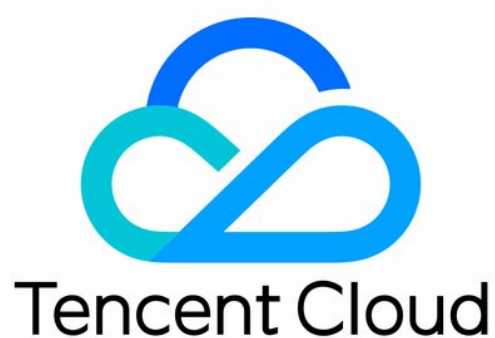


Cloud Streaming Services

API ドキュメン

製品ドキュメント



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APIドキュメン History

最終更新日：：2023-09-20 11:50:54

Release 35

Release time: 2023-09-20 11:38:24

Release updates:

Improvement to existing documentation.

New APIs:

- [RestartLivePullStreamTask](#)

Release 34

Release time: 2023-09-20 10:28:23

Release updates:

Improvement to existing documentation.

Modified data structures:

- [PullStreamTaskInfo](#)
 - New members:RecordTemplateId, BackupToUrl

Release 33

Release time: 2023-07-25 15:54:49

Release updates:

Improvement to existing documentation.

New APIs:

- [DescribeRecordTask](#)

New data structures:

- [RecordTask](#)

Release 32

Release time: 2023-05-15 11:50:28

Release updates:

Improvement to existing documentation.

New APIs:

- [DescribeBillBandwidthAndFluxList](#)

New data structures:

- [BillDataInfo](#)

Release 31

Release time: 2023-04-28 10:49:30

Release updates:

Improvement to existing documentation.

New APIs:

- [CreateScreenshotTask](#)

Modified data structures:

- [CallbackTemplateInfo](#)
 - New members:AudioAuditNotifyUrl

Release 30

Release time: 2023-02-21 16:13:45

Release updates:

Improvement to existing documentation.

New APIs:

- [CreateLiveTimeShiftRule](#)
- [CreateLiveTimeShiftTemplate](#)
- [DeleteLiveTimeShiftRule](#)
- [DeleteLiveTimeShiftTemplate](#)
- [DescribeLiveTimeShiftRules](#)
- [DescribeLiveTimeShiftTemplates](#)
- [DescribeTimeShiftRecordDetail](#)
- [DescribeTimeShiftStreamList](#)
- [ModifyLiveTimeShiftTemplate](#)

New data structures:

- [TimeShiftRecord](#)
- [TimeShiftStreamInfo](#)
- [TimeShiftTemplate](#)

Release 29

Release time: 2023-01-17 17:37:46

Release updates:

Improvement to existing documentation.

Modified data structures:

- [CallBackRuleInfo](#)
 - **Modified members:** CreateTime, UpdateTime, TemplateId, DomainName, AppName
- [CertInfo](#)
 - **Modified members:** CertId, CertName, Description, CreateTime, HttpsCert, CertType, CertExpireTime, DomainList
- [DomainCertInfo](#)
 - **Modified members:** CertId, CertName, Description, CreateTime, HttpsCert, CertType, CertExpireTime, DomainName, Status, CertDomains, CloudCertId
- [DomainInfo](#)
 - **Modified members:** Name, Type, Status, CreateTime, BCName, TargetDomain, PlayType, IsDelayLive, CurrentCName, RentTag, RentExpireTime, IsMiniProgramLive

- [ForbidStreamInfo](#)
 - **Modified members:** StreamName, CreateTime, ExpireTime, AppName, DomainName
- [LiveDomainCertBindings](#)
 - **Modified members:** DomainName, CertificateAlias, CertType, Status, CertExpireTime, CertId, CloudCertId, UpdateTime
- [RuleInfo](#)
 - **Modified members:** CreateTime, UpdateTime, TemplateId, DomainName, AppName, StreamName
- [WatermarkInfo](#)
 - **Modified members:** WatermarkId, PictureUrl, XPosition, YPosition, WatermarkName, Status, CreateTime, Width, Height

Release 28

Release time: 2023-01-03 15:23:15

Release updates:

Improvement to existing documentation.

New APIs:

- [DescribeAllStreamPlayInfoList](#)
- [DescribeStreamPushInfoList](#)

Modified APIs:

- [CreateLiveCallbackTemplate](#)
 - New input parameters:PushExceptionNotifyUrl
- [ModifyLiveCallbackTemplate](#)
 - New input parameters:PushExceptionNotifyUrl

New data structures:

- [MonitorStreamPlayInfo](#)
- [PushQualityData](#)

Modified data structures:

- [CallBackTemplateInfo](#)
 - New members:PushExceptionNotifyUrl

Release 27

Release time: 2022-11-16 17:08:10

Release updates:

Improvement to existing documentation.

Modified APIs:

- [CreateLivePullStreamTask](#)
 - New input parameters:VodLocalMode
- [ModifyLivePullStreamTask](#)
 - New input parameters:VodLocalMode

Modified data structures:

- [PullStreamTaskInfo](#)
 - New members:VodLocalMode

Release 26

Release time: 2022-11-08 11:19:20

Release updates:

Improvement to existing documentation.

New APIs:

- [DropLiveStream](#)

Modified data structures:

- [TranscodeDetailInfo](#)
 - New members:MainlandOrOversea

Release 25

Release time: 2022-10-08 11:02:57

Release updates:

Improvement to existing documentation.

New APIs:

- [AuthenticateDomainOwner](#)
- [DescribeTranscodeTaskNum](#)

Modified APIs:

- [AddLiveDomain](#)
 - New input parameters: VerifyOwnerType
- [ModifyLiveSnapshotTemplate](#)
 - **Modified input parameters:** CosAppId, CosBucket, CosRegion

New data structures:

- [TranscodeTaskNum](#)

Release 24

Release time: 2022-08-31 10:17:40

Release updates:

Improvement to existing documentation.

Modified APIs:

- [ModifyLivePullStreamTask](#)
 - New input parameters: WatermarkList

Modified data structures:

- [PullPushWatermarkInfo](#)
 - New members: Location
 - **Deleted members:** WatermarkId, WatermarkName, Status, CreateTime
- [PullStreamTaskInfo](#)
 - New members: BackupSourceType, BackupSourceUrl, WatermarkList

Release 23

Release time: 2022-08-23 14:24:31

Release updates:

Improvement to existing documentation.

New APIs:

- [DescribeLiveDomainCertBindings](#)
- [ModifyLiveDomainCertBindings](#)

Deleted APIs:

- BindLiveDomainCert
- CreateLiveCert
- DeleteLiveCert
- ModifyLiveCert
- ModifyLiveDomainCert

Modified APIs:

- [CreateLivePullStreamTask](#)
 - New input parameters:WatermarkList
- [DescribeLiveDomains](#)
 - New output parameters:PlayTypeCount

New data structures:

- [BatchDomainOperateErrors](#)
- [LiveCertDomainInfo](#)
- [LiveDomainCertBindings](#)
- [PullPushWatermarkInfo](#)

Modified data structures:

- [ForbidStreamInfo](#)
 - New members:AppName, DomainName

Release 22

Release time: 2022-07-06 14:59:45

Release updates:

Improvement to existing documentation.

New APIs:

- [CreateLivePullStreamTask](#)
- [DeleteLivePullStreamTask](#)
- [DescribeLivePullStreamTasks](#)
- [ModifyLivePullStreamTask](#)

New data structures:

- [PullStreamTaskInfo](#)
- [RecentPullInfo](#)

Release 21

Release time: 2022-06-30 15:37:50

Release updates:

Improvement to existing documentation.

Modified APIs:

- [CreateLiveTranscodeTemplate](#)
 - New input parameters:DRMType, DRMTracks
- [ModifyLiveTranscodeTemplate](#)
 - New input parameters:DRMType, DRMTracks

Modified data structures:

- [TemplateInfo](#)
 - New members:DRMType, DRMTracks

Release 20

Release time: 2022-06-24 15:41:09

Release updates:

Improvement to existing documentation.

New APIs:

- [DescribeLiveTimeShiftBillInfoList](#)

New data structures:

- [TimeShiftBillData](#)

Release 19

Release time: 2022-06-15 16:16:30

Release updates:

Improvement to existing documentation.

Deleted APIs:

- DescribeAllStreamPlayInfoList
- DescribeAreaBillBandwidthAndFluxList
- DescribeLiveDomainPlayInfoList
- DescribeProlspPlaySumInfoList
- DropLiveStream

Modified APIs:

- [CreateLiveRecordTemplate](#)
 - New input parameters: FlvSpecialParam
- [ModifyLiveRecordTemplate](#)
 - New input parameters: FlvSpecialParam

New data structures:

- [FlvSpecialParam](#)

Deleted data structures:

- BillAreaInfo
- BillCountryInfo
- BillDataInfo
- DomainDetailInfo
- DomainInfoList
- MonitorStreamPlayInfo
- ProlspPlaySumInfo

Modified data structures:

- [RecordTemplateInfo](#)
 - New members:FlvSpecialParam

Release 18

Release time: 2022-03-31 15:46:30

Release updates:

Improvement to existing documentation.

Deleted APIs:

- DescribeBillBandwidthAndFluxList
- DescribeStreamPushInfoList

Modified APIs:

- [CreateLiveRecordTemplate](#)
 - New input parameters:RemoveWatermark
- [ModifyLiveRecordTemplate](#)
 - New input parameters:RemoveWatermark

Deleted data structures:

- PushQualityData

Modified data structures:

- [RecordTemplateInfo](#)
 - New members:RemoveWatermark

Release 17

Release time: 2022-01-24 14:29:35

Release updates:

Improvement to existing documentation.

New APIs:

- [DescribeLiveTranscodeTotalInfo](#)

New data structures:

- [TranscodeTotalInfo](#)

Release 16

Release time: 2022-01-19 14:55:06

Release updates:

Improvement to existing documentation.

Modified APIs:

- [DescribeBillBandwidthAndFluxList](#)
 - New input parameters:RegionNames

Release 15

Release time: 2021-11-10 17:38:35

Release updates:

Improvement to existing documentation.

Modified APIs:

- [DescribeLiveDomains](#)
 - New input parameters:PlayType

Release 14

Release time: 2021-09-14 10:19:36

Release updates:

Improvement to existing documentation.

Modified APIs:

- [DescribeLiveDomains](#)
 - New output parameters:CreateLimitCount

Release 13

Release time: 2021-08-06 15:40:33

Release updates:

Improvement to existing documentation.

Modified APIs:

- [UnBindLiveDomainCert](#)
 - New input parameters:Type

Release 12

Release time: 2021-07-19 16:40:55

Release updates:

Improvement to existing documentation.

Modified data structures:

- [RecordParam](#)
 - New members:Procedure, StorageMode, ClassId

Release 11

Release time: 2021-06-04 11:41:54

Release updates:

Improvement to existing documentation.

New APIs:

- [DescribeLiveDomainReferer](#)
- [ModifyLiveDomainReferer](#)

New data structures:

- [RefererAuthConfig](#)

Release 10

Release time: 2021-05-12 19:12:07

Release updates:

Improvement to existing documentation.

Modified APIs:

- [DescribeAllStreamPlayInfoList](#)
 - New input parameters:PlayDomains
- [DescribeStreamDayPlayInfoList](#)
 - New input parameters:MainlandOrOversea, ServiceName

Release 9

Release time: 2021-05-10 14:50:39

Release updates:

Improvement to existing documentation.

Modified APIs:

- [DescribeLiveForbidStreamList](#)
 - New input parameters:StreamName

Modified data structures:

- [CommonMixControlParams](#)
 - New members:PassInputSei

Release 8

Release time: 2021-04-15 16:24:25

Release updates:

Improvement to existing documentation.

Modified data structures:

- [PushQualityData](#)

- New members:StreamParam

Release 7

Release time: 2021-02-03 17:31:24

Release updates:

Improvement to existing documentation.

Modified APIs:

- [DescribeStreamPlayInfoList](#)
 - New input parameters:ServiceName

Release 6

Release time: 2021-01-27 15:16:31

Release updates:

Improvement to existing documentation.

New APIs:

- [DescribeUploadStreamNums](#)

Modified APIs:

- [DescribeProvincelspPlayInfoList](#)
 - New input parameters:IpType

Release 5

Release time: 2021-01-07 19:36:46

Release updates:

Improvement to existing documentation.

Modified data structures:

- [DomainCertInfo](#)

- New members: CertDomains, CloudCertId

Release 4

Release time: 2020-10-16 18:30:51

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeAreaBillBandwidthAndFluxList

New data structures:

- BillAreaInfo
- BillCountryInfo

Modified data structures:

- [TemplateInfo](#)
 - New members: ShortEdgeAsHeight

Release 3

Release time: 2020-09-25 11:40:32

Release updates:

Improvement to existing documentation.

Modified APIs:

- [CreateLiveTranscodeTemplate](#)
 - New input parameters: ShortEdgeAsHeight
- [DescribeLiveTranscodeRules](#)
 - New input parameters: TemplateIds, DomainNames
- [ModifyLiveTranscodeTemplate](#)
 - New input parameters: ShortEdgeAsHeight

Release 2

Release time: 2020-08-06 19:42:55

Release updates:

Improvement to existing documentation.

New APIs:

- [DescribeDeliverBandwidthList](#)

New data structures:

- [BandwidthInfo](#)

Modified data structures:

- [CommonMixControlParams](#)
 - New members: AllowCopy

Existing Release

Release time: 2020-07-30 20:02:43

Existing APIs/data structures are as follows:

Improvement to existing documentation.

Existing APIs:

- [AddDelayLiveStream](#)
- [AddLiveDomain](#)
- [AddLiveWatermark](#)
- [BindLiveDomainCert](#)
- [CancelCommonMixStream](#)
- [CreateCommonMixStream](#)
- [CreateLiveCallbackRule](#)
- [CreateLiveCallbackTemplate](#)
- [CreateLiveCert](#)
- [CreateLiveRecord](#)
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- [CreateLiveRecordTemplate](#)

- [CreateLiveSnapshotRule](#)
- [CreateLiveSnapshotTemplate](#)
- [CreateLiveTranscodeRule](#)
- [CreateLiveTranscodeTemplate](#)
- [CreateLiveWatermarkRule](#)
- [CreateRecordTask](#)
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- [DeleteLiveCallbackTemplate](#)
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- [DeleteLiveSnapshotTemplate](#)
- [DeleteLiveTranscodeRule](#)
- [DeleteLiveTranscodeTemplate](#)
- [DeleteLiveWatermark](#)
- [DeleteLiveWatermarkRule](#)
- [DeleteRecordTask](#)
- [DescribeAllStreamPlayInfoList](#)
- [DescribeBillBandwidthAndFluxList](#)
- [DescribeConcurrentRecordStreamNum](#)
- [DescribeGroupProlspPlayInfoList](#)
- [DescribeHttpStatusInfoList](#)
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- [StopRecordTask](#)
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- [UpdateLiveWatermark](#)

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- [CallBackRuleInfo](#)
- [CallBackTemplateInfo](#)
- [CdnPlayStatData](#)
- [CertInfo](#)
- [ClientIpPlaySumInfo](#)
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- [CommonMixCropParams](#)
- [CommonMixInputParam](#)
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- [DayStreamPlayInfo](#)
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- [ProlspPlayCodeDataInfo](#)
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- [SnapshotTemplateInfo](#)
- [StreamEventInfo](#)
- [StreamName](#)
- [StreamOnlineInfo](#)
- [TemplateInfo](#)
- [TimeValue](#)
- [TranscodeDetailInfo](#)
- [WatermarkInfo](#)

Introduction

最終更新日：：2023-05-18 17:58:17

Leveraging Tencent's powerful technologies and the capabilities of its core audio/video services, CSS (Cloud Streaming Services) offers professional, stable, and fast live streaming and content distribution services that guarantee ultra-low latency and are capable of handling a large number of concurrent requests.

Before using the APIs of CSS, make sure you have read and agree to its [billing rules](#).

Notes:

- All APIs in this section are version 3.0. New CSS APIs added in the future will also be version 3.0. We strongly recommend you use 3.0 APIs.

API Category

最終更新日：：2023-09-20 11:50:54

LVB Transcoding APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DeleteLiveTranscodeRule	Deletes a transcoding rule	200
DeleteLiveTranscodeTemplate	Deletes a transcoding template	200
DescribeLiveTranscodeRules	Gets the list of transcoding rules	500
DescribeLiveTranscodeTemplate	Gets a single transcoding template	500
DescribeLiveTranscodeTemplates	Gets the list of transcoding templates	500
CreateLiveTranscodeTemplate	Creating a transcoding template	200
ModifyLiveTranscodeTemplate	Modifies the transcoding template configuration	200
CreateLiveTranscodeRule	Creates a transcoding rule	200

Delayed Playback Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
AddDelayLiveStream	Sets a live streaming delay	200
DescribeLiveDelayInfoList	Gets the list of delayed playbacks.	500
ResumeDelayLiveStream	Cancels the live streaming delay	200

Domain Name Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
AddLiveDomain	Adds domain name	100
AuthenticateDomainOwner	Verifies the ownership of a domain	20
DeleteLiveDomain	Deletes domain name	100
DescribeLiveDomain	Queries domain name information	500
DescribeLiveDomains	Queries domain name list	200
EnableLiveDomain	Enables domain name	100
ForbidLiveDomain	Disables domain name	100
ModifyLivePlayDomain	Modifies playback domain name	200

Watermark Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
AddLiveWatermark	Adds watermark	100
CreateLiveWatermarkRule	Creates watermarking rule	200
DeleteLiveWatermark	Delete watermark	100
DeleteLiveWatermarkRule	Deletes watermarking rule	200
DescribeLiveWatermark	Gets the information of a single watermark	500
DescribeLiveWatermarkRules	Gets the watermarking rule list	500
DescribeLiveWatermarks	Queries watermark list	500
UpdateLiveWatermark	Updates watermark	100

Certificate Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeLiveCert	Gets certificate information	500
DescribeLiveCerts	Gets certificate information list	500
DescribeLiveDomainCert	Gets domain name certificate information	500
DescribeLiveDomainCertBindings	Querying domains bound with certificates	20
ModifyLiveDomainCertBindings	Binding a certificate to multiple playback domains	20
UnBindLiveDomainCert	Unbinds domain name certificate	200

Live Stream Mix APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CancelCommonMixStream	Cancels general stream mix	100
CreateCommonMixStream	Creates general stream mix	200

Stream Pulling APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DeleteLivePullStreamTask	Deletes a stream pulling task	50
DescribeLivePullStreamTasks	Queries stream pulling tasks	30
RestartLivePullStreamTask	RestartLivePullStreamTask	20
CreateLivePullStreamTask	Creates a stream pulling	50

	task	
ModifyLivePullStreamTask	Modifies a stream pulling task	20

Recording Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateLiveRecord	Creates recording task (disused; please use the new API)	500
CreateLiveRecordRule	Creates a recording rule	200
CreateLiveRecordTemplate	Creates a recording template	200
CreateRecordTask	Creates recording task (new)	20
DeleteLiveRecord	Deletes recording task (disused; please use the new API)	200
DeleteLiveRecordRule	Deletes a recording rule	200
DeleteLiveRecordTemplate	Deletes a recording template.	200
DeleteRecordTask	Deletes recording task (new)	20
DescribeLiveRecordRules	Gets the list of recording rules	500
DescribeLiveRecordTemplate	Gets a single recording template	500
DescribeLiveRecordTemplates	Gets the list of recording templates	500
DescribeRecordTask	CreateRecordTask (New)	20
ModifyLiveRecordTemplate	Modifies a recording template	200
StopLiveRecord	Terminates recording task (disused; please use the new API)	200
StopRecordTask	Terminates recording task (API)	20

Time Shifting APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateLiveTimeShiftRule	Creates a time shifting rule	20
CreateLiveTimeShiftTemplate	Creates a time shifting template	20
DeleteLiveTimeShiftRule	Deletes a time shifting rule	20
DeleteLiveTimeShiftTemplate	Deletes a time shifting template	20
DescribeLiveTimeShiftRules	Queries time shifting rules	20
DescribeLiveTimeShiftTemplates	Queries time shifting templates	20
DescribeTimeShiftRecordDetail	Queries time shifting details	20
DescribeTimeShiftStreamList	Queries time shifted streams	20
ModifyLiveTimeShiftTemplate	Modifies a standby stream template	20

LVB Callback APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateLiveCallbackRule	Creates callback rule	200
CreateLiveCallbackTemplate	Creates callback template	200
DeleteLiveCallbackRule	Deletes callback rule	200
DeleteLiveCallbackTemplate	Deletes callback template	200
DescribeLiveCallbackRules	Gets callback rule list	500
DescribeLiveCallbackTemplate	Gets a callback template	500
DescribeLiveCallbackTemplates	Gets callback template list	500

ModifyLiveCallbackTemplate	Modifies callback template	200
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Screencapturing and Porn Detection APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateLiveSnapshotRule	Creates screencapturing rule	200
CreateLiveSnapshotTemplate	Creates screencapturing template	200
CreateScreenshotTask	Creates a screencapturing task	20
DeleteLiveSnapshotRule	Deletes screencapturing rule	200
DeleteLiveSnapshotTemplate	Deletes screencapturing template	200
DescribeLiveSnapshotRules	Gets screencapturing rule list	500
DescribeLiveSnapshotTemplate	Gets single screencapturing template	500
DescribeLiveSnapshotTemplates	Gets screencapturing template list	500
ModifyLiveSnapshotTemplate	Modifies screencapturing template configuration	200

Authentication Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeLiveDomainReferer	Queries referer allowlist/blocklist configuration of a live streaming domain name	20
DescribeLivePlayAuthKey	Queries the playback authentication key	500
DescribeLivePushAuthKey	Queries the push authentication key	500
ModifyLiveDomainReferer	Configures referer allowlist/blocklist of a live streaming domain name	20

ModifyLivePlayAuthKey	Modifies the playback authentication key	100
ModifyLivePushAuthKey	Modifies the push authentication key	200

Monitoring Data Query APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeAllStreamPlayInfoList	Gets the playback data of all streams at a specified time point	20
DescribeGroupProlspPlayInfoList	Queries downstream playback data by district and ISP	200
DescribeHttpStatusInfoList	Queries the details of each playback HTTP status code	200
DescribeLiveStreamPushInfoList	Gets the push data of live streams	500
DescribeLiveTranscodeDetailInfo	Queries LVB transcoding statistics	200
DescribePlayErrorCodeDetailInfoList	Queries the real-time data of each playback HTTP error code	100
DescribePlayErrorCodeSumInfoList	Queries the aggregated data of playback HTTP error codes	200
DescribeProvinceIspPlayInfoList	Queries the playback information by ISP and district	200
DescribeStreamDayPlayInfoList	Queries the traffic data of all streams	500
DescribeStreamPlayInfoList	Queries the playback information list of stream	500
DescribeStreamPushInfoList	Gets the push data of a stream	40
DescribeTopClientIpSumInfoList	Queries the information of top n client IPs in certain period of time	100
DescribeVisitTopSumInfoList	Queries the information of top n domain names or stream IDs in certain period of time	100

Billing Data Query APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeDeliverBandwidthList	Queries the billable bandwidth of live stream relaying	20
DescribeLiveTimeShiftBillInfoList	Queries time shift billing data	20
DescribeLiveTranscodeTotalInfo	Queries total usage of the transcoding service	200
DescribeScreenShotSheetNumList	Queries the number of screenshots	100
DescribeTranscodeTaskNum	Queries the number of transcoding tasks	20
DescribeUploadStreamNums	Queries the number of LVB upstream channels.	20
DescribeConcurrentRecordStreamNum	Queries the number of concurrent recording channels	200
DescribeBillBandwidthAndFluxList	Queries the data of billable LVB bandwidth and traffic	100

Live Stream Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeLiveForbidStreamList	Gets the list of forbidden streams.	100
DescribeLiveStreamEventList	Queries streaming events.	300
DescribeLiveStreamOnlineList	Queries live streams.	100
DescribeLiveStreamPublishedList	Queries the list of pushed streams.	300
DropLiveStream	Pauses a live stream	100

ResumeLiveStream	Resumes a live stream.	100
DescribeLiveStreamState	Queries stream status.	300
ForbidLiveStream	Forbids a live stream.	200

Making API Requests

Request Structure

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1. Service Address

The API supports access from either a nearby region (at `live.tencentcloudapi.com`) or a specified region (at `live.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 "`live.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>live.tencentcloudapi.com</code>
South China (Guangzhou)	<code>live.ap-guangzhou.tencentcloudapi.com</code>
East China (Shanghai)	<code>live.ap-shanghai.tencentcloudapi.com</code>
North China (Beijing)	<code>live.ap-beijing.tencentcloudapi.com</code>
Southwest China (Chengdu)	<code>live.ap-chengdu.tencentcloudapi.com</code>
Southwest China (Chongqing)	<code>live.ap-chongqing.tencentcloudapi.com</code>
Hong Kong, Macao, Taiwan (Hong Kong, China)	<code>live.ap-hongkong.tencentcloudapi.com</code>
Southeast Asia (Singapore)	<code>live.ap-singapore.tencentcloudapi.com</code>
Southeast Asia (Bangkok)	<code>live.ap-bangkok.tencentcloudapi.com</code>

South Asia (Mumbai)	live.ap-mumbai.tencentcloudapi.com
Northeast Asia (Seoul)	live.ap-seoul.tencentcloudapi.com
Northeast Asia (Tokyo)	live.ap-tokyo.tencentcloudapi.com
U.S. East Coast (Virginia)	live.na-ashburn.tencentcloudapi.com
U.S. West Coast (Silicon Valley)	live.na-siliconvalley.tencentcloudapi.com
North America (Toronto)	live.na-toronto.tencentcloudapi.com
Europe (Frankfurt)	live.eu-frankfurt.tencentcloudapi.com
Europe (Moscow)	live.eu-moscow.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

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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 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 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=AKIDEXAMPLE/Date/service/tc3_request/Region, SignedHeaders=content-type;host, Signature=fe5f80f77d5fa3beca038a248ff027d0445342fe2855ddc96317 Here: - TC3-HMAC-SHA256: Signature method, currently fixed as this value; - Credential: Signature credential; AKIDEXAMPLE is the SecretId; Date is the UTC time, and this value must match the value of X-TC-Timestamp (a co

			parameter) in UTC time format; service is the name of the product/service generally a domain name prefix. For example, a domain name cvm.tencent refers to the CVM product and the value would be cvm; - SignedHeaders: The headers that contains 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=AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE/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=AKIDEXAMPLE/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=AKIDEXAMPLE/2018-05-30/cvm/tc3_request,
SignedHeaders=content-type;host, Signature=582c400e06b5924a6f2b5d7d672d79c15b1316
2d9279b0855cfba6789a8edb4c
```

```
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=37ac2f4fde00b0ac9bd9eadeb459b1bb224158d66e7ae5fcadb70b2d181d02&Region=ap-guangzhou&Nonce=23823223&SecretId=AKIDEXAMPLE
```

```
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=37ac2f4fde00b0ac9bd9eadeb459b1bbec224158d66e7ae5fcadb70b2d181d02&Region=ap-guangzhou&Nonce=23823223&SecretId=AKIDEXAMPLE
```

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 Pacific (Bangkok)	ap-bangkok
North China (Beijing)	ap-beijing
South China (Guangzhou)	ap-guangzhou
Hong Kong/Macao/Taiwan (Hong Kong, China)	ap-hongkong
Southeast Asia Pacific (Jakarta)	ap-jakarta
South Asia Pacific (Mumbai)	ap-mumbai
Northeast Asia Pacific (Seoul)	ap-seoul
East China (Shanghai)	ap-shanghai
Southeast Asia Pacific (Singapore)	ap-singapore
Northeast Asia Pacific (Tokyo)	ap-tokyo
Europe (Frankfurt)	eu-frankfurt
Eastern U.S. (Virginia)	na-ashburn
Western U.S. (Silicon Valley)	na-siliconvalley
North America (Toronto)	na-toronto
South America (Sao Paulo)	sa-saopaulo

Signature v3

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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 AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE and Gu5t9xGARNpq86cd98joQYCN3EXAMPLE, respectively, if you want to view the status of the instance in the Guangzhou region whose CVM instance name is "\u672a\u547d\u540d" 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=AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE/2019-02-25/cvm/tc3_request, SignedHeaders=content-type;host, Signature=72e494ea809ad7a8c8f7a4507b9bddcbaa8e581f516e8da2f66e2c5a96525168" \
-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": ["\u672a\u547d\u540d"], "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>

Field Name	Explanation
HashedRequestPayload	Hash value of the request payload (i.e., the body, such as <code>{"Limit": 1, "Filter": [{"Values": ["\u672a\u547d\u540d"], "Name": "instance-name"}]}</code> in this example). The pseudocode for calculation is <code>Lowercase(HexEncode(Hash.SHA256(RequestPayload)))</code> by SHA256 hashing the payload of the HTTP request, performing hexadecimal encoding, and finally converting the encoded string to lowercase letters. For GET requests, <code>RequestPayload</code> is always an empty string. The calculation result in this example is <code>35e9c5b0e3ae67532d3c9f17ead6c90222632e5b1ff7f6e89887f1398934f064</code>

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
35e9c5b0e3ae67532d3c9f17ead6c90222632e5b1ff7f6e89887f1398934f064
```

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.

Field Name	Explanation
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 match the domain name of the product called. The calculation result in this example is <code>2019-02-25/cvm/tc3_request</code> .
HashedCanonicalRequest	Hash value of the CanonicalRequest string concatenated in the steps above. The pseudocode for calculation is <code>Lowercase(HexEncode(Hash.SHA256(CanonicalRequest)))</code> . The calculation result in this example is <code>5ffe6a04c0664d6b969fab9a13bdab201d63ee709638e2749d62a09ca18d7031</code>

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
5ffe6a04c0664d6b969fab9a13bdab201d63ee709638e2749d62a09ca18d7031
```

3. Calculating the Signature

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

```
SecretKey = "Gu5t9xGARNpq86cd98joQYCN3EXAMPLE"
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., <code>Gu5t9xGARNpq86cd98joQYCN3EXAMPLE</code> .
Date	The Date field information in <code>Credential</code> , such as <code>2019-02-25</code> 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>AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE</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>72e494ea809ad7a8c8f7a4507b9bddcbaa8e581f516e8da2f66e2c5a96525168</code> .

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

```
TC3-HMAC-SHA256 Credential=AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE/2019-02-25/cvm/tc3_request, SignedHeaders=content-type;host, Signature=72e494ea809ad7a8c8f7a4507b9
```

```
bddcbaa8e581f516e8da2f66e2c5a96525168
```

The following example shows a finished authorization header:

```
POST https://cvm.tencentcloudapi.com/
Authorization: TC3-HMAC-SHA256 Credential=AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE/2019-02-25/cvm/tc3_request, SignedHeaders=content-type;host, Signature=72e494ea809ad7a8c8f7a4507b9bddcbaa8e581f516e8da2f66e2c5a96525168
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": ["\u672a\u547d\u540d"], "Name": "instance-name"}]}
```

5. Signature Demo

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 = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE";
    private final static String SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3EXAMPLE";
    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\": [\"\\u672a\\u547d\\u540d\"], \"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, string
ToSign)).toLowerCase();
System.out.println(signature);

// ***** Step 4: Concatenate the Authorization *****
String authorization = algorithm + " " + "Credential=" + SECRET_ID + "/" + creden
tialScope + ", "
+ "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 = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE"
secret_key = "Gu5t9xGARNpq86cd98joQYCN3EXAMPLE"

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": [{"Name": "instance-name", "Values": [u"\u672a\u547d\u540d"]}]}

# ***** 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 := "AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE"
    secretKey := "Gu5t9xGARNpq86cd98joQYCN3EXAMPLE"
    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": ["\u672a\u547d\u540d"], "Name":
"instance-name"}]}`
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",
```

```
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 = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE";
$secretKey = "Gu5t9xGARNpq86cd98joQYCN3EXAMPLE";
$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": ["\u672a\u547d\u540d"], "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 = 'AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE'
secret_key = 'Gu5t9xGARNpq86cd98joQYCN3EXAMPLE'

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' =>
#   ['\u672a\u547d\u540d'] }] }
# 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": ["\u672a\u547d\u540d"], "Name": "i
nstance-name"}]}'
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 + "'"

```

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.

Error Code	Description
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

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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: AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE
- SecretKey: Gu5t9xGARNpq86cd98joQYCN3EXAMPLE

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	AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE
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' : 'AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE',
  '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=AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE&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=AKIDz8krbsJ5yKBZQpn74WF
kmLPx3EXAMPLE&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 = 'Gu5t9xGARNpq86cd98joQYCN3EXAMPLE';  
$srcStr = 'GETcvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&Limit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE&Timestamp=1465185768&Version=2017-03-12';  
$signStr = base64_encode(hash_hmac('sha1', $srcStr, $secretKey, true));  
echo $signStr;
```

The final signature is:

```
EliP9YW3pW28FpsEdkXt/+WcGeI=
```

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 EliP9YW3pW28FpsEdkXt/+WcGeI=, the final signature string request parameter (Signature) is EliP9YW3pW28FpsEdkXt%2f%2bWcGeI%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
------------	-------------------

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](#)
- [JavaScript](#)
- [.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=AKIDz8krbsJ5yKBZQpn74WFkmLPx3*****&Signature=zmmjn35mikh6pM3V7sUEuX4wyYM%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", "AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE"); // 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), "Gu5t9xGARNpq86cd98joQYCN3EXAMPLE", "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 = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE"
secret_key = "Gu5t9xGARNpq86cd98joQYCN3EXAMPLE"

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 := "AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE"
    secretKey := "Gu5t9xGARNpq86cd98joQYCN3EXAMPLE"
    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 = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE";
$secretKey = "Gu5t9xGARNpq86cd98joQYCN3EXAMPLE";
$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
```

```
// $param["Signature"] = $signature;
// $url = "https://cvm.tencentcloudapi.com/?".http_build_query($param);
// 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 = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE"
secret_key = "Gu5t9xGARNpq86cd98joQYCN3EXAMPLE"
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
```

Responses

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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.

Error Code	Description
MissingParameter	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.

Live Transcoding APIs

DeleteLiveTranscodeRule

最終更新日：：2023-09-06 15:06:28

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to delete a transcoding rule.

`DomainName+AppName+StreamName+TemplateId` uniquely identifies a single transcoding rule. If you need to delete it, strong match is required. `TemplateId` is required. Even if other parameters are empty, you still need to pass in an empty string to make a strong match.

A maximum of 200 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: DeleteLiveTranscodeRule.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Playback domain name.
AppName	Yes	String	Push path, which is the same as the <code>AppName</code> in push and playback addresses and is <code>live</code> by default.

StreamName	Yes	String	Stream name.
TemplateId	Yes	Integer	Template ID.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DeleteLiveTranscodeRule
&DomainName=5000.livepush.myqcloud.com
&AppName=live
&StreamName=stream1
&TemplateId=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

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
FailedOperation.NotFound	No records found.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.DomainFormatError	The domain name format is incorrect. Please enter a valid one.
InvalidParameter.RuleNotFound	

InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DeleteLiveTranscodeTemplate

最終更新日：：2023-09-06 15:06:28

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to delete a transcoding template.

A maximum of 200 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: DeleteLiveTranscodeTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateId	Yes	Integer	Template ID. 1. Get the template ID in the returned value of the CreateLiveTranscodeTemplate API call. 2. You can query the list of created templates through the DescribeLiveTranscodeTemplates API.

3. Output Parameters

--	--	--

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DeleteLiveTranscodeTemplate
&TemplateId=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.AiTranscodeOptionFail	Failed to manipulate the AI API.
FailedOperation.ConfInUsed	The template is in use.
FailedOperation.NotFound	No records found.
InternalError	Internal error.
InternalError.ArgsNotMatch	For the transcoding template adding API.
InternalError.ConfInUsed	The template is in use.
InternalError.ConfNotFound	The template does not exist.
InternalError.InvalidInput	Parameter check failed.
InternalError.NotFound	The record does not exist.
InternalError.RuleAlreadyExist	The rule has already been configured.
InternalError.RuleInUsing	The rule is in use.
InternalError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLiveTranscodeRules

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1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the list of transcoding rules.

A maximum of 500 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: DescribeLiveTranscodeRules.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateIds.N	No	Array of Integer	An array of template IDs to be filtered.
DomainNames.N	No	Array of String	An array of domain names to be filtered.

3. Output Parameters

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

Name		
Rules	Array of RuleInfo	List of transcoding rules.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveTranscodeRules
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "Rules": [
      {
        "CreateTime": "2018-09-12 15:52:01",
        "UpdateTime": "2018-10-12 18:00:05",
        "TemplateId": 1000,
        "DomainName": "5000.livepush.myqcloud.com",
        "AppName": "live",
        "StreamName": "stream1"
      }
    ],
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.

ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLiveTranscodeTemplate

最終更新日：：2023-09-06 15:06:28

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get a single transcoding template.

A maximum of 500 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: DescribeLiveTranscodeTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateId	Yes	Integer	Template ID. Note: get the template ID in the returned value of the CreateLiveTranscodeTemplate API call.

3. Output Parameters

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

Template	TemplateInfo	Template information.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveTranscodeTemplate
&TemplateId=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "Template": {
      "Profile": "xx",
      "AudioBitrate": 15,
      "Rotate": 0,
      "BitrateToOrig": 0,
      "TemplateName": "xx",
      "VideoBitrate": 30,
      "ShortEdgeAsHeight": 0,
      "Vcodec": "xx",
      "AdaptBitratePercent": 0.0,
      "AiTransCode": 0,
      "Height": 250,
      "Width": 250,
      "NeedAudio": 1,
      "FpsToOrig": 0,
      "Fps": 30,
      "TemplateId": 1000,
      "Description": "xx",
      "HeightToOrig": 0,
      "NeedVideo": 1,
      "Gop": 3,
      "Acodec": "xx"
    },
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

