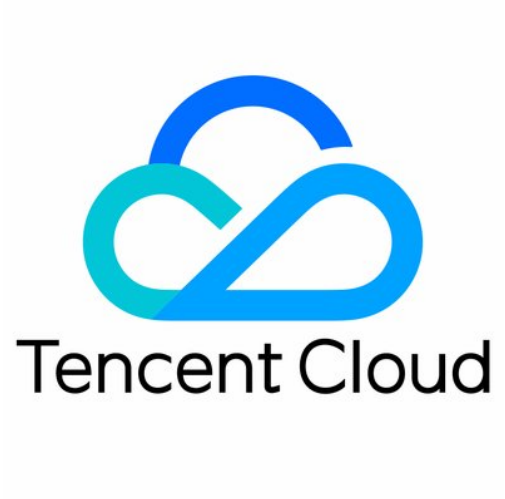
Video on Demand

Server APIs

Product Documentation



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Server APIs
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Last updated：2025-04-27 17:14:26

Release 69

Release time: 2025-04-27 17:13:48

Release updates:

Improvement to existing documentation.

Modified APIs:

- CreateSubAppId
  - New input parameters:Type
- RestoreMedia
  - **Modified input parameters:** RestoreDay

Modified data structures:

- DescribeFileAttributesTaskOutput
  - **Modified members:** Sha1
- SvgWatermarkInputForUpdate
  - **Deprecate members:** CycleConfig

Release 68

Release time: 2025-02-14 17:28:19

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeCurrentPlaylist
- HandleCurrentPlaylist

Modified APIs:

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- CreateRoundPlay
  - New input parameters:RoundPlayId, ExpiredTime
- DescribeRoundPlays
  - New input parameters:Status, CreateTime, UpdateTime, ScrollToken
  - New output parameters:ScrollToken
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New data structures:

- RoundPlayFilePlayInfo

Modified data structures:

- RoundPlayInfo
  - New members:CreateTime, UpdateTime, ExpiredTime
- RoundPlayListItemInfo
  - New members:ItemId

Release 67

Release time: 2024-12-26 10:37:19

Release updates:

Improvement to existing documentation.

Modified APIs:

- CreateDomainVerifyRecord
  - New input parameters:Domain, SubAppId
- VerifyDomainRecord
  - New input parameters:SubAppId

Release 66

Release time: 2024-11-27 16:47:29

Release updates:

Improvement to existing documentation.

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New data structures:

- IPFilterPolicy

Modified data structures:

- DomainDetailInfo
  - New members:IPFilterPolicy, Type

Release 65

Release time: 2024-11-27 16:38:41

Release updates:

Improvement to existing documentation.

Modified APIs:

- CreateVodDomain
  - New input parameters:Type

Release 64

Release time: 2024-11-08 08:47:19

Release updates:

Improvement to existing documentation.

Modified data structures:

- EventContent
  - New members:ComplexAdaptiveDynamicStreamingCompleteEvent

Release 63

Release time: 2024-11-06 16:00:01

Release updates:

Improvement to existing documentation.

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New APIs:

- CreateComplexAdaptiveDynamicStreamingTask

Modified APIs:

- DescribeTaskDetail
  - New output parameters:ComplexAdaptiveDynamicStreamingTask

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- ComplexAdaptiveDynamicStreamingTask
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- ComplexAdaptiveDynamicStreamingTaskInput
- ComplexAdaptiveDynamicStreamingTaskOutput
- ComplexAdaptiveDynamicStreamingTaskResult
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Release 62

Release time: 2024-10-31 14:30:01

Release updates:

Improvement to existing documentation.

New data structures:

- AiRecognitionTaskAsrTranslateResult
- AiRecognitionTaskAsrTranslateResultInput
- AiRecognitionTaskAsrTranslateResultOutput
- AiRecognitionTaskAsrTranslateSegmentItem

Modified data structures:

- AdaptiveDynamicStreamingInfoItem
  - **Modified members:** Size, DigitalWatermarkType, SubStreamSet, CopyRightWatermarkText
- AiRecognitionResult
  - New members:AsrTranslateTask
- AiRecognitionTaskAsrFullTextResultOutputSubtitleItem
  - New members:Id, Name, Language

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- MediaSubtitleItem
  - New members:Source

Release 61

Release time: 2024-10-31 10:55:57

Release updates:

Improvement to existing documentation.

Modified APIs:

- CreateAIRecognitionTemplate
  - New input parameters:AsrTranslateConfigure
- DescribeAIRecognitionTemplates
  - New input parameters:Type
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- AIRecognitionTemplateItem
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- AsrFullTextConfigureInfo
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- AsrFullTextConfigureInfoForUpdate
  - New members:SubtitleName

Release 60

Release time: 2024-09-24 17:25:13

Release updates:

Improvement to existing documentation.

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New data structures:

- MediaCastEvent
- PersistenceCompleteTask

Modified data structures:

- EventContent
  - New members:MediaCastStatusChangedEvent, PersistenceCompleteEvent

Release 59

Release time: 2024-09-24 17:24:06

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeEventConfig

Modified APIs:

- ModifyEventConfig
  - New input parameters:PersistenceCompleteEventSwitch
- SimpleHlsClip
  - New input parameters:Precision, OutputMediaType, ExtInfo

Release 58

Release time: 2024-03-26 09:53:43

Release updates:

Improvement to existing documentation.

