamPackageChannels.

Name	Type	Description
Inputs	Array of InputInfo	Channel input list.
Endpoints	Array of EndpointInfo	Channel output list. Note: this field may return null, indicating that no valid values can be obtained.

ProgramAlertCounts

Channel Linear Assembly Program Aggregation Alarm Information

Used by actions: DescribeStreamPackageLinearAssemblyChannelAlerts.

Name	Type	Description
ProgramId	String	Program ID.
ProgramName	String	Program name.
Category	String	Alarm classification.
Count	Integer	The number of occurrences
LastModifiedTime	Integer	Update time.

ProgramAlertInfos

Channel linear assembly program alarm information details.

Used by actions: DescribeStreamPackageLinearAssemblyChannelAlerts.

Name	Type	Description
ChannelId	String	Channel ID.
ChannelName	String	Channel name.
ProgramId	String	ProgramID.

ProgramName	String	ProgramName.
Code	Integer	Alarm event code.
Category	String	Alarm classification.
Message	String	Alarm message.
LastModifiedTime	Integer	Update time.

ProgramScheduleInfo

The scheduling information of the Program under this channel.

Used by actions: CreateStreamPackageLinearAssemblyChannel, DescribeStreamPackageLinearAssemblyChannel, DescribeStreamPackageLinearAssemblyChannels.

Name	Type	Required	Description
ProgramName	String	No	program name.
ProgramId	String	No	program id.
SourceType	String	No	source type.
SourceId	String	No	source id.
SourceLocationId	String	No	The id of the source location.
StartTime	Integer	No	Start timestamp.
Duration	String	No	Duration.

SSAIChannelInfo

Used by actions: CreateStreamPackageSSAIChannel, DescribeStreamPackageSSAIChannel, DescribeStreamPackageSSAIChannels.

Name	Type	Required	Description
ID	String	No	SSAI configuration ID, globally unique identifier
Name	String	No	Configuration name

ContentSource	String	No	Content source stream prefix
PlaybackPrefix	String	No	Generated playback address prefix
SSAIInfo	SSAIConf	No	SSAI configuration info
Region	String	No	Region info

SSAIConf

SSAI ad insertion configuration.

Used by actions: `CreateStreamPackageChannelEndpoint`, `CreateStreamPackageSSAIChannel`, `DescribeStreamPackageSSAIChannel`, `DescribeStreamPackageSSAIChannels`, `ModifyStreamPackageChannelEndpoint`, `ModifyStreamPackageSSAIChannel`.

Name	Type	Required	Description
AdsUrl	String	No	Advertising Decision Server URL (ADS).
ConfigAliases	Array of ConfigAliasesInfo	No	Parameter configuration.
AdMarkerPassthrough	Boolean	No	Whether to enable transparent transmission of advertising tags.
SCTE35AdType	Integer	No	How to process tags in advertisements, optional values: [1,2] 1: Process all SCTE-35 type tags - all (default) 2: SCTE-35enhanced, parse some types.
SlateAd	String	No	Default advertising url.
Threshold	Integer	No	Maximum unfilled duration, unit: seconds.
DashMPDLocation	Boolean	No	Whether to enable mpd location, true corresponds to enable, false corresponds to disable.
AdTriggers	Array of Integer	No	The type of tag that is regarded as an advertisement, optional values: [1,8] 1. Splice insert 2. Provider advertisement 3. Distributor advertisement

			4. Provider placement opportunity 5. Distributor placement opportunity 6. Break 7. Provider overlay placement opportunity 8. Distributor overlay placement opportunity.
DeliveryRestrictions	Integer	No	The type of distribution restriction that is considered an advertisement, optional values: [1,4] 1:None 2:Restricted (default) 3:Unrestricted 4.Both.
SourceCDNPrefix	String	No	Source CDN prefix, needs to start with http:// or https://
AdCDNPrefix	String	No	Advertising CDN prefix needs to start with http:// or https://
PreRollAdsUrl	String	No	Pre-roll ad decision service address.
PreRollMaxAllowedDuration	Integer	No	The maximum allowed duration of pre-roll ads, (0, 3600].

SegmentDeliverInfo

SourceLocation shim configuration.

Used by actions: CreateStreamPackageSourceLocation, DescribeStreamPackageSourceLocation, DescribeStreamPackageSourceLocations, ModifyStreamPackageSourceLocation.