```
}  
}
```

5. Developer Resources

SDK

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- [Tencent Cloud SDK 3.0 for Java](#)
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- [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
FailedOperation.NotFound	No records found.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.

InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

DescribeLiveTranscodeTemplates

最終更新日：：2023-09-06 15:06:28

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the transcoding template list.

A maximum of 500 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: DescribeLiveTranscodeTemplates.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.

3. Output Parameters

Parameter Name	Type	Description
Templates	Array of TemplateInfo	List of transcoding templates.

RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.
-----------	--------	--

4. Example

Example1 Sample request

Input Example

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

{}
```

Output Example

```
{
  "Response": {
    "Templates": [
      {
        "Width": 250,
        "Fps": 30,
        "TemplateId": 1000,
        "Gop": 3,
        "Acodec": "xx",
        "Profile": "xx",
        "Description": "xx",
        "VideoBitrate": 30,
        "BitrateToOrig": 0,
        "AiTransCode": 0,
        "HeightToOrig": 0,
        "AudioBitrate": 15,
        "Rotate": 0,
        "TemplateName": "xx",
        "AdaptBitratePercent": 0.0,
        "Vcodec": "xx",
        "NeedAudio": 1,
        "DRMTracks": "xx",
        "NeedVideo": 1,
        "DRMType": "xx",
        "ShortEdgeAsHeight": 0,

```

```
"Height": 250,
"FpsToOrig": 0
},
{
  "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
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.

InternalError.InvalidInput	Parameter check failed.
InternalError.NotFound	The record does not exist.
InternalError.RuleAlreadyExist	The rule has already been configured.
InternalError.RuleInUsing	The rule is in use.
InternalError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

CreateLiveTranscodeTemplate

最終更新日：：2023-09-06 15:06:29

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to create a transcoding template. Up to 50 transcoding templates can be created in total. To use a template, you need to call [CreateLiveTranscodeRule](#) to bind the template ID returned by this API to a stream.

For more information about transcoding, see [Live Remuxing and Transcoding](#).

A maximum of 200 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: CreateLiveTranscodeTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateName	Yes	String	Template name, such as "900p". This can be only a combination of letters and digits. Length limit: Standard transcoding: 1-10 characters Top speed codec transcoding: 3-10 characters
VideoBitrate	Yes	Integer	Video bitrate in Kbps. Value range: 100-8000. Note: the transcoding template requires that the bitrate be

			unique. Therefore, the final saved bitrate may be different from the input bitrate.
Acodec	No	String	Audio codec. Default value: aac. Note: this parameter is unsupported now.
AudioBitrate	No	Integer	Audio bitrate. Default value: 0. Value range: 0-500.
Vcodec	No	String	Video codec. Valid values: h264, h265, origin (default) origin: original codec as the output codec
Description	No	String	Template description.
NeedVideo	No	Integer	Whether to keep the video. 0: no; 1: yes. Default value: 1.
Width	No	Integer	Width. Default value: 0. Value range: 0-3000 It must be a multiple of 2. The original width is 0.
NeedAudio	No	Integer	Whether to keep the audio. 0: no; 1: yes. Default value: 1.
Height	No	Integer	Height. Default value: 0 Value range: 0-3000 The value must be a multiple of 2. The original height is 0 . This parameter is required for a top speed codec template (when AiTransCode is 1).
Fps	No	Integer	Frame rate. Default value: 0. Value range: 0-60
Gop	No	Integer	Keyframe interval in seconds. Default value: original interval Value range: 2-6
Rotate	No	Integer	Rotation angle. Default value: 0. Valid values: 0, 90, 180, 270
Profile	No	String	Encoding quality: baseline/main/high. Default value: baseline.
BitrateToOrig	No	Integer	Whether to use the original bitrate when the set bitrate is larger than the original bitrate. 0: no, 1: yes Default value: 0.
HeightToOrig	No	Integer	Whether to use the original height when the set height is higher than the original height.

			0: no, 1: yes Default value: 0.
FpsToOrig	No	Integer	Whether to use the original frame rate when the set frame rate is larger than the original frame rate. 0: no, 1: yes Default value: 0.
AiTransCode	No	Integer	Whether it is a top speed codec template. 0: no, 1: yes. Default value: 0.
AdaptBitratePercent	No	Float	Bitrate compression ratio of top speed codec video. Target bitrate of top speed code = VideoBitrate * (1 - AdaptBitratePercent) Value range: 0.0-0.5.
ShortEdgeAsHeight	No	Integer	Whether to use the short side as the video height. 0: no, 1: yes. Default value: 0.
DRMType	No	String	The DRM encryption type. Valid values: fairplay, normalaes, widevine. If you do not pass this parameter or pass in an empty string, the existing configuration will be reset.
DRMTracks	No	String	The tracks to encrypt. Valid values: AUDIO, SD, HD, UHD1, UHD2. You can choose only one video track (SD, HD, UHD1, or UHD2). If you do not pass this parameter or pass in an empty string, the existing configuration will be reset.

3. Output Parameters

Parameter Name	Type	Description
TemplateId	Integer	Template ID.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Creating a transcoding template

This example shows you how to create a transcoding template.

Input Example

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

{
  "Profile": "main",
  "AudioBitrate": "500",
  "Rotate": "0",
  "Description": "test",
  "TemplateName": "900m",
  "VideoBitrate": "900",
  "Vcodec": "h264",
  "Height": "250",
  "Width": "250",
  "NeedAudio": "1",
  "FpsToOrig": "0",
  "Fps": "30",
  "BitrateToOrig": "0",
  "HeightToOrig": "0",
  "NeedVideo": "1",
  "Gop": "3",
  "Acodec": "aac"
}
```

Output Example

```
{
  "Response": {
    "TemplateId": 1000,
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

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
FailedOperation.AiTranscodeOptionFail	Failed to manipulate the AI API.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InternalError	Internal error.
InternalError.ArgsNotMatch	For the transcoding template adding API.
InternalError.ConfInUsed	The template is in use.
InternalError.ConfNotFound	The template does not exist.
InternalError.ConfOutLimit	The number of templates exceeded the limit.
InternalError.InvalidInput	Parameter check failed.
InternalError.NotFound	The record does not exist.
InternalError.ProcessorAlreadyExist	The transcoding template name already exists.
InternalError.RuleAlreadyExist	The rule has already been configured.
InternalError.RuleInUsing	The rule is in use.

InternalError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.ArgsNotMatch	Incorrect template name.
InvalidParameter.GopMustEqualAndExists	The GOP of an adaptive bitrate template is required and must be the same for each stream.
InvalidParameter.ProcessorAlreadyExist	
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

ModifyLiveTranscodeTemplate

最終更新日：：2023-09-06 15:06:28

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to modify the transcoding template configuration.

A maximum of 200 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: ModifyLiveTranscodeTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateId	Yes	Integer	Template ID.
Vcodec	No	String	Video codec. Valid values: h264, h265, origin (default) origin: original codec as the output codec
Acodec	No	String	Audio codec. Default value: aac. Note: this parameter is unsupported now.
AudioBitrate	No	Integer	Audio bitrate. Default value: 0. Value range: 0-500.

Description	No	String	Template description.
VideoBitrate	No	Integer	Video bitrate in Kbps. Value range: 100-8000. Note: the transcoding template requires that the bitrate be unique. Therefore, the final saved bitrate may be different from the input bitrate.
Width	No	Integer	Width in pixels. Value range: 0-3000. It must be a multiple of 2. The original width is 0.
NeedVideo	No	Integer	Whether to keep the video. 0: no; 1: yes. Default value: 1.
NeedAudio	No	Integer	Whether to keep the audio. 0: no; 1: yes. Default value: 1.
Height	No	Integer	Height in pixels. Value range: 0-3000. It must be a multiple of 2. The original height is 0.
Fps	No	Integer	Frame rate in fps. Default value: 0. Value range: 0-60
Gop	No	Integer	Keyframe interval in seconds. Value range: 2-6
Rotate	No	Integer	Rotation angle. Default value: 0. Valid values: 0, 90, 180, 270
Profile	No	String	Encoding quality: baseline/main/high.
BitrateToOrig	No	Integer	Whether to use the original bitrate when the set bitrate is larger than the original bitrate. 0: no, 1: yes Default value: 0.
HeightToOrig	No	Integer	Whether to use the original height when the set height is higher than the original height. 0: no, 1: yes Default value: 0.
FpsToOrig	No	Integer	Whether to use the original frame rate when the set frame rate is larger than the original frame rate. 0: no, 1: yes Default value: 0.
AdaptBitratePercent	No	Float	Bitrate compression ratio of top speed codec video. Target bitrate of top speed code = VideoBitrate * (1-AdaptBitratePercent)

			Value range: 0.0-0.5.
ShortEdgeAsHeight	No	Integer	Whether to use the short side as the video height. 0: no, 1: yes. Default value: 0.
DRMType	No	String	The DRM encryption type. Valid values: fairplay, normalaes, widevine. If you do not pass this parameter or pass in an empty string, the existing configuration will be reset.
DRMTracks	No	String	The tracks to encrypt. Valid values: AUDIO, SD, HD, UHD1, UHD2. You can choose only one video track (SD, HD, UHD1, or UHD2). If you do not pass this parameter or pass in an empty string, the existing configuration will be reset.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Modifying a transcoding template

This example shows you how to modify a transcoding template.

Input Example

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

{
  "Profile": "main",
  "AudioBitrate": "600",
  "Rotate": "0",
```

```
"Description": "test",
"VideoBitrate": "1500",
"Vcodec": "h265",
"Height": "240",
"Width": "250",
"NeedAudio": "1",
"FpsToOrig": "0",
"Fps": "30",
"TemplateId": "1001",
"BitrateToOrig": "0",
"HeightToOrig": "0",
"NeedVideo": "1",
"Gop": "3",
"Acodec": "aac"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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

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- [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
FailedOperation.AiTranscodeOptionFail	Failed to manipulate the AI API.
FailedOperation.NotFound	No records found.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.ProcessorAlreadyExist	The transcoding template name already exists.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.ArgsNotMatch	Incorrect template name.
InvalidParameter.GopMustEqualAndExists	The GOP of an adaptive bitrate template is required and must be the same for each stream.
InvalidParameter.ProcessorAlreadyExist	
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.

ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

CreateLiveTranscodeRule

最終更新日：：2023-09-06 15:06:29

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to create a transcoding rule that binds a template ID to a stream. Up to 50 transcoding rules can be created in total. Before you call this API, you need to first call [CreateLiveTranscodeTemplate](#) to get the template ID.

Related document: [Live Remuxing and Transcoding](#).

A maximum of 200 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: CreateLiveTranscodeRule.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Playback domain name.
AppName	Yes	String	The push path, which is the same as <code>AppName</code> in the push and playback addresses and is <code>live</code> by default. If you only want to bind the template to a domain, pass in an empty string.
StreamName	Yes	String	Stream name. If only the domain name or path is bound, leave this

			parameter blank.
TemplateId	Yes	Integer	Designates an existing template ID.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Creating a transcoding rule

This example shows you how to create a transcoding rule.

Input Example

```
https://live.tencentcloudapi.com/?Action=CreateLiveTranscodeRule
&DomainName=5000.liveplay.myqcloud.com
&AppName=live
&StreamName=stream1
&TemplateId=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.RuleAlreadyExist	The rule already exists.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InternalServerError.RuleOutLimit	The rule exceeds the limit.
InvalidParameter	Invalid parameter.

InvalidParameter.ConfNotFound	
InvalidParameter.DomainFormatError	The domain name format is incorrect. Please enter a valid one.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

Delayed Playback Management APIs

AddDelayLiveStream

最終更新日：：2023-09-06 15:06:32

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to set a delay in playing the images of large live streaming events, in case of emergencies.

Note: if you are to set the delay before stream push, set it at least 5 minutes before the push. This API supports configuration only by stream.

A maximum of 200 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: AddDelayLiveStream.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
AppName	Yes	String	Push path, which is the same as the <code>AppName</code> in push and playback addresses and is <code>live</code> by default.
DomainName	Yes	String	Push domain name.
StreamName	Yes	String	Stream name.

DelayTime	Yes	Integer	Delay time in seconds, up to 600s.
ExpireTime	No	String	Expiration time of the configured delayed playback in UTC format, such as 2018-11-29T19:00:00Z. Notes: 1. The configuration will expire after 7 days by default and can last up to 7 days. 2. The Beijing time is in UTC+8. This value should be in the format as required by ISO 8601. For more information, please see ISO Date and Time Format.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=AddDelayLiveStream
&DomainName=5000.livepush.myqcloud.com
&AppName=live
&StreamName=stream1
&DelayTime=30
&ExpireTime=2018-12-30T11:00:00Z
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
  }
}
```

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
DryRunOperation	DryRun operation. A request will not be successful if the <code>DryRun</code> parameter is passed in.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InternalError	Internal error.
InternalError.CallOtherSvrError	Error calling internal service.
InternalError.ConfigNotExist	The configuration does not exist.
InternalError.GetBizidError	Error getting user account.
InternalError.GetStreamInfoError	Failed to get the stream information.
InternalError.NotPermmmitOperat	No permission to operate.
InternalError.StreamStatusError	Exceptional stream status.

InternalError.UpdateDataError	Failed to update data.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound	The resource is not found.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.UserNotExist	The LVB service has not been activated.

DescribeLiveDelayInfoList

最終更新日：：2023-09-06 15:06:32

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the list of delayed playbacks.

A maximum of 500 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: DescribeLiveDelayInfoList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.

3. Output Parameters

Parameter Name	Type	Description
DelayInfoList	Array of DelayInfo	Delayed playback information list.

RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.
-----------	--------	--

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveDelayInfoList
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "DelayInfoList": [
      {
        "DomainName": "5000.pushdomain.com",
        "AppName": "live",
        "StreamName": "testStream",
        "DelayInterval": 60,
        "CreateTime": "2019-06-14T00:00:00Z",
        "ExpireTime": "2019-06-15T00:00:00Z",
        "Status": 1
      }
    ],
    "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
  }
}
```

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
FailedOperation	Operation failed.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InternalError	Internal error.
InternalError.DBError	DB execution error.
InvalidParameterValue	Invalid parameter value.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.UserNotExist	The LVB service has not been activated.

ResumeDelayLiveStream

最終更新日：：2023-09-06 15:06:32

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to cancel the delay setting and recover the real-time display of the live streaming image.

A maximum of 200 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: ResumeDelayLiveStream.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
AppName	Yes	String	Push path, which is the same as the AppName in push and playback addresses and is "live" by default.
DomainName	Yes	String	Push domain name.
StreamName	Yes	String	Stream name.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=ResumeDelayLiveStream
&DomainName=5000.livepush.myqcloud.com
&AppName=live
&StreamName=stream1
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
  }
}
```

5. Developer Resources

SDK

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- [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
DryRunOperation	DryRun operation. A request will not be successful if the <code>DryRun</code> parameter is passed in.
FailedOperation	Operation failed.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InternalError	Internal error.
InternalError.CallOtherSvrError	Error calling internal service.
InternalError.ConfigNotExist	The configuration does not exist.
InternalError.GetBizidError	Error getting user account.
InternalError.GetStreamInfoError	Failed to get the stream information.
InternalError.GetUpstreamInfoError	Error getting the live stream source information.
InternalError.NotPermmittOperat	No permission to operate.
InternalError.StreamStatusError	Exceptional stream status.
InternalError.UpdateDataError	Failed to update data.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
LimitExceeded	Quota exceeded.
MissingParameter	Parameter missing.
ResourceInUse	The resource is occupied.
ResourceInsufficient	Insufficient resources.

ResourceNotFound	The resource is not found.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.UserNotExist	The LVB service has not been activated.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.

Domain Name Management APIs

AddLiveDomain

最終更新日：：2023-09-06 15:06:31

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to add a domain name. Only one domain name can be submitted at a time, and it must have an ICP filing.

A maximum of 100 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: AddLiveDomain.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Domain name.
DomainType	Yes	Integer	Domain name type. 0: push domain name. 1: playback domain name.
PlayType	No	Integer	Pull domain name type: 1: Mainland China. 2: global.

			3: outside Mainland China. Default value: 1.
IsDelayLive	No	Integer	Whether it is LCB: 0: LVB, 1: LCB. Default value: 0.
IsMiniProgramLive	No	Integer	Whether it is LVB on Mini Program. 0: LVB. 1: LVB on Mini Program. Default value: 0.
VerifyOwnerType	No	String	The domain verification type. Valid values (the value of this parameter must be the same as <code>VerifyType</code> of the <code>AuthenticateDomainOwner</code> API): dnsCheck: Check immediately whether the verification DNS record has been added successfully. If so, record this verification result. fileCheck: Check immediately whether the verification HTML file has been uploaded successfully. If so, record this verification result. dbCheck: Check whether the domain has already been verified. If you do not pass a value, <code>dbCheck</code> will be used.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Adding a domain name

Input Example

```
https://live.tencentcloudapi.com/?Action=AddLiveDomain
&DomainName=www.test.com
```

```
&DomainType=0
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "eac6b301-a322-493a-8e36-83b295459397"
  }
}
```

5. Developer Resources

SDK

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

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- [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
FailedOperation	Operation failed.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.

FailedOperation.DeleteDomainInLockedTime	The domain name cannot be deleted because it incurred traffic in the last 2 days and is in locked state.
FailedOperation.DomainAdded	The domain has already been added.
FailedOperation.DomainGslbFail	Failed to configure the domain rule.
FailedOperation.DomainNeedRealName	The domain has not been verified.
FailedOperation.DomainNeedVerifyOwner	The ownership of the domain has not been verified.
FailedOperation.HostOutLimit	The number of domain names exceeded the upper limit (100).
FailedOperation.ParentDomainAdded	The domain's parent domain has already been added.
FailedOperation.SubDomainAdded	The domain's subdomain has already been added.
InternalError	Internal error.
InternalError.ChineseCharacterDetected	Chinese domain names are not supported currently. Please check the domain name format.
InternalError.ConnectDbError	Database connection error.
InternalError.DBError	DB execution error.
InternalError.DomainAlreadyExist	The domain name is already connected elsewhere. Please check whether the entered domain name is correct, and if yes, you can add it again after successful ownership verification.
InternalError.DomainFormatError	The domain name format is incorrect. Please enter a valid one.
InternalError.DomainGslbFail	Failed to add the GSLB rule.
InternalError.DomainsIsFamous	The domain name is already connected elsewhere. Please check whether the entered domain name is correct, and if yes, you can add it again after successful ownership verification.
InternalError.DomainsIsLimited	Your domain name is unavailable. Please enter a correct domain name.
InternalError.DomainNoRecord	The domain name has no ICP filing.
InternalError.DomainTooLong	The domain name length exceeds the limit.
InternalError.InvalidInput	Parameter check failed.
InternalError.InvalidUser	Account information error.

InternalError.NetworkError	Internal network error.
InvalidParameter	Invalid parameter.
InvalidParameter.DomainAlreadyExist	The domain name already exists.
InvalidParameter.DomainFormatError	The domain name format is incorrect. Please enter a valid one.
InvalidParameter.DomainHitBlackList	This domain name is on the blocklist.
InvalidParameter.DomainsIsFamous	A blocklisted domain name is used.
InvalidParameter.DomainsIsLimited	The domain name is restricted. Please submit a ticket for application to remove the restrictions.
InvalidParameter.DomainTooLong	The domain name exceeds the length limit.
InvalidParameter.MpHostDelete	It is not allowed to add a Mini Program domain name deleted in the same month.
InvalidParameter.MpPluginNoUse	The WeChat Mini Program plug-in is unauthorized.
ResourceNotFound.DomainNoRecord	The domain name has no ICP filing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.InvalidUser	This API is not supported for the user.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

AuthenticateDomainOwner

最終更新日：：2023-09-06 15:06:31

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to verify the ownership of a domain.

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: AuthenticateDomainOwner.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	The domain to verify.
VerifyType	Yes	String	The verification type. Valid values: dnsCheck: Check immediately whether the verification DNS record has been added successfully. If so, record this verification result. fileCheck: Check immediately whether the verification HTML file has been uploaded successfully. If so, record this verification result. dbCheck: Check whether the domain has already been successfully verified.

3. Output Parameters

Parameter Name	Type	Description
Content	String	The content verified. If <code>VerifyType</code> is <code>dnsCheck</code> , this is the TXT record that should be added for verification. If <code>VerifyType</code> is <code>fileCheck</code> , this is the file that should be uploaded for verification.
Status	Integer	The verification status. If the value of this parameter is 0 or greater, the domain has been verified. If the value of this parameter is smaller than 0, the domain has not been verified.
MainDomain	String	The primary domain of the domain verified. Verification is not required if another domain under the same primary domain has been successfully verified.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

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

{
  "VerifyType": "dnsCheck",
  "DomainName": "akxynt.cn"
}
```

Output Example

```
{
  "Response": {
```

```
"Content": "cssauth_da06159efa92c365182ba5d453a7b65b",
"MainDomain": "akxynt.cn",
"RequestId": "20a9d1c1-7b2a-48b5-9a78-c0bccab3dfb6",
"Status": 0
}
}
```

5. Developer Resources

SDK

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

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- [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
FailedOperation	Operation failed.
InvalidParameter	Invalid parameter.
InvalidParameter.DomainFormatError	The domain name format is incorrect. Please enter a valid one.

DeleteLiveDomain

最終更新日：：2023-09-06 15:06:31

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to delete an added LVB domain name.

A maximum of 100 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: DeleteLiveDomain.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Domain name to be deleted.
DomainType	Yes	Integer	Type. 0: push, 1: playback.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for

		locating a problem.
--	--	---------------------

4. Example

Example1 Deleting domain name

Input Example

```
https://live.tencentcloudapi.com/?Action=DeleteLiveDomain
&DomainName=www.test.com
&DomainType=0
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "eac6b301-a322-493a-8e36-83b295459397"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
FailedOperation.DeleteDomainInLockedTime	The domain name cannot be deleted because it incurred traffic in the last 2 days and is in locked state.
FailedOperation.JiFeiNoEnoughFund	The billing platform returned an error of insufficient balance.
FailedOperation.NotFound	No records found.
FailedOperation.TagUnbindError	Failed to unbind the tag. Try unbinding it manually.
InternalError	Internal error.
InternalError.ConnectDbError	Database connection error.
InternalError.DBError	DB execution error.
InternalError.NetworkError	Internal network error.
InvalidParameter.DomainAlreadyExist	The domain name already exists.
InvalidParameter.DomainFormatError	The domain name format is incorrect. Please enter a valid one.
InvalidParameter.DomainsIsLimited	The domain name is restricted. Please submit a ticket for application to remove the restrictions.
ResourceNotFound.DomainNotExist	The domain name does not exist or is not matched.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLiveDomain

最終更新日：：2023-09-06 15:06:31

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the LVB domain name information.

A maximum of 500 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: DescribeLiveDomain.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	No	String	Domain name.

3. Output Parameters

Parameter Name	Type	Description
DomainInfo	DomainInfo	Domain name information.

		Note: this field may return <code>null</code> , indicating that no valid value is obtained.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveDomain
&DomainName=yourdomain.test.com
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "eac6b301-a322-493a-8e36-83b295459397",
    "DomainInfo": {
      "Name": "abc.com",
      "Type": 1,
      "Status": 1,
      "CreateTime": "2018-08-29 10:00:00",
      "BCName": 1,
      "TargetDomain": "yourdomain.test2.com",
      "CurrentCName": "yourdomain.test.com",
      "IsDelayLive": 0,
      "RentTag": 0,
      "RentExpireTime": "0000-00-00 00:00:00"
    }
  }
}
```

5. Developer Resources

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- [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.
InternalServerError.ConnectDbError	Database connection error.
InternalServerError.DBError	DB execution error.
InternalServerError.DomainNotExist	The domain name does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.DomainNotExist	The domain name does not exist or is not matched.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLiveDomains

最終更新日：：2023-09-06 15:06:31

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query domain names by domain name status and type.

A maximum of 200 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: DescribeLiveDomains.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainStatus	No	Integer	Filter by domain name status. 0: disabled, 1: enabled.
DomainType	No	Integer	Filter by domain name type. 0: push. 1: playback
PageSize	No	Integer	Number of entries per page. Value range: 10-100. Default value: 10.
PageNum	No	Integer	Page number to get. Value range: 1-100000. Default value: 1.
IsDelayLive	No	Integer	0: LVB, 1: LCB. Default value: 0.
DomainPrefix	No	String	Domain name prefix.

PlayType	No	Integer	Playback region. This parameter is valid only when <code>DomainType</code> is set to <code>1</code> . <code>1</code> : Chinese mainland <code>2</code> : global <code>3</code> : outside Chinese mainland
----------	----	---------	--

3. Output Parameters

Parameter Name	Type	Description
AllCount	Integer	Total number of results.
DomainList	Array of DomainInfo	List of domain name details.
CreateLimitCount	Integer	The number of domain names that can be added Note: this field may return <code>null</code> , indicating that no valid values can be obtained.
PlayTypeCount	Array of Integer	The number of domains accelerated in the Chinese mainland, globally, and outside the Chinese mainland respectively. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying the domain name list

Input Example

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

{
  "IsDelayLive": "0",
  "PageSize": "10",
```

```
"PageNum": "1",
"DomainStatus": "1",
"DomainType": "1"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "eac6b301-a322-493a-8e36-83b295459397",
    "AllCount": 2,
    "CreateLimitCount": 0,
    "PlayTypeCount": [
      1,
      2,
      3
    ],
    "DomainList": [
      {
        "Name": "abc.com",
        "IsMiniProgramLive": 0,
        "Type": 1,
        "Status": 1,
        "PlayType": 1,
        "IsDelayLive": 0,
        "CreateTime": "2018-08-29 10:00:00",
        "BCName": 1,
        "CurrentCName": "",
        "TargetDomain": "abc.com.liveplay.myqcloud.com",
        "RentTag": 0,
        "RentExpireTime": "0000-00-00 00:00:00"
      }
    ]
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InternalServerError	Internal error.
InternalServerError.ConnectDbError	Database connection error.
InternalServerError.DBError	DB execution error.
InternalServerError.GetBizidError	Error getting user account.
ResourceNotFound.EmptyData	
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.InvalidUser	This API is not supported for the user.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

EnableLiveDomain

最終更新日：：2023-09-06 15:06:31

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to enable a disabled LVB domain name.

A maximum of 100 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: EnableLiveDomain.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	LVB domain name to be enabled.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Enabling a domain name

Input Example

```
https://live.tencentcloudapi.com/?Action=EnableLiveDomain
&DomainName=www.test.com
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "eac6b301-a322-493a-8e36-83b295459397"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.SdkNoPackage	The user has no valid traffic package.
InternalError	Internal error.
InternalError.ConnectDbError	Database connection error.
InternalError.DBError	DB execution error.
InvalidParameter.CloudDomainIsStop	The gifted Tencent Cloud domain name has expired.
InvalidParameter.DomainFormatError	The domain name format is incorrect. Please enter a valid one.
InvalidParameter.DomainHitBlackList	This domain name is on the blacklist.
ResourceNotFound	The resource is not found.
ResourceNotFound.DomainNoRecord	The domain name has no ICP filing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.InvalidUser	This API is not supported for the user.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

ForbidLiveDomain

最終更新日：：2023-09-06 15:06:30

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to disable an LVB domain name.

A maximum of 100 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: ForbidLiveDomain.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	LVB domain name to be disabled.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Disabling a domain name

Input Example

```
https://live.tencentcloudapi.com/?Action=ForbidLiveDomain
&DomainName=5000.livepush.com
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "eac6b301-a322-493a-8e36-83b295459397"
  }
}
```

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.
InternalServerError.ConnectDbError	Database connection error.
InternalServerError.DBError	DB execution error.
ResourceNotFound	The resource is not found.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

ModifyLivePlayDomain

最終更新日：：2023-09-06 15:06:30

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to modify a playback domain name.

A maximum of 200 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: ModifyLivePlayDomain.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Playback domain name.
PlayType	Yes	Integer	Pull domain name type. 1: Mainland China. 2: global, 3: outside Mainland China

3. Output Parameters

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

Name		
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

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

{
  "PlayType": "1",
  "DomainName": "www.test.com"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "eac6b301-a322-493a-8e36-83b295459397"
  }
}
```

5. Developer Resources

SDK

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

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- [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
FailedOperation.DomainGslbFail	Failed to configure the domain rule.
InternalServerError	Internal error.
InternalServerError.NetworkError	Internal network error.
InvalidParameter.DomainHitBlackList	This domain name is on the blacklist.
MissingParameter	Parameter missing.
ResourceInUse	The resource is occupied.
ResourceNotFound	The resource is not found.
ResourceNotFound.DomainNoRecord	The domain name has no ICP filing.
ResourceNotFound.DomainNotExist	The domain name does not exist or is not matched.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.InvalidUser	This API is not supported for the user.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

Watermark Management APIs

AddLiveWatermark

最終更新日：：2023-09-06 15:06:17

1. API Description

Domain name for API request: live.tencentcloudapi.com.

After a watermark is added and a watermark ID is successfully returned, you need to call the [CreateLiveWatermarkRule](#) API to bind the watermark ID to a stream.

After the number of watermarks exceeds the upper limit of 100, to add a new watermark, you must delete an old one first.

A maximum of 100 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: AddLiveWatermark.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
PictureUrl	Yes	String	Watermark image URL. Unallowed characters in the URL: ;(){}\$>`#"
WatermarkName	Yes	String	Watermark name. Up to 16 bytes.

XPosition	No	Integer	Display position: X-axis offset in %. Default value: 0.
YPosition	No	Integer	Display position: Y-axis offset in %. Default value: 0.
Width	No	Integer	Watermark width or its percentage of the live streaming video width. It is recommended to just specify either height or width as the other will be scaled proportionally to avoid distortions. The original width is used by default.
Height	No	Integer	Watermark height, which is set by entering a percentage of the live stream image's original height. You are advised to set either the height or width as the other will be scaled proportionally to avoid distortions. Default value: original height.

3. Output Parameters

Parameter Name	Type	Description
WatermarkId	Integer	Watermark ID.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=AddLiveWatermark
&PictureUrl=http://watermark-10005041.cos.myqcloud.com/1251830167/watermark_img_A
logo.png
&XPosition=80
&YPosition=10
&WatermarkName=logo
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03",
    "WatermarkId": 123
  }
}
```

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.ConfOutLimit	The number of templates exceeded the limit.
InternalServerError.DBError	DB execution error.
InternalServerError.WatermarkAddError	Failed to add the watermark.
InvalidParameter	Invalid parameter.

ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.UserNotFound	The user does not exist.

CreateLiveWatermarkRule

最終更新日：：2023-09-06 15:06:16

1. API Description

Domain name for API request: live.tencentcloudapi.com.

To create a watermarking rule, you need to first call the [AddLiveWatermark](#) API to add a watermark and bind the returned watermark ID to the stream.

A maximum of 200 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: CreateLiveWatermarkRule.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Push domain name.
AppName	Yes	String	Push path, which is the same as the <code>AppName</code> in push and playback addresses and is <code>live</code> by default.
StreamName	Yes	String	Stream name.
TemplateId	Yes	Integer	Watermark ID, which is the <code>WatermarkId</code> returned by the AddLiveWatermark API.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=CreateLiveWatermarkRule
&DomainName=5000.livepush.myqcloud.com
&AppName=live
&StreamName=stream1
&TemplateId=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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

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- [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
FailedOperation.RuleAlreadyExist	The rule already exists.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.ConfNotFound	
InvalidParameter.DomainFormatError	The domain name format is incorrect. Please enter a valid one.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.

ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

DeleteLiveWatermark

最終更新日：：2023-09-06 15:06:16

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to delete a watermark.

A maximum of 100 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: DeleteLiveWatermark.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
WatermarkId	Yes	Integer	Watermark ID. Watermark ID obtained in the returned value of the AddLiveWatermark API call. Watermark ID returned by the <code>DescribeLiveWatermarks</code> API.

3. Output Parameters

--	--	--

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DeleteLiveWatermark
&WatermarkId=123
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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

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- [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.ConfInUsed	The template is in use.
InternalError.DBError	DB execution error.
InternalError.GetBizidError	Error getting user account.
InternalError.GetWatermarkError	An error occurred while getting the watermark.
InternalError.WatermarkNotExist	The watermark does not exist.
InvalidParameter.ConfInUsed	
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.WatermarkNotExist	The watermark does not exist.

DeleteLiveWatermarkRule

最終更新日：：2023-09-06 15:06:16

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to delete a watermarking rule.

A maximum of 200 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: DeleteLiveWatermarkRule.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Push domain name.
AppName	Yes	String	Push path, which is the same as the <code>AppName</code> in push and playback addresses and is <code>live</code> by default.
StreamName	Yes	String	Stream name.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DeleteLiveWatermarkRule
&DomainName=5000.livepush.myqcloud.com
&AppName=live
&StreamName=stream1
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.NotFound	No records found.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.DomainFormatError	The domain name format is incorrect. Please enter a valid one.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLiveWatermark

最終更新日：：2023-09-06 15:06:16

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the information of a single watermark.

A maximum of 500 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: DescribeLiveWatermark.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
WatermarkId	Yes	Integer	Watermark ID returned by the <code>DescribeLiveWatermarks</code> API.

3. Output Parameters

Parameter Name	Type	Description

Watermark	WatermarkInfo	Watermark information.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveWatermark
&WatermarkId=10001
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "Watermark": {
      "WatermarkId": 10001,
      "PictureUrl": "http://watermark.myqcloud.com/watermark_img_Alogo1.png",
      "XPosition": 80,
      "YPosition": 10,
      "Width": 0,
      "Height": 0,
      "WatermarkName": "logo",
      "Status": 1,
      "CreateTime": "2018-09-07T15:55:23Z"
    },
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.NotFound	No records found.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.

ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLiveWatermarkRules

最終更新日：：2023-09-06 15:06:16

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the watermarking rule list.

A maximum of 500 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: DescribeLiveWatermarkRules.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.

3. Output Parameters

Parameter Name	Type	Description
Rules	Array of RuleInfo	Watermarking rule list.

RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.
-----------	--------	--

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveWatermarkRules
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "Rules": [
      {
        "CreateTime": "2018-09-12T15:52:01Z",
        "UpdateTime": "2018-10-12T18:00:05Z",
        "TemplateId": 1000,
        "DomainName": "yourdomain.test.com",
        "AppName": "live",
        "StreamName": "stream1"
      }
    ],
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.

ResourceNotFound.UserDisableService

You disabled the service.

DescribeLiveWatermarks

最終更新日：：2023-09-06 15:06:16

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the watermark list.

A maximum of 500 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: DescribeLiveWatermarks.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.

3. Output Parameters

Parameter Name	Type	Description
TotalNum	Integer	Total number of watermarks.
WatermarkList	Array of	Watermark information list.

	WatermarkInfo	
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveWatermarks
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03",
    "TotalNum": 1,
    "WatermarkList": [
      {
        "WatermarkId": 123,
        "PictureUrl": "http://watermark.myqcloud.com/watermark_img_Alogo1.png",
        "XPosition": 80,
        "YPosition": 10,
        "Width": 0,
        "Height": 0,
        "WatermarkName": "logo",
        "Status": 1,
        "CreateTime": "2018-09-07T15:55:23Z"
      }
    ]
  }
}
```

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
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

UpdateLiveWatermark

最終更新日：：2023-09-06 15:06:15

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to update a watermark.

A maximum of 100 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: UpdateLiveWatermark.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
WatermarkId	Yes	Integer	Watermark ID. Get the watermark ID in the returned value of the AddLiveWatermark API call.
PictureUrl	Yes	String	Watermark image URL. Unallowed characters in the URL: ;(){}\$>`#"
XPosition	Yes	Integer	Display position: X-axis offset in %. Default value: 0.
YPosition	Yes	Integer	Display position: Y-axis offset in %. Default value: 0.

WatermarkName	No	String	Watermark name. Up to 16 bytes.
Width	No	Integer	Watermark width or its percentage of the live streaming video width. It is recommended to just specify either height or width as the other will be scaled proportionally to avoid distortions. The original width is used by default.
Height	No	Integer	Watermark height or its percentage of the live streaming video width. It is recommended to just specify either height or width as the other will be scaled proportionally to avoid distortions. The original height is used by default.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=UpdateLiveWatermark
&WatermarkId=123
&PictureUrl=http://watermark-10005041.cos.myqcloud.com/1251830167/watermark_img_A
logo.png
&XPosition=80
&YPosition=10
&WatermarkName=logo
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
```

```
}  
}
```

5. Developer Resources

SDK

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- [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.
InternalServerError.DBError	DB execution error.
InternalServerError.GetBizidError	Error getting user account.
InternalServerError.WatermarkEditError	An internal error occurred while modifying the watermark.
InternalServerError.WatermarkNotExist	The watermark does not exist.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.

ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.WatermarkNotExist	The watermark does not exist.

Certificate Management APIs

DescribeLiveDomainCert

最終更新日：：2023-09-06 15:06:33

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the domain name certificate information.

A maximum of 500 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: DescribeLiveDomainCert.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Playback domain name.

3. Output Parameters

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

DomainCertInfo	DomainCertInfo	Certificate information.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveDomainCert
&DomainName=5000.livepush.myqcloud.com
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "DomainCertInfo": {
      "CertId": 1000,
      "CertName": "testName",
      "Description": "testDesc",
      "CreateTime": "2018-11-30T15:50:12Z",
      "HttpsCrt": "xxx",
      "CertType": 0,
      "CertExpireTime": "2018-12-30T15:50:12Z",
      "DomainName": "5000.livepush.play.com",
      "Status": 1
    },
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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

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- [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
FailedOperation.InvokeVideoApiFail	An exception occurred while manipulating the VOD API.
InternalServerError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.CrtDomainNotFound	No certificate was found.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLiveDomainCertBindings

最終更新日：：2023-09-06 15:06:33

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query domains bound with certificates.

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: DescribeLiveDomainCertBindings.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainSearch	No	String	The keyword to use to search for domains.
Offset	No	Integer	The number of records to skip before starting to return any results. 0 means to start from the first record and is the default.
Length	No	Integer	The maximum number of records to return. The default is 50. If this parameter is not specified, up to 50 records will be returned.
DomainName	No	String	The name of a particular domain to query.
OrderBy	No	String	Valid values:

			ExpireTimeAsc: Sort the records by certificate expiration time in ascending order. ExpireTimeDesc: Sort the records by certificate expiration time in descending order.
--	--	--	--

3. Output Parameters

Parameter Name	Type	Description
LiveDomainCertBindings	Array of LiveDomainCertBindings	The information of domains that meet the query criteria.
TotalNum	Integer	The number of records returned, which is needed for pagination.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

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

{
  "DomainSearch": "",
  "DomainName": "abc.com",
  "Offset": 0,
  "Length": 50
}
```

Output Example

```
{
  "Response": {
```

```
"RequestId": "3b4a072b-9f74-4baa-9200-1e0858baa7a5",
"LiveDomainCertBindings": [],
"TotalNum": 0
}
}
```

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
FailedOperation	Operation failed.
InternalError	Internal error.
InternalError.ConnectDbError	Database connection error.
InternalError.DBError	DB execution error.
InvalidParameter	Invalid parameter.

ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

ModifyLiveDomainCertBindings

最終更新日：：2023-09-06 15:06:32

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to bind a certificate to multiple playback domains and update the HTTPS configuration of the domains.

If a self-owned certificate is used, it will be automatically uploaded to Tencent Cloud's SSL Certificate Service.

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: ModifyLiveDomainCertBindings.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainInfos.N	Yes	Array of LiveCertDomainInfo	The playback domains to bind and whether to enable HTTPS for them. If neither <code>CloudCertId</code> nor the public/private key is specified, and a domain is already bound with a certificate, this API will only update the HTTPS configuration of the domain and, if the certificate is a self-owned certificate, upload it to Tencent Cloud.

CloudCertId	No	String	The SSL certificate ID assigned by Tencent Cloud. For details, see https://intl.cloud.tencent.com/document/api/400/416 from_cn_redirect=1
CertificatePublicKey	No	String	The public key of the certificate. You can specify either <code>CloudCertId</code> or the public/private key. If both are specified, the private and public key parameters will be ignored. If you pass in only the public and private keys, the corresponding certificate will be uploaded to Tencent Cloud SSL Certificate Service, which will generate a <code>CloudCertId</code> for the certificate.
CertificatePrivateKey	No	String	The private key of the certificate. You can specify either <code>CloudCertId</code> or the public/private key. If both are specified, the private and public key parameters will be ignored. If you pass in only the public and private keys, the corresponding certificate will be uploaded to Tencent Cloud SSL Certificate Service, which will generate a <code>CloudCertId</code> for the certificate.
CertificateAlias	No	String	The remarks for the certificate in Tencent Cloud SSL Certificate Service. This parameter will be ignored if <code>CloudCertId</code> is specified.

3. Output Parameters

Parameter Name	Type	Description
MismatchedDomainNames	Array of String	The domains skipped due to certificate mismatch.
Errors	Array of BatchDomainOperateErrors	The domains that the API failed to bind, including those in <code>MismatchedDomainNames</code> , and the error information. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating

	a problem.
--	------------

4. Example

Example1 Sample request

Input Example

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

{
  "CloudCertId": "hZy2N9vF",
  "DomainInfos": [
    {
      "DomainName": "abc.tst.com.cn",
      "Status": 1
    }
  ]
}
```

Output Example

```
{
  "Response": {
    "RequestId": "cb91d382-e9be-4688-9008-d57088271b5f",
    "MismatchedDomainNames": [],
    "Errors": []
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
FailedOperation.AuthError	You do not have permission to perform this operation.
FailedOperation.CannotBeDeletedIssued	Failed to delete the certificate because it has been issued.
FailedOperation.CannotBeDeletedWithinHour	Free certificates cannot be deleted within one hour of application.
FailedOperation.CertificateExists	The certificate already exists.
FailedOperation.CertificateInvalid	The certificate is invalid.
FailedOperation.CertificateMismatch	The certificate and the private key do not match.
FailedOperation.CertificateNotFound	The certificate does not exist.
FailedOperation.ConfigCDNFailed	CDN configuration failed.
FailedOperation.ExceedsFreeLimit	The number of free certificates exceeded the limit.
FailedOperation.InvalidCertificateStatusCode	Invalid certificate status.
FailedOperation.InvalidParam	Invalid parameter.
FailedOperation.NetworkError	The CA system is busy. Try again later.

FailedOperation.NoProjectPermission	You do not have permission to operate this project.
FailedOperation.NoRealNameAuth	You haven't completed identity verification.
InternalServerError	Internal error.
InternalServerError.ConnectDbError	Database connection error.
InternalServerError.CrtDateInUsing	The certificate is in use.
InternalServerError.CrtDateNotFound	The certificate does not exist.
InternalServerError.CrtDateNotLegal	The certificate is invalid.
InternalServerError.CrtDateOverdue	The certificate has expired.
InternalServerError.CrtDomainNotFound	There is no related domain name.
InternalServerError.CrtKeyNotMatch	The certificate key does not match.
InternalServerError.DBError	DB execution error.
InternalServerError.NetworkError	Internal network error.
InvalidParameter	Invalid parameter.
InvalidParameter.CloudCrtIdError	Incorrect Tencent Cloud-hosted certificate ID.
InvalidParameter.CrtDateInUsing	The certificate is in use.
InvalidParameter.CrtDateNotFound	The certificate does not exist.
InvalidParameter.CrtDateNotLegal	The certificate is invalid.
InvalidParameter.CrtDateOverdue	The certificate has expired.
InvalidParameter.CrtDomainNotFound	Unable to find the domain.
InvalidParameter.CrtKeyNotMatch	The certificate key does not match.
InvalidParameter.CrtOrKeyNotExist	The certificate content or private key was not provided.
LimitExceeded.RateLimitExceeded	Reached the API rate limit.
ResourceNotFound.CrtDateNotFound	The certificate does not exist.
ResourceNotFound.CrtDomainNotFound	No certificate was found.
ResourceNotFound.DomainNotExist	The domain name does not exist or is not matched.

ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

UnBindLiveDomainCert

最終更新日：：2023-09-06 15:06:32

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to unbind a domain name certificate.

A maximum of 200 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: UnBindLiveDomainCert.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Playback domain name.
Type	No	String	Valid values: <code>gray</code> : unbind the canary certificate <code>formal</code> (default): unbind the formal certificate <code>formal</code> will be used if no value is passed in

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=UnBindLiveDomainCert
&DomainName=5000.livepush.myqcloud.com
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLiveCert

最終更新日：：2023-09-06 15:06:33

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get certificate information.

A maximum of 500 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: DescribeLiveCert.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
CertId	Yes	Integer	Certificate ID obtained through the <code>DescribeLiveCerts</code> API.

3. Output Parameters

Parameter Name	Type	Description
CertInfo	CertInfo	Certificate information.

RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.
-----------	--------	--

4. Example

Example1 Getting certificate details

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveCert
&CertId=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "CertInfo": {
      "CertId": 1000,
      "CertName": "testName",
      "Description": "testDesc",
      "CreateTime": "2018-11-30T15:50:12Z",
      "HttpsCrt": "xxx",
      "CertType": 0,
      "CertExpireTime": "2018-12-30T15:50:12Z",
      "DomainList": [
        "5000.livepush.play.com"
      ],
    },
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.InvokeVideoApiFail	An exception occurred while manipulating the VOD API.
InternalServerError	Internal error.
InternalServerError.CrtDomainNotFound	There is no related domain name.
InternalServerError.DBError	DB execution error.
InternalServerError.InvalidInput	Parameter check failed.
ResourceNotFound.CrtDomainNotFound	No certificate was found.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLiveCerts

最終更新日：：2023-09-06 15:06:33

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the certificate information list.

A maximum of 500 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: DescribeLiveCerts.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.

3. Output Parameters

Parameter Name	Type	Description
CertInfoSet	Array of CertInfo	Certificate information list.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveCerts
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "CertInfoSet": [
      {
        "CertId": 1000,
        "CertName": "testName",
        "Description": "testDesc",
        "CreateTime": "2018-11-30T15:50:12Z",
        "HttpsCrt": "xxx",
        "CertType": 0,
        "CertExpireTime": "2018-12-30T15:50:12Z",
        "DomainList": [
          "5000.livepush.play.com"
        ]
      }
    ],
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

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
FailedOperation.InvokeVideoApiFail	An exception occurred while manipulating the VOD API.
InternalServerError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.CrtDomainNotFound	No certificate was found.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

Live Stream Mix APIs

CancelCommonMixStream

最終更新日：：2023-09-06 15:06:26

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to cancel a stream mix. It can be used basically in the same way as

```
mix_streamv2.cancel_mix_stream .
```

A maximum of 100 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: CancelCommonMixStream.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
MixStreamSessionId	Yes	String	ID of stream mix session (from applying for stream mix to canceling stream mix). This value is the same as the <code>MixStreamSessionId</code> in <code>CreateCommonMixStream</code> .

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Canceling stream mix

This example shows you how to cancel a stream mix by session ID.

Input Example

```
https://live.tencentcloudapi.com/?Action=CancelCommonMixStream
&MixStreamSessionId=test_room
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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

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- [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
FailedOperation	Operation failed.
FailedOperation.CallOtherSvrError	Failed to call the third-party service.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
FailedOperation.CancelSessionNotExist	The canceled stream mix session does not exist.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameter.CancelSessionNotExist	The canceled session does not exist.
InvalidParameter.OtherError	Other errors.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

CreateCommonMixStream

最終更新日：：2023-09-06 15:06:26

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to create a general stream mix. It can be used basically in the same way as the legacy

`mix_streamv2.start_mix_stream_advanced` API.

Note: currently, up to 16 streams can be mixed.

Best practice: https://intl.cloud.tencent.com/document/product/267/45566?from_cn_redirect=1

A maximum of 200 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: CreateCommonMixStream.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
MixStreamSessionId	Yes	String	ID of a stream mix session (from applying for the stream mix to cancelling it). This parameter can contain up to 80 bytes of letters, digits, and underscores.
InputStreamList.N	Yes	Array of	Input stream list for stream mix.

		CommonMixInputParam	
OutputParams	Yes	CommonMixOutputParams	Output stream parameter for stream mix.
MixStreamTemplateId	No	Integer	Input template ID. If this parameter is set, the output will be generated according to the default template layout, and there is no need to enter the custom position parameters. If this parameter is left empty, 0 will be used by default. For two input sources, 10, 20, 30, 40, and 50 are supported. For three input sources, 310, 390, and 391 are supported. For four input sources, 410 is supported. For five input sources, 510 and 590 are supported. For six input sources, 610 is supported.
ControlParams	No	CommonMixControlParams	Special control parameter for stream mix. If there are no special needs, leave it empty.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Applying for stream mix — using template 40

This example shows you how to use a preset stream mix template to mix streams.

Input Example

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

{
  "MixStreamTemplateId": 40,
  "MixStreamSessionId": "test_room",
  "InputStreamList": [
    {
      "LayoutParams": {
        "ImageLayer": 1
      },
      "InputStreamName": "test_stream1"
    },
    {
      "LayoutParams": {
        "ImageLayer": 2
      },
      "InputStreamName": "test_stream2"
    }
  ],
  "OutputParams": {
    "OutputStreamName": "test_stream1"
  }
}
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

Example2 Applying for stream mix — using custom layout parameters

This example shows you how to use a custom layout.

Input Example

```
POST / HTTP/1.1
Host: live.tencentcloudapi.com
Content-Type: application/json
```



```
X-TC-Action: CreateCommonMixStream
<Common request parameters>

{
  "InputStreamList": [
    {
      "LayoutParams": {
        "ImageLayer": 1,
        "ImageHeight": 720,
        "ImageWidth": 1280
      },
      "InputStreamName": "test_stream1"
    },
    {
      "LayoutParams": {
        "ImageLayer": 2,
        "ImageHeight": 320,
        "ImageWidth": 240,
        "LocationX": 100,
        "LocationY": 100
      },
      "InputStreamName": "test_stream2"
    }
  ],
  "OutputParams": {
    "OutputStreamName": "test_stream1"
  },
  "MixStreamSessionId": "test_room"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

Example3 Applying for stream mix — using cropping parameters

This example shows you how to use cropping parameters.

Input Example

```
POST / HTTP/1.1
Host: live.tencentcloudapi.com
```

```
Content-Type: application/json
X-TC-Action: CreateCommonMixStream
<Common request parameters>

{
  "InputStreamList": [
    {
      "LayoutParams": {
        "ImageLayer": 1,
        "ImageHeight": 720,
        "ImageWidth": 1280
      },
      "InputStreamName": "test_stream1"
    },
    {
      "LayoutParams": {
        "ImageLayer": 2,
        "ImageHeight": 320,
        "ImageWidth": 240,
        "LocationX": 100,
        "LocationY": 100
      },
      "InputStreamName": "test_stream2",
      "CropParams": {
        "CropWidth": 240,
        "CropHeight": 320,
        "CropStartLocationX": 100,
        "CropStartLocationY": 100
      }
    }
  ],
  "OutputParams": {
    "OutputStreamName": "test_stream1"
  },
  "MixStreamSessionId": "test_room"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
FailedOperation.CallOtherSvrError	Failed to call the third-party service.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
FailedOperation.CancelSessionNotExist	The canceled stream mix session does not exist.
FailedOperation.GetPictureUrlError	Unable to get the watermark URL.
FailedOperation.GetStreamResolutionError	Failed to get the input stream length and width.
FailedOperation.ProcessMixError	Failed to start stream mix.
FailedOperation.StreamNotExist	The stream does not exist.
InternalError	Internal error.

InternalError.JiFeiOtherError	The billing platform returned other errors.
InvalidParameter	Invalid parameter.
InvalidParameter.CancelSessionNotExist	The canceled session does not exist.
InvalidParameter.InputNumLimitExceeded	The number of inputs exceeds the limit.
InvalidParameter.InvalidBackgroundResolution	Invalid background length and width.
InvalidParameter.InvalidBitrate	Invalid output bitrate.
InvalidParameter.InvalidCropParam	The cropped area overflows the original image.
InvalidParameter.InvalidLayerParam	Invalid layer parameter.
InvalidParameter.InvalidOutputStreamID	The output stream ID is already used.
InvalidParameter.InvalidOutputType	Invalid output type. Please check whether <code>OutputParam-StreamId</code> and <code>OutputType</code> match.
InvalidParameter.InvalidPictureID	The watermark ID was not set.
InvalidParameter.InvalidRoundRectRadius	Invalid corner radius of the rounded rectangle.
InvalidParameter.OtherError	Other errors.
InvalidParameter.SessionOutputStreamChanged	The output stream of the same session has changed.
InvalidParameter.TemplateNotMatchInputNum	The template does not match the number of input streams.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

Stream Pulling APIs

RestartLivePullStreamTask

最終更新日：：2023-09-20 11:50:55

1. API Description

Domain name for API request: live.tencentcloudapi.com.

Restart the running live streaming pull task.

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: RestartLivePullStreamTask.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product. This API only supports: ap-bangkok, ap-beijing, ap-guangzhou, ap-hongkong, ap-mumbai, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
TaskId	Yes	String	Task Id.
Operator	Yes	String	task operator.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1

Input Example

```
POST / HTTP/1.1
Host: live.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: RestartLivePullStreamTask
<common request parameters>

{
  "TaskId": "123",
  "Operator": "admin"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "1047d0dc-6dc8-4898-a7f3-03726a822b0e"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameter.TaskNotExist	The task does not exist.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DeleteLivePullStreamTask

最終更新日：：2023-09-06 15:06:19

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to delete a task created by `CreateLivePullStreamTask` .

Notes:

1. For the `TaskId` request parameter, pass in the task ID returned by the `CreateLivePullStreamTask` API.
2. You can query the ID of a task using the `DescribeLivePullStreamTasks` API.

A maximum of 50 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: DeleteLivePullStreamTask.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product. This API only supports: ap-bangkok, ap-beijing, ap-guangzhou, ap-hongkong, ap-mumbai, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
TaskId	Yes	String	The task ID.
Operator	Yes	String	The operator.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DeleteLivePullStreamTask
&TaskId=10000
&Operator=zhangsan
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InternalError	Internal error.
InternalError.InvalidInput	Parameter check failed.
InvalidParameter.TaskNotExist	The task does not exist.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.UserNotExist	The LVB service has not been activated.

DescribeLivePullStreamTasks

最終更新日：：2023-09-06 15:06:19

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the stream pulling tasks created by `CreateLivePullStreamTask`.

The tasks returned are sorted by last updated time in descending order.

A maximum of 30 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: DescribeLivePullStreamTasks.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product. This API only supports: ap-bangkok, ap-beijing, ap-guangzhou, ap-hongkong, ap-mumbai, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
TaskId	No	String	The task ID. A task ID is returned by the <code>CreateLivePullStreamTask</code> API. If you do not pass this parameter, all tasks will be returned, sorted by last updated time in descending order.

PageNum	No	Integer	The number of page to start from. Default value: 1.
PageSize	No	Integer	The maximum number of records per page. Default value: 10. Valid values: Any integer between 1 and 20.

3. Output Parameters

Parameter Name	Type	Description
TaskInfos	Array of PullStreamTaskInfo	The information of stream pulling tasks.
PageNum	Integer	The page number.
PageSize	Integer	The number of records per page.
TotalNum	Integer	The total number of records.
TotalPage	Integer	The total number of pages.
LimitTaskNum	Integer	The maximum number of tasks allowed.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: live.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeLivePullStreamTasks
<Common Request Parameters>

{
  "TaskId": "123"
}
```

Output Example

```
{
  "Response": {
    "TaskInfos": [
      {
        "AppName": "live",
        "Region": "ap-beijing",
        "CallbackInfo": "",
        "CallbackEvents": [
          "TaskStart",
          "TaskExit"
        ],
        "CallbackUrl": "",
        "CreateBy": "yourname",
        "DomainName": "yourdomain.com",
        "EndTime": "2020-04-25T00:30:00Z",
        "ErrorInfo": "",
        "PushArgs": "txsecret=7cbb8f382a21e8d2f6cd8098100d3b8e&txtime=5ea0450d",
        "SourceType": "PullLivePushLive",
        "SourceUrls": [
          "http://yourdomain/live/test.flv"
        ],
        "StartTime": "2020-04-20T00:30:00Z",
        "Status": "enable",
        "StreamName": "teststream",
        "Comment": "xx",
        "TaskId": "10054",
        "UpdateBy": "",
        "UpdateTime": "2020-04-23T05:07:43Z",
        "CreateTime": "2020-04-20T05:07:43Z",
        "VodLoopTimes": -1,
        "VodRefreshType": "ImmediateNewSource",
        "VodLocalMode": 0,
        "BackupSourceType": "",
        "BackupSourceUrl": "",
        "WatermarkList": [],
        "RecentPullInfo": {
          "FileUrl": "http://yourdomain/live/test.flv",
          "OffsetTime": 95,
          "LoopedTimes": 0,
          "ReportTime": "2020-04-23T08:20:39Z"
        }
      }
    ],
    "PageNum": 1,
    "PageSize": 10,
  }
}
```

```
"TotalNum": 1,
"TotalPage": 1,
"LimitTaskNum": 20,
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
```

5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InternalError	Internal error.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.

ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.UserNotExist	The LVB service has not been activated.

ModifyLivePullStreamTask

最終更新日：：2023-09-20 11:50:26

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to modify a stream pulling task.

1. You cannot modify the destination URL. To publish to a new destination, please create a new task.
2. You cannot modify the source type. To use a different source type, please create a new task.

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: ModifyLivePullStreamTask.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product. This API only supports: ap-bangkok, ap-beijing, ap-guangzhou, ap-hongkong, ap-mumbai, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
TaskId	Yes	String	The task ID.

Operator	Yes	String	The operator.
SourceUrls.N	No	Array of String	The source URL(s). If <code>SourceType</code> is <code>PullLivePushLive</code>, you can specify only one source URL. If <code>SourceType</code> is <code>PullVodPushLive</code>, you can specify at most 30 source URLs.
StartTime	No	String	The start time. It must be in UTC format. Example: 2019-01-08T10:00:00Z. Note: Beijing time is 8 hours ahead of UTC. The ISO 8601 format is used.
EndTime	No	String	The end time. Notes: 1. The end time must be later than the start time. 2. The end time and start time must be later than the current time. 3. The end time and start time must be less than seven days apart. It must be in UTC format. Example: 2019-01-08T10:00:00Z. Note: Beijing time is 8 hours ahead of UTC. The ISO 8601 format is used.
VodLoopTimes	No	Integer	The number of times to loop video files. -1: Loop indefinitely 0: Do not loop > 0: The number of loop times. A task will end either when the videos are looped for the specified number of times or at the specified task end time, whichever is earlier. This parameter is valid only if the source is video files.
VodRefreshType	No	String	The behavior after the source video files (<code>SourceUrls</code>) are changed. ImmediateNewSource: Play the new videos immediately ContinueBreakPoint: Finish the current video first and then pull from the new source. This parameter is valid only if the source is video files.

Status	No	String	Whether to enable or pause the task. Valid values: enable pause
CallbackEvents.N	No	Array of String	The events to listen for. If you do not pass this parameter, all events will be listened for. TaskStart: Callback for starting a task TaskExit: Callback for ending a task VodSourceFileStart: Callback for starting to pull from video files VodSourceFileFinish: Callback for stopping pulling from video files ResetTaskConfig: Callback for modifying a task
CallbackUrl	No	String	A custom callback URL. Callbacks will be sent to this URL.
FileIndex	No	Integer	The index of the video to start from. The value of this parameter cannot be smaller than 1 or larger than the number of elements in <code>SourceUrls</code> .
OffsetTime	No	Integer	The playback offset (seconds). Notes: 1. This parameter should be used together with <code>FileIndex</code> .
Comment	No	String	The remarks for the task.
BackupSourceType	No	String	The backup source type. PullLivePushLive: Live streaming PullVodPushLive: Video files Notes: 1. Backup sources are supported only if the primary source type is live streaming. 2. Leaving this parameter empty will reset the backup source. 3. When pull from the primary source is interrupted, the system will pull from the backup source. 4. If the backup source is a video file, each time the video is finished, the system will check if the primary source is recovered and will switch back if it is.

BackupSourceUrl	No	String	The URL of the backup source. You can specify only one backup source URL.
WatermarkList.N	No	Array of PullPushWatermarkInfo	The information of watermarks to add. Notes: 1. You can add up to four watermarks to different locations of the video. 2. Make sure you use publicly accessible URLs for the watermark images. 3. Supported image formats include PNG and JPG. 4. If you change the watermark configuration of a task whose source is a list of video files, the new configuration will take effect for the next file in the list. 5. If you change the watermark configuration of a task whose source is a live stream, the new configuration will take effect immediately. 6. If you want to stop using watermarks, pass in an empty array. 7. Currently, animated watermarks are not supported.
VodLocalMode	No	Integer	Whether to use local mode when the source type is video files. The default is <code>0</code> . 0: Do not use local mode 1: Use local mode Note: If you enable local mode, MP4 files will be downloaded to local storage, and the local files will be used for push. This ensures more reliable push. Pushing a local file will incur additional fees.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

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

{
  "Operator": "yourname",
  "EndTime": "2020-04-17T12:02:00Z",
  "StartTime": "2020-04-16T11:02:00Z",
  "TaskId": "123",
  "SourceUrls": [
    "rtmp://your.domainname.com/live/stream1"
  ]
}
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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

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- [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
FailedOperation	Operation failed.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InvalidParameter	Invalid parameter.
InvalidParameter.InvalidBackupToUrl	invalid BackupToUrl.
InvalidParameter.InvalidCallbackUrl	Invalid callback URL.
InvalidParameter.InvalidSourceUrl	Invalid source URL.
InvalidParameter.InvalidTaskTime	The time period of the task exceeded the limit.
InvalidParameter.InvalidToUrl	Invalid destination URL.
InvalidParameter.InvalidWatermark	Invalid watermark parameter.
InvalidParameter.TaskNotExist	The task does not exist.
InvalidParameter.ToUrlNoPermission	No permission to access the external URL.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.UserNotExist	The LVB service has not been activated.

CreateLivePullStreamTask

最終更新日：：2023-09-20 11:50:26

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to create a task to pull streams from video files or an external live streaming source and publish them to a specified destination URL.

Notes:

1. By default, you can have at most 20 stream pulling tasks at a time. You can submit a ticket to raise the limit.
2. Only H.264 and H.265 are supported for video. If the source video is in a different format, please transcode it first.
3. Only AAC is supported for audio. If the source audio is in a different format, please transcode it first.
4. You can enable auto deletion in the console to delete expired tasks automatically.
5. The pull and relay feature is a paid feature. For its billing details, see [Relay](#).
6. CSS is only responsible for pulling and relaying content. Please make sure that your content is authorized and complies with relevant laws and regulations. In case of copyright infringement or violation of laws or regulations, CSS will suspend its service for you and reserves the right to seek legal remedies.

A maximum of 50 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: CreateLivePullStreamTask.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.

Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product. This API only supports: ap-bangkok, ap-beijing, ap-guangzhou, ap-hongkong, ap-mumbai, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
SourceType	Yes	String	The source type. Valid values: PullLivePushLive: Live streaming PullVodPushLive: Video files PullPicPushLive: Images
SourceUrls.N	Yes	Array of String	The source URL(s). If <code>SourceType</code> is <code>PullLivePushLive</code> , you can specify only one source URL. If <code>SourceType</code> is <code>PullVodPushLive</code> , you can specify at most 30 source URLs. Supported file formats: FLV, MP4, HLS. Supported protocols: HTTP, HTTPS, RTMP, RTMPS, RTSP, SRT. Notes: 1. We recommend you use FLV files as the source. Poorly interleaved MP4 files may result in playback stuttering. You can also re-interleave your MP4 files before adding them as the source. 2. Do not use private network domains or malicious URLs. CSS will block accounts that do. 3. To avoid push and playback issues, make sure the source files are properly interleaved. 4. Supported video coding formats: H.264, H.265. 5. Supported audio coding format: AAC. 6. Use small video files, preferably not longer than one hour. Large files may take a long time to load or resume after pause. Relay may fail if the time consumed exceeds 15 seconds.
DomainName	Yes	String	The push domain name. The pulled stream is pushed to this domain. Note: If the destination is not a CSS address and its format is different from that of CSS

			addresses, pass the full address to <code>ToUrl</code> . For details, see the description of the <code>ToUrl</code> parameter.
AppName	Yes	String	The application to push to. The pulled stream is pushed to this application.
StreamName	Yes	String	The stream name. The pulled stream is pushed under this name.
StartTime	Yes	String	The start time. It must be in UTC format. Example: 2019-01-08T10:00:00Z. Note: Beijing time is 8 hours ahead of UTC. The ISO 8601 format is used.
EndTime	Yes	String	The end time. Notes: 1. The end time must be later than the start time. 2. The end time and start time must be later than the current time. 3. The end time and start time must be less than seven days apart. It must be in UTC format. Example: 2019-01-08T10:00:00Z. Note: Beijing time is 8 hours ahead of UTC. The ISO 8601 format is used.
Operator	Yes	String	The operator.
PushArgs	No	String	The push parameter. This is a custom parameter carried during push. Example: bak=1&test=2
CallbackEvents.N	No	Array of String	The events to listen for. If you do not pass this parameter, all events will be listened for. TaskStart: Callback for starting a task TaskExit: Callback for ending a task VodSourceFileStart: Callback for starting to pull from video files VodSourceFileFinish: Callback for stopping pulling from video files ResetTaskConfig: Callback for modifying a task

			<code>TaskAlarm</code> indicates a warning event. <code>AlarmType</code> examples: <code>PullFileUnstable</code>: Pull from video files is unstable. <code>PushStreamUnstable</code>: Push is unstable. <code>PullFileFailed</code>: Error pulling from video files. <code>PushStreamFailed</code>: Push error. <code>FileEndEarly</code>: The video file ended prematurely.
VodLoopTimes	No	String	The number of times to loop video files. Default value: -1. -1: Loop indefinitely 0: Do not loop > 0: The number of loop times. A task will end either when the videos are looped for the specified number of times or at the specified task end time, whichever is earlier. This parameter is valid only when the source is video files.
VodRefreshType	No	String	The behavior after the source video files (<code>SourceUrls</code>) are changed. <code>ImmediateNewSource</code>: Play the new videos immediately <code>ContinueBreakPoint</code>: Play the new videos after the current video is finished playing (the remaining videos in the old playlist will not be played). This parameter is valid only if the source before the change is video files.
CallbackUrl	No	String	A custom callback URL. Callbacks about pull and relay events will be sent to this URL.
ExtraCmd	No	String	Other parameters. For example, you can use <code>ignore_region</code> to ignore the region passed in and assign a region based on load distribution.
Comment	No	String	The remarks for a task, not longer than 512 bytes.

ToUrl	No	String	The complete destination URL. If you specify this parameter, make sure you pass in an empty string for <code>DomainName</code> , <code>AppName</code> , and <code>StreamName</code> . Note: Make sure that the expiration time of the signature is later than the task end time.
BackupSourceType	No	String	The backup source type. PullLivePushLive: Live streaming PullVodPushLive: Video files Notes: 1. Backup sources are supported only if the primary source type is live streaming. 2. When pull from the primary source is interrupted, the system will pull from the backup source. 3. If the backup source is a video file, each time the video is finished, the system will check if the primary source is recovered and will switch back if it is.
BackupSourceUrl	No	String	The URL of the backup source. You can specify only one backup source URL.
WatermarkList.N	No	Array of PullPushWatermarkInfo	The information of watermarks to add. Notes: 1. You can add up to four watermarks to different locations of the video. 2. Make sure you use publicly accessible URLs for the watermark images. 3. Supported image formats include PNG, JPG, and GIF.
VodLocalMode	No	Integer	Whether to use local mode when the source type is video files. The default is <code>0</code> . 0: Do not use local mode 1: Use local mode Note: If you enable local mode, MP4 files will be downloaded to local storage, and the local files will be used for push. This ensures more reliable push. Pushing a local file will incur additional fees.

3. Output Parameters

Parameter Name	Type	Description
TaskId	String	The task ID.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

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

{
  "SourceType": "PullLivePushLive",
  "DomainName": "5000.livepush.myqcloud.com",
  "SourceUrls": [
    "rtmp://5000.liveplay.myqcloud.com/live/stream1"
  ],
  "StreamName": "test",
  "AppName": "live",
  "StartTime": "2019-12-16T11:02:00Z",
  "Operator": "vinson",
  "EndTime": "2019-12-17T12:02:00Z"
}
```

Output Example

```
{
  "Response": {
    "TaskId": "10000",
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InvalidParameter	Invalid parameter.
InvalidParameter.InvalidBackupToUrl	invalid BackupToUrl.
InvalidParameter.InvalidCallbackUrl	Invalid callback URL.
InvalidParameter.InvalidMixInputParam	
InvalidParameter.InvalidOutputParam	
InvalidParameter.InvalidSourceUrl	Invalid source URL.

InvalidParameter.InvalidTaskTime	The time period of the task exceeded the limit.
InvalidParameter.InvalidToUrl	Invalid destination URL.
InvalidParameter.InvalidWatermark	Invalid watermark parameter.
InvalidParameter.TaskNotExist	The task does not exist.
InvalidParameter.TaskNumMoreThanLimit	The number of tasks reached the limit.
InvalidParameter.ToUrlNoPermission	No permission to access the external URL.
InvalidParameterValue	Invalid parameter value.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.UserNotExist	The LVB service has not been activated.

Recording Management APIs

DescribeRecordTask

最終更新日：：2023-09-06 15:06:21

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to retrieve a list of recording tasks that were started and ended within a specified time range.

- Prerequisites:

1. This API is only used to query recording tasks created by the CreateRecordTask interface.
2. It cannot retrieve recording tasks that have been deleted by the DeleteRecordTask interface or tasks that have expired (platform retains for 3 months).

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: DescribeRecordTask.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product. This API only supports: ap-bangkok, ap-guangzhou, ap-hongkong, ap-jakarta, ap-mumbai, ap-seoul, ap-

			singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley, na-toronto, sa-saopaulo.
StartTime	Yes	Integer	The start time of the tasks to retrieve in Unix timestamp. The time range should not be earlier than 90 days before the current time, and the query span should not exceed one week.
EndTime	Yes	Integer	The end time of the tasks to retrieve in Unix timestamp. The EndTime must be greater than the StartTime. The time range should not be earlier than 90 days before the current time, and the query span should not exceed one week. (Note: the start and end times of the task must be within the query time range).
StreamName	No	String	Stream name.
DomainName	No	String	Push domain name.
AppName	No	String	Push path.
ScrollToken	No	String	Page token used for batch retrieval: If a single request cannot retrieve all data, the interface will return a ScrollToken. The next request carrying this token will start retrieving from the next record.

3. Output Parameters

Parameter Name	Type	Description
ScrollToken	String	Page token: When the request does not return all data, this field indicates the token of the next record. When this field is empty, it means there is no more data.
TaskList	Array of RecordTask	List of recording tasks. When this field is empty, it means all data has been returned.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeRecordTask
&AppName=live
&DomainName=5000.live.push.com
&StreamName=livetest
&StartTime=1595779200
&EndTime=1595865600
&<common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "eac6b301-a322-493a-8e36-83b295459397",
    "ScrollToken": "",
    "TaskList": [
      {
        "TaskId": "UpTbk5RSVhRQFkAAfHwQCCjcRD0lRFcZ0xTS1NTQ1t1RVRLU1JAWW9EUB",
        "DomainName": "5000.live.push.com",
        "AppName": "live",
        "StreamName": "livetest",
        "StartTime": 1595779900,
        "EndTime": 1595789900,
        "TemplateId": 123,
        "Stopped": 1595783500
      },
      {
        "TaskId": "UpTbk5RSVhRQFkAAfHwQCCjcRD0lRFcZ0xTS1NTQ1t1RVRLFszdDWW9EUB",
        "DomainName": "5000.live.push.com",
        "AppName": "live",
        "StreamName": "livetest",
        "StartTime": 1595789900,
        "EndTime": 1595799900,
        "TemplateId": 0,
        "Stopped": 0
      }
    ]
  }
}
```

5. Developer Resources

SDK

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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.
InternalServerError.GetConfigError	Error getting the configuration.
InternalServerError.NetworkError	Internal network error.
InvalidParameter	Invalid parameter.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation	Unsupported operation.

CreateLiveRecordRule

最終更新日：：2023-09-06 15:06:23

1. API Description

Domain name for API request: live.tencentcloudapi.com.