Name	Type	Required	Description
DefaultSegmentUrl	String	No	Default content source address.
NameServers	Array of NameServer	No	Custom server address.

SlateInfo

Channel linear assembly channel spacer configuration.

Used by actions: CreateStreamPackageLinearAssemblyChannel, DescribeStreamPackageLinearAssemblyChannel, DescribeStreamPackageLinearAssemblyChannels, ModifyStreamPackageLinearAssemblyChannel.

Name	Type	Required	Description
SourceLocationId	String	No	The ID of the source location.
VodSourceName	String	No	The corresponding vod shim content source name.

SourceAlert

Channel Linear Assembly Location Alarm Information

Used by actions: DescribeStreamPackageSourceAlerts.

Name	Type	Description
SourceId	String	Source ID.
SourceName	String	Source name.
Code	Integer	Alarm event code.
Category	String	Alarm classification.
Message	String	Alarm message.
LastModifiedTime	Integer	Update time.

SourceInfo

SourceInfo.

Used by actions: CreateStreamPackageSource, DescribeStreamPackageSource, DescribeStreamPackageSources.

Name	Type	Required	Description
Name	String	No	name.
Type	String	No	The source type distinguishes between live broadcast and on-demand Vod.
PackageConf	Array of SourcePackageConf	No	Source configuration.

Id	String	No	ID.
CreateTime	Integer	No	Create timestamp.
UpdateTime	Integer	No	Update timestamp.
Region	String	No	Region.

SourceLocationInfo

SourceLocation configuration information.

Used by actions: CreateStreamPackageSourceLocation, DescribeStreamPackageSourceLocation, DescribeStreamPackageSourceLocations.

Name	Type	Required	Description
Id	String	No	ID, unique identification.
Name	String	No	SourceLocation name.
Region	String	No	area.
BaseUrl	String	No	BaseUrl information.
SegmentDeliverEnable	Boolean	No	Whether to enable patching.
SegmentDeliverConf	SegmentDeliverInfo	No	Patch configuration.
AttachedLiveSources	Array of String	No	List of bound live broadcast source ids.
AttachedVodSources	Array of String	No	List of bound on-demand source ids.
CreateTime	Integer	No	Source location creation time, Unix timestamp.
UpdateTime	Integer	No	Source location last modified time, Unix timestamp.
SegmentDeliverUsePackageEnable	Boolean	No	Whether to enable package distribution sharding, it is enabled by default.

SourcePackageConf

Source file information.

Used by actions: CreateStreamPackageSource, DescribeStreamPackageSource, DescribeStreamPackageSources, ModifyStreamPackageSource.

Name	Type	Required	Description
GroupName	String	No	Group name. When the channel is in Linear mode and vod source is selected, the group name corresponds to the output group name of the channel output.
Type	String	No	Type, distinguish between HLS and DASH, optional values: HLS, DASH.
Path	String	No	access path.

SpliceInsertInfo

SpliceInsertInfo.

Used by actions: CreateStreamPackageLinearAssemblyProgram, DescribeStreamPackageLinearAssemblyProgram, DescribeStreamPackageLinearAssemblyProgramSchedules, DescribeStreamPackageLinearAssemblyPrograms, ModifyStreamPackageLinearAssemblyProgram.

Name	Type	Required	Description
EventID	String	No	EventID.
AvailNum	String	No	AvailNum.
AvailExpected	String	No	AvailExpected.
ProgramID	String	No	ProgramID.

TimeShiftInfo

Linearly assembled channel time-shift configuration information.

Used by actions: CreateStreamPackageLinearAssemblyChannel, DescribeStreamPackageLinearAssemblyChannel, DescribeStreamPackageLinearAssemblyChannels, ModifyStreamPackageLinearAssemblyChannel.

Name	Type	Required	Description
TimeWindows	Integer	No	Lookback window, in seconds.

TimeSignalInfo

TimeSignalInfo.

Used by actions: CreateStreamPackageLinearAssemblyProgram, DescribeStreamPackageLinearAssemblyProgram, DescribeStreamPackageLinearAssemblyProgramSchedules, DescribeStreamPackageLinearAssemblyPrograms, ModifyStreamPackageLinearAssemblyProgram.