To create a recording rule, you need to first call the [CreateLiveRecordTemplate](#) API to create a recording template and bind the returned template ID to the stream.

Recording-related document: [LVB Recording](#).

A maximum of 200 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: CreateLiveRecordRule.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Push domain name.
TemplateId	Yes	Integer	Template ID.
AppName	No	String	Push path, which is the same as the AppName in push and playback addresses and is "live" by default.

StreamName	No	String	Stream name. Note: If the parameter is a non-empty string, the rule will be only applicable to the particular stream.
------------	----	--------	--

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=CreateLiveRecordRule
&DomainName=5000.livepush.myqcloud.com
&AppName=live
&StreamName=stream1
&TemplateId=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [Tencent Cloud SDK 3.0 for Go](#)
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- [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
FailedOperation.RuleAlreadyExist	The rule already exists.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InvalidParameter	Invalid parameter.
InvalidParameter.ConfNotFound	
InvalidParameter.DomainFormatError	The domain name format is incorrect. Please enter a valid one.
InvalidParameterValue	Invalid parameter value.

MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

CreateLiveRecordTemplate

最終更新日：：2023-09-06 15:06:23

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to create a recording template. You can create up to 50 templates. To use a template, you need to call the [CreateLiveRecordRule](#) API to bind the template ID returned by this API to a stream.

More on recording: [Live Recording](#)

A maximum of 200 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: CreateLiveRecordTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateName	Yes	String	Template name. Only letters, digits, underscores, and hyphens can be contained.
Description	No	String	Message description
FlvParam	No	RecordParam	FLV recording parameter, which is set when FLV

			recording is enabled.
HlsParam	No	RecordParam	HLS recording parameter, which is set when HLS recording is enabled.
Mp4Param	No	RecordParam	Mp4 recording parameter, which is set when Mp4 recording is enabled.
AacParam	No	RecordParam	AAC recording parameter, which is set when AAC recording is enabled.
IsDelayLive	No	Integer	LVB type. Default value: 0. 0: LVB. 1: LCB.
HlsSpecialParam	No	HlsSpecialParam	HLS-specific recording parameter.
Mp3Param	No	RecordParam	Mp3 recording parameter, which is set when Mp3 recording is enabled.
RemoveWatermark	No	Boolean	Whether to remove the watermark. This parameter is invalid if <code>IsDelayLive</code> is <code>1</code> .
FlvSpecialParam	No	FlvSpecialParam	A special parameter for FLV recording.

3. Output Parameters

Parameter Name	Type	Description
TemplateId	Integer	Template ID.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=CreateLiveRecordTemplate
&TemplateName=templat
```

```
&Description=test
&FlvParam.Enable=0
&FlvParam.RecordInterval=1800
&FlvParam.StorageTime=600
&HlsParam.Enable=1
&HlsParam.RecordInterval=1800
&HlsParam.StorageTime=600
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "TemplateId": 1000,
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

Example2 Example

Input Example

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

```
{
  "RemoveWatermark": "false",
  "FlvParam": {
    "StorageTime": "2",
    "VodSubAppId": "251195406",
    "Enable": "1",
    "RecordInterval": "2222"
  },
  "IsDelayLive": "0",
  "Description": "String",
  "TemplateName": "String"
}
```

Output Example


```
{
  "Response": {
    "RequestId": "74ed2203-278d-4ec8-8c67-65626a94daef",
    "TemplateId": 362894
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.NotFound	No records found.
InternalError	Internal error.
InternalError.ArgsNotMatch	For the transcoding template adding API.
InternalError.ConfInUsed	The template is in use.

InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.ConfOutLimit	The number of templates exceeded the limit.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.InvalidVodFileName	Incorrect <code>VodFileName</code> .
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

CreateRecordTask

最終更新日：：2023-09-06 15:06:23

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to create a recording task that starts and ends at specific times and records videos according to a specific recording template.

- Prerequisites

1. Because recording files are saved in VOD, you must first activate VOD.
2. Storage and playback traffic fees are charged for storing and playing the videos recorded. For details, see [Purchase Guide](#).

- Notes

1. If streaming is interrupted, the current recording will stop and a recording file will be generated. When streaming resumes, as long as it's before the end time of the task, recording will start again.
2. Avoid creating recording tasks with overlapping time periods. If there are multiple tasks with overlapping time periods for the same stream, the system will start three recording tasks at most to avoid repeated recording.
3. Task records are kept for three months by the platform.
4. Do not use the new [CreateRecordTask](#), [StopRecordTask](#), and [DeleteRecordTask](#) APIs together with the old `CreateLiveRecord` , `StopLiveRecord` , and `DeleteLiveRecord` APIs.
5. Do not create recording tasks and push streams at the same time. After creating a recording task, we recommend you wait at least three seconds before pushing streams.

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: CreateRecordTask.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product. This API only supports: ap-bangkok, ap-guangzhou, ap-hongkong, ap-jakarta, ap-mumbai, ap-seoul, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley, na-toronto, sa-saopaulo.
StreamName	Yes	String	Stream name.
DomainName	Yes	String	Push domain name.
AppName	Yes	String	Push path.
EndTime	Yes	Integer	Recording end time in UNIX timestamp format. <code>EndTime</code> should be later than <code>StartTime</code> and the current time, and the duration between <code>EndTime</code> and <code>StartTime</code> is up to 24 hours.
StartTime	No	Integer	Recording start time in UNIX timestamp format. Leaving this parameter empty means starting recording now. <code>StartTime</code> cannot be later than the current time plus 6 days.
StreamType	No	Integer	Push type. Default value: 0. Valid values: 0: LVB push. 1: mixed stream, i.e., A + B = C mixed stream.
TemplateId	No	Integer	Recording template ID, which is the returned value of <code>CreateLiveRecordTemplate</code> . If this parameter is left empty or incorrect, the stream will be recorded in HLS format and retained permanently by default.
Extension	No	String	Extension field which is not defined now. It is empty by default.

3. Output Parameters

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

TaskId	String	A globally unique task ID. If <code>TaskId</code> is returned, the recording task has been successfully created.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample

Input Example

```
https://live.tencentcloudapi.com/?Action=CreateRecordTask
&AppName=live
&DomainName=5000.live.push.com
&StreamName=livetest
&StartTime=1589889600
&EndTime=1589904000
&TemplateId=0
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "eac6b301-a322-493a-8e36-83b295459397",
    "TaskId": "UpTbk5RSVhRQFkAAfHwQCCjCRD0lRFcZ0xTS1NTQ1t1RVRLU1JAWW9EUb"
  }
}
```

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.
InternalServerError.GetConfigError	Error getting the configuration.
InternalServerError.NetworkError	Internal network error.
InvalidParameter	Invalid parameter.
LimitExceeded.MaximumRunningTask	The current number of concurrent tasks exceeds the limit.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceUnavailable.InvalidVodStatus	The VOD service has not been activated.
UnsupportedOperation	Unsupported operation.

DeleteLiveRecordRule

最終更新日：：2023-09-06 15:06:22

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to delete a recording rule.

A maximum of 200 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: DeleteLiveRecordRule.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Push domain name. Domain name+AppName+StreamName uniquely identifies a single transcoding rule. If you need to delete it, strong match is required. For example, even if AppName is blank, you need to pass in a blank string to make a strong match.
AppName	No	String	Push path, which is the same as the AppName in push and playback addresses and is "live" by default. Domain name+AppName+StreamName uniquely identifies a single transcoding rule. If you need to delete it, strong match is required. For example, even if AppName is blank, you need to pass in a blank string to make a strong match.

StreamName	No	String	Stream name. Domain name+AppName+StreamName uniquely identifies a single transcoding rule. If you need to delete it, strong match is required. For example, even if AppName is blank, you need to pass in a blank string to make a strong match.
------------	----	--------	---

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DeleteLiveRecordRule
&DomainName=yourdomain.test.com
&AppName=live
&StreamName=stream
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.NotFound	No records found.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.DomainFormatError	The domain name format is incorrect. Please enter a valid one.

InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DeleteLiveRecordTemplate

最終更新日：：2023-09-06 15:06:22

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to delete a recording template.

A maximum of 200 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: DeleteLiveRecordTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateId	Yes	Integer	Template ID obtained through the <code>DescribeRecordTemplates</code> API.

3. Output Parameters

Parameter Name	Type	Description

RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.
-----------	--------	--

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DeleteLiveRecordTemplate
&TemplateId=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.ConfInUsed	The template is in use.
InternalError	Internal error.
InternalError.ArgsNotMatch	For the transcoding template adding API.
InternalError.ConfInUsed	The template is in use.
InternalError.ConfNotFound	The template does not exist.
InternalError.InvalidInput	Parameter check failed.
InternalError.NotFound	The record does not exist.
InternalError.RuleAlreadyExist	The rule has already been configured.
InternalError.RuleInUsing	The rule is in use.
InternalError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DeleteRecordTask

最終更新日：：2023-09-06 15:06:22

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to delete a recording task configuration. The deletion does not affect running tasks and takes effect only for new pushes.

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: DeleteRecordTask.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product. This API only supports: ap-bangkok, ap-guangzhou, ap-hongkong, ap-jakarta, ap-mumbai, ap-seoul, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley, na-toronto, sa-saopaulo.
TaskId	Yes	String	Task ID returned by <code>CreateRecordTask</code> . The recording task specified by <code>TaskId</code> will be deleted.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

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

{
  "TaskId": "UZZUVbQ1FSQFlvKxYSBxUVGzB00UEFTZU5RlNURlhR1FDUVBFUWpCkNbUUBKb"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [Tencent Cloud SDK 3.0 for .NET](#)
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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.
InternalServerError.GetConfigError	Error getting the configuration.
InternalServerError.NetworkError	Internal network error.
InvalidParameter	Invalid parameter.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceUnavailable.InvalidVodStatus	The VOD service has not been activated.
UnsupportedOperation	Unsupported operation.

DescribeLiveRecordRules

最終更新日：：2023-09-06 15:06:22

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the list of recording rules.

A maximum of 500 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: DescribeLiveRecordRules.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.

3. Output Parameters

Parameter Name	Type	Description
Rules	Array of RuleInfo	List of rules.

RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.
-----------	--------	--

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveRecordRules
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "Rules": [
      {
        "CreateTime": "2018-09-12 15:52:01",
        "UpdateTime": "2018-10-12 18:00:05",
        "TemplateId": 1000,
        "DomainName": "5000.livepush.myqcloud.com",
        "AppName": "live",
        "StreamName": "stream1"
      }
    ],
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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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.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.

ResourceNotFound.UserDisableService

You disabled the service.

DescribeLiveRecordTemplate

最終更新日：：2023-09-06 15:06:22

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get a single recording template.

A maximum of 500 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: DescribeLiveRecordTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateId	Yes	Integer	Template ID obtained by DescribeLiveRecordTemplates .

3. Output Parameters

Parameter Name	Type	Description
Template	RecordTemplateInfo	Recording template information.

RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.
-----------	--------	--

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveRecordTemplate
&TemplateId=10000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "Template": {
      "TemplateId": 1000,
      "Mp4Param": {
        "ClassId": 0,
        "StorageMode": "xx",
        "StorageTime": 0,
        "VodSubAppId": 0,
        "VodFileName": "xx",
        "Enable": 0,
        "RecordInterval": 0,
        "Procedure": "xx"
      },
      "AacParam": {
        "ClassId": 0,
        "StorageMode": "xx",
        "StorageTime": 0,
        "VodSubAppId": 0,
        "VodFileName": "xx",
        "Enable": 0,
        "RecordInterval": 0,
        "Procedure": "xx"
      },
      "Mp3Param": {
        "ClassId": 0,
        "StorageMode": "xx",
        "StorageTime": 0,
        "VodSubAppId": 0,

```

```
"VodFileName": "xx",
"Enable": 0,
"RecordInterval": 0,
"Procedure": "xx"
},
"TemplateName": "testName",
"Description": "test",
"FlvParam": {
  "Enable": 1,
  "RecordInterval": 1800,
  "StorageTime": 600
},
"HlsParam": {
  "Enable": 0,
  "RecordInterval": 1800,
  "StorageTime": 600
},
"IsDelayLive": 0,
"HlsSpecialParam": {
  "FlowContinueDuration": 60
}
},
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
```

5. Developer Resources

SDK

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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
FailedOperation.NotFound	No records found.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLiveRecordTemplates

最終更新日：：2023-09-06 15:06:21

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the recording template list.

A maximum of 500 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: DescribeLiveRecordTemplates.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
IsDelayLive	No	Integer	Whether it is an LCB template. Default value: 0. 0: LVB. 1: LCB.

3. Output Parameters

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

Templates	Array of RecordTemplateInfo	Recording template information list.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveRecordTemplates
&IsDelayLive=1
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "Templates": [
      {
        "TemplateId": 1000,
        "TemplateName": "testName",
        "IsDelayLive": 1,
        "Description": "test",
        "FlvParam": {
          "Enable": 0,
          "RecordInterval": 1800,
          "StorageTime": 6000,
          "VodSubAppId": 123456
        },
        "Mp4Param": {
          "ClassId": 0,
          "StorageMode": "xx",
          "StorageTime": 0,
          "VodSubAppId": 0,
          "VodFileName": "xx",
          "Enable": 0,
          "RecordInterval": 0,
          "Procedure": "xx"
        },
        "AacParam": {
```

```
"ClassId": 0,
"StorageMode": "xx",
"StorageTime": 0,
"VodSubAppId": 0,
"VodFileName": "xx",
"Enable": 0,
"RecordInterval": 0,
"Procedure": "xx"
},
"Mp3Param": {
"ClassId": 0,
"StorageMode": "xx",
"StorageTime": 0,
"VodSubAppId": 0,
"VodFileName": "xx",
"Enable": 0,
"RecordInterval": 0,
"Procedure": "xx"
},
"HlsParam": {
"Enable": 1,
"RecordInterval": 1800,
"StorageTime": 600,
"VodSubAppId": 123456
},
"HlsSpecialParam": {
"FlowContinueDuration": 60
}
},
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
```

5. Developer Resources

SDK

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- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
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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.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.

ResourceNotFound.UserDisableService	You disabled the service.
-------------------------------------	---------------------------

ModifyLiveRecordTemplate

最終更新日：：2023-09-06 15:06:21

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to modify the recording template configuration.

A maximum of 200 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: ModifyLiveRecordTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateId	Yes	Integer	Template ID obtained through the <code>DescribeRecordTemplates</code> API.
TemplateName	No	String	Template name.
Description	No	String	Message description
FlvParam	No	RecordParam	FLV recording parameter, which is set when FLV recording is enabled.

HlsParam	No	RecordParam	HLS recording parameter, which is set when HLS recording is enabled.
Mp4Param	No	RecordParam	MP4 recording parameter, which is set when MP4 recording is enabled.
AacParam	No	RecordParam	AAC recording parameter, which is set when AAC recording is enabled.
HlsSpecialParam	No	HlsSpecialParam	Custom HLS recording parameter.
Mp3Param	No	RecordParam	MP3 recording parameter, which is set when MP3 recording is enabled.
RemoveWatermark	No	Boolean	Whether to remove the watermark. This parameter is invalid if <code>IsDelayLive</code> is <code>1</code> .
FlvSpecialParam	No	FlvSpecialParam	A special parameter for FLV recording.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=ModifyLiveRecordTemplate
&TemplateName=templat
&Description=test
&FlvParam.Enable=1
&FlvParam.RecordInterval=1800
&FlvParam.StorageTime=700
&TemplateId=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.NotFound	No records found.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.

InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.InvalidVodFileName	Incorrect <code>VodFileName</code> .
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

StopRecordTask

最終更新日：：2023-09-06 15:06:21

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to terminate an ongoing recording task and generate a recording file.

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: StopRecordTask.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product. This API only supports: ap-bangkok, ap-guangzhou, ap-hongkong, ap-jakarta, ap-mumbai, ap-seoul, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley, na-toronto, sa-saopaulo.
TaskId	Yes	String	Recording task ID.

3. Output Parameters

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

Name		
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

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

{
  "TaskId": "UZZUVbQ1FSQFlvKxYBxUVGzwcBB00UETZU5QR1NUR1hR1FDUVBFUWpCUkbUUBKb"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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.
InternalServerError.GetConfigError	Error getting the configuration.
InternalServerError.NetworkError	Internal network error.
InternalServerError.SystemError	Internal system error.
InvalidParameter	Invalid parameter.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceUnavailable.InvalidVodStatus	The VOD service has not been activated.
UnsupportedOperation	Unsupported operation.

Time Shifting APIs

CreateLiveTimeShiftRule

最終更新日：：2023-09-06 15:06:18

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to create a time shifting rule. You need to first call the [CreateLiveTranscodeTemplate](#) API to create a time shifting template, and then call this API to bind the template ID returned to a stream.

More about time shifting: [Time Shifting](#).

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: CreateLiveTimeShiftRule.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	The push domain.
AppName	Yes	String	The push path, which should be the same as <code>AppName</code> in the push and playback URLs. The default value is <code>live</code> .

StreamName	Yes	String	The stream name. Note: If you pass in a non-empty string, the rule will only be applied to the specified stream.
TemplateId	Yes	Integer	The template ID.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: live.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateLiveTimeShiftRule
<Common Request Parameters>

{
  "TemplateId": "1000",
  "AppName": "live",
  "StreamName": "stream1",
  "DomainName": "5000.livepush.myqcloud.com"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.RuleAlreadyExist	The rule already exists.
InternalError	Internal error.
InternalError.ArgsNotMatch	For the transcoding template adding API.
InternalError.ConfInUsed	The template is in use.
InternalError.ConfNotFound	The template does not exist.
InternalError.InvalidInput	Parameter check failed.
InternalError.NotFound	The record does not exist.
InternalError.RuleAlreadyExist	The rule has already been configured.
InternalError.RuleInUsing	The rule is in use.

InvalidParameter	Invalid parameter.
InvalidParameter.DomainFormatError	The domain name format is incorrect. Please enter a valid one.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

CreateLiveTimeShiftTemplate

最終更新日：：2023-09-06 15:06:18

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to create a time shifting template.

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: CreateLiveTimeShiftTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateName	Yes	String	The template name. Maximum length: 255 bytes. Only letters, numbers, underscores, and hyphens are supported.
Duration	Yes	Integer	The time shifting duration. Unit: Second.
Description	No	String	The template description. Only letters, numbers, underscores, and hyphens are

			supported.
Area	No	String	The region. <code>Mainland</code> : The Chinese mainland. <code>Overseas</code> : Outside the Chinese mainland. Default value: <code>Mainland</code> .
ItemDuration	No	Integer	The segment size. Value range: 3-10. Unit: Second. Default value: 5
RemoveWatermark	No	Boolean	Whether to remove watermarks. If you pass in <code>true</code> , the original stream will be recorded. Default value: <code>false</code> .
TranscodeTemplateIds.N	No	Array of Integer	The transcoding template IDs. This API works only if <code>RemoveWatermark</code> is <code>false</code> .

3. Output Parameters

Parameter Name	Type	Description
TemplateId	Integer	The template ID.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: live.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateLiveTimeShiftTemplate
<Common Request Parameters>
```

```
{
  "Description": "xx",
  "TranscodeTemplateIds": [
    0
  ],
  "RemoveWatermark": true,
  "TemplateName": "xx",
  "ItemDuration": 1,
  "Duration": 1,
  "Area": "xx"
}
```

Output Example

```
{
  "Response": {
    "TemplateId": 1000,
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [Tencent Cloud SDK 3.0 for Go](#)
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- [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
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InternalError	Internal error.
InternalError.ArgsNotMatch	For the transcoding template adding API.
InternalError.ConfInUsed	The template is in use.
InternalError.ConfNotFound	The template does not exist.
InternalError.ConfOutLimit	The number of templates exceeded the limit.
InternalError.InvalidInput	Parameter check failed.
InternalError.NotFound	The record does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

DeleteLiveTimeShiftRule

最終更新日：：2023-09-06 15:06:18

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to delete a time shifting rule.

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: DeleteLiveTimeShiftRule.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	The push domain. <code>Domain name+AppName+StreamName</code> uniquely identifies a time shifting rule. To delete a time shifting rule, exact match is required. This means if the <code>AppName</code> of a time shifting rule is empty, to delete the rule, you need to pass in an empty string for <code>AppName</code> .
AppName	Yes	String	The push path, which should be the same as <code>AppName</code> in the push and playback URLs. The default value is <code>live</code> . <code>Domain name+AppName+StreamName</code> uniquely identifies a time shifting rule. To delete a time shifting rule, exact match is required.

			This means if the <code>AppName</code> of a time shifting rule is empty, to delete the rule, you need to pass in an empty string for <code>AppName</code> .
StreamName	Yes	String	The stream name. <code>Domain name+AppName+StreamName</code> uniquely identifies a time shifting rule. To delete a time shifting rule, exact match is required. This means if the <code>AppName</code> of a time shifting rule is empty, to delete the rule, you need to pass in an empty string for <code>AppName</code> .

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: live.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteLiveTimeShiftRule
<Common Request Parameters>

{
  "DomainName": "xx",
  "StreamName": "xx",
  "AppName": "xx"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
```

```
}  
}
```

5. Developer Resources

SDK

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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
FailedOperation.NotFound	No records found.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.

InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.DomainFormatError	The domain name format is incorrect. Please enter a valid one.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DeleteLiveTimeShiftTemplate

最終更新日：：2023-09-06 15:06:18

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to delete a time shifting template.

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: DeleteLiveTimeShiftTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateId	Yes	Integer	The template ID.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for

		locating a problem.
--	--	---------------------

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: live.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteLiveTimeShiftTemplate
<Common Request Parameters>

{
  "TemplateId": "1000"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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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
FailedOperation.AiTranscodeOptionFail	Failed to manipulate the AI API.
FailedOperation.ConfInUsed	The template is in use.
FailedOperation.NotFound	No records found.
InternalError	Internal error.
InternalError.ArgsNotMatch	For the transcoding template adding API.
InternalError.ConfInUsed	The template is in use.
InternalError.ConfNotFound	The template does not exist.
InternalError.InvalidInput	Parameter check failed.
InternalError.NotFound	The record does not exist.
InternalError.RuleAlreadyExist	The rule has already been configured.
InternalError.RuleInUsing	The rule is in use.
InternalError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.

ResourceNotFound.UserDisableService

You disabled the service.

DescribeLiveTimeShiftRules

最終更新日：：2023-09-06 15:06:17

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query time shifting rules.

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: DescribeLiveTimeShiftRules.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.

3. Output Parameters

Parameter Name	Type	Description
Rules	Array of RuleInfo	The information of the rules.

RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.
-----------	--------	--

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: live.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeLiveTimeShiftRules
<Common Request Parameters>

{}
```

Output Example

```
{
  "Response": {
    "Rules": [
      {
        "UpdateTime": "xx",
        "AppName": "xx",
        "DomainName": "xx",
        "StreamName": "xx",
        "TemplateId": 1000,
        "CreateTime": "xx"
      }
    ],
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

DescribeLiveTimeShiftTemplates

最終更新日：：2023-09-06 15:06:17

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query time shifting templates.

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: DescribeLiveTimeShiftTemplates.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.

3. Output Parameters

Parameter Name	Type	Description
Templates	Array of TimeShiftTemplate	The information of the templates.

RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.
-----------	--------	--

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: live.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeLiveTimeShiftTemplates
<Common Request Parameters>

{}
```

Output Example

```
{
  "Response": {
    "Templates": [
      {
        "Description": "xx",
        "TranscodeTemplateIds": [
          1
        ],
        "RemoveWatermark": true,
        "Area": 1,
        "ItemDuration": 1,
        "TemplateId": 1,
        "Duration": 1,
        "TemplateName": 1
      }
    ],
    "RequestId": "xx"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.ConfInUsed	The template is in use.
FailedOperation.NotFound	No records found.
InternalError	Internal error.
InternalError.ArgsNotMatch	For the transcoding template adding API.
InternalError.ConfInUsed	The template is in use.
InternalError.ConfNotFound	The template does not exist.
InternalError.ConfOutLimit	The number of templates exceeded the limit.
InternalError.InvalidInput	Parameter check failed.
InternalError.NotFound	The record does not exist.
InternalError.RuleAlreadyExist	The rule has already been configured.
InternalError.RuleInUsing	The rule is in use.

InternalServerError.RuleNotFound	The rule does not exist.
InternalServerError.RuleOutLimit	The rule exceeds the limit.
InvalidParameter	Invalid parameter.
InvalidParameter.COSCustomFileNameError	Incorrect custom COS filename.
InvalidParameter.InvalidVodFileName	Incorrect <code>VodFileName</code> .
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

DescribeTimeShiftRecordDetail

最終更新日：：2023-09-06 15:06:17

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the time shifting details of a specific time period (up to 24 hours). You need to call

`DescribeTimeShiftStreamList` first to get the request parameters of this API.

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: DescribeTimeShiftRecordDetail.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product. This API only supports: ap-singapore, eu-frankfurt.
Domain	Yes	String	The push domain.
AppName	Yes	String	The push path.
StreamName	Yes	String	The stream name.
StartTime	Yes	Integer	The start time, which must be a Unix timestamp.

EndTime	Yes	Integer	The end time, which must be a Unix timestamp.
DomainGroup	No	String	The group the push domain belongs to. You don't need to specify this parameter if the domain doesn't belong to any group or the group name is an empty string.
TransCodeId	No	Integer	The transcoding template ID. You don't need to specify this parameter if the transcoding template ID is <code>0</code> .

3. Output Parameters

Parameter Name	Type	Description
RecordList	Array of TimeShiftRecord	The number of sessions recorded. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 DescribeTimeShiftRecordDetail

Queries time shifting details

Input Example

```
POST / HTTP/1.1
Host: live.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTimeShiftRecordDetail
<Common Request Parameters>

{
  "Domain": "5000.live.push.com",
  "AppName": "live",
  "StreamName": "livetest",
  "StartTime": 1668064484,
  "EndTime": 1668064584,
  "DomainGroup": "",
}
```

```
"TransCodeId": 330587
}
```

Output Example

```
{
  "Response": {
    "RequestId": "xxx",
    "RecordList": [
      {
        "Sid": "xxx",
        "StartTime": 1668064484,
        "EndTime": 1668064584
      }
    ]
  }
}
```

5. Developer Resources

SDK

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- [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.
InternalServerError.GetConfigError	Error getting the configuration.
InternalServerError.NetworkError	Internal network error.
InvalidParameter	Invalid parameter.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation	Unsupported operation.

DescribeTimeShiftStreamList

最終更新日：：2023-09-06 15:06:17

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the time shifted streams in a specific time period (up to 24 hours).

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: DescribeTimeShiftStreamList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	Yes	String	Common Params . For more information, please see the list of regions supported by the product. This API only supports: ap-singapore, eu-frankfurt.
StartTime	Yes	Integer	The start time, which must be a Unix timestamp.
EndTime	Yes	Integer	The end time, which must be a Unix timestamp.
StreamName	No	String	The stream name.
Domain	No	String	The push domain.
DomainGroup	No	String	The group the push domain belongs to.

PageSize	No	Integer	The maximum number of records to return. Value range: 0-100. If you do not specify this parameter or pass in <code>0</code> , the default value <code>100</code> will be used. If you pass in a negative number or a value greater than 100, an error will be returned.
PageNum	No	Integer	The number of page to pull records from. If you do not specify this parameter, the default value <code>1</code> will be used.

3. Output Parameters

Parameter Name	Type	Description
TotalSize	Integer	The total number of records in the specified time period.
StreamList	Array of TimeShiftStreamInfo	The information of the streams. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 DescribeTimeShiftStreamList

Queries time shifted streams

Input Example

```
POST / HTTP/1.1
Host: live.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTimeShiftStreamList
<Common Request Parameters>

{
  "StartTime": 1668064484,
  "EndTime": 1668074484
}
```

Output Example

```
{
  "Response": {
    "RequestId": "xxx",
    "TotalSize": 100,
    "StreamList": [
      {
        "DomainGroup": "",
        "Domain": "5000.live.push.com",
        "AppName": "live",
        "StreamName": "livetest",
        "StartTime": 1668064484,
        "EndTime": 1668064584,
        "Duration": 604800,
        "TransCodeId": 330587
        "StreamType": 2
      }
    ]
  }
}
```

5. Developer Resources

SDK

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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.
InternalServerError.GetConfigError	Error getting the configuration.
InternalServerError.NetworkError	Internal network error.
InvalidParameter	Invalid parameter.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation	Unsupported operation.

ModifyLiveTimeShiftTemplate

最終更新日：：2023-09-06 15:06:17

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to modify a time shifting template.

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: ModifyLiveTimeShiftTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateId	Yes	Integer	The time shifting template ID.
TemplateName	No	String	The template name. Only letters, numbers, underscores, and hyphens are supported.
Description	No	String	The template description. Maximum length: 1,024 bytes. Only letters, numbers, underscores, and hyphens are supported.

Duration	No	Integer	The time shifting duration. Unit: Second.
ItemDuration	No	Integer	The segment size. Value range: 3-10. Unit: Second. Default value: 5
RemoveWatermark	No	Boolean	Whether to remove watermarks. If you pass in <code>true</code> , the original stream will be recorded. Default value: <code>false</code> .
TranscodeTemplateIds.N	No	Array of Integer	The transcoding template IDs. This API works only if <code>RemoveWatermark</code> is <code>false</code> .
Area	No	String	The region. <code>Mainland</code> : The Chinese mainland. <code>Overseas</code> : Outside the Chinese mainland. Default value: <code>Mainland</code> .

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: live.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyLiveTimeShiftTemplate
<Common Request Parameters>
```

```
{
  "Description": "xx",
  "TranscodeTemplateIds": [
    0
  ],
  "RemoveWatermark": true,
  "TemplateName": "xx",
  "ItemDuration": 1,
  "TemplateId": 1,
  "Duration": 1,
  "Area": "xx"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [Tencent Cloud SDK 3.0 for .NET](#)
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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
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InternalError	Internal error.
InternalError.ArgsNotMatch	For the transcoding template adding API.
InternalError.ConfInUsed	The template is in use.
InternalError.ConfNotFound	The template does not exist.
InternalError.ConfOutLimit	The number of templates exceeded the limit.
InternalError.InvalidInput	Parameter check failed.
InternalError.NotFound	The record does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

Live Callback APIs

CreateLiveCallbackRule

最終更新日：：2023-09-06 15:06:30

1. API Description

Domain name for API request: live.tencentcloudapi.com.

To create a callback rule, you need to first call the [CreateLiveCallbackTemplate](#) API to create a callback template and bind the returned template ID to the domain name/path.

Callback protocol-related document: [Event Message Notification](#).

A maximum of 200 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: CreateLiveCallbackRule.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Push domain name.
AppName	Yes	String	Push path, which is the same as the <code>AppName</code> in push and playback addresses and is <code>live</code> by default.

TemplateId	Yes	Integer	Template ID.
------------	-----	---------	--------------

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=CreateLiveCallbackRule
&DomainName=5000.livepush.myqcloud.com
&AppName=live
&TemplateId=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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.
InternalServerError.ConfNotFound	The template does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.ConfNotFound	
InvalidParameter.DomainFormatError	The domain name format is incorrect. Please enter a valid one.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

CreateLiveCallbackTemplate

最終更新日：：2023-09-06 15:06:30

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to create a callback template. Up to 50 templates can be created. After the template ID is returned, you need to call the [CreateLiveCallbackRule](#) API to bind the template ID to a domain name/path.

For information about callback protocols, see [How to Receive Event Notification](#).

Note: You need to specify at least one callback URL.

A maximum of 200 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: CreateLiveCallbackTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateName	Yes	String	Template name. Maximum length: 255 bytes. Only letters, digits, underscores, and hyphens can be contained.
Description	No	String	Description.

			Maximum length: 1,024 bytes. Only letters, digits, underscores, and hyphens can be contained.
StreamBeginNotifyUrl	No	String	Stream starting callback URL, Protocol document: Event Message Notification .
StreamEndNotifyUrl	No	String	Interruption callback URL, Protocol document: Event Message Notification .
RecordNotifyUrl	No	String	Recording callback URL, Protocol document: Event Message Notification .
SnapshotNotifyUrl	No	String	Screencapturing callback URL, Protocol document: Event Message Notification .
PornCensorshipNotifyUrl	No	String	Porn detection callback URL, Protocol document: Event Message Notification .
CallbackKey	No	String	Callback key. The callback URL is public. For the callback signature, please see the event message notification document. Event Message Notification .
StreamMixNotifyUrl	No	String	Disused
PushExceptionNotifyUrl	No	String	The push error callback URL.

3. Output Parameters

Parameter Name	Type	Description
TemplateId	Integer	Template ID.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

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

{
  "StreamBeginNotifyUrl": "http://www.yourdomain.com/api/notify?action=streamBegin",
  ,
  "StreamEndNotifyUrl": "http://www.yourdomain.com/api/notify?action=streamEnd",
  "TemplateName": "testName",
  "RecordNotifyUrl": "http://www.yourdomain.com/api/notify?action=record",
  "SnapshotNotifyUrl": "http://www.yourdomain.com/api/notify?action=snapshot",
  "PornCensorshipNotifyUrl": "http://www.yourdomain.com/api/notify?action=porn",
  "CallbackKey": "adasda131312",
  "Description": "test"
}
```

Output Example

```
{
  "Response": {
    "TemplateId": 1000,
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

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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
FailedOperation.ConfInUsed	The template is in use.
FailedOperation.NotFound	No records found.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.ConfOutLimit	The number of templates exceeded the limit.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.ArgsNotMatch	Incorrect template name.
InvalidParameter.COSCustomFileNameError	Incorrect custom COS filename.
InvalidParameter.InvalidVodFileName	Incorrect <code>VodFileName</code> .
InvalidParameter.UrlNotSafe	Failed to resolve the domain name.
InvalidParameterValue	Invalid parameter value.

MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

DeleteLiveCallbackRule

最終更新日：：2023-09-06 15:06:30

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to delete a callback rule.

A maximum of 200 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: DeleteLiveCallbackRule.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Push domain name.
AppName	Yes	String	Push path, which is the same as the <code>AppName</code> in push and playback addresses and is <code>live</code> by default.

3. Output Parameters

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

Name		
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DeleteLiveCallbackRule
&DomainName=5000.livepush.myqcloud.com
&AppName=live
&TemplateId=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.NotFound	No records found.
InternalServerError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

DeleteLiveCallbackTemplate

最終更新日：：2023-09-06 15:06:29

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API deletes a callback template.

A maximum of 200 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: DeleteLiveCallbackTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateId	Yes	Integer	Template ID. 1. Get the template ID in the returned value of the CreateLiveCallbackTemplate API call. 2. You can query the list of created templates through the DescribeLiveCallbackTemplates API.

3. Output Parameters

--	--	--

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DeleteLiveCallbackTemplate
&TemplateId=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.ConfInUsed	The template is in use.
FailedOperation.NotFound	No records found.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.COSCustomFileNameError	Incorrect custom COS filename.
InvalidParameter.InvalidVodFileName	Incorrect <code>VodFileName</code> .
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service

	first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLiveCallbackRules

最終更新日：：2023-09-06 15:06:29

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the callback rule list.

A maximum of 500 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: DescribeLiveCallbackRules.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.

3. Output Parameters

Parameter Name	Type	Description
Rules	Array of CallBackRuleInfo	Rule information list.

RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.
-----------	--------	--

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveCallbackRules
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "Rules": [
      {
        "CreateTime": "2018-09-12 15:52:01",
        "UpdateTime": "2018-10-12 18:00:05",
        "TemplateId": 1000,
        "DomainName": "5000.livepush.myqcloud.com",
        "AppName": "live"
      }
    ],
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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

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- [Tencent Cloud SDK 3.0 for Java](#)
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- [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	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

DescribeLiveCallbackTemplate

最終更新日：：2023-09-06 15:06:29

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get a single callback template.

A maximum of 500 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: DescribeLiveCallbackTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateId	Yes	Integer	Template ID. 1. Get the template ID in the returned value of the CreateLiveCallbackTemplate API call. 2. You can query the list of created templates through the DescribeLiveCallbackTemplates API.

3. Output Parameters

--	--	--

Parameter Name	Type	Description
Template	CallbackTemplateInfo	Callback template information.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveCallbackTemplate
&TemplateId=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "Template": {
      "TemplateId": 1000,
      "TemplateName": "testName",
      "Description": "test",
      "StreamBeginNotifyUrl": "http://www.qq.com/api/notify?action=streamBegin",
      "StreamEndNotifyUrl": "http://www.qq.com/api/notify?action=streamEnd",
      "StreamMixNotifyUrl": "",
      "RecordNotifyUrl": "http://www.qq.com/api/notify?action=record",
      "SnapshotNotifyUrl": "http://www.qq.com/api/notify?action=record",
      "PornCensorshipNotifyUrl": "http://www.qq.com/api/notify?action=porn",
      "CallbackKey": "adasdasda1312312"
    },
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.ConfInUsed	The template is in use.
FailedOperation.NotFound	No records found.
InternalError	Internal error.
InternalError.ArgsNotMatch	For the transcoding template adding API.
InternalError.ConfInUsed	The template is in use.
InternalError.ConfNotFound	The template does not exist.
InternalError.InvalidInput	Parameter check failed.
InternalError.NotFound	The record does not exist.
InternalError.RuleAlreadyExist	The rule has already been configured.
InternalError.RuleInUsing	The rule is in use.
InternalError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.

InvalidParameter.COSCustomFileNameError	Incorrect custom COS filename.
InvalidParameter.InvalidVodFileName	Incorrect <code>VodFileName</code> .
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLiveCallbackTemplates

最終更新日：：2023-09-06 15:06:29

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the callback template list.

A maximum of 500 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: DescribeLiveCallbackTemplates.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.

3. Output Parameters

Parameter Name	Type	Description
Templates	Array of CallBackTemplateInfo	Template information list.

RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.
-----------	--------	--

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveCallbackTemplates
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "Templates": [
      {
        "TemplateId": 1000,
        "TemplateName": "testName",
        "Description": "test",
        "StreamBeginNotifyUrl": "http://www.qq.com/api/notify?action=streamBegin",
        "StreamEndNotifyUrl": "http://www.qq.com/api/notify?action=streamEnd",
        "StreamMixNotifyUrl": "",
        "RecordNotifyUrl": "http://www.qq.com/api/notify?action=record",
        "SnapshotNotifyUrl": "http://www.qq.com/api/notify?action=record",
        "PornCensorshipNotifyUrl": "http://www.qq.com/api/notify?action=porn",
        "CallbackKey": "adafas1412423432"
      }
    ],
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
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- [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
FailedOperation.ConfInUsed	The template is in use.
FailedOperation.NotFound	No records found.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.COSCustomFileNameError	Incorrect custom COS filename.

InvalidParameter.InvalidVodFileName	Incorrect <code>VodFileName</code> .
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

ModifyLiveCallbackTemplate

最終更新日：：2023-09-06 15:06:29

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to modify a callback template.

A maximum of 200 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: ModifyLiveCallbackTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateId	Yes	Integer	Template ID returned by the <code>DescribeLiveCallbackTemplates</code> API.
TemplateName	No	String	Template name.
Description	No	String	Description.
StreamBeginNotifyUrl	No	String	Stream starting callback URL.
StreamEndNotifyUrl	No	String	Interruption callback URL.

RecordNotifyUrl	No	String	Recording callback URL.
SnapshotNotifyUrl	No	String	Screencapturing callback URL.
PornCensorshipNotifyUrl	No	String	Porn detection callback URL.
CallbackKey	No	String	Callback key. The callback URL is public. For the callback signature, please see the event message notification document. Event Message Notification .
PushExceptionNotifyUrl	No	String	The push error callback URL.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

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

{
  "StreamBeginNotifyUrl": "http://www.yourdomain.com/api/notify?action=streamBegin",
  "StreamEndNotifyUrl": "http://www.yourdomain.com/api/notify?action=streamEnd",
  "TemplateName": "testName",
  "RecordNotifyUrl": "http://www.yourdomain.com/api/notify?action=record",
  "SnapshotNotifyUrl": "http://www.yourdomain.com/api/notify?action=snapshot",
  "TemplateId": "1000",
  "PornCensorshipNotifyUrl": "http://www.yourdomain.com/api/notify?action=porn",
```

```
"CallbackKey": "adasdas23432423",
"Description": "test"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.ConfInUsed	The template is in use.
FailedOperation.NotFound	No records found.

InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.ArgsNotMatch	Incorrect template name.
InvalidParameter.COSCustomFileNameError	Incorrect custom COS filename.
InvalidParameter.InvalidVodFileName	Incorrect <code>VodFileName</code> .
InvalidParameter.UrlNotSafe	Failed to resolve the domain name.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

Screencapturing and Porn Detection APIs

CreateLiveSnapshotRule

最終更新日：：2023-09-06 15:06:21

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to create a screencapturing rule. You need to first call the [CreateLiveSnapshotTemplate](#) API to create a screencapturing template to bind the returned template ID to the stream.

Screencapturing document: [LVB Screencapturing](#).

Note: only one screencapturing template can be associated with one domain name.

A maximum of 200 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: CreateLiveSnapshotRule.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Push domain name.
TemplateId	Yes	Integer	Template ID.

AppName	No	String	Push path, which is the same as the <code>AppName</code> in push and playback addresses and is <code>live</code> by default.
StreamName	No	String	Stream name. Note: if this parameter is a non-empty string, the rule will take effect only for the particular stream.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=CreateLiveSnapshotRule
&DomainName=5000.livepush.myqcloud.com
&AppName=live
&StreamName=stream1
&TemplateId=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
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- [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
FailedOperation.RuleAlreadyExist	The rule already exists.
InternalError	Internal error.
InternalError.ArgsNotMatch	For the transcoding template adding API.
InternalError.ConfInUsed	The template is in use.
InternalError.ConfNotFound	The template does not exist.
InternalError.InvalidInput	Parameter check failed.
InternalError.NotFound	The record does not exist.
InternalError.RuleAlreadyExist	The rule has already been configured.
InternalError.RuleInUsing	The rule is in use.
InternalError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.ConfNotFound	

InvalidParameter.DomainFormatError	The domain name format is incorrect. Please enter a valid one.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

CreateLiveSnapshotTemplate

最終更新日：：2023-09-06 15:06:20

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to create a screencapture template. After a template ID is returned, you need to call the [CreateLiveSnapshotRule](#) API to bind the template ID to a stream. You can create up to 50 screencapture templates.

To learn more about the live screencapture feature, see [Live Screencapture](#).

A maximum of 200 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: CreateLiveSnapshotTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateName	Yes	String	Template name. Maximum length: 255 bytes. Only letters, digits, underscores, and hyphens can be contained.
CosAppId	Yes	Integer	COS application ID.
CosBucket	Yes	String	COS bucket name.

			Note: the value of <code>CosBucket</code> cannot contain <code>-[appid]</code> .
CosRegion	Yes	String	COS region.
Description	No	String	Description. Maximum length: 1,024 bytes. Only letters, digits, underscores, and hyphens can be contained.
SnapshotInterval	No	Integer	Screencapturing interval (s). Default value: 10 Value range: 2-300
Width	No	Integer	Screenshot width. Default value: <code>0</code> (original width) Value range: 0-3000
Height	No	Integer	Screenshot height. Default value: <code>0</code> (original height) Value range: 0-2000
PornFlag	No	Integer	Whether to enable porn detection. 0: no, 1: yes. Default value: 0
CosPrefix	No	String	COS Bucket folder prefix. If no value is entered, the default value <code>/ {Year} - {Month} - {Day}</code> will be used.
CosFileName	No	String	COS filename. If no value is entered, the default value <code>{StreamID}-screenshot-{Hour}-{Minute}-{Second}-{Width}x{Height}{Ext}</code> will be used.

3. Output Parameters

Parameter Name	Type	Description
TemplateId	Integer	Template ID.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

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

{
  "CosRegion": "beijing",
  "Description": "testDesc",
  "SnapshotInterval": "10",
  "PornFlag": "0",
  "CosBucket": "bucket",
  "TemplateName": "testName",
  "Height": "250",
  "CosAppId": "123",
  "Width": "250"
}
```

Output Example

```
{
  "Response": {
    "TemplateId": 1000,
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
FailedOperation.CosBucketNotExist	The COS bucket does not exist.
FailedOperation.CosBucketNotPermission	You don't have permission to access the COS bucket.
FailedOperation.CosRoleNotExists	The COS role does not exist. Please go to the "Feature Configuration > Live Screenshot & Porn Detection" page of the CSS console to grant the permission.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.ConfOutLimit	The number of templates exceeded the limit.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.COSCustomFileNameError	Incorrect custom COS filename.

InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

CreateScreenshotTask

最終更新日：：2023-09-06 15:06:20

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to create a screencapturing task that has a specific start and end time and takes screenshots according to the template configured.

- Note

1. If the stream is interrupted, screencapturing will stop. However, the task will still be valid before the specified end time, and screencapturing will be performed as required after the stream is resumed.
2. Avoid creating screencapturing tasks with overlapping time periods. The system will execute at most three screencapturing tasks on the same stream at a time.
3. Task records are only kept for three months.
4. The new screencapturing APIs (CreateScreenshotTask/StopScreenshotTask/DeleteScreenshotTask) are not compatible with the legacy ones (CreateLiveInstantSnapshot/StopLiveInstantSnapshot). Do not mix them when you call APIs to manage screencapturing tasks.
5. If you create a screencapturing task and publish the stream at the same time, the task may fail to be executed at the specified time. After creating a screencapturing task, we recommend you wait at least three seconds before publishing the stream.

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: CreateScreenshotTask.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StreamName	Yes	String	The stream name.
DomainName	Yes	String	The push domain.
AppName	Yes	String	The push path.
EndTime	Yes	Integer	The task end time, which must be a Unix timestamp and later than <code>StartTime</code> and the current time. The end time and start time cannot be more than 24 hours apart.
TemplateId	Yes	Integer	The ID of the screencapturing template, which is returned by <code>CreateLiveSnapshotTemplate</code> . If an incorrect template ID is passed in, the screencapturing task will fail.
StartTime	No	Integer	The task start time, which must be a Unix timestamp and cannot be later than six days from the current time. If you do not specify this parameter, the task will start immediately.
StreamType	No	Integer	The publishing type. Valid values: <code>0</code> (default): Live stream <code>1</code> : Mixed stream
Extension	No	String	An extension field, which is not defined currently and is empty by default.

3. Output Parameters

Parameter Name	Type	Description
TaskId	String	A unique task ID. If this parameter is returned, the screencapturing task is created successfully.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Creating a screencapturing task

Input Example

```
https://live.tencentcloudapi.com/?Action=CreateScreenshotTask
&AppName=live
&DomainName=5000.live.push.com
&StreamName=livetest
&StartTime=1589889600
&EndTime=1589904000
&TemplateId=0
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "eac6b301-a322-493a-8e36-83b295459397",
    "TaskId": "UpTbk5RSVhRQFkAAfHwQCCjcRD0lRFcZ0xTSlNTQ1t1RVRLU1JAWW9EUb"
  }
}
```

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](#)
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- [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.
InternalError.GetConfigError	Error getting the configuration.
InternalError.NetworkError	Internal network error.
InvalidParameter	Invalid parameter.
LimitExceeded.MaximumRunningTask	The current number of concurrent tasks exceeds the limit.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation	Unsupported operation.

DeleteLiveSnapshotRule

最終更新日：：2023-09-06 15:06:20

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to delete a screencapturing rule.

A maximum of 200 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: DeleteLiveSnapshotRule.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Push domain name.
AppName	No	String	Push path, which is the same as the <code>AppName</code> in push and playback addresses and is <code>live</code> by default.
StreamName	No	String	Stream name.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DeleteLiveSnapshotRule
&DomainName=5000.livepush.myqcloud.com
&AppName=live
&StreamName=stream1
&TemplateId=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.NotFound	No records found.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.DomainFormatError	The domain name format is incorrect. Please enter a valid one.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.

ResourceNotFound.UserDisableService	You disabled the service.
-------------------------------------	---------------------------

DeleteLiveSnapshotTemplate

最終更新日：：2023-09-06 15:06:20

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to delete a screencapturing template.

A maximum of 200 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: DeleteLiveSnapshotTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateId	Yes	Integer	Template ID. 1. Get from the returned value of the CreateLiveSnapshotTemplate API call. 2. You can query the list of created screencapturing templates through the DescribeLiveSnapshotTemplates API.

3. Output Parameters

--	--	--

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DeleteLiveSnapshotTemplate
&TemplateId=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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

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- [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
FailedOperation.ConfInUsed	The template is in use.
InternalError	Internal error.
InternalError.ArgsNotMatch	For the transcoding template adding API.
InternalError.ConfInUsed	The template is in use.
InternalError.ConfNotFound	The template does not exist.
InternalError.InvalidInput	Parameter check failed.
InternalError.NotFound	The record does not exist.
InternalError.RuleAlreadyExist	The rule has already been configured.
InternalError.RuleInUsing	The rule is in use.
InternalError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLiveSnapshotRules

最終更新日：：2023-09-06 15:06:20

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the screencapturing rule list.

A maximum of 500 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: DescribeLiveSnapshotRules.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.

3. Output Parameters

Parameter Name	Type	Description
Rules	Array of RuleInfo	Rule list.

RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.
-----------	--------	--

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveSnapshotRules
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "Rules": [
      {
        "CreateTime": "2018-09-12 15:52:01",
        "UpdateTime": "2018-10-12 18:00:05",
        "TemplateId": 1000,
        "DomainName": "5000.livepush.myqcloud.com",
        "AppName": "live",
        "StreamName": "stream1"
      }
    ],
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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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.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.

ResourceNotFound.UserDisableService

You disabled the service.

DescribeLiveSnapshotTemplate

最終更新日：：2023-09-06 15:06:19

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get a single screencapturing template.

A maximum of 500 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: DescribeLiveSnapshotTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateId	Yes	Integer	Template ID. Template ID returned by the CreateLiveSnapshotTemplate API call.

3. Output Parameters

Parameter Name	Type	Description

Template	SnapshotTemplateInfo	Screencapturing template information.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveSnapshotTemplate
&TemplateId=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "Template": {
      "TemplateId": 1000,
      "TemplateName": "testName",
      "Description": "test",
      "SnapshotInterval": 10,
      "Width": 250,
      "Height": 250,
      "PornFlag": 0,
      "CosAppId": 123,
      "CosBucket": "bucket",
      "CosRegion": "beijing"
    },
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.NotFound	No records found.
InternalServerError	Internal error.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.ConfOutLimit	The number of templates exceeded the limit.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InternalServerError.RuleOutLimit	The rule exceeds the limit.
InvalidParameter	Invalid parameter.

InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

DescribeLiveSnapshotTemplates

最終更新日：：2023-09-06 15:06:19

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the screencapturing template list.

A maximum of 500 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: DescribeLiveSnapshotTemplates.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.

3. Output Parameters

Parameter Name	Type	Description
Templates	Array of SnapshotTemplateInfo	Screencapturing template list.

RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.
-----------	--------	--

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveSnapshotTemplates
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "Templates": [
      {
        "TemplateId": 1000,
        "TemplateName": "testName",
        "Description": "test",
        "SnapshotInterval": 10,
        "Width": 250,
        "Height": 250,
        "PornFlag": 0,
        "CosAppId": 123,
        "CosBucket": "bucket",
        "CosRegion": "beijing",
        "CosPrefix": "xx",
        "CosFileName": "xx"
      }
    ],
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [Tencent Cloud SDK 3.0 for .NET](#)
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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.
InternalServerError.ArgsNotMatch	For the transcoding template adding API.
InternalServerError.ConfInUsed	The template is in use.
InternalServerError.ConfNotFound	The template does not exist.
InternalServerError.InvalidInput	Parameter check failed.
InternalServerError.NotFound	The record does not exist.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.

ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

ModifyLiveSnapshotTemplate

最終更新日：：2023-09-06 15:06:19

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to modify the screencapturing template configuration.

A maximum of 200 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: ModifyLiveSnapshotTemplate.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
TemplateId	Yes	Integer	Template ID.
CosAppId	Yes	Integer	The COS application ID. Please note that this parameter is required now.
CosBucket	Yes	String	The COS bucket name. Note: Do not include the <code>-[appid]</code> part in the value of <code>CosBucket</code> . Please note that this parameter is required now.
CosRegion	Yes	String	The COS region.

			Please note that this parameter is required now.
TemplateName	No	String	Template name. Maximum length: 255 bytes.
Description	No	String	Description. Maximum length: 1,024 bytes.
SnapshotInterval	No	Integer	Screencapturing interval in seconds. Default value: 10s. Value range: 5-300s.
Width	No	Integer	Screenshot width. Default value: 0 (original width).
Height	No	Integer	Screenshot height. Default value: 0 (original height).
PornFlag	No	Integer	Whether to enable porn detection. Default value: 0. 0: do not enable. 1: enable.
CosPrefix	No	String	COS bucket folder prefix.
CosFileName	No	String	COS filename.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

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

```
{
  "CosRegion": "beijing",
  "Description": "testDesc",
  "SnapshotInterval": "10",
  "PornFlag": "0",
  "CosBucket": "bucket",
  "TemplateName": "testName",
  "Height": "250",
  "CosAppId": "123",
  "Width": "250",
  "TemplateId": "1000"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

5. Developer Resources

SDK

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- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for Node.js](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
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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
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
FailedOperation.CosBucketNotExist	The COS bucket does not exist.
FailedOperation.CosBucketNotPermission	You don't have permission to access the COS bucket.
FailedOperation.CosRoleNotExists	The COS role does not exist. Please go to the "Feature Configuration > Live Screencapture & Porn Detection" page of the CSS console to grant the permission.
FailedOperation.NotFound	No records found.
InternalError	Internal error.
InternalError.ArgsNotMatch	For the transcoding template adding API.
InternalError.ConfInUsed	The template is in use.
InternalError.ConfNotFound	The template does not exist.
InternalError.InvalidInput	Parameter check failed.
InternalError.NotFound	The record does not exist.
InternalError.RuleAlreadyExist	The rule has already been configured.
InternalError.RuleInUsing	The rule is in use.
InternalError.RuleNotFound	The rule does not exist.
InvalidParameter	Invalid parameter.
InvalidParameter.COSCustomFileNameError	Incorrect custom COS filename.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service

	first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode

Authentication Management APIs

DescribeLiveDomainReferer

最終更新日：：2023-09-06 15:06:36

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query referer allowlist/blocklist configuration of a live streaming domain name.

Referer information is included in HTTP requests. After you enable referer configuration, live streams using RTMP or WebRTC for playback will not authenticate the referer and can be played back normally. To make the referer configuration effective, the HTTP-FLV or HLS protocol is recommended for playback.

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: DescribeLiveDomainReferer.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Playback domain name

3. Output Parameters

Parameter Name	Type	Description
RefererAuthConfig	RefererAuthConfig	Referer allowlist/blocklist configuration of a domain name
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveDomainReferer
&DomainName=5000.liveplay.myqcloud.com
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RefererAuthConfig": {
      "DomainName": "5000.liveplay.myqcloud.com",
      "Enable": 1,
      "Type": 0,
      "AllowEmpty": 1,
      "Rules": "xxx.com;yyy.com"
    },
    "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
  }
}
```

5. Developer Resources

SDK

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- [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.
InternalServerError.ConnectDbError	Database connection error.
InternalServerError.DBError	DB execution error.
InternalServerError.DomainNotExist	The domain name does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.DomainNotExist	The domain name does not exist or is not matched.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLivePlayAuthKey

最終更新日：：2023-09-06 15:06:35

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the playback authentication key.

A maximum of 500 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: DescribeLivePlayAuthKey.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Domain name.

3. Output Parameters

Parameter Name	Type	Description
PlayAuthKeyInfo	PlayAuthKeyInfo	Playback authentication key information.

RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.
-----------	--------	--

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLivePlayAuthKey
&DomainName=5000.livepush.myqcloud.com
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "PlayAuthKeyInfo": {
      "DomainName": "5000.livepush.myqcloud.com",
      "Enable": 1,
      "AuthKey": "xxxx",
      "AuthDelta": 300,
      "AuthBackKey": "xxx"
    },
    "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
  }
}
```

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.
InternalServerError.ConnectDbError	Database connection error.
InternalServerError.DBError	DB execution error.
InternalServerError.PlayDomainNoRecord	The playback domain name does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.PlayDomainNoRecord	The playback domain name does not exist.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLivePushAuthKey

最終更新日：：2023-09-06 15:06:35

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the LVB push authentication key.

A maximum of 500 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: DescribeLivePushAuthKey.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Push domain name.

3. Output Parameters

Parameter Name	Type	Description
PushAuthKeyInfo	PushAuthKeyInfo	Push authentication key information.

RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.
-----------	--------	--

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLivePushAuthKey
&DomainName=5000.livepush.myqcloud.com
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "PushAuthKeyInfo": {
      "DomainName": "5000.livepush.myqcloud.com",
      "Enable": 1,
      "MasterAuthKey": "xxxx",
      "BackupAuthKey": "xxxx",
      "AuthDelta": 300
    },
    "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
  }
}
```

5. Developer Resources

SDK

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- [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.
InternalServerError.ConnectDbError	Database connection error.
InternalServerError.DBError	DB execution error.
InternalServerError.PushDomainNoRecord	The push domain name does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.PushDomainNoRecord	The push domain name does not exist.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

ModifyLiveDomainReferer

最終更新日：：2023-09-06 15:06:35

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to configure referer allowlist/blocklist of a live streaming domain name.

Referer information is included in HTTP requests. After you enable referer configuration, live streams using RTMP or WebRTC for playback will not authenticate the referer and can be played back normally. To make the referer configuration effective, the HTTP-FLV or HLS protocol is recommended for playback.

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: ModifyLiveDomainReferer.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Playback domain name
Enable	Yes	Integer	Whether to enable referer allowlist/blocklist authentication for the current domain name
Type	Yes	Integer	List type. Valid values: <code>0</code> (blocklist), <code>1</code> (allowlist)

AllowEmpty	Yes	Integer	Whether to allow empty referer. Valid values: <code>0</code> (no), <code>1</code> (yes)
Rules	Yes	String	Referer list. Separate items in it with semicolons (;).

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=ModifyLiveDomainReferer
&DomainName=5000.liveplay.myqcloud.com
&Enable=1
&Type=0
&AllowEmpty=1
&Rules=aaa.com;bbb.com
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
  }
}
```

5. Developer Resources

SDK

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- [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.
InternalServerError.ConnectDbError	Database connection error.
InternalServerError.DBError	DB execution error.
InternalServerError.DomainNotExist	The domain name does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.DomainNotExist	The domain name does not exist or is not matched.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.

ResourceNotFound.UserDisableService	You disabled the service.
-------------------------------------	---------------------------

ModifyLivePlayAuthKey

最終更新日：：2023-09-06 15:06:35

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to modify the playback authentication key.

A maximum of 100 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: ModifyLivePlayAuthKey.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Playback domain name.
Enable	No	Integer	Whether to enable. 0: disabled; 1: enabled. If this parameter is left empty, the current value will not be modified.
AuthKey	No	String	Authentication key. If this parameter is left empty, the current value will not be modified.
AuthDelta	No	Integer	Validity period in seconds. If this parameter is left empty, the current value will not be modified.

AuthBackKey	No	String	Backup authentication key. If this parameter is left empty, the current value will not be modified.
-------------	----	--------	--

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=ModifyLivePlayAuthKey
&DomainName=5000.livepush.myqcloud.com
&Enable=0
&AuthKey=xxxx
&AuthDelta=300
&AuthBackKey=xxxx
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
  }
}
```

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.
InternalServerError.DBError	DB execution error.
InternalServerError.PlayDomainNoRecord	The playback domain name does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.PlayDomainNoRecord	The playback domain name does not exist.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

ModifyLivePushAuthKey

最終更新日：：2023-09-06 15:06:35

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to modify the LVB push authentication key.

A maximum of 200 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: ModifyLivePushAuthKey.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Push domain name.
Enable	No	Integer	Whether to enable. 0: disabled; 1: enabled. If this parameter is left empty, the current value will not be modified.
MasterAuthKey	No	String	Master authentication key. If this parameter is left empty, the current value will not be modified.
BackupAuthKey	No	String	Backup authentication key. If this parameter is left empty, the current value will not be modified.

AuthDelta	No	Integer	Validity period in seconds.
-----------	----	---------	-----------------------------

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Modifying authentication configuration for a push domain

This example shows you how to modify authentication configuration for a push domain.

Input Example

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

{
  "DomainName": "abc.com",
  "Enable": 0,
  "MasterAuthKey": "abc*&^",
  "BackupAuthKey": "",
  "AuthDelta": 1
}
```

Output Example

```
{
  "Response": {
    "RequestId": "e48b9f8d-d9d1-4de4-a732-5ab8a333c0d8"
  }
}
```

5. Developer Resources

SDK

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- [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.
InternalServerError.ConnectDbError	Database connection error.
InternalServerError.DBError	DB execution error.
InternalServerError.PushDomainNoRecord	The push domain name does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.

ResourceNotFound.PushDomainNoRecord	The push domain name does not exist.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

Monitoring Data Query APIs

DescribeAllStreamPlayInfoList

最終更新日：：2023-09-06 15:06:26

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the playback data of all streams at a specified time point (accurate to the minute).

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: DescribeAllStreamPlayInfoList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
QueryTime	Yes	String	The query time of the request, supports data query for the last one month. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
PlayDomains.N	No	Array	The playback domains to query. If you leave this empty, all playback

		of String	domains will be queried.
--	--	--------------	--------------------------

3. Output Parameters

Parameter Name	Type	Description
QueryTime	String	The time point queried, whose format is the same as that of the corresponding request parameter.
DataInfoList	Array of MonitorStreamPlayInfo	The playback data.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeAllStreamPlayInfoList
&QueryTime=2019-12-12 10:00:00
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    &QueryTime=2019-12-12 10:00:00
    "DataInfoList": [
      {
        "Bandwidth": 1.82,
        "Online": 1,
        "PlayDomain": "domain.test1.com",
        "Protocol": "HLS",
        "Rate": 0,
        "Request": 19,
        "StreamName": "test1",
```



```
{,
{
  "Bandwidth": 1.59,
  "Online": 1,
  "PlayDomain": "domain.test2.com",
  "Protocol": "Flv",
  "Rate": 0,
  "Request": 10,
  "StreamName": "test2"
},
{
  "Bandwidth": 3.6,
  "Online": 2,
  "PlayDomain": "domain.test3.com",
  "Protocol": "Flv",
  "Rate": 0,
  "Request": 12,
  "StreamName": "test3"
}
],
"RequestId": "k54e3deb-f318-4147-8a68-3c959642f9ec"
}
```

5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeGroupProlspPlayInfoList

最終更新日：：2023-09-06 15:06:26

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the downstream playback data by district and ISP.

A maximum of 200 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: DescribeGroupProlspPlayInfoList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StartTime	Yes	String	The start time of the request, supports data query for the last one month, the gap between the start time and the end time cannot exceed one month. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
EndTime	Yes	String	The end time of the request, supports data query for the last one month, the gap between the start time and the end time cannot exceed one month. Interface request supports two time

			formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
PlayDomains.N	No	Array of String	Playback domain name. If this parameter is left empty, full data will be queried.
ProvinceNames.N	No	Array of String	District list. If this parameter is left empty, data for all districts will be returned.
IspNames.N	No	Array of String	ISP list. If this parameter is left empty, data of all ISPs will be returned.
MainlandOrOversea	No	String	Within or outside Mainland China. Valid values: Mainland (data for Mainland China), Oversea (data for regions outside Mainland China). If this parameter is left empty, data for all regions will be queried.

3. Output Parameters

Parameter Name	Type	Description
DataInfoList	Array of GroupProIspDataInfo	Data content.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeGroupProIspPlayInfoList
&StartTime=2019-03-29 09:00:00
```

```
&EndTime=2019-03-29 09:10:00
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
      {
        "DetailInfoList": [
          {
            "Bandwidth": 863.073,
            "Flux": 6473.05,
            "Online": 540,
            "Request": 449,
            "Time": "2019-03-29 09:00:00"
          },
          {
            "Bandwidth": 891.49,
            "Flux": 6686.173,
            "Online": 524,
            "Request": 455,
            "Time": "2019-03-29 09:05:00"
          },
          {
            "Bandwidth": 847.715,
            "Flux": 6357.859,
            "Online": 612,
            "Request": 578,
            "Time": "2019-03-29 09:10:00"
          }
        ],
        "IspName": "China Telecom",
        "ProvinceName": "Guangdong"
      },
      {
        "DetailInfoList": [
          {
            "Bandwidth": 213.405,
            "Flux": 1600.537,
            "Online": 132,
            "Request": 184,
            "Time": "2019-03-29 09:00:00"
          },
          {
            "Bandwidth": 215.738,
```

```
"Flux": 1618.032,
"Online": 125,
"Request": 122,
"Time": "2019-03-29 09:05:00"
},
{
"Bandwidth": 226.96,
"Flux": 1702.203,
"Online": 131,
"Request": 131,
"Time": "2019-03-29 09:10:00"
}
],
"IspName": "China Unicom",
"ProvinceName": "Guangdong"
}
],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```

5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation	Unsupported operation.

DescribeHttpStatusInfoList

最終更新日：：2023-09-06 15:06:25

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the number of each playback HTTP status code at a 5-minute granularity in a certain period of time.

Note: data can be queried one hour after it is generated. For example, data between 10:00 and 10:59 cannot be queried until 12:00.

A maximum of 200 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: DescribeHttpStatusInfoList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StartTime	Yes	String	The start time of the request, supports data query for the last three months, the gap between the start time and the end time cannot exceed one day. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.

EndTime	Yes	String	The end time of the request, supports data query for the last three months, the gap between the start time and the end time cannot exceed one day. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format,for details,see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
PlayDomains.N	No	Array of String	Playback domain name list.

3. Output Parameters

Parameter Name	Type	Description
DataInfoList	Array of HttpStatusData	Playback status code list.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeHttpStatusInfoList
&PlayDomains.0=5000.liveplay.com
&StartTime=2019-03-01 00:00:00
&EndTime=2019-03-01 00:01:00
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
      {
```

```
"Time": "2019-03-01 00:00:00",
"HttpStatusInfoList": [
{
  "HttpStatus": "200",
  "Num": 100
}
],
"RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
}
```

5. Developer Resources

SDK

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

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- [Tencent Cloud SDK 3.0 for Java](#)
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- [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
FailedOperation	Operation failed.

InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLiveDomainPlayInfoList

最終更新日：：2022-03-31 16:19:21

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the real-time downstream playback data at the domain name level. As it takes certain time to process data, the API queries quasi-real-time data generated 4 minutes ago by default.

A maximum of 100 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](#).

This document describes the parameters for Signature V1. It's recommended to use the V3 signature, which provides higher security. Note that for Signature V3, the common parameters need to be placed in the HTTP Header. [See details](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common parameter. The value used for this API: DescribeLiveDomainPlayInfoList.
Version	Yes	String	Common parameter. The value used for this API: 2018-08-01.
Region	No	String	Common parameter. This parameter is not required for this API.
PlayDomains.N	No	Array of String	Playback domain name list.

3. Output Parameters

Parameter Name	Type	Description
Time	String	Data time in the format of <code>yyyy-mm-dd HH:MM:SS</code> .
TotalBandwidth	Float	Real-time total bandwidth.
TotalFlux	Float	Real-time total traffic.
TotalRequest	Integer	Total number of requests.
TotalOnline	Integer	Real-time total number of connections.
DomainInfoList	Array of DomainInfoList	Data by domain name.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveDomainPlayInfoList
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "DomainInfoList": [
      {
        "DetailInfoList": [
          {
            "Bandwidth": 309.998,
            "Flux": 18599.88,
            "MainlandOrOversea": "Mainland",
            "Online": 374,
            "Request": 175
          },
          {
            "Bandwidth": 0,
```

```
"Flux": 0,
"MainlandOrOversea": "Oversea",
"Online": 0,
"Request": 0
},
{
  "Domain": "345.tencent.com"
},
{
  "DetailInfoList": [
    {
      "Bandwidth": 134351.765,
      "Flux": 8061105.9,
      "MainlandOrOversea": "Mainland",
      "Online": 130171,
      "Request": 102524
    },
    {
      "Bandwidth": 0,
      "Flux": 0,
      "MainlandOrOversea": "Oversea",
      "Online": 0,
      "Request": 0
    }
  ],
  "Domain": "123.tencent.com"
},
{
  "RequestId": "04b76ebd-487d-4a7a-aca8-82060359fee",
  "Time": "2019-04-07 21:55:00",
  "TotalBandwidth": 2909181.92,
  "TotalFlux": 174550915.2,
  "TotalOnline": 2800396,
  "TotalRequest": 2446274
}
}
```

5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
InvalidParameterValue	Invalid parameter value.
UnsupportedOperation	Unsupported operation.

DescribeLiveStreamPushInfoList

最終更新日：：2023-09-06 15:06:25

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the push information of all real-time streams, including client IP, server IP, frame rate, bitrate, domain name, and push start time.

A maximum of 500 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: DescribeLiveStreamPushInfoList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
PushDomain	No	String	Push domain name.
AppName	No	String	Push path, which is the same as the <code>AppName</code> in push and playback addresses and is <code>live</code> by default.
PageNum	No	Integer	Number of pages, Value range: [1,10000], Default value: 1.
PageSize	No	Integer	Number of entries per page,

Value range: [1,1000],
Default value: 200.

3. Output Parameters

Parameter Name	Type	Description
DataInfoList	Array of PushDataInfo	Live stream statistics list.
TotalNum	Integer	Total number of live streams.
TotalPage	Integer	Total number of pages.
PageNum	Integer	Page number where the current data resides.
PageSize	Integer	Number of live streams per page.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveStreamPushInfoList
&PushDomain=5000.pushdomain.com
&AppName=live
&PageNum=1
&PageSize=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
      {
        "StreamName": "test1",
```

```
"AppName": "live",
"ClientIp": "127.0.0.1",
"ServerIp": "127.0.0.1",
"VideoFps": 100,
"VideoSpeed": 100,
"AudioFps": 40,
"AudioSpeed": 40,
"ASampleRate": 48000,
"PushDomain": "5000.pushdomain.com",
"BeginPushTime": "2019-02-01 00:00:00",
"Acodec": "AAC",
"Vcodec": "H264",
"Resolution": "350*350",
"MetaAudioSpeed": 22,
"MetaFps": 30,
"MetaVideoSpeed": 4885
},
],
"PageNum": 1,
"PageSize": 1000,
"TotalNum": 1,
"TotalPage": 1,
"RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
}
```

5. Developer Resources

SDK

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- [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
FailedOperation.HasNotLivingStream	No live stream.
FailedOperation.QueryUploadInfoFailed	Failed to query the upload information.
InternalServerError	Internal error.
InternalServerError.InvalidRequest	Invalid request.
InternalServerError.QueryProlspPlayInfoError	Failed to query the playback information by ISP and district.
InternalServerError.QueryUploadInfoFailed	Failed to query the upload information.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLiveTranscodeDetailInfo

最終更新日：：2023-09-06 15:06:25

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the transcoding details of a particular day or a specific time period. Querying may fail if the amount of data queried is too large. In such cases, try shortening the time period.

A maximum of 200 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: DescribeLiveTranscodeDetailInfo.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
PushDomain	No	String	Push domain name.
StreamName	No	String	Stream name.
DayTime	No	String	Query date (UTC+8) Format: yyyyymmdd Note: you can query the statistics for a day in the past three months, with yesterday as the latest date allowed.
PageNum	No	Integer	Number of pages. Default value: 1.

			Up to 100 pages.
PageSize	No	Integer	Number of entries per page. Default value: 20, Value range: [10,1000].
StartDayTime	No	String	Start date (UTC+8) Format: yyyyymmdd Note: details for the last three months can be queried.
EndDayTime	No	String	End date (UTC+8) Format: yyyyymmdd Note: you can query the statistics for a period in the past three months, with yesterday as the latest date allowed. You must specify either <code>DayTime</code> , or <code>StartDayTime</code> and <code>EndDayTime</code> . If you specify all three parameters, only <code>DayTime</code> will be applied.

3. Output Parameters

Parameter Name	Type	Description
DataInfoList	Array of TranscodeDetailInfo	Statistics list.
PageNum	Integer	Page number.
PageSize	Integer	Number of entries per page.
TotalNum	Integer	Total number.
TotalPage	Integer	Total number of pages.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
POST / HTTP/1.1
Host: live.tencentcloudapi.com
```

```
Content-Type: application/json
X-TC-Action: DescribeLiveTranscodeDetailInfo
<Common request parameters>

{
  "PageNum": "1",
  "PageSize": "20",
  "DayTime": "20190307"
}
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
      {
        "StreamName": "test",
        "StartTime": "2019-03-01 01:00",
        "EndTime": "2019-03-01 04:00",
        "Duration": 8,
        "ModuleCodec": "liveprocessor_H264",
        "Bitrate": 120,
        "Type": "Stream mix",
        "PushDomain": "5000.livepush.com",
        "Resolution": "480P",
        "MainlandOrOversea": "Mainland"
      }
    ],
    "PageNum": 1,
    "PageSize": 20,
    "TotalNum": 1,
    "TotalPage": 1,
    "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
  }
}
```

5. Developer Resources

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- [Tencent Cloud SDK 3.0 for .NET](#)
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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
FailedOperation	Operation failed.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribePlayErrorCodeDetailInfoList

最終更新日：：2023-09-06 15:06:25

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the information of downstream playback error codes, i.e., the occurrences of each HTTP error code (4xx and 5xx) at a 1-minute granularity in a certain period of time.