Name	Type	Required	Description
EventID	String	No	EventID.
UPIDType	String	No	UPIDType.
UPID	String	No	UPID.
TypeID	String	No	TypeID.
Num	String	No	Num.
Expected	String	No	Expected.
SubsegmentNum	String	No	SubsegmentNum.
SubsegmentsExpected	String	No	SubsegmentsExpected.

Error Codes

Last updated : 2025-02-12 16:05:26

Feature Description

If there is an Error field in the response, it means that the API call failed. For example:

```
{
  "Response": {
    "Error": {
      "Code": "AuthFailure.SignatureFailure",
      "Message": "The provided credentials could not be validated. Please check your signature is correct."
    },
    "RequestId": "ed93f3cb-f35e-473f-b9f3-0d451b8b79c6"
  }
}
```

Code in Error indicates the error code, and Message indicates the specific information of the error.

Error Code List

Common Error Codes

Error Code	Description
ActionOffline	This API has been deprecated.
AuthFailure.InvalidAuthorization	Authorization in the request header is invalid.
AuthFailure.InvalidSecretId	Invalid key (not a TencentCloud API key type).
AuthFailure.MFAFailure	MFA failed.
AuthFailure.SecretIdNotFound	Key does not exist. Check if the key has been deleted or disabled in the console, and if not, check if the key is correctly entered. Note that whitespaces should not exist before or after the key.
AuthFailure.SignatureExpire	Signature expired. Timestamp and server time cannot differ by more than five minutes. Please

	ensure your current local time matches the standard time.
AuthFailure.SignatureFailure	Invalid signature. Signature calculation error. Please ensure you've followed the signature calculation process described in the Signature API documentation.
AuthFailure.TokenFailure	Token error.
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information, see the CAM documentation.
DryRunOperation	DryRun Operation. It means that the request would have succeeded, but the DryRun parameter was used.
FailedOperation	Operation failed.
InternalServerError	Internal error.
InvalidAction	The API does not exist.
InvalidParameter	Incorrect parameter.
InvalidParameterValue	Invalid parameter value.
InvalidRequest	The multipart format of the request body is incorrect.
IpInBlacklist	Your IP is in uin IP blacklist.
IpNotInWhitelist	Your IP is not in uin IP whitelist.
LimitExceeded	Quota limit exceeded.
MissingParameter	A parameter is missing.
NoSuchProduct	The product does not exist.
NoSuchVersion	The API version does not exist.
RequestLimitExceeded	The number of requests exceeds the frequency limit.
RequestLimitExceeded.GlobalRegionUinLimitExceeded	Uin exceeds the frequency limit.
RequestLimitExceeded.IPLimitExceeded	The number of ip requests exceeds the frequency limit.
RequestLimitExceeded.UinLimitExceeded	The number of uin requests exceeds the frequency

	limit.
RequestSizeLimitExceeded	The request size exceeds the upper limit.
ResourceInUse	Resource is in use.
ResourceInsufficient	Insufficient resource.
ResourceNotFound	The resource does not exist.
ResourceUnavailable	Resource is unavailable.
ResponseSizeLimitExceeded	The response size exceeds the upper limit.
ServiceUnavailable	Service is unavailable now.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.
UnsupportedProtocol	HTTP(S) request protocol error; only GET and POST requests are supported.
UnsupportedRegion	API does not support the requested region.

Service Error Codes

Error Code	Description
InvalidParameter.ActionType	Invalid <code>ActionType</code> .
InvalidParameter.AuthInfo	Incorrect authentication configuration.
InvalidParameter.CacheInfo	Invalid <code>CacheInfo</code> value
InvalidParameter.CdnDomain	Invalid CDN playback domain name.
InvalidParameter.ChannelId	Invalid <code>ChannelId</code> .
InvalidParameter.ExceededQuantityLimit	The quantity exceeds the limit.
InvalidParameter.Id	Invalid <code>Id</code> .
InvalidParameter.LvbDomain	Invalid <code>LvbDomain</code> .
InvalidParameter.Name	Invalid name.

InvalidParameter.NotFound	Failed to find the channel/input/output.
InvalidParameter.OutputGroups	
InvalidParameter.PageNum	Invalid <code>PageNum</code> .
InvalidParameter.PageSize	Invalid <code>PageSize</code> .
InvalidParameter.Points	Invalid <code>Points</code> value
InvalidParameter.Protocol	Invalid protocol.
InvalidParameter.SSAInfo	Invalid ad insertion configuration parameters.
InvalidParameter.Url	Invalid <code>Url</code> .