A maximum of 100 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: DescribePlayErrorCodeDetailInfoList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StartTime	Yes	String	The start time of the request, supports data query for the last one day, the gap between the start time and the end time cannot exceed one day. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
EndTime	Yes	String	The end time of the request, supports data query for the last

			one day, the gap between the start time and the end time cannot exceed one day. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
Granularity	Yes	Integer	Query granularity: 1: 1-minute granularity.
StatType	Yes	String	Yes. Valid values: "4xx", "5xx". Mixed codes in the format of <code>4xx, 5xx</code> are also supported.
PlayDomains.N	No	Array of String	Playback domain name list.
MainlandOrOversea	No	String	Region. Valid values: Mainland (data for Mainland China), Oversea (data for regions outside Mainland China), China (data for China, including Hong Kong, Macao, and Taiwan), Foreign (data for regions outside China, excluding Hong Kong, Macao, and Taiwan), Global (default). If this parameter is left empty, data for all regions will be queried.

3. Output Parameters

Parameter Name	Type	Description
HttpCodeList	Array of HttpCodeInfo	Statistics list.
StatType	String	Statistics type.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribePlayErrorCodeDetailInfoList
&PlayDomains.0=5000.playdomain.com
&StartTime=2019-03-01 00:00:00
&EndTime=2019-03-01 00:01:00
&Granularity=1
&StatType=4xx
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "HttpCodeList": [
      {
        "HttpCode": "4xx",
        "ValueList": [
          {
            "Time": "2019-03-01 00:00:00",
            "Numbers": 20,
            "Percentage": 0.96
          }
        ]
      }
    ],
    "StatType": "4xx",
    "RequestId": "e6628973-db6a-48f1-9fcd-fe0b3ba54bc9"
  }
}
```

5. Developer Resources

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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
FailedOperation	Operation failed.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribePlayErrorCodeSumInfoList

最終更新日：：2023-09-06 15:06:25

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the information of downstream playback error codes.

A maximum of 200 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: DescribePlayErrorCodeSumInfoList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StartTime	Yes	String	The start time of the request, supports data query for the last one day, the gap between the start time and the end time cannot exceed one day. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
EndTime	Yes	String	The end time of the request, supports data query for the last one day, the gap between the start time and the end time cannot exceed one day. Interface request supports two time

			formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
PlayDomains.N	No	Array of String	Playback domain name list. If this parameter is left empty, full data will be queried.
PageNum	No	Integer	Number of pages. Value range: [1,1000]. Default value: 1.
PageSize	No	Integer	Number of entries per page. Value range: [1,1000]. Default value: 20.
MainlandOrOversea	No	String	Region. Valid values: Mainland (data for Mainland China), Oversea (data for regions outside Mainland China), China (data for China, including Hong Kong, Macao, and Taiwan), Foreign (data for regions outside China, excluding Hong Kong, Macao, and Taiwan), Global (default). If this parameter is left empty, data for all regions will be queried.
GroupType	No	String	Grouping parameter. Valid values: CountryProlsp (default value), Country (country/region). Grouping is made by country/region + district + ISP by default. Currently, districts and ISPs outside Mainland China cannot be recognized.
OutLanguage	No	String	Language used in the output field. Valid values: Chinese (default), English. Currently, country/region, district, and ISP parameters support multiple languages.

3. Output Parameters

Parameter Name	Type	Description
ProlspInfoList	Array of ProlspPlayCodeDataInfo	Information of error codes starting with 2, 3, 4, or 5 by district and ISP.
TotalCodeAll	Integer	Total occurrences of all status codes.
TotalCode4xx	Integer	Occurrences of 4xx status codes.
TotalCode5xx	Integer	Occurrences of 5xx status codes.

TotalCodeList	Array of PlayCodeTotalInfo	Total occurrences of each status code.
PageNum	Integer	Page number.
PageSize	Integer	Number of entries per page.
TotalPage	Integer	Total number of pages.
TotalNum	Integer	Total number of results.
TotalCode2xx	Integer	Occurrences of 2xx status codes.
TotalCode3xx	Integer	Occurrences of 3xx status codes.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribePlayErrorCodeSumInfoList
&PlayDomains.0=5000.playdomain.com
&StartTime=2019-03-01 00:00:00
&EndTime=2019-03-01 12:00:00
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "ProIspInfoList": [
      {
        "CountryAreaName": "China",
        "ProvinceName": "Shandong",
        "IspName": "China Mobile",
        "Code2xx": 11,
        "Code3xx": 12,
        "Code4xx": 10,
        "Code5xx": 19
      }
    ],
  }
```

```
"TotalCodeList": [  
  {  
    "Code": "200",  
    "Num": 11  
  },  
  {  
    "Code": "302",  
    "Num": 12  
  },  
  {  
    "Code": "403",  
    "Num": 1000  
  },  
  {  
    "Code": "500",  
    "Num": 19  
  }  
],  
"TotalCodeAll": 100,  
"TotalCode2xx": 11,  
"TotalCode3xx": 12,  
"TotalCode4xx": 10,  
"TotalCode5xx": 29,  
"PageNum": 1,  
"PageSize": 10,  
"TotalPage": 10,  
"TotalNum": 100,  
"RequestId": "e6628973-db6a-48f1-9fcd-fe0b3ba54bc9"  
}
```

5. Developer Resources

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- [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
FailedOperation	Operation failed.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeProlspPlaySumInfoList

最終更新日：：2022-03-31 16:19:20

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the average traffic per second, total traffic, and number of total requests by country/region, district, and ISP in a certain period of time.

A maximum of 100 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](#).

This document describes the parameters for Signature V1. It's recommended to use the V3 signature, which provides higher security. Note that for Signature V3, the common parameters need to be placed in the HTTP Header. [See details](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common parameter. The value used for this API: DescribeProlspPlaySumInfoList.
Version	Yes	String	Common parameter. The value used for this API: 2018-08-01.
Region	No	String	Common parameter. This parameter is not required for this API.
StartTime	Yes	String	Start time (Beijing time). In the format of <code>yyyy-mm-dd HH:MM:SS</code> .
EndTime	Yes	String	End time (Beijing time). In the format of <code>yyyy-mm-dd HH:MM:SS</code> .

			Note: <code>EndTime</code> and <code>StartTime</code> only support querying data for the last day.
StatType	Yes	String	Statistics type. Valid values: Province (district), Isp (ISP), CountryOrArea (country or region).
PlayDomains.N	No	Array of String	Playback domain name list. If it is left empty, it refers to all playback domain names.
PageNum	No	Integer	Page number. Value range: [1,1000]. Default value: 1.
PageSize	No	Integer	Number of entries per page. Value range: [1,1000]. Default value: 20.
MainlandOrOversea	No	String	Region. Valid values: Mainland (data for Mainland China), Oversea (data for regions outside Mainland China), China (data for China, including Hong Kong, Macao, and Taiwan), Foreign (data for regions outside China, excluding Hong Kong, Macao, and Taiwan), Global (default). If this parameter is left empty, data for all regions will be queried.
OutLanguage	No	String	Language used in the output field. Valid values: Chinese (default), English. Currently, country/region, district, and ISP parameters support multiple languages.

3. Output Parameters

Parameter Name	Type	Description
TotalFlux	Float	Total traffic.
TotalRequest	Integer	Total number of requests.
StatType	String	Statistics type.
PageSize	Integer	Number of results per page.
PageNum	Integer	Page number.
TotalNum	Integer	Total number of results.
TotalPage	Integer	Total number of pages.
DataInfoList	Array of ProlspPlaySumInfo	Aggregated data list by district, ISP, or country/region.

AvgFluxPerSecond	Float	Download speed in MB/s. Calculation method: total traffic/total duration.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeProIspPlaySumInfoList
&PlayDomains.0=5000.playdomain.com
&StartTime=2019-03-01 00:00:00
&EndTime=2019-03-01 12:00:00
&StatType=Province
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
      {
        "Name": "Shandong",
        "TotalFlux": 50.0,
        "TotalRequest": 50,
        "AvgFluxPerSecond": 10.1
      }
    ],
    "TotalFlux": 100.0,
    "TotalRequest": 100,
    "AvgFluxPerSecond": 100,
    "PageSize": 10,
    "PageNum": 1,
    "TotalNum": 10,
    "TotalPage": 2,
    "StatType": "Province",
    "RequestId": "e6628973-db6a-48f1-9fcd-fe0b3ba54bc9"
  }
}
```

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 NodeJS](#)
- [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
FailedOperation	Operation failed.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.

DescribeProvincelispPlayInfoList

最終更新日：：2023-09-06 15:06:24

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the downstream playback data of a specified ISP in a specified district, including bandwidth, traffic, number of requests, and number of concurrent connections.

A maximum of 200 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: DescribeProvincelispPlayInfoList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StartTime	Yes	String	The start time of the request, supports data query for the last one day, the gap between the start time and the end time cannot exceed one day. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
EndTime	Yes	String	The end time of the request, supports data query for the last

			one day, the gap between the start time and the end time cannot exceed one day. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
Granularity	Yes	Integer	Supported granularities: 1: 1-minute granularity (the query interval should be within 1 day)
StatType	Yes	String	Statistical metric type: "Bandwidth": bandwidth "FluxPerSecond": average traffic "Flux": traffic "Request": number of requests "Online": number of concurrent connections
PlayDomains.N	No	Array of String	Playback domain name list.
ProvinceNames.N	No	Array of String	List of the districts to be queried, such as Beijing.
IspNames.N	No	Array of String	List of the ISPs to be queried, such as China Mobile. If this parameter is left empty, the data of all ISPs will be queried.
MainlandOrOversea	No	String	Region. Valid values: Mainland (data for Mainland China), Oversea (data for regions outside Mainland China), China (data for China, including Hong Kong, Macao, and Taiwan), Foreign (data for regions outside China, excluding Hong Kong, Macao, and Taiwan), Global (default). If this parameter is left empty, data for all regions will be queried.
IpType	No	String	IP type: "Ipv6": IPv6 data Data of all IPs will be returned if this parameter is left empty.

3. Output Parameters

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Parameter Name	Type	Description
DataInfoList	Array of PlayStatInfo	Playback information list.
StatType	String	Statistics type, which is the same as the input parameter.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeProvinceIspPlayInfoList
&PlayDomains.0=5000.playdomain.com
&StartTime=2019-02-01 00:00:00
&EndTime=2019-02-02 00:00:00
&Granularity=1
&StatType=Bandwidth
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
      {
        "Time": "2019-02-01 00:00:00",
        "Value": 500.0
      }
    ],
    "StatType": "Bandwidth",
    "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
  }
}
```

5. Developer Resources

SDK

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

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- [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
FailedOperation	Operation failed.
InternalError	Internal error.
InternalError.HasNotLivingStream	No live stream.
InternalError.InvalidRequest	Invalid request.
InternalError.QueryProlspPlayInfoError	Failed to query the playback information by ISP and district.
InternalError.QueryUploadInfoFailed	Failed to query the upload information.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top

	up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeStreamDayPlayInfoList

最終更新日：：2023-09-06 15:06:24

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the playback data of each stream at the day level, including the total traffic.

A maximum of 500 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: DescribeStreamDayPlayInfoList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DayTime	Yes	String	Date in the format of YYYY-mm-dd Data is available at 3am Beijing Time the next day. You are recommended to query the latest data after this time point. Data in the last 3 months can be queried.
PlayDomain	No	String	Playback domain name.
PageNum	No	Integer	Page number. Value range: [1,1000]. Default value: 1.
PageSize	No	Integer	Number of entries per page. Value range: [100,1000]. Default value: 1,000.

MainlandOrOversea	No	String	Valid values: Mainland: query data for Mainland China, Oversea: query data for regions outside Mainland China, Default: query data for all regions.
ServiceName	No	String	Service name. Valid values: LVB, LEB. If this parameter is left empty, all data of LVB and LEB will be queried.

3. Output Parameters

Parameter Name	Type	Description
DataInfoList	Array of PlayDataInfoByStream	Playback data information list.
TotalNum	Integer	Total number.
TotalPage	Integer	Total number of pages.
PageNum	Integer	Page number where the current data resides.
PageSize	Integer	Number of entries per page.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeStreamDayPlayInfoList
&PlayDomain=5000.livepush.com
&DayTime=2019-02-21
&PageNum=1
&PageSize=1000
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
      {
        "StreamName": "test1",
        "TotalFlux": 500.0
      }
    ],
    "TotalNum": 100,
    "TotalPage": 1,
    "PageNum": 1,
    "PageSize": 1000,
    "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
  }
}
```

5. Developer Resources

SDK

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- [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](#).

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Error Code	Description
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeStreamPlayInfoList

最終更新日：：2023-09-06 15:06:24

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the playback data. It supports querying the playback details by stream name and aggregated data by playback domain name. Data in the last 4 minutes or so cannot be queried due to delay.

Note: to query by `AppName`, you need to submit a ticket first. After your application succeeds, it will take about 5 business days (subject to the time in the reply) for the configuration to take effect.

A maximum of 500 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: DescribeStreamPlayInfoList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StartTime	Yes	String	The start time of the request, supports data query for the last one month, the gap between the start time and the end time cannot exceed twenty-four hours. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.

EndTime	Yes	String	The end time of the request, supports data query for the last one month, the gap between the start time and the end time cannot exceed twenty-four hours. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
PlayDomain	No	String	Playback domain name, If this parameter is left empty, data of live streams of all playback domain names will be queried.
StreamName	No	String	Stream name (exact match). If this parameter is left empty, full playback data will be queried.
AppName	No	String	Push address. Its value is the same as the <code>AppName</code> in playback address. It supports exact match, and takes effect only when <code>StreamName</code> is passed at the same time. If it is left empty, the full playback data will be queried. Note: to query by <code>AppName</code> , you need to submit a ticket first. After your application succeeds, it will take about 5 business days (subject to the time in the reply) for the configuration to take effect.
ServiceName	No	String	Service name. Valid values: LVB, LEB. If this parameter is left empty, all data of LVB and LEB will be queried.

3. Output Parameters

Parameter Name	Type	Description
DataInfoList	Array of DayStreamPlayInfo	Statistics list at a 1-minute granularity.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

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

```
{
  "PlayDomain": "5000.playdomain.com",
  "StreamName": "stream1",
  "EndTime": "2019-03-01 00:03:00",
  "StartTime": "2019-03-01 00:00:00"
}
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
      {
        "Time": "2019-03-01 00:00:00",
        "Bandwidth": 10.0,
        "Flux": 75.0,
        "Request": 50,
        "Online": 10
      },
      {
        "Time": "2019-03-01 00:02:00",
        "Bandwidth": 20.0,
        "Flux": 150.0,
        "Request": 50,
        "Online": 20
      },
      {
        "Time": "2019-03-01 00:03:00",
        "Bandwidth": 30.0,
        "Flux": 225.0,
        "Request": 50,
        "Online": 30
      }
    ],
    "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
  }
}
```


5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
InternalError	Internal error.
InternalError.DBError	DB execution error.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeStreamPushInfoList

最終更新日：：2023-09-15 17:29:30

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the push data of a stream, including the audio/video frame rate, bitrate, elapsed time, and codec.

A maximum of 40 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: DescribeStreamPushInfoList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StreamName	Yes	String	The stream name.
StartTime	Yes	String	The start time of the request, supports data query for the last seven days, the gap between the start time and the end time cannot exceed three hours. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.

EndTime	Yes	String	The end time of the request, supports data query for the last seven days, the gap between the start time and the end time cannot exceed three hours. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
PushDomain	No	String	The push domain.
AppName	No	String	The push path, which should be the same as <code>AppName</code> in the push and playback URL. The default value is <code>live</code> .

3. Output Parameters

Parameter Name	Type	Description
DataInfoList	Array of PushQualityData	Returned data list.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeStreamPushInfoList
&StartTime=2019-06-21 12:00:00
&EndTime=2019-06-21 12:01:02
&StreamName=abcd
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
```

```
{
  "StreamParam": "xx",
  "ACodec": "AAC",
  "AppName": "live",
  "AudioFps": 43,
  "AudioRate": 131580,
  "AudioTs": 5004,
  "BeginPushTime": "2019-06-21 00:29:12.252",
  "ClientIp": "125.39.132.102",
  "LocalTs": 5000,
  "PushDomain": "123.livepush.myqcloud.com",
  "Resolution": "368*640",
  "Sequence": "10151483429474411508",
  "Time": "2019-06-21 01:10:39.87",
  "VCodec": "H264",
  "VideoFps": 24,
  "VideoRate": 701528,
  "VideoTs": 5032,
  "MateFps": 30,
  "MetaAudioRate": 22,
  "MetaVideoRate": 4885,
  "Bandwidth": 1.0,
  "Flux": 1.0
},
{
  "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
}
```

5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeTopClientIpSumInfoList

最終更新日：：2023-09-06 15:06:24

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the information of the top n client IPs in a certain period of time (top 1,000 is supported currently).

A maximum of 100 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: DescribeTopClientIpSumInfoList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StartTime	Yes	String	The start time of the request, supports data query for the last one day, the gap between the start time and the end time cannot exceed four hours. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
EndTime	Yes	String	The end time of the request, supports data query for the last

			one day, the gap between the start time and the end time cannot exceed four hours. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
PlayDomains.N	No	Array of String	Playback domain name. If this parameter is left empty, full data will be queried by default.
PageNum	No	Integer	Page number. Value range: [1,1000]. Default value: 1.
PageSize	No	Integer	Number of entries per page. Value range: [1,1000]. Default value: 20.
OrderParam	No	String	Sorting metric. Valid values: TotalRequest (default value), FailedRequest, TotalFlux.
MainlandOrOversea	No	String	Region. Valid values: Mainland (data for Mainland China), Oversea (data for regions outside Mainland China), China (data for China, including Hong Kong, Macao, and Taiwan), Foreign (data for regions outside China, excluding Hong Kong, Macao, and Taiwan), Global (default). If this parameter is left empty, data for all regions will be queried.
OutLanguage	No	String	Language used in the output field. Valid values: Chinese (default), English. Currently, country/region, district, and ISP parameters support multiple languages.

3. Output Parameters

Parameter Name	Type	Description
PageNum	Integer	Page number. Value range: [1,1000]. Default value: 1.
PageSize	Integer	Number of entries per page. Value range: [1,1000]. Default value: 20.
OrderParam	String	Sorting metric. Valid values: "TotalRequest", "FailedRequest", "TotalFlux".
TotalNum	Integer	Total number of results.

TotalPage	Integer	Total number of result pages.
DataInfoList	Array of ClientIpPlaySumInfo	Data content.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeTopClientIpSumInfoList
&StartTime=2019-03-01 00:00:00
&EndTime=2019-03-01 04:00:00
&PageSize=2
&PageNum=2
&OrderParam=TotalFlux
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
      {
        "ClientIp": "119.44.7.168",
        "CountryArea": "China",
        "Province": "Hunan",
        "TotalFailedRequest": 4,
        "TotalFlux": 13321.099,
        "TotalRequest": 740
      },
      {
        "ClientIp": "119.44.7.175",
        "CountryArea": "China",
        "Province": "Hunan",
        "TotalFailedRequest": 3,
        "TotalFlux": 12566.334,
        "TotalRequest": 2318
      }
    ]
  }
}
```

```
"OrderParam": "TotalFlux",
"PageNum": 2,
"PageSize": 2,
"RequestId": "k54e3deb-f318-4147-8a68-3c959642f9ec",
"TotalNum": 1000,
"TotalPage": 500
}
```

5. Developer Resources

SDK

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Command Line Interface

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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
FailedOperation	Operation failed.
InvalidParameter	Invalid parameter.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.

ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeVisitTopSumInfoList

最終更新日：：2023-09-15 17:29:30

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the information of the top n domain names or stream IDs in a certain period of time (top 1,000 is supported currently).

A maximum of 100 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: DescribeVisitTopSumInfoList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StartTime	Yes	String	The start time of the request, supports data query for the last one day, the gap between the start time and the end time cannot exceed four hours. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
EndTime	Yes	String	The end time of the request, supports data query for the last one

			day, the gap between the start time and the end time cannot exceed four hours. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format,for details,see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
TopIndex	Yes	String	Bandwidth metric. Valid values: "Domain", "StreamId".
PlayDomains.N	No	Array of String	Playback domain name. If this parameter is left empty, full data will be queried by default.
PageNum	No	Integer	Page number, Value range: [1,1000], Default value: 1.
PageSize	No	Integer	Number of entries per page. Value range: [1,1000]. Default value: 20.
OrderParam	No	String	Sorting metric. Valid values: "AvgFluxPerSecond", "TotalRequest" (default), "TotalFlux".

3. Output Parameters

Parameter Name	Type	Description
PageNum	Integer	Page number, Value range: [1,1000], Default value: 1.
PageSize	Integer	Number of entries per page. Value range: [1,1000]. Default value: 20.
TopIndex	String	Bandwidth metric. Valid values: "Domain", "StreamId".
OrderParam	String	Sorting metric. Valid values: AvgFluxPerSecond (sort by average traffic per second), TotalRequest (sort by total requests), TotalFlux (sort by total traffic). Default value: TotalRequest.
TotalNum	Integer	Total number of results.
TotalPage	Integer	Total number of result pages.

DataInfoList	Array of PlaySumStatInfo	Data content.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeVisitTopSumInfoList
&StartTime=2019-03-01 00:00:00
&EndTime=2019-03-01 04:00:00
&PageSize=2
&PageNum=2
&TopIndex=StreamId
&OrderParam=TotalFlux
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
      {
        "AvgFluxPerSecond": 4.773,
        "Name": "CSZFMPP360",
        "TotalRequest": 36590,
        "TotalFlux": 69023.772
      },
      {
        "AvgFluxPerSecond": 4.634,
        "Name": "CSNXMPP360",
        "TotalRequest": 88629,
        "TotalFlux": 67009.417
      }
    ],
    "OrderParam": "TotalFlux",
    "PageNum": 2,
    "PageSize": 2,
    "RequestId": "k54e3deb-f318-4147-8a68-3c959642f9ec",
    "TopIndex": "StreamId",
```

```
"TotalNum": 1000,  
"TotalPage": 500  
}  
}
```

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
FailedOperation	Operation failed.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.

ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

Billing Data Query APIs

DescribeAreaBillBandwidthAndFluxList

最終更新日：：2022-03-31 16:19:37

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the billable LVB bandwidth and traffic data outside Chinese mainland.

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](#).

This document describes the parameters for Signature V1. It's recommended to use the V3 signature, which provides higher security. Note that for Signature V3, the common parameters need to be placed in the HTTP Header. [See details](#).

Parameter Name	Required	Type	Description
Action	Yes	String	Common parameter. The value used for this API: DescribeAreaBillBandwidthAndFluxList.
Version	Yes	String	Common parameter. The value used for this API: 2018-08-01.
Region	No	String	Common parameter. This parameter is not required for this API.
StartTime	Yes	String	Start time point in the format of yyyy-mm-dd HH:MM:SS.
EndTime	Yes	String	End time point in the format of yyyy-mm-dd HH:MM:SS. The difference between the start time and end time cannot be greater than 1 days.

PlayDomains.N	No	Array of String	LVB playback domain name. If it is left blank, the full data will be queried.
---------------	----	-----------------	---

3. Output Parameters

Parameter Name	Type	Description
DataInfoList	Array of BillAreaInfo	Detailed data information.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeAreaBillBandwidthAndFluxList
&PlayDomains.0=5000.playdomain.com
&StartTime=2019-02-0100:00:00
&EndTime=2019-02-0100:10:00
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
      {
        "Name": "Middle East/Africa",
        "Countrys": [
          {
            "Name": "United Arab Emirates",
            "BandInfoList": [
              {
                "Bandwidth": 6.95,
                "Flux": 260.7,
```

```
"PeakTime": "2020-09-09 00:00:00",
"Time": "2020-09-09 00:05:00"
},
{
  "Bandwidth": 5.84,
  "Flux": 219.09,
  "PeakTime": "2020-09-09 00:05:00",
  "Time": "2020-09-09 00:10:00"
}
]
}
]
}
],
"RequestId": "xx"
}
}
```

5. Developer Resources

SDK

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- [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 NodeJS](#)
- [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
FailedOperation	Operation failed.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.

DescribeDeliverBandwidthList

最終更新日：：2023-09-06 15:06:34

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the billable bandwidth of live stream relaying in the last 3 months. The query period is up to 31 days.

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: DescribeDeliverBandwidthList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StartTime	Yes	String	The start time of the request, supports data query for the last three months, the gap between the start time and the end time cannot exceed a month. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
EndTime	Yes	String	The end time of the request, supports data query for the last three

months, the gap between the start time and the end time cannot exceed a month. Interface request supports two time formats:

- 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see [ISO Date Format Description](#)
- 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.

3. Output Parameters

Parameter Name	Type	Description
DataInfoList	Array of BandwidthInfo	Billable bandwidth of live stream relaying.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeDeliverBandwidthList
&StartTime=2020-01-07 21:10:00
&EndTime=2020-01-07 21:15:00
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
      {
        "Bandwidth": 45927.6,
        "Time": "2020-05-01 00:00:00"
      },
      {
        "Bandwidth": 44494.84,
        "Time": "2020-05-01 00:05:00"
      }
    ]
  }
}
```

```
},
{
  "Bandwidth": 43061.09,
  "Time": "2020-05-01 00:10:00"
}
],
"RequestId": "f54e3deb-f318-4148-8a68-3c959642f9ec"
}
```

5. Developer Resources

SDK

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- [Tencent Cloud SDK 3.0 for Java](#)
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- [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
FailedOperation	Operation failed.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.

ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation	Unsupported operation.

DescribeLiveTimeShiftBillInfoList

最終更新日：：2023-09-06 15:06:34

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the time-shift video length, time-shift days, and total time-shift period of push domains. The data returned is on a five-minute basis. You can use it for reconciliation.

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: DescribeLiveTimeShiftBillInfoList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StartTime	Yes	String	The start time for query. You can query data from the past three months. The longest time period that can be queried is one month. It must be in UTC format. Example: 2019-01-08T10:00:00Z. Note: Beijing time is 8 hours ahead of UTC. The ISO 8601 format is used.
EndTime	Yes	String	The end time for query. You can query data from the past three

			months. The longest time period that can be queried is one month. It must be in UTC format. Example: 2019-01-08T10:00:00Z. Note: Beijing time is 8 hours ahead of UTC. The ISO 8601 format is used.
PushDomains.N	No	Array of String	The push domains to query. If you leave this empty, the time shifting billing data of all push domains will be returned.

3. Output Parameters

Parameter Name	Type	Description
DataInfoList	Array of TimeShiftBillData	The time shifting billing data.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

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

{
  "PushDomains": [
    "start-push.elliotsing.com"
  ],
  "StartTime": "2022-05-06T00:30:00Z",
  "EndTime": "2022-05-06T12:30:00Z"
}
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
      {
        "Domain": "x.com",
        "Duration": 1,
        "StoragePeriod": 1,
        "Time": "2022-05-06T10:30:00Z"
      },
      {
        "Domain": "x.com",
        "Duration": 1,
        "StoragePeriod": 1,
        "Time": "2022-05-06T10:35:00Z"
      }
    ],
    "RequestId": "ca0bb85f-6b95-4b9f-b85f-fdsafasds"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
FailedOperation.NotFound	No records found.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeLiveTranscodeTotalInfo

最終更新日：：2023-09-06 15:06:34

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query transcoding usage. You can use it to query data in the past three months.

Notes:

If the start time and end time are on the same day, the data returned will be on a 5-minute basis.

If the start time and end time are not on the same day or if the data of specified domains is queried, the data returned will be on an hourly basis.

A maximum of 200 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: DescribeLiveTranscodeTotalInfo.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StartTime	Yes	String	The start time of the request, supports data query for the last three months, the gap between the start time and the end time cannot exceed three months. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description

			2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
EndTime	Yes	String	The end time of the request, supports data query for the last three months, the gap between the start time and the end time cannot exceed three months. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format,for details,see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
PushDomains.N	No	Array of String	List of push domains to query. If this parameter is left empty, the data of all domains is queried. If this parameter is specified, the data returned will be on an hourly basis.
MainlandOrOversea	No	String	Valid values: <code>Mainland</code> : queries transcoding data in the Chinese mainland <code>Oversea</code> : queries transcoding data outside the Chinese mainland By default, the data both in and outside the Chinese mainland is queried.

3. Output Parameters

Parameter Name	Type	Description
DataInfoList	Array of TranscodeTotalInfo	List of transcoding data Note: This field may return <code>null</code> , indicating that no valid value can be found.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

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

{
  "EndTime": "2019-03-01 12:00:00",
  "StartTime": "2019-03-01 00:00:00"
}
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
      {
        "Time": "2019-03-01 00:00:00",
        "Duration": 100,
        "ModuleCodec": "",
        "Resolution": "540*480"
      }
    ],
    "RequestId": "c8465603-c3a6-44bc-8354-a9b67bf44301"
  }
}
```

5. Developer Resources

SDK

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

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- [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
FailedOperation	Operation failed.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
UnsupportedOperation	Unsupported operation.

DescribeScreenShotSheetNumList

最終更新日：：2023-09-06 15:06:34

1. API Description

Domain name for API request: live.tencentcloudapi.com.

The API is used to query the number of screenshots as an LVB value-added service.

A maximum of 100 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: DescribeScreenShotSheetNumList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StartTime	Yes	String	Start time in UTC time in the format of <code>yyyy-mm-ddTHH:MM:SSZ</code> .
EndTime	Yes	String	End time in UTC time in the format of <code>yyyy-mm-ddTHH:MM:SSZ</code> . Data for the last year can be queried.
Zone	No	String	Region information. Valid values: Mainland, Oversea. The former is to query data within Mainland China, while the latter outside Mainland China. If this parameter is left empty, data of all regions will be queried.

PushDomains.N	No	Array of String	Push domain name (data at the domain name level after November 1, 2019 can be queried).
Granularity	No	String	Data granularity. There is a 1.5-hour delay in data reporting. Valid values: <code>Minute</code> (5-minute granularity; query period of up to 31 days); <code>Day</code> (1-day granularity based on UTC+8:00; query period of up to 186 days)

3. Output Parameters

Parameter Name	Type	Description
DataInfoList	Array of <code>TimeValue</code>	Data information list.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeScreenShotSheetNumList
&StartTime=2019-11-07T16:00:00Z
&EndTime=2019-11-09T15:59:00Z
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
      {
        "Num": 39623970,
        "Time": "2019-11-07T16:00:00Z"
      },
      {

```

```
"Num": 41876427,
"Time": "2019-11-08T16:00:00Z"
},
"RequestId": "k54e3deb-f318-4147-8a68-3c959642f9ec"
}
```

5. Developer Resources

SDK

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

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- [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
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.

MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeTranscodeTaskNum

最終更新日：：2023-09-06 15:06:33

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the number of transcoding tasks.

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: DescribeTranscodeTaskNum.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StartTime	Yes	String	The start time of the request, supports data query for the last forty days, the gap between the start time and the end time cannot exceed one day. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
EndTime	Yes	String	The end time of the request, supports data query for the last forty days, the gap between the start time and the end time cannot exceed one day. Interface request supports two time formats:

			1) YYYY-MM-DDThh:mm:ssZ: ISO time format,for details,see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
PushDomains.N	No	Array of String	The push domains to query. If you do not pass a value, all push domains will be queried.

3. Output Parameters

Parameter Name	Type	Description
DataInfoList	Array of TranscodeTaskNum	The number of tasks.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

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

{
  "StartTime": "2020-10-12 00:00:00",
  "EndTime": "2020-10-12 00:10:00"
}
```

Output Example

```
{
  "Response": {
```

```
"DataInfoList": [
{
  "CodeRate": 2000,
  "Num": 1,
  "Time": "2022-01-09 00:00"
},
],
"RequestId": "f54e3deb-f318-4148-8a68-3c959642f9ec"
}
```

5. Developer Resources

SDK

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- [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
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top

	up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeUploadStreamNums

最終更新日：：2023-09-06 15:06:33

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the number of LVB upstream 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: DescribeUploadStreamNums.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StartTime	Yes	String	The start time of the request, supports data query for the last one month, the gap between the start time and the end time cannot exceed one month. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
EndTime	Yes	String	The end time of the request, supports data query for the last one month, the gap between the start time and the end time cannot exceed one month. Interface request supports two time formats:

			1) YYYY-MM-DDThh:mm:ssZ: ISO time format,for details,see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
Domains.N	No	Array of String	LVB domain names. If this parameter is left empty, data of all domain names will be queried.
Granularity	No	Integer	Time granularity of the data. Valid values: 5: 5-minute granularity (the query period is up to 1 day) 1440: 1-day granularity (the query period is up to 1 month) Default value: 5

3. Output Parameters

Parameter Name	Type	Description
DataInfoList	Array of ConcurrentRecordStreamNum	Detailed data.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

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

{
  "StartTime": "2020-10-12 00:00:00",
  "EndTime": "2020-10-12 01:01:05",
  "Granularity": 5,
  "Domains": [
```

```
"test.com"
]
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
      {
        "Num": 2557,
        "Time": "2020-10-12 00:00:00"
      },
      {
        "Num": 2544,
        "Time": "2020-10-12 00:05:00"
      },
      {
        "Num": 2516,
        "Time": "2020-10-12 00:10:00"
      },
      {
        "Num": 2542,
        "Time": "2020-10-12 00:15:00"
      },
      {
        "Num": 2546,
        "Time": "2020-10-12 00:20:00"
      },
      {
        "Num": 2565,
        "Time": "2020-10-12 00:25:00"
      },
      {
        "Num": 2557,
        "Time": "2020-10-12 00:30:00"
      },
      {
        "Num": 2558,
        "Time": "2020-10-12 00:35:00"
      },
      {
        "Num": 2545,
        "Time": "2020-10-12 00:40:00"
      },
      {

```

```
"Num": 2567,  
"Time": "2020-10-12 00:45:00"  
},  
{  
"Num": 2584,  
"Time": "2020-10-12 00:50:00"  
},  
{  
"Num": 2585,  
"Time": "2020-10-12 00:55:00"  
},  
{  
"Num": 2566,  
"Time": "2020-10-12 01:00:00"  
}  
],  
"RequestId": "f54e3deb-f318-4148-8a68-3c959642f9ec"  
}  
}
```

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
FailedOperation	Operation failed.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeConcurrentRecordStreamNum

最終更新日：：2023-09-06 15:06:34

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the number of concurrent recording channels, which is applicable to LCB and LVB.

A maximum of 200 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: DescribeConcurrentRecordStreamNum.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
LiveType	Yes	String	Live streaming type. SlowLive: LCB. NormalLive: LVB.
StartTime	Yes	String	The start time of the request, supports data query for the last six months, the gap between the start time and the end time cannot exceed one month. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
EndTime	Yes	String	The end time of the request, supports data query for the last six

			months, the gap between the start time and the end time cannot exceed one month. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format,for details,see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
MainlandOrOversea	No	String	Valid values: Mainland (data for Mainland China), Oversea (data for regions outside Mainland China). If this parameter is left empty, data for all regions will be queried.
PushDomains.N	No	Array of String	Playback domain name list. If this parameter is left empty, full data will be queried.

3. Output Parameters

Parameter Name	Type	Description
DataInfoList	Array of ConcurrentRecordStreamNum	Statistics list.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeConcurrentRecordStreamNum
&LiveType=NormalLive
&MainlandOrOversea=Mainland
&PushDomains.0=5000.livepush.com
&StartTime=2019-03-01 00:00:00
&EndTime=2019-03-01 12:00:00
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "DataInfoList": [
      {
        "Time": "2019-03-01 01:00",
        "Num": 100
      }
    ],
    "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
  }
}
```

5. Developer Resources

SDK

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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
FailedOperation	Operation failed.
InternalError	Internal error.

InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

DescribeBillBandwidthAndFluxList

最終更新日：：2023-09-06 15:06:35

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query the data of billable LVB bandwidth and traffic.

A maximum of 100 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: DescribeBillBandwidthAndFluxList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StartTime	Yes	String	The start time of the request, supports data query for the last three years, the gap between the start time and the end time cannot exceed one month. Interface request supports two time formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
EndTime	Yes	String	The end time of the request, supports data query for the last three years, the gap between the start time and the end time cannot exceed one month. Interface request supports two time

			formats: 1) YYYY-MM-DDThh:mm:ssZ: ISO time format, for details, see ISO Date Format Description 2) YYYY-MM-DD hh:mm:ss: When using this format, it represents Beijing time by default.
PlayDomains.N	No	Array of String	LVB playback domain name. If this parameter is left empty, full data will be queried.
MainlandOrOversea	No	String	Valid values: Mainland: query data for Mainland China, Oversea: query data for regions outside Mainland China, Default: query data for all regions. Note: LEB only supports querying data for all regions.
Granularity	No	Integer	Data granularity. Valid values: 5: 5-minute granularity (the query time span should be within 1 day), 60: 1-hour granularity (the query time span should be within one month), 1440: 1-day granularity (the query time span should be within one month). Default value: 5.
ServiceName	No	String	Service name. Valid values: LVB, LEB. The sum of LVB and LEB usage will be returned if this parameter is left empty.
RegionNames.N	No	Array of String	Region. Valid values: China Mainland Asia Pacific I Asia Pacific II Asia Pacific III Europe North America South America Middle East Africa

3. Output Parameters

Parameter Name	Type	Description
PeakBandwidthTime	String	Time point of peak bandwidth value in the format of <code>yyyy-mm-dd</code>

		HH:MM:SS .
PeakBandwidth	Float	Peak bandwidth in Mbps.
P95PeakBandwidthTime	String	Time point of 95th percentile bandwidth value in the format of yyyy-mm-dd HH:MM:SS .
P95PeakBandwidth	Float	95th percentile bandwidth in Mbps.
SumFlux	Float	Total traffic in MB.
DataInfoList	Array of BillDataInfo	Detailed data information.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeBillBandwidthAndFluxList
&PlayDomains.0=5000.playdomain.com
&StartTime=2019-02-0100:00:00
&EndTime=2019-02-0100:10:00
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "P95PeakBandwidth": 117042.495,
    "P95PeakBandwidthTime": "2019-02-01 00:00:00",
    "DataInfoList": [
      {
        "Bandwidth": 117042.495,
        "Flux": 4389093.551,
        "Time": "2019-02-01 00:00:00",
        "PeakTime": "2019-02-01 00:00:00"
      },
      {
        "Bandwidth": 110364.995,
```

```
"Flux": 4138687.32,
"Time": "2019-02-01 00:05:00",
"PeakTime": "2019-02-01 00:05:00"
},
{
  "Bandwidth": 99380.978,
  "Flux": 3726786.679,
  "Time": "2019-02-01 00:10:00",
  "PeakTime": "2019-02-01 00:10:00"
}
],
"PeakBandwidth": 117042.495,
"PeakBandwidthTime": "2019-02-01 00:00:00",
"RequestId": "f54e3deb-f318-4148-8a68-3c959642f9ec",
"SumFlux": 12254567.55
}
}
```

5. Developer Resources

SDK

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- [Tencent Cloud SDK 3.0 for PHP](#)
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- [Tencent Cloud SDK 3.0 for .NET](#)
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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
FailedOperation	Operation failed.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

Live Stream Management APIs

DescribeLiveForbidStreamList

最終更新日：：2023-09-06 15:06:27

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the list of disabled streams.

Note: this API is used for query only and should not be relied too much upon in important business scenarios.

A maximum of 100 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: DescribeLiveForbidStreamList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
PageNum	No	Integer	Page number to get. Default value: 1.
PageSize	No	Integer	Number of entries per page. Maximum value: 100. Value: any integer between 1 and 100. Default value: 10.
StreamName	No	String	Stream name for query

3. Output Parameters

Parameter Name	Type	Description
TotalNum	Integer	Total number of eligible ones.
TotalPage	Integer	Total number of pages.
PageNum	Integer	Page number.
PageSize	Integer	Number of entries displayed per page.
ForbidStreamList	Array of ForbidStreamInfo	List of forbidden streams.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

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

Output Example

```
{
  "Response": {
    "ForbidStreamList": [
      {
        "StreamName": "5000_abcdefg",
        "CreateTime": "2019-01-16T12:00:00Z",
        "ExpireTime": "2019-04-16T12:00:00Z"
      }
    ],
    "TotalNum": 1,
    "TotalPage": 1,
    "PageNum": 1,
  }
}
```



```
"PageSize": 10,
"RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
}
```

5. Developer Resources

SDK

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

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- [Tencent Cloud SDK 3.0 for Java](#)
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- [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
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.

ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.UserNotExist	The LVB service has not been activated.

DescribeLiveStreamEventList

最終更新日：：2023-09-06 15:06:27

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to query stream push/interruption events.

Notes:

1. This API is used to query stream push/interruption records, and should not be relied too much upon in important business scenarios.
2. You can use the `IsFilter` parameter of this API to filter and get required push records.

A maximum of 300 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: DescribeLiveStreamEventList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StartTime	Yes	String	Start time. In UTC format, such as 2018-12-29T19:00:00Z. This supports querying the history of 60 days.

EndTime	Yes	String	End time. In UTC format, such as 2018-12-29T20:00:00Z. This cannot be after the current time and cannot be more than 30 days after the start time.
AppName	No	String	Push path, which is the same as the AppName in push and playback addresses and is "live" by default.
DomainName	No	String	Push domain name.
StreamName	No	String	Stream name; query with wildcard (*) is not supported; fuzzy match by default. The IsStrict field can be used to change to exact query.
PageNum	No	Integer	Page number to get. Default value: 1. Note: Currently, query for up to 10,000 entries is supported.
PageSize	No	Integer	Number of entries per page. Maximum value: 100. Value range: any integer between 1 and 100. Default value: 10. Note: currently, query for up to 10,000 entries is supported.
IsFilter	No	Integer	Whether to filter. No filtering by default. 0: No filtering at all. 1: Filter out the failing streams and return only the successful ones.
IsStrict	No	Integer	Whether to query exactly. Fuzzy match by default. 0: Fuzzy match. 1: Exact query. Note: This parameter takes effect when StreamName is used.
IsAsc	No	Integer	Whether to display in ascending order by end time. Descending order by default. 0: Descending. 1: Ascending.

3. Output Parameters

Parameter Name	Type	Description
EventList	Array of StreamEventInfo	List of streaming events.

PageNum	Integer	Page number.
PageSize	Integer	Number of entries per page.
TotalNum	Integer	Total number of eligible ones.
TotalPage	Integer	Total number of pages.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveStreamEventList
&DomainName=yourdomain.test.com
&AppName=live
&StreamName=stream
&StartTime=2019-01-04T12:00:00Z
&EndTime=2019-01-04T20:00:00Z
&PageNum=1
&PageSize=10
&IsFilter=1
&IsStrict=0
&IsAsc=0
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "EventList": [
      {
        "AppName": "live",
        "ClientIp": "180.163.8.244",
        "DomainName": "yourdomain.test.com",
        "Duration": 0,
        "Resolution": "640*352",
        "StopReason": "The client interrupted the stream",
        "StreamEndTime": "2019-01-04T11:59:58Z",
        "StreamName": "stream",
```

```
"StreamStartTime": "2019-01-04T11:59:58Z"
}
],
"PageNum": 1,
"PageSize": 10,
"TotalNum": 1,
"TotalPage": 1,
"RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
}
}
```

5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InternalError	Internal error.

InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.UserNotExist	The LVB service has not been activated.

DescribeLiveStreamOnlineList

最終更新日：：2023-09-06 15:06:27

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the list of ongoing live streams. It queries the information of live streams after they are pushed successfully.

Notes:

1. This API is used to query the list of active live streams only, and should not be relied too much upon in important business scenarios.
2. This API can query up to 20,000 streams. To query more streams, please contact our after-sales service team.

A maximum of 100 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: DescribeLiveStreamOnlineList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	No	String	Push domain name. If you use multiple paths, enter the <code>DomainName</code> .

AppName	No	String	Push path, which is the same as the <code>AppName</code> in push and playback addresses and is <code>live</code> by default. If you use multiple paths, enter the <code>AppName</code> .
PageNum	No	Integer	Page number to get. Default value: 1.
PageSize	No	Integer	Number of entries per page. Maximum value: 100. Value: any integer between 10 and 100. Default value: 10.
StreamName	No	String	Stream name, which is used for exact query.

3. Output Parameters

Parameter Name	Type	Description
TotalNum	Integer	Total number of eligible ones.
TotalPage	Integer	Total number of pages.
PageNum	Integer	Page number.
PageSize	Integer	Number of entries displayed per page.
OnlineInfo	Array of StreamOnlineInfo	Active push information list.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveStreamOnlineList
&DomainName=5000.livepush.myqcloud.com
&AppName=live
&PageNum=1
&PageSize=10
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "OnlineInfo": [{
      {
        "StreamName": "5000_abcdefg",
        "AppName": "live",
        "DomainName": "5000.livepush.myqcloud.com",
        "PublishTimeList": [{
          {
            "PublishTime": "2017-10-24T12:00:00Z"
          }
        ]
      }
    ]
  },
  "TotalNum": 1,
  "TotalPage": 1,
  "PageNum": 1,
  "PageSize": 10,
  "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
}
```

5. Developer Resources

SDK

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

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- [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
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InternalError	Internal error.
InternalError.CallOtherSvrError	Error calling internal service.
InternalError.ConfigNotExist	The configuration does not exist.
InternalError.GetBizidError	Error getting user account.
InternalError.GetStreamInfoError	Failed to get the stream information.
InternalError.GetUpstreamInfoError	Error getting the live stream source information.
InternalError.NotPermmittOperat	No permission to operate.
InternalError.StreamStatusError	Exceptional stream status.
InternalError.UpdateDataError	Failed to update data.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.UserNotExist	The LVB service has not been activated.

DescribeLiveStreamPublishedList

最終更新日：：2023-09-06 15:06:27

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to return the list of pushed streams.

Note: Up to 10,000 entries can be queried per page. More data can be obtained by adjusting the query time range.

A maximum of 300 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: DescribeLiveStreamPublishedList.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
DomainName	Yes	String	Your push domain name.
EndTime	Yes	String	End time. In UTC format, such as 2016-06-30T19:00:00Z. This cannot be after the current time. Note: The difference between EndTime and StartTime cannot be greater than 30 days.

StartTime	Yes	String	Start time. In UTC format, such as 2016-06-29T19:00:00Z. This supports querying data in the past 60 days.
AppName	No	String	Push path, which is the same as the <code>AppName</code> in push and playback addresses and is <code>live</code> by default. Fuzzy match is not supported.
PageNum	No	Integer	Page number to get. Default value: 1.
PageSize	No	Integer	Number of entries per page. Maximum value: 100 Valid values: integers between 10 and 100 Default value: 10
StreamName	No	String	Stream name, which supports fuzzy match.

3. Output Parameters

Parameter Name	Type	Description
PublishInfo	Array of StreamName	Push record information.
PageNum	Integer	Page number.
PageSize	Integer	Number of entries per page
TotalNum	Integer	Total number of eligible ones.
TotalPage	Integer	Total number of pages.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveStreamPublishedList
&DomainName=5000.livepush.myqcloud.com
&AppName=live
&StreamName=test
&PageNum=1
&PageSize=10
&StartTime=2015-06-25T03:30:50Z
&EndTime=2015-12-26T03:30:50Z
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "PublishInfo": [
      {
        "AppName": "live",
        "ClientIp": "180.163.8.244",
        "DomainName": "5000.livepush.myqcloud.com",
        "Duration": 10,
        "Resolution": "640*352",
        "StopReason": "The client actively interrupts the stream",
        "StreamEndTime": "2019-01-04T11:59:58Z",
        "StreamName": "test1",
        "StreamStartTime": "2019-01-04T11:59:58Z"
      }
    ],
    "PageNum": 1,
    "PageSize": 10,
    "TotalNum": 1,
    "TotalPage": 1,
    "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InternalError	Internal error.
InternalError.CallOtherSvrError	Error calling internal service.
InternalError.ConfigNotExist	The configuration does not exist.
InternalError.GetBizidError	Error getting user account.
InternalError.GetStreamInfoError	Failed to get the stream information.
InternalError.GetUpstreamInfoError	Error getting the live stream source information.
InternalError.NotPermmittOperat	No permission to operate.
InternalError.StreamStatusError	Exceptional stream status.
InternalError.UpdateDataError	Failed to update data.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.

ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.UserNotExist	The LVB service has not been activated.

DropLiveStream

最終更新日：：2023-09-06 15:06:27

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to pause a live stream. The stream can be resumed if it is paused.

Note: If you call this API to pause an inactive stream, the request will be considered successful.

A maximum of 100 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: DropLiveStream.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
StreamName	Yes	String	The stream name.
DomainName	Yes	String	Your push domain.
AppName	Yes	String	The push path, which should be the same as <code>AppName</code> in the push and playback URL. The default value is <code>live</code> .

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

This example shows you how to pause pushing a stream.

Input Example

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

{
  "AppName": "live",
  "StreamName": "stream1",
  "DomainName": "5000.livepush.myqcloud.com"
}
```

Output Example

```
{
  "Response": {
    "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InternalError	Internal error.
InternalError.CallOtherSvrError	Error calling internal service.
InternalError.ConfigNotExist	The configuration does not exist.
InternalError.GetBizidError	Error getting user account.
InternalError.GetStreamInfoError	Failed to get the stream information.
InternalError.GetUpstreamInfoError	Error getting the live stream source information.
InternalError.NotPermmittOperat	No permission to operate.
InternalError.StreamStatusError	Exceptional stream status.
InternalError.UpdateDataError	Failed to update data.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.

ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.UserNotExist	The LVB service has not been activated.

ResumeLiveStream

最終更新日：：2023-09-06 15:06:26

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to resume the push of a specific stream.

A maximum of 100 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: ResumeLiveStream.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
AppName	Yes	String	Push path, which is the same as the AppName in push and playback addresses and is "live" by default.
DomainName	Yes	String	Your push domain name.
StreamName	Yes	String	Stream name.

3. Output Parameters

--	--	--

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Sample request

Input Example

```
https://live.tencentcloudapi.com/?Action=ResumeLiveStream
&DomainName=5000.livepush.myqcloud.com
&AppName=live
&StreamName=stream1
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InternalError	Internal error.
InternalError.CallOtherSvrError	Error calling internal service.
InternalError.ConfigNotExist	The configuration does not exist.
InternalError.GetBizidError	Error getting user account.
InternalError.GetStreamInfoError	Failed to get the stream information.
InternalError.GetUpstreamInfoError	Error getting the live stream source information.
InternalError.NotPermmittOperat	No permission to operate.
InternalError.StreamStatusError	Exceptional stream status.
InternalError.UpdateDataError	Failed to update data.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.

ResourceNotFound.UserNotExist	The LVB service has not been activated.
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DescribeLiveStreamState

最終更新日：：2023-09-06 15:06:27

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to get the stream status, which may be active, inactive, or disabled.

Notes:

This API allows you to query the status of a stream in real time. Given external factors such as network jitter, note the following when you determine whether a host is online:

1. If possible, use your own logic of stream starting/stopping in a room, such as streaming signaling on the client and the online heartbeat of a host, to determine whether the host is online.
2. If your application does not provide the room management feature, use the following methods to determine whether a host is online:
 - 2.1 Use the [live stream callback](#).
 - 2.2 Call [DescribeLiveStreamOnlineList](#) on a regular basis (interval > 1 min).
 - 2.3 Call this API.
 - 2.4 A host is considered to be online if the result returned by any of the above methods indicates so. If an API call times out or a parsing error occurs, to minimize the impact on your business, CSS will also consider the host online.

A maximum of 300 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:

			DescribeLiveStreamState.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
AppName	Yes	String	Push path, which is the same as the AppName in push and playback addresses and is "live" by default.
DomainName	Yes	String	Your push domain name.
StreamName	Yes	String	Stream name.

3. Output Parameters

Parameter Name	Type	Description
StreamState	String	Stream status, active: active inactive: Inactive forbid: forbidden.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Creating the status of a stream

This example shows you how to query the status of a stream.

Input Example

```
https://live.tencentcloudapi.com/?Action=DescribeLiveStreamState
&DomainName=5000.livepush.myqcloud.com
&AppName=live
&StreamName=stream1
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "StreamState": "active",
    "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
  }
}
```

5. Developer Resources

SDK

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- [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
FailedOperation	Operation failed.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InternalError	Internal error.
InternalError.CallOtherSvrError	Error calling internal service.

InternalError.ConfigNotExist	The configuration does not exist.
InternalError.GetBizidError	Error getting user account.
InternalError.GetStreamInfoError	Failed to get the stream information.
InternalError.GetUpstreamInfoError	Error getting the live stream source information.
InternalError.NotPermitOperat	No permission to operate.
InternalError.StreamStatusError	Exceptional stream status.
InternalError.UpdateDataError	Failed to update data.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.UserNotExist	The LVB service has not been activated.

ForbidLiveStream

最終更新日：：2023-09-06 15:06:26

1. API Description

Domain name for API request: live.tencentcloudapi.com.

This API is used to disable a stream. You can set a time to resume the stream.

Note:

1. As long as the correct stream name is passed in, the stream will be disabled successfully.
2. If you want a stream to be disabled only if the push domain, push path, and stream name match, please submit a ticket.
3. If you have configured domain groups, you must pass in the correct push domain in order to disable a stream.

A maximum of 200 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: ForbidLiveStream.
Version	Yes	String	Common Params . The value used for this API: 2018-08-01.
Region	No	String	Common Params . This parameter is not required for this API.
AppName	Yes	String	Push path, which is the same as the AppName in push and playback addresses and is "live" by default.
DomainName	Yes	String	Your push domain name.

StreamName	Yes	String	Stream name.
ResumeTime	No	String	The time (in UTC format) to resume the stream, such as 2018-11-29T19:00:00Z. Notes: 1. The default stream disabling period is seven days. A stream can be disabled for up to 90 days. 2. Beijing time is 8 hours ahead of UTC. The ISO 8601 format is used.
Reason	No	String	Reason for forbidding. Note: Be sure to enter the reason for forbidding to avoid any faulty operations. Length limit: 2,048 bytes.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Disabling a stream

This example shows you how to disable a stream.

Input Example

```
https://live.tencentcloudapi.com/?Action=ForbidLiveStream
&DomainName=5000.livepush.myqcloud.com
&AppName=live
&StreamName=stream1
&ResumeTime=2018-11-24T12:00:00Z
&<Common request parameters>
```

Output Example

```
{
  "Response": {
    "RequestId": "8e50cdb5-56dc-408b-89b0-31818958d424"
```

```
}  
}
```

5. Developer Resources

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- [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
FailedOperation	Operation failed.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
InternalError	Internal error.
InternalError.CallOtherSvrError	Error calling internal service.
InternalError.ConfigNotExist	The configuration does not exist.
InternalError.GetBizidError	Error getting user account.
InternalError.GetStreamInfoError	Failed to get the stream information.

InternalServerError.GetUpstreamInfoError	Error getting the live stream source information.
InternalServerError.NotPermmmitOperat	No permission to operate.
InternalServerError.StreamStatusError	Exceptional stream status.
InternalServerError.UpdateDataError	Failed to update data.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Invalid parameter value.
MissingParameter	Parameter missing.
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.UserNotExist	The LVB service has not been activated.

Data Types

最終更新日：：2023-09-20 11:50:26

BandwidthInfo

Bandwidth information

Used by actions: DescribeDeliverBandwidthList.

Name	Type	Description
Time	String	Format of return value: yyyy-mm-dd HH:MM:SS The time accuracy matches with the query granularity.
Bandwidth	Float	Bandwidth.

BatchDomainOperateErrors

Error information for domains that a batch domain operation API fails to operate.

Used by actions: ModifyLiveDomainCertBindings.

Name	Type	Description
DomainName	String	The domain that the API failed to operate.
Code	String	The API 3.0 error code.
Message	String	The API 3.0 error message.

BillDataInfo

Bandwidth and traffic information.

Used by actions: DescribeBillBandwidthAndFluxList.

Name	Type	Description
Time	String	Time point in the format of <code>yyyy-mm-dd HH:MM:SS</code> .

Bandwidth	Float	Bandwidth in Mbps.
Flux	Float	Traffic in MB.
PeakTime	String	Time point of peak value in the format of <code>yyyy-mm-dd HH:MM:SS</code> . As raw data is at a 5-minute granularity, if data at a 1-hour or 1-day granularity is queried, the time point of peak bandwidth value at the corresponding granularity will be returned.

CallbackRuleInfo

Rule information

Used by actions: DescribeLiveCallbackRules.

Name	Type	Description
CreateTime	String	The rule creation time. Note: Beijing time (UTC+8) is used.
UpdateTime	String	The rule update time. Note: Beijing time (UTC+8) is used.
TemplateId	Integer	Template ID.
DomainName	String	Push domain name.
AppName	String	Push path.

CallbackTemplateInfo

Callback template information.

Used by actions: DescribeLiveCallbackTemplate, DescribeLiveCallbackTemplates.

Name	Type	Description
TemplateId	Integer	Template ID.
TemplateName	String	Template name.
Description	String	Description.
StreamBeginNotifyUrl	String	Stream starting callback URL.

StreamMixNotifyUrl	String	Stream mixing callback URL (disused)
StreamEndNotifyUrl	String	Interruption callback URL.
RecordNotifyUrl	String	Recording callback URL.
SnapshotNotifyUrl	String	Screencapturing callback URL.
PornCensorshipNotifyUrl	String	Porn detection callback URL.
CallbackKey	String	Callback authentication key.
PushExceptionNotifyUrl	String	The push error callback URL. Note: This field may return null, indicating that no valid values can be obtained.
AudioAuditNotifyUrl	String	The audio/video moderation callback URL. Note: This field may return null, indicating that no valid values can be obtained.

CdnPlayStatData

Downstream playback statistical metrics

Used by actions: DescribeGroupProlspPlayInfoList.

Name	Type	Description
Time	String	Time point in the format of <code>yyyy-mm-dd HH:MM:SS</code> .
Bandwidth	Float	Bandwidth in Mbps.
Flux	Float	Traffic in MB.
Request	Integer	Number of new requests.
Online	Integer	Number of concurrent connections.

CertInfo

Certificate information.

Used by actions: DescribeLiveCert, DescribeLiveCerts.

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Name	Type	Description
CertId	Integer	Certificate ID.
CertName	String	Certificate name.
Description	String	Description.
CreateTime	String	The creation time in UTC format. Note: Beijing time (UTC+8) is used.
HttpsCrt	String	Certificate content.
CertType	Integer	Certificate type. 0: user-added certificate 1: Tencent Cloud-hosted certificate
CertExpireTime	String	The certificate expiration time in UTC format. Note: Beijing time (UTC+8) is used.
DomainList	Array of String	List of domain names that use this certificate.

ClientIpPlaySumInfo

Aggregated playback information of client IP.

Used by actions: DescribeTopClientIpSumInfoList.

Name	Type	Description
ClientIp	String	Client IP in dotted-decimal notation.
Province	String	District where the client is located.
TotalFlux	Float	Total traffic.
TotalRequest	Integer	Total number of requests.
TotalFailedRequest	Integer	Total number of failed requests.
CountryArea	String	Country/region where the client is located.

CommonMixControlParams

General stream mix control parameter

Used by actions: CreateCommonMixStream.

Name	Type	Required	Description
UseMixCropCenter	Integer	No	Value range: [0,1]. If 1 is entered, when the layer resolution in the parameter is different from the actual video resolution, the video will be automatically cropped according to the resolution set by the layer.
AllowCopy	Integer	No	Value range: [0,1]. If this parameter is set to 1, when both <code>InputStreamList</code> and <code>OutputParams.OutputStreamType</code> are set to 1, you can copy a stream instead of canceling it.
PassInputSei	Integer	No	Valid values: 0, 1 If you set this parameter to 1, SEI (Supplemental Enhanced Information) of the input streams will be passed through.

CommonMixCropParams

General stream mix input crop parameter.

Used by actions: CreateCommonMixStream.

Name	Type	Required	Description
CropWidth	Float	No	Crop width. Value range: [0,2000].
CropHeight	Float	No	Crop height. Value range: [0,2000].
CropStartLocationX	Float	No	Starting crop X coordinate. Value range: [0,2000].
CropStartLocationY	Float	No	Starting crop Y coordinate. Value range: [0,2000].

CommonMixInputParam

General stream mix input parameter.

Used by actions: CreateCommonMixStream.

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Name	Type	Required	Description
InputStreamName	String	Yes	Input stream name, which can contain up to 80 bytes of letters, digits, and underscores. The value should be the name of an input stream for stream mix when <code>LayoutParams.InputType</code> is set to 0 (audio and video), 4 (pure audio), or 5 (pure video). The value can be a random name for identification, such as <code>Canvas1</code> or <code>Picture1</code>, when <code>LayoutParams.InputType</code> is set to 2 (image) or 3 (canvas).
LayoutParams	CommonMixLayoutParams	Yes	Input stream layout parameter.
CropParams	CommonMixCropParams	No	Input stream crop parameter.

CommonMixLayoutParams

General stream mix layout parameter.

Used by actions: `CreateCommonMixStream`.

Name	Type	Required	Description
ImageLayer	Integer	Yes	Input layer. Value range: [1,16] (1) For the background stream, i.e., the room owner's image or the canvas, set this parameter to 1. (2) This parameter is required for audio-only stream mixing as well. Note that two inputs cannot have the same <code>ImageLayer</code> value.
InputType	Integer	No	Input type. Value range: [0,5]. If this parameter is left empty, 0 will be used by default. 0: the input stream is audio/video. 2: the input stream is image. 3: the input stream is canvas. 4: the input stream is audio. 5: the input stream is pure video.
ImageHeight	Float	No	Output height of input video image. Value range: Pixel: [0,2000] Percentage: [0.01,0.99]

			If this parameter is left empty, the input stream height will be used by default. If percentage is used, the expected output is (percentage * background height).
ImageWidth	Float	No	Output width of input video image. Value range: Pixel: [0,2000] Percentage: [0.01,0.99] If this parameter is left empty, the input stream width will be used by default. If percentage is used, the expected output is (percentage * background width).
LocationX	Float	No	X-axis offset of input in output video image. Value range: Pixel: [0,2000] Percentage: [0.01,0.99] If this parameter is left empty, 0 will be used by default. Horizontal offset from the top-left corner of main host background video image. If percentage is used, the expected output is (percentage * background width).
LocationY	Float	No	Y-axis offset of input in output video image. Value range: Pixel: [0,2000] Percentage: [0.01,0.99] If this parameter is left empty, 0 will be used by default. Vertical offset from the top-left corner of main host background video image. If percentage is used, the expected output is (percentage * background width)
Color	String	No	When <code>InputType</code> is 3 (canvas), this value indicates the canvas color. Commonly used colors include: Red: 0xcc0033. Yellow: 0xcc9900. Green: 0xcccc33. Blue: 0x99CCFF. Black: 0x000000. White: 0xFFFFFFFF. Gray: 0x999999
WatermarkId	Integer	No	When <code>InputType</code> is 2 (image), this value is the watermark ID.

CommonMixOutputParams

General stream mix output parameter.

Used by actions: CreateCommonMixStream.

Name	Type	Required	Description
OutputStreamName	String	Yes	Output stream name.
OutputStreamType	Integer	No	Output stream type. Valid values: [0,1]. If this parameter is left empty, 0 will be used by default. If the output stream is a stream in the input stream list, enter 0. If you want the stream mix result to be a new stream, enter 1. If this value is 1, <code>output_stream_id</code> cannot appear in <code>input_stream_list</code> , and there cannot be a stream with the same ID on the LVB backend.
OutputStreamBitRate	Integer	No	The output bitrate. Value range: 1-10000. If you do not specify this, the system will select a bitrate automatically.
OutputStreamGop	Integer	No	Output stream GOP size. Value range: [1,10]. If this parameter is left empty, the system will automatically determine.
OutputStreamFrameRate	Integer	No	Output stream frame rate. Value range: [1,60]. If this parameter is left empty, the system will automatically determine.
OutputAudioBitRate	Integer	No	Output stream audio bitrate. Value range: [1,500] If this parameter is left empty, the system will automatically determine.
OutputAudioSampleRate	Integer	No	Output stream audio sample rate. Valid values: [96000, 88200, 64000, 48000, 44100, 32000, 24000, 22050, 16000, 12000, 11025, 8000]. If this parameter is left empty, the system will automatically determine.
OutputAudioChannels	Integer	No	Output stream audio sound channel. Valid values: [1,2]. If this parameter is left empty, the system will automatically determine.

MixSei	String	No	SEI information in output stream. If there are no special needs, leave it empty.
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ConcurrentRecordStreamNum

Number of concurrent recording channels

Used by actions: DescribeConcurrentRecordStreamNum, DescribeUploadStreamNums.

Name	Type	Description
Time	String	Time point.
Num	Integer	Number of channels.

DayStreamPlayInfo

Stream playback information

Used by actions: DescribeStreamPlayInfoList.

Name	Type	Description
Time	String	Data point in time in the format of <code>yyyy-mm-dd HH:MM:SS</code> .
Bandwidth	Float	Bandwidth in Mbps.
Flux	Float	Traffic in MB.
Request	Integer	Number of requests.
Online	Integer	Number of online viewers.

DelayInfo

Delayed playback information.

Used by actions: DescribeLiveDelayInfoList.

Name	Type	Description
DomainName	String	Push domain name.

AppName	String	Push path, which is the same as the <code>AppName</code> in push and playback addresses and is <code>live</code> by default.
StreamName	String	Stream name.
DelayInterval	Integer	Delay time in seconds.
CreateTime	String	Creation time in UTC time. Note: the difference between UTC time and Beijing time is 8 hours. Example: 2019-06-18T12:00:00Z (i.e., June 18, 2019 20:00:00 Beijing time).
ExpireTime	String	Expiration time in UTC time. Note: the difference between UTC time and Beijing time is 8 hours. Example: 2019-06-18T12:00:00Z (i.e., June 18, 2019 20:00:00 Beijing time).
Status	Integer	Current status: -1: expired. 1: in effect.

DomainCertInfo

Domain name certificate information

Used by actions: DescribeLiveDomainCert.

Name	Type	Description
CertId	Integer	Certificate ID.
CertName	String	Certificate name.
Description	String	Description.
CreateTime	String	The creation time in UTC format. Note: Beijing time (UTC+8) is used.
HttpsCrt	String	Certificate content.
CertType	Integer	Certificate type. 0: user-added certificate 1: Tencent Cloud-hosted certificate.
CertExpireTime	String	The certificate expiration time in UTC format. Note: Beijing time (UTC+8) is used.

DomainName	String	Domain name that uses this certificate.
Status	Integer	Certificate status.
CertDomains	Array of String	List of domain names in the certificate. ["*.x.com"] for example. Note: this field may return <code>null</code> , indicating that no valid values can be obtained.
CloudCertId	String	Tencent Cloud SSL certificate ID. Note: this field may return <code>null</code> , indicating that no valid values can be obtained.

DomainInfo

LVB domain name information

Used by actions: DescribeLiveDomain, DescribeLiveDomains.

Name	Type	Description
Name	String	LVB domain name.
Type	Integer	Domain name type: 0: push. 1: playback.
Status	Integer	Domain name status: 0: deactivated. 1: activated.
CreateTime	String	The time when the domain was added. Note: Beijing time (UTC+8) is used.
BCName	Integer	Whether there is a CNAME record pointing to a fixed rule domain name: 0: no. 1: yes.
TargetDomain	String	Domain name corresponding to CNAME record.
PlayType	Integer	Playback region. This parameter is valid only if <code>Type</code> is 1. 1: in Mainland China. 2: global. 3: outside Mainland China.
IsDelayLive	Integer	Whether it is LCB:

		0: LVB. 1: LCB.
CurrentCName	String	Information of currently used CNAME record.
RentTag	Integer	Disused parameter, which can be ignored.
RentExpireTime	String	A disused parameter. Note: Beijing time (UTC+8) is used.
IsMiniProgramLive	Integer	0: LVB. 1: LVB on Mini Program. Note: this field may return null, indicating that no valid values can be obtained.

FlvSpecialParam

Special FLV recording setting.

Used by actions: CreateLiveRecordTemplate, DescribeLiveRecordTemplate, DescribeLiveRecordTemplates, ModifyLiveRecordTemplate.

Name	Type	Required	Description
UploadInRecording	Boolean	No	Whether to enable upload while recording. This parameter is only valid for FLV recording.

ForbidStreamInfo

List of forbidden streams

Used by actions: DescribeLiveForbidStreamList.

Name	Type	Description
StreamName	String	Stream name.
CreateTime	String	The creation time. Note: Beijing time (UTC+8) is used.
ExpireTime	String	The end time. Note: Beijing time (UTC+8) is used.
AppName	String	The push path.

		Note: This field may return null, indicating that no valid values can be obtained.
DomainName	String	The push domain name. Note: This field may return null, indicating that no valid values can be obtained.

GroupProlspDataInfo

Bandwidth, traffic, number of requests, and number of concurrent connections of an ISP in a district.

Used by actions: DescribeGroupProlspPlayInfoList.

Name	Type	Description
ProvinceName	String	District.
IspName	String	ISP.
DetailInfoList	Array of CdnPlayStatData	Detailed data at the minute level.

HlsSpecialParam

HLS-specific recording parameter

Used by actions: CreateLiveRecordTemplate, DescribeLiveRecordTemplate, DescribeLiveRecordTemplates, ModifyLiveRecordTemplate.

Name	Type	Required	Description
FlowContinueDuration	Integer	No	Timeout period for restarting an interrupted HLS push. Value range: [0, 1,800].

HttpCodeInfo

HTTP return code and statistics

Used by actions: DescribePlayErrorCodeDetailInfoList.

Name	Type	Description
HttpCode	String	HTTP return code. Example: "2xx", "3xx", "4xx", "5xx".

ValueList

Array of [HttpCodeValue](#)

Statistics. 0 will be added for points in time when there is no data.

HttpCodeValue

HTTP return code data

Used by actions: DescribePlayErrorCodeDetailInfoList.

Name	Type	Description
Time	String	Time in the format of <code>yyyy-mm-dd HH:MM:SS</code> .
Numbers	Integer	Occurrences.
Percentage	Float	Proportion.

HttpStatusData

Playback error code information

Used by actions: DescribeHttpStatusInfoList.

Name	Type	Description
Time	String	Data point in time, In the format of <code>yyyy-mm-dd HH:MM:SS</code> .
HttpStatusInfoList	Array of HttpStatusInfo	Playback status code details.

HttpStatusInfo

Playback error code information

Used by actions: DescribeHttpStatusInfoList.

Name	Type	Description
HttpStatus	String	Playback HTTP status code.
Num	Integer	Quantity.

LiveCertDomainInfo

The domains to bind to a certificate.

Used by actions: `ModifyLiveDomainCertBindings`.

Name	Type	Required	Description
DomainName	String	Yes	The domain name.
Status	Integer	Yes	Whether to enable HTTPS for the domain. 1: Enable 0: Disable -1: Keep the current configuration

LiveDomainCertBindings

The domain and certificate information returned by `DescribeLiveDomainCertBindings` and `DescribeLiveDomainCertBindingsGray`.

Used by actions: `DescribeLiveDomainCertBindings`.

Name	Type	Description
DomainName	String	The domain name.
CertificateAlias	String	The remarks for the certificate. This parameter is the same as <code>CertName</code> .
CertType	Integer	The certificate type. 0: Self-owned certificate 1: Tencent Cloud-hosted certificate
Status	Integer	Whether HTTPS is enabled. 1: Enabled 0: Disabled
CertExpireTime	Timestamp	The certificate expiration time. Note: Beijing time (UTC+8) is used.
CertId	Integer	The certificate ID.
CloudCertId	String	The SSL certificate ID assigned by Tencent Cloud.
UpdateTime	Timestamp	The last updated time. Note: Beijing time (UTC+8) is used.

Note: This field may return null, indicating that no valid values can be obtained.

MonitorStreamPlayInfo

The playback data.

Used by actions: DescribeAllStreamPlayInfoList.

Name	Type	Description
PlayDomain	String	The playback domain.
StreamName	String	The stream ID.
Rate	Integer	The playback bitrate. 0 indicates the original bitrate.
Protocol	String	The playback protocol. Valid values: Unknown , Flv , Hls , Rtmp , Huyap2p .
Bandwidth	Float	The bandwidth (Mbps).
Online	Integer	The number of online users, which is represented by the number of TCP connections (data collected every minute).
Request	Integer	The number of requests.

PlayAuthKeyInfo

Playback authentication key information.

Used by actions: DescribeLivePlayAuthKey.

Name	Type	Description
DomainName	String	Domain name.
Enable	Integer	Whether to enable: 0: disable. 1: enable.
AuthKey	String	Authentication key.
AuthDelta	Integer	Validity period in seconds.

AuthBackKey	String	Authentication <code>BackKey</code> .
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PlayCodeTotalInfo

Total occurrences of each status code. Most HTTP return codes are supported.

Used by actions: DescribePlayErrorCodeSumInfoList.

Name	Type	Description
Code	String	HTTP code. Valid values: 400, 403, 404, 500, 502, 503, 504.
Num	Integer	Total occurrences.

PlayDataInfoByStream

Playback information at the stream level.

Used by actions: DescribeStreamDayPlayInfoList.

Name	Type	Description
StreamName	String	Stream name.
TotalFlux	Float	Total traffic in MB.

PlayStatInfo

Queries the playback information by ISP and district.

Used by actions: DescribeProvincelpPlayInfoList.

Name	Type	Description
Time	String	Data point in time.
Value	Float	Value of bandwidth/traffic/number of requests/number of concurrent connections/download speed. If there is no data returned, the value is 0. Note: this field may return null, indicating that no valid values can be obtained.

PlaySumStatInfo

Aggregated playback statistics.

Used by actions: DescribeVisitTopSumInfoList.

Name	Type	Description
Name	String	Domain name or stream ID.
AvgFluxPerSecond	Float	Average download speed, In MB/s. Calculation formula: average download speed per minute.
TotalFlux	Float	Total traffic in MB.
TotalRequest	Integer	Total number of requests.

ProlspPlayCodeDataInfo

Playback error code information

Used by actions: DescribePlayErrorCodeSumInfoList.

Name	Type	Description
CountryAreaName	String	Country or region.
ProvinceName	String	District.
IspName	String	ISP.
Code2xx	Integer	Occurrences of 2xx error codes.
Code3xx	Integer	Occurrences of 3xx error codes.
Code4xx	Integer	Occurrences of 4xx error codes.
Code5xx	Integer	Occurrences of 5xx error codes.

PublishTime

Push time.

Used by actions: DescribeLiveStreamOnlineList.

Name	Type	Description
PublishTime	String	Push time. In UTC format, such as 2018-06-29T19:00:00Z.

PullPushWatermarkInfo

The watermark configuration for a relay task.

Used by actions: CreateLivePullStreamTask, DescribeLivePullStreamTasks, ModifyLivePullStreamTask.

Name	Type	Required	Description
PictureUrl	String	Yes	The watermark image URL. Characters not allowed: ;(){}\$>`#"'
XPosition	Integer	Yes	The horizontal offset (%) of the watermark. The default value is 0.
YPosition	Integer	Yes	The vertical offset (%) of the watermark. The default value is 0.
Width	Integer	Yes	The watermark width as a percentage of the video width. To avoid distorted images, we recommend you specify only the width or height so that the other side can be scaled proportionally. By default, the original width of the watermark image is used.
Height	Integer	Yes	The watermark height as a percentage of the video height. To avoid distorted images, we recommend you specify only the width or height so that the other side can be scaled proportionally. By default, the original height of the watermark image is used.
Location	Integer	Yes	The origin. The default value is 0. 0: Top left corner 1: Top right corner 2: Bottom right corner 3: Bottom left corner

PullStreamTaskInfo

The information of a stream pulling task.

Used by actions: DescribeLivePullStreamTasks.

Name	Type	Description
TaskId	String	The task ID.
SourceType	String	The source type. Valid values: PullLivePushLive: Live streaming PullVodPushLive: Video files PullPicPushLive: Images
SourceUrls	Array of String	The source URL(s). If <code>SourceType</code> is <code>PullLiveToLive</code> , there can be only one source URL. If <code>SourceType</code> is <code>PullVodToLive</code> , there can be at most 10 source URLs.
DomainName	String	The push domain name. The pulled stream is pushed to this domain.
AppName	String	The application to push to. The pulled stream is pushed to this application.
StreamName	String	The stream name. The pulled stream is pushed under this name.
PushArgs	String	The push parameter. A custom push parameter.
StartTime	String	The start time. It must be in UTC format. Example: 2019-01-08T10:00:00Z. Note: Beijing time is 8 hours ahead of UTC. The ISO 8601 format is used.
EndTime	String	The end time. Notes: 1. The end time must be later than the start time. 2. The end time and start time must be later than the current time. 3. The end time and start time must be less than seven days apart. It must be in UTC format. Example: 2019-01-08T10:00:00Z. Note: Beijing time is 8 hours ahead of UTC. The ISO 8601 format is used.
Region	String	The region where the task was created.

		ap-beijing : North China (Beijing) ap-shanghai : East China (Shanghai) ap-guangzhou : South China (Guangzhou) ap-mumbai : India ap-hongkong : Hong Kong eu-frankfurt : Germany ap-seoul : Korea ap-bangkok : Thailand ap-singapore : Singapore na-siliconvalley : Western US na-ashburn : Eastern US ap-tokyo : Japan
VodLoopTimes	Integer	The number of times to loop video files. -1: Loop indefinitely 0: Do not loop > 0: The number of loop times. A task will end either when the videos are looped for the specified number of times or at the specified task end time, whichever is earlier. This parameter is valid only if the source is video files.
VodRefreshType	String	The behavior after the source video files (<code>SourceUrls</code>) are changed. ImmediateNewSource: Play the new videos immediately ContinueBreakPoint: Finish the current video first and then pull from the new source. This parameter is valid only if the source is video files.
CreateTime	String	The task creation time. It must be in UTC format. Example: 2019-01-08T10:00:00Z. Note: Beijing time is 8 hours ahead of UTC. The ISO 8601 format is used.
UpdateTime	String	The last updated time. It must be in UTC format. Example: 2019-01-08T10:00:00Z. Note: Beijing time is 8 hours ahead of UTC. The ISO 8601 format is used.
CreateBy	String	The task creator.
UpdateBy	String	The operator of the last update.
CallbackUrl	String	The callback URL.

CallbackEvents	Array of String	The events to listen for. TaskStart: Callback for starting a task TaskExit: Callback for ending a task VodSourceFileStart: Callback for starting to pull from video files VodSourceFileFinish: Callback for stopping pulling from video files ResetTaskConfig: Callback for modifying a task
CallbackInfo	String	Note: This parameter is not returned currently. The information of the last callback.
ErrorInfo	String	Note: This parameter is not returned currently. Error message.
Status	String	The task status. enable: Enabled pause: Paused
RecentPullInfo	RecentPullInfo	Note: This parameter is returned only if one task is queried. The latest pull information. The information includes the source URL, offset, and report time.
Comment	String	The remarks for the task.
BackupSourceType	String	The backup source type. Valid values: PullLivePushLive: Live streaming PullVodPushLive: Video files Note: This field may return null, indicating that no valid values can be obtained.
BackupSourceUrl	String	The URL of the backup source. Note: This field may return null, indicating that no valid values can be obtained.
WatermarkList	Array of PullPushWatermarkInfo	The information of watermarks to add. Note: This field may return null, indicating that no valid values can be obtained.
VodLocalMode	Integer	Whether to use local mode when the source type is video files. The default is <code>0</code>. 0: Do not use local mode 1: Use local mode Note: This field may return null, indicating that no valid values can be obtained.

RecordTemplateId	String	Recording template ID.
BackupToUrl	String	Newly added streaming address. Used for the scenario of pushing two streams with a single task.

PushAuthKeyInfo

Push authentication key information.

Used by actions: DescribeLivePushAuthKey.

Name	Type	Description
DomainName	String	Domain name.
Enable	Integer	Whether to enable. 0: disabled; 1: enabled.
MasterAuthKey	String	Master authentication key.
BackupAuthKey	String	Standby authentication key.
AuthDelta	Integer	Validity period in seconds.

PushDataInfo

Push information

Used by actions: DescribeLiveStreamPushInfoList.

Name	Type	Description
StreamName	String	Stream name.
AppName	String	Push path.
ClientIp	String	Push client IP.
ServerIp	String	IP of the server that receives the stream.
VideoFps	Integer	Pushed video frame rate in Hz.
VideoSpeed	Integer	Video bitrate (bps) for publishing
AudioFps	Integer	Pushed audio frame rate in Hz.

AudioSpeed	Integer	Audio bitrate (bps) for publishing
PushDomain	String	Push domain name.
BeginPushTime	String	Push start time.
Acodec	String	Audio codec, Example: AAC.
Vcodec	String	Video codec, Example: H.264.
Resolution	String	Resolution.
AsampleRate	Integer	Sample rate.
MetaAudioSpeed	Integer	Audio bitrate (bps) in metadata
MetaVideoSpeed	Integer	Video bitrate (bps) in metadata
MetaFps	Integer	Frame rate in <code>metadata</code> .

PushQualityData

The push data of a stream.

Used by actions: DescribeStreamPushInfoList.

Name	Type	Description
Time	String	The time of the data in the format of “%Y-%m-%d %H:%M:%S.%ms” (accurate to the millisecond).
PushDomain	String	The push domain.
AppName	String	The push path.
ClientIp	String	The IP address of the push client.
BeginPushTime	String	The push start time in the format of “%Y-%m-%d %H:%M:%S.%ms” (accurate to the millisecond).
Resolution	String	The resolution.
VCodec	String	The video codec.
ACodec	String	The audio codec.

Sequence	String	The push sequence number, which uniquely identifies a push.
VideoFps	Integer	The video frame rate.
VideoRate	Integer	The video bitrate (bps).
AudioFps	Integer	The audio frame rate.
AudioRate	Integer	The audio bitrate (bps).
LocalTs	Integer	The local elapsed time (milliseconds). The greater the difference between the local elapsed time and audio/video elapsed time, the poorer the push quality and the more severe the upstream lag.
VideoTs	Integer	The video elapsed time (milliseconds).
AudioTs	Integer	The audio elapsed time (milliseconds).
MetaVideoRate	Integer	The video bitrate (Kbps) in the metadata.
MetaAudioRate	Integer	The audio bitrate (Kbps) in the metadata.
MateFps	Integer	The frame rate in the metadata.
StreamParam	String	The push parameter.
Bandwidth	Float	The bandwidth (Mbps).
Flux	Float	The traffic (MB).
ServerIp	String	The IP address of the push client. Note: This field may return null, indicating that no valid values can be obtained.

RecentPullInfo

The latest pull information.

Used by actions: DescribeLivePullStreamTasks.

Name	Type	Description
FileUrl	String	The URL of the file currently pulled.
OffsetTime	Integer	The offset of the file currently pulled.
ReportTime	String	The time when the offset is reported, in UTC format.

		Example: 2020-07-23T03:20:39Z Note: Beijing time is 8 hours ahead of UTC.
LoopedTimes	Integer	The number of times looped.

RecordParam

Recording template parameter.

Used by actions: CreateLiveRecordTemplate, DescribeLiveRecordTemplate, DescribeLiveRecordTemplates, ModifyLiveRecordTemplate.

Name	Type	Required	Description
RecordInterval	Integer	No	Max recording time per file Default value: 1800 (seconds) Value range: 30-7200 This parameter is invalid for HLS. Only one HLS file will be generated from push start to push end.
StorageTime	Integer	No	Storage duration of the recording file Value range: 0-129600000 seconds (0-1500 days) 0 : permanent
Enable	Integer	No	Whether to enable recording in the current format. Default value: 0. 0: no, 1: yes.
VodSubAppId	Integer	No	VOD subapplication ID.
VodFileName	String	No	Recording filename. Supported special placeholders include: {StreamID}: stream ID {StartYear}: start time - year {StartMonth}: start time - month {StartDay}: start time - day {StartHour}: start time - hour {StartMinute}: start time - minute {StartSecond}: start time - second {StartMillisecond}: start time - millisecond {EndYear}: end time - year {EndMonth}: end time - month {EndDay}: end time - day {EndHour}: end time - hour {EndMinute}: end time - minute

			{EndSecond}: end time - second {EndMillisecond}: end time - millisecond If this parameter is not set, the recording filename will be <code>{StreamID}_{StartYear}-{StartMonth}-{StartDay}-{StartHour}-{StartMinute}-{StartSecond}_{EndYear}-{EndMonth}-{EndDay}-{EndHour}-{EndMinute}-{EndSecond}</code> by default
Procedure	String	No	Task flow Note: this field may return <code>null</code>, indicating that no valid value is obtained.
StorageMode	String	No	Video storage class. Valid values: <code>normal</code> : STANDARD <code>cold</code> : STANDARD_IA Note: this field may return <code>null</code>, indicating that no valid value is obtained.
ClassId	Integer	No	VOD subapplication category Note: this field may return <code>null</code>, indicating that no valid value is obtained.

RecordTask

Recording task.

Used by actions: DescribeRecordTask.

Name	Type	Description
TaskId	String	Recording task ID.
DomainName	String	Push domain name.
AppName	String	Push path.
StreamName	String	Stream name.
StartTime	Integer	The start time of the recording task in Unix timestamp.
EndTime	Integer	The end time of the recording task in Unix timestamp.
TemplateId	Integer	Recording template ID.

Stopped	Integer	The StopRecordTask API call stops the task at the Unix timestamp. A value of 0 indicates that the API has not been called to stop the task.
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RecordTemplateInfo

Recording template information

Used by actions: DescribeLiveRecordTemplate, DescribeLiveRecordTemplates.

Name	Type	Description
TemplateId	Integer	Template ID.
TemplateName	String	Template name.
Description	String	Message description
FlvParam	RecordParam	FLV recording parameter.
HlsParam	RecordParam	HLS recording parameter.
Mp4Param	RecordParam	MP4 recording parameter.
AacParam	RecordParam	AAC recording parameter.
IsDelayLive	Integer	0: LVB, 1: LCB.
HlsSpecialParam	HlsSpecialParam	A special parameter for HLS recording.
Mp3Param	RecordParam	MP3 recording parameter.
RemoveWatermark	Boolean	Whether the watermark is removed. Note: This field may return <code>null</code> , indicating that no valid value was found.
FlvSpecialParam	FlvSpecialParam	A special parameter for FLV recording. Note: This field may return <code>null</code> , indicating that no valid value can be obtained.

RefererAuthConfig

Referer allowlist/blocklist configuration of a live streaming domain name

Used by actions: DescribeLiveDomainReferer.

Name	Type	Description
DomainName	String	Domain name
Enable	Integer	Whether to enable referer. Valid values: <code>0</code> (no), <code>1</code> (yes)
Type	Integer	List type. Valid values: <code>0</code> (blocklist), <code>1</code> (allowlist)
AllowEmpty	Integer	Whether to allow empty referer. Valid values: <code>0</code> (no), <code>1</code> (yes)
Rules	String	Referer list. Separate items in it with semicolons (;).

RuleInfo

Rule information.

Used by actions: DescribeLiveRecordRules, DescribeLiveSnapshotRules, DescribeLiveTimeShiftRules, DescribeLiveTranscodeRules, DescribeLiveWatermarkRules.

Name	Type	Description
CreateTime	String	The rule creation time. Note: Beijing time (UTC+8) is used.
UpdateTime	String	The rule update time. Note: Beijing time (UTC+8) is used.
TemplateId	Integer	Template ID.
DomainName	String	Push domain name.
AppName	String	Push path.
StreamName	String	Stream name.

SnapshotTemplateInfo

Screencapturing template information.

Used by actions: DescribeLiveSnapshotTemplate, DescribeLiveSnapshotTemplates.

Name	Type	Description
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TemplateId	Integer	Template ID.
TemplateName	String	Template name.
SnapshotInterval	Integer	Screencapturing interval. Value range: 5-300s.
Width	Integer	Screenshot width. Value range: 0-3000. 0: original width and fit to the original ratio.
Height	Integer	Screenshot height. Value range: 0-2000. 0: original height and fit to the original ratio.
PornFlag	Integer	Whether to enable porn detection. 0: no, 1: yes.
CosAppId	Integer	COS application ID.
CosBucket	String	COS bucket name.
CosRegion	String	COS region.
Description	String	Template description.
CosPrefix	String	COS bucket folder prefix. Note: this field may return null, indicating that no valid values can be obtained.
CosFileName	String	COS filename. Note: this field may return null, indicating that no valid values can be obtained.

StreamEventInfo

Streaming event information.

Used by actions: DescribeLiveStreamEventList.

Name	Type	Description
AppName	String	Application name.
DomainName	String	Push domain name.
StreamName	String	Stream name.
StreamStartTime	String	Push start time. In UTC format, such as 2019-01-07T12:00:00Z.
StreamEndTime	String	Push end time.

		In UTC format, such as 2019-01-07T15:00:00Z.
StopReason	String	Stop reason.
Duration	Integer	Push duration in seconds.
ClientIp	String	The IP address of the host. If the stream is published from a private network, this parameter will be <code>-</code> .
Resolution	String	Resolution.

StreamName

Stream name list.

Used by actions: DescribeLiveStreamPublishedList.

Name	Type	Description
StreamName	String	Stream name.
AppName	String	Application name.
DomainName	String	Push domain name.
StreamStartTime	String	Push start time. In UTC format, such as 2019-01-07T12:00:00Z.
StreamEndTime	String	Push end time. In UTC format, such as 2019-01-07T15:00:00Z.
StopReason	String	Stop reason.
Duration	Integer	Push duration in seconds.
ClientIp	String	Host IP.
Resolution	String	Resolution.

StreamOnlineInfo

Queries active push information

Used by actions: DescribeLiveStreamOnlineList.

Name	Type	Description
StreamName	String	Stream name.
PublishTimeList	Array of PublishTime	Push time list
AppName	String	Application name.
DomainName	String	Push domain name.

TemplateInfo

Transcoding template information.

Used by actions: DescribeLiveTranscodeTemplate, DescribeLiveTranscodeTemplates.

Name	Type	Description
Vcodec	String	Codec: h264/h265/origin. Default value: h264. origin: keep the original codec.
VideoBitrate	Integer	Video bitrate. Value range: 0–8,000 Kbps. If the value is 0, the original bitrate will be retained. Note: transcoding templates require a unique bitrate. The final saved bitrate may differ from the input bitrate.
Acodec	String	Audio codec: aac. Default value: aac. Note: This parameter will not take effect for now and will be supported soon.
AudioBitrate	Integer	Audio bitrate. Value range: 0–500 Kbps. 0 by default.
Width	Integer	Width. Default value: 0. Value range: [0-3,000]. The value must be a multiple of 2. The original width is 0.
Height	Integer	Height. Default value: 0. Value range: [0-3,000]. The value must be a multiple of 2. The original width is 0.
Fps	Integer	Frame rate. Default value: 0. Range: 0-60 Fps.
Gop	Integer	Keyframe interval, unit: second. Original interval by default

		Range: 2-6
Rotate	Integer	Rotation angle. Default value: 0. Value range: 0, 90, 180, 270
Profile	String	Encoding quality: baseline/main/high. Default value: baseline.
BitrateToOrig	Integer	Whether to use the original bitrate when the set bitrate is larger than the original bitrate. 0: no, 1: yes Default value: 0.
HeightToOrig	Integer	Whether to use the original height when the set height is higher than the original height. 0: no, 1: yes Default value: 0.
FpsToOrig	Integer	Whether to use the original frame rate when the set frame rate is larger than the original frame rate. 0: no, 1: yes Default value: 0.
NeedVideo	Integer	Whether to keep the video. 0: no; 1: yes.
NeedAudio	Integer	Whether to keep the audio. 0: no; 1: yes.
TemplateId	Integer	Template ID.
TemplateName	String	Template name.
Description	String	Template description.
AiTransCode	Integer	Whether it is a top speed codec template. 0: no, 1: yes. Default value: 0.
AdaptBitratePercent	Float	Bitrate compression ratio of top speed code video. Target bitrate of top speed code = VideoBitrate * (1-AdaptBitratePercent) Value range: 0.0-0.5.
ShortEdgeAsHeight	Integer	Whether to take the shorter side as height. 0: no, 1: yes. Default value: 0. Note: this field may return <code>null</code> , indicating that no valid value is obtained.
DRMType	String	The DRM encryption type. Valid values: fairplay, normalaes, widevine. Note: This field may return null, indicating that no valid values can be obtained.
DRMTracks	String	The tracks to encrypt. Valid values: AUDIO, SD, HD, UHD1, UHD2.

Separate multiple tracks with “|”. You can choose only one video track (SD, HD, UHD1, or UHD2).

Note: This field may return null, indicating that no valid values can be obtained.

TimeShiftBillData

The time shifting billing data.

Used by actions: DescribeLiveTimeShiftBillInfoList.

Name	Type	Description
Domain	String	The push domain name.
Duration	Float	The time-shift video length (minutes).
StoragePeriod	Float	The time-shift days.
Time	String	The time for the data returned. Format: YYYY-MM-DDThh:mm:ssZ.
TotalDuration	Float	The total time-shift duration (minutes).

TimeShiftRecord

A recorded time shifting session.

Used by actions: DescribeTimeShiftRecordDetail.

Name	Type	Description
Sid	String	The session ID.
StartTime	Integer	The recording start time, which is a Unix timestamp.
EndTime	Integer	The recording end time, which is a Unix timestamp.

TimeShiftStreamInfo

The information of a time shifted stream.

Used by actions: DescribeTimeShiftStreamList.

Name	Type	Description
DomainGroup	String	The group the push domain belongs to. Note: This field may return null, indicating that no valid values can be obtained.
Domain	String	The push domain.
AppName	String	The push path.
StreamName	String	The stream name.
StartTime	Integer	The stream start time, which is a Unix timestamp.
EndTime	Integer	The stream end time (for streams that ended before the time of query), which is a Unix timestamp.
TransCodeId	Integer	The transcoding template ID. Note: This field may return null, indicating that no valid values can be obtained.
StreamType	Integer	The stream type. <code>0</code> : The original stream; <code>1</code> : The watermarked stream; <code>2</code> : The transcoded stream.
Duration	Integer	The storage duration (seconds) of the recording. Note: This field may return null, indicating that no valid values can be obtained.

TimeShiftTemplate

The information of a time shifting template.

Used by actions: DescribeLiveTimeShiftTemplates.

Name	Type	Required	Description
TemplateName	String	Yes	The template name.
Duration	Integer	Yes	The time shifting duration. Unit: second
ItemDuration	Integer	Yes	The segment size. Value range: 3-10. Unit: Second. Default value: 5
TemplateId	Integer	No	The template ID.
Description	String	No	The template description.

Area	String	No	The region. Valid values: Mainland : The Chinese mainland. Overseas : Outside the Chinese mainland. Default value: Mainland .
RemoveWatermark	Boolean	No	Whether to remove watermarks. If you pass in true , the original stream will be recorded. Default value: false .
TranscodeTemplateIds	Array of Integer	No	The transcoding template IDs. This API works only if RemoveWatermark is false .

TimeValue

Metric value at a specified point in time.

Used by actions: DescribeScreenShotSheetNumList.

Name	Type	Description
Time	String	UTC time in the format of yyyy-mm-ddTHH:MM:SSZ .
Num	Integer	Value.

TranscodeDetailInfo

Transcoding details.

Used by actions: DescribeLiveTranscodeDetailInfo.

Name	Type	Description
StreamName	String	Stream name.
StartTime	String	Start time (Beijing time) in the format of yyyy-mm-dd HH:MM .
EndTime	String	End time (Beijing time) in the format of yyyy-mm-dd HH:MM .
Duration	Integer	Transcoding duration in minutes. Note: given the possible interruptions during push, duration here is the sum

		of actual duration of transcoding instead of the interval between the start time and end time.
ModuleCodec	String	Codec with modules, Example: liveprocessor_H264: LVB transcoding - H264, liveprocessor_H265: LVB transcoding - H265, topspeed_H264: top speed codec - H264, topspeed_H265: top speed codec - H265.
Bitrate	Integer	Bitrate.
Type	String	The task type. Valid values: Transcode, MixStream, WaterMark, Webrtc.
PushDomain	String	Push domain name.
Resolution	String	Resolution.
MainlandOrOversea	String	The region. Valid values: Mainland : Inside the Chinese mainland. Overseas : Outside the Chinese mainland.

TranscodeTaskNum

The number of tasks.

Used by actions: DescribeTranscodeTaskNum.

Name	Type	Description
Time	String	The time of query.
CodeRate	Integer	The bitrate.
Num	Integer	The number of tasks.

TranscodeTotalInfo

Total usage of the transcoding service

Used by actions: DescribeLiveTranscodeTotalInfo.

Name	Type	Description

Time	String	Usage time (Beijing time) Example: 2019-03-01 00:00:00
Duration	Integer	Transcoding duration in minutes
ModuleCodec	String	Codec, with modules Examples: <code>liveprocessor_H264</code> : live transcoding-H264 <code>liveprocessor_H265</code> : live transcoding-H265 <code>topspeed_H264</code> : top speed codec-H264 <code>topspeed_H265</code> : top speed codec-H265
Resolution	String	Resolution Example: 540*480

WatermarkInfo

Watermark information.

Used by actions: DescribeLiveWatermark, DescribeLiveWatermarks.

Name	Type	Description
WatermarkId	Integer	Watermark ID.
PictureUrl	String	Watermark image URL.
XPosition	Integer	Display position: X-axis offset.
YPosition	Integer	Display position: Y-axis offset.
WatermarkName	String	Watermark name.
Status	Integer	Current status. 0: not used. 1: in use.
CreateTime	String	The time when the watermark was added. Note: Beijing time (UTC+8) is used.
Width	Integer	Watermark width.
Height	Integer	Watermark height.

Error Codes

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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	<code>Authorization</code> 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
FailedOperation.AiTranscodeOptionFail	Failed to manipulate the AI API.
FailedOperation.AlterTaskState	Failed to change the task status.
FailedOperation.AuthError	You do not have permission to perform this operation.
FailedOperation.CallOtherSvrError	Failed to call the third-party service.
FailedOperation.CallOtherSvrFailed	Failed to call the internal service.
FailedOperation.CancelSessionNotExist	The canceled stream mix session does not exist.
FailedOperation.CannotBeDeletedIssued	Failed to delete the certificate because it has been issued.
FailedOperation.CannotBeDeletedWithinHour	Free certificates cannot be deleted within one hour of application.
FailedOperation.CertificateExists	The certificate already exists.

FailedOperation.CertificateInvalid	The certificate is invalid.
FailedOperation.CertificateMismatch	The certificate and the private key do not match.
FailedOperation.CertificateNotFound	The certificate does not exist.
FailedOperation.ConfInUsed	The template is in use.
FailedOperation.ConfigCDNFailed	CDN configuration failed.
FailedOperation.CosBucketNotExist	The COS bucket does not exist.
FailedOperation.CosBucketNotPermission	You don't have permission to access the COS bucket.
FailedOperation.CosRoleNotExists	The COS role does not exist. Please go to the "Feature Configuration > Live Screenshot & Porn Detection" page of the CSS console to grant the permission.
FailedOperation.DeleteDomainInLockedTime	The domain name cannot be deleted because it incurred traffic in the last 2 days and is in locked state.
FailedOperation.DomainAdded	The domain has already been added.
FailedOperation.DomainGslbFail	Failed to configure the domain rule.
FailedOperation.DomainNeedRealName	The domain has not been verified.
FailedOperation.DomainNeedVerifyOwner	The ownership of the domain has not been verified.
FailedOperation.ExceedsFreeLimit	The number of free certificates exceeded the limit.
FailedOperation.GetPictureUrlError	Unable to get the watermark URL.
FailedOperation.GetStreamResolutionError	Failed to get the input stream length and width.
FailedOperation.HasNotLivingStream	No live stream.
FailedOperation.HostOutLimit	The number of domain names exceeded the upper limit (100).
FailedOperation.InvalidCertificateStatusCode	Invalid certificate status.
FailedOperation.InvalidParam	Invalid parameter.
FailedOperation.InvokeVideoApiFail	An exception occurred while manipulating the VOD API.
FailedOperation.JiFeiNoEnoughFund	The billing platform returned an error of insufficient balance.
FailedOperation.NetworkError	The CA system is busy. Try again later.

FailedOperation.NoProjectPermission	You do not have permission to operate this project.
FailedOperation.NoRealNameAuth	You haven't completed identity verification.
FailedOperation.NotFound	No records found.
FailedOperation.ParentDomainAdded	The domain's parent domain has already been added.
FailedOperation.ProcessMixError	Failed to start stream mix.
FailedOperation.QueryUploadInfoFailed	Failed to query the upload information.
FailedOperation.RuleAlreadyExist	The rule already exists.
FailedOperation.SdkNoPackage	The user has no valid traffic package.
FailedOperation.StreamNotExist	The stream does not exist.
FailedOperation.SubDomainAdded	The domain's subdomain has already been added.
FailedOperation.TagUnbindError	Failed to unbind the tag. Try unbinding it manually.
InternalError.ArgsNotMatch	For the transcoding template adding API.
InternalError.CallOtherSvrError	Error calling internal service.
InternalError.ChineseCharacterDetected	Chinese domain names are not supported currently. Please check the domain name format.
InternalError.ConfInUsed	The template is in use.
InternalError.ConfNotFound	The template does not exist.
InternalError.ConfOutLimit	The number of templates exceeded the limit.
InternalError.ConfigNotExist	The configuration does not exist.
InternalError.ConnectDbError	Database connection error.
InternalError.CrtDateInUsing	The certificate is in use.
InternalError.CrtDateNotFound	The certificate does not exist.
InternalError.CrtDateNotLegal	The certificate is invalid.
InternalError.CrtDateOverdue	The certificate has expired.
InternalError.CrtDomainNotFound	There is no related domain name.
InternalError.CrtKeyNotMatch	The certificate key does not match.

InternalError.DBError	DB execution error.
InternalError.DomainAlreadyExist	The domain name is already connected elsewhere. Please check whether the entered domain name is correct, and if yes, you can add it again after successful ownership verification.
InternalError.DomainFormatError	The domain name format is incorrect. Please enter a valid one.
InternalError.DomainGslbFail	Failed to add the GSLB rule.
InternalError.DomainsIsFamous	The domain name is already connected elsewhere. Please check whether the entered domain name is correct, and if yes, you can add it again after successful ownership verification.
InternalError.DomainsIsLimited	Your domain name is unavailable. Please enter a correct domain name.
InternalError.DomainNoRecord	The domain name has no ICP filing.
InternalError.DomainNotExist	The domain name does not exist.
InternalError.DomainTooLong	The domain name length exceeds the limit.
InternalError.GetBizidError	Error getting user account.
InternalError.GetConfigError	Error getting the configuration.
InternalError.GetStreamInfoError	Failed to get the stream information.
InternalError.GetUpstreamInfoError	Error getting the live stream source information.
InternalError.GetWatermarkError	An error occurred while getting the watermark.
InternalError.HasNotLivingStream	No live stream.
InternalError.InvalidInput	Parameter check failed.
InternalError.InvalidRequest	Invalid request.
InternalError.InvalidUser	Account information error.
InternalError.JiFeiOtherError	The billing platform returned other errors.
InternalError.NetworkError	Internal network error.

InternalServerError.NotFound	The record does not exist.
InternalServerError.NotPermmittOperat	No permission to operate.
InternalServerError.PlayDomainNoRecord	The playback domain name does not exist.
InternalServerError.ProcessorAlreadyExist	The transcoding template name already exists.
InternalServerError.PushDomainNoRecord	The push domain name does not exist.
InternalServerError.QueryProlspPlayInfoError	Failed to query the playback information by ISP and district.
InternalServerError.QueryUploadInfoFailed	Failed to query the upload information.
InternalServerError.RuleAlreadyExist	The rule has already been configured.
InternalServerError.RuleInUsing	The rule is in use.
InternalServerError.RuleNotFound	The rule does not exist.
InternalServerError.RuleOutLimit	The rule exceeds the limit.
InternalServerError.StreamStatusError	Exceptional stream status.
InternalServerError.SystemError	Internal system error.
InternalServerError.UpdateDataError	Failed to update data.
InternalServerError.WatermarkAddError	Failed to add the watermark.
InternalServerError.WatermarkEditError	An internal error occurred while modifying the watermark.
InternalServerError.WatermarkNotExist	The watermark does not exist.
InvalidParameter.ArgsNotMatch	Incorrect template name.
InvalidParameter.COSCustomFileNameError	Incorrect custom COS filename.
InvalidParameter.CancelSessionNotExist	The canceled session does not exist.
InvalidParameter.CloudCrtIdError	Incorrect Tencent Cloud-hosted certificate ID.
InvalidParameter.CloudDomainsIsStop	The gifted Tencent Cloud domain name has expired.
InvalidParameter.ConfInUsed	
InvalidParameter.ConfNotFound	
InvalidParameter.CrtDateInUsing	The certificate is in use.

InvalidParameter.CrtDateNotFound	The certificate does not exist.
InvalidParameter.CrtDateNotLegal	The certificate is invalid.
InvalidParameter.CrtDateOverdue	The certificate has expired.
InvalidParameter.CrtDomainNotFound	Unable to find the domain.
InvalidParameter.CrtKeyNotMatch	The certificate key does not match.
InvalidParameter.CrtOrKeyNotExist	The certificate content or private key was not provided.
InvalidParameter.DomainAlreadyExist	The domain name already exists.
InvalidParameter.DomainFormatError	The domain name format is incorrect. Please enter a valid one.
InvalidParameter.DomainHitBlackList	This domain name is on the blacklist.
InvalidParameter.DomainsIsFamous	A blocklisted domain name is used.
InvalidParameter.DomainsIsLimited	The domain name is restricted. Please submit a ticket for application to remove the restrictions.
InvalidParameter.DomainTooLong	The domain name exceeds the length limit.
InvalidParameter.GopMustEqualAndExists	The GOP of an adaptive bitrate template is required and must be the same for each stream.
InvalidParameter.InputNumLimitExceeded	The number of inputs exceeds the limit.
InvalidParameter.InvalidBackgroudResolution	Invalid background length and width.
InvalidParameter.InvalidBackupToUrl	invalid BackupToUrl.
InvalidParameter.InvalidBitrate	Invalid output bitrate.
InvalidParameter.InvalidCallbackUrl	Invalid callback URL.
InvalidParameter.InvalidCropParam	The cropped area overflows the original image.
InvalidParameter.InvalidLayerParam	Invalid layer parameter.
InvalidParameter.InvalidMixInputParam	
InvalidParameter.InvalidOutputParam	
InvalidParameter.InvalidOutputStreamID	The output stream ID is already used.
InvalidParameter.InvalidOutputType	Invalid output type. Please check whether <code>OutputParam</code>

	<code>StreamId</code> and <code>OutputType</code> match.
<code>InvalidParameter.InvalidPictureID</code>	The watermark ID was not set.
<code>InvalidParameter.InvalidRoundRectRadius</code>	Invalid corner radius of the rounded rectangle.
<code>InvalidParameter.InvalidSourceUrl</code>	Invalid source URL.
<code>InvalidParameter.InvalidTaskTime</code>	The time period of the task exceeded the limit.
<code>InvalidParameter.InvalidToUrl</code>	Invalid destination URL.
<code>InvalidParameter.InvalidVodFileName</code>	Incorrect <code>VodFileName</code> .
<code>InvalidParameter.InvalidWatermark</code>	Invalid watermark parameter.
<code>InvalidParameter.MpHostDelete</code>	It is not allowed to add a Mini Program domain name deleted in the same month.
<code>InvalidParameter.MpPluginNoUse</code>	The WeChat Mini Program plug-in is unauthorized.
<code>InvalidParameter.OtherError</code>	Other errors.
<code>InvalidParameter.ProcessorAlreadyExist</code>	
<code>InvalidParameter.RuleNotFound</code>	
<code>InvalidParameter.SessionOutputStreamChanged</code>	The output stream of the same session has changed.
<code>InvalidParameter.TaskNotExist</code>	The task does not exist.
<code>InvalidParameter.TaskNumMoreThanLimit</code>	The number of tasks reached the limit.
<code>InvalidParameter.TemplateNotMatchInputNum</code>	The template does not match the number of input streams.
<code>InvalidParameter.ToUrlNoPermission</code>	No permission to access the external URL.
<code>InvalidParameter.UrlNotSafe</code>	Failed to resolve the domain name.
<code>LimitExceeded.MaximumRunningTask</code>	The current number of concurrent tasks exceeds the limit.
<code>LimitExceeded.MaximumTask</code>	The number of tasks created on the day exceeds the limit.
<code>LimitExceeded.RateLimitExceeded</code>	Reached the API rate limit.
<code>ResourceNotFound.ChannelNotExist</code>	The channel does not exist.
<code>ResourceNotFound.CrtDateNotFound</code>	The certificate does not exist.
<code>ResourceNotFound.CrtDomainNotFound</code>	No certificate was found.

ResourceNotFound.DomainNoRecord	The domain name has no ICP filing.
ResourceNotFound.DomainNotExist	The domain name does not exist or is not matched.
ResourceNotFound.EmptyData	
ResourceNotFound.ForbidService	You are blocked.
ResourceNotFound.FreezeService	Service suspended.
ResourceNotFound.InvalidUser	This API is not supported for the user.
ResourceNotFound.PlayDomainNoRecord	The playback domain name does not exist.
ResourceNotFound.PushDomainNoRecord	The push domain name does not exist.
ResourceNotFound.StopService	The service has been suspended due to account arrears. Please top up it to a positive balance to activate the service first.
ResourceNotFound.TaskId	The <code>TaskId</code> does not exist.
ResourceNotFound.UserDisableService	You disabled the service.
ResourceNotFound.UserNotExist	The LVB service has not been activated.
ResourceNotFound.UserNotFount	The user does not exist.
ResourceNotFound.WatermarkNotExist	The watermark does not exist.
ResourceUnavailable.InvalidVodStatus	The VOD service has not been activated.
ResourceUnavailable.StreamNotExist	The stream does not exist.
UnsupportedOperation.NotLVBCodeMode	Not a LVB code/new console mode