New APIs:

- FastEditMedia

New data structures:

- FastEditMediaFileInfo

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Release 57

Release time: 2023-12-06 16:03:55

Release updates:

Improvement to existing documentation.

New APIs:

- EnhanceMediaQuality

Modified APIs:

- SetVodDomainCertificate
  - New input parameters:Domain, Operation, SubAppId, CertID

New data structures:

- EnhanceMediaQualityOutputConfig

Modified data structures:

- EventContent
  - New members:QualityEnhanceCompleteEvent
  - **Modified members:** ExtractCopyRightWatermarkCompleteEvent, QualityInspectCompleteEvent

Release 56

Release time: 2023-11-29 10:23:57

Release updates:

Improvement to existing documentation.

New APIs:

- CreateJustInTimeTranscodeTemplate
- DeleteJustInTimeTranscodeTemplate
- DescribeJustInTimeTranscodeTemplates
- ModifyJustInTimeTranscodeTemplate
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Modified APIs:

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- DescribeTaskDetail
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New data structures:

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- DomainHTTPSConfig
  - New members:CloudCertId
- EditMediaVideoStream
  - New members:Codec, Bitrate
- OutputAudioStream
  - New members:Bitrate

Release 55

Release time: 2023-11-17 17:31:56

Release updates:

Improvement to existing documentation.

New APIs:

- CreateDomainVerifyRecord
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- CreateQualityInspectTemplate
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- VoiceConfigureInfo
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Release 54

Release time: 2023-11-06 16:28:28

Release updates:

Improvement to existing documentation.

New APIs:

- EditMedia
- ProcessMedia

New data structures:

- EditMediaOutputConfig
- EditMediaTEHDConfig
- EditMediaVideoStream

Release 53

Release time: 2023-10-30 16:47:15

Release updates:

Improvement to existing documentation.

Deleted APIs:

- EditMedia
- ProcessMedia

Modified APIs:

- CreateRoundPlay
  - New input parameters:PlayBackMode
- DescribeTaskDetail
  - New output parameters:ExtractCopyRightWatermarkTask, QualityInspectTask
- ModifyRoundPlay

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- New input parameters:Status, PlayBackMode

New data structures:

- AiRecognitionTaskObjectSegmentItem
- CopyRightWatermarkInput
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- QualityInspectTaskOutput
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Deleted data structures:

- EditMediaOutputConfig

Modified data structures:

- AdaptiveDynamicStreamingInfoItem
  - New members:CopyRightWatermarkText
- AdaptiveDynamicStreamingTaskInput
  - New members:CopyRightWatermark
- AiAnalysisTaskClassificationResult
  - New members:BeginProcessTime, FinishTime
- AiAnalysisTaskCoverResult
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- AiAnalysisTaskTagResult
  - New members:BeginProcessTime, FinishTime
- AiRecognitionTaskAsrFullTextResult
  - New members:Progress, BeginProcessTime, FinishTime

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- AiRecognitionTaskAsrWordsResult
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  - **Modified members:** Domain, DeployStatus, Cname, CreateTime, Config
- DescribeFileAttributesTaskOutput
  - New members:Sha1
- DomainDetailInfo
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- DynamicRangeInfo
  - **Modified members:** Type, HDRType
- EditMediaTask
  - **Modified members:** TaskId, Status, ErrCode, ErrCodeExt, Message, Progress, Input, Output, MetaData, ProcedureTaskId, ReviewAudioVideoTaskId, SessionId, SessionContext
- EventContent
  - New members:ExtractCopyRightWatermarkCompleteEvent, QualityInspectCompleteEvent
- ExtractTraceWatermarkTaskInput
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- ImageWatermarkInput
  - New members:Transparency

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- ImageWatermarkInputForUpdate
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- ImageWatermarkTemplate
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- MediaInfo
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- ProcedureTemplate
  - **Modified members:** Name, Type, Comment, MediaProcessTask, AiContentReviewTask, AiAnalysisTask, AiRecognitionTask, MiniProgramPublishTask, ReviewAudioVideoTask, CreateTime, UpdateTime
- PullUploadTask

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  - New members:Status, PlayBackMode, Url
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- TerrorismConfigureInfo
  - **Modified members:** OcrReviewInfo
- TranscodeTaskInput
  - New members:CopyRightWatermark

Release 52

Release time: 2023-10-25 10:56:18

Release updates:

Improvement to existing documentation.

New APIs:

- ProcessMedia

Release 51

Release time: 2023-08-29 14:29:57

Release updates:

Improvement to existing documentation.

New APIs:

- EditMedia

Modified APIs:

- LiveRealTimeClip
  - New output parameters:SegmentSet

New data structures:

- EditMediaOutputConfig
- LiveRealTimeClipMediaSegmentInfo

Release 50

Release time: 2023-07-27 16:52:53

Release updates:

Improvement to existing documentation.

Modified data structures:

- AsrFullTextConfigureInfo
  - New members:SrcLanguage
- AsrFullTextConfigureInfoForUpdate
  - New members:SrcLanguage

Release 49

Release time: 2023-06-16 11:31:55

Release updates:

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Improvement to existing documentation.

New APIs:

- CloneCDNDomain
- CreateCDNDomain
- DeleteCDNDomain
- DescribeCDNDomains
- ModifyCDNDomainConfig
- StartCDNDomain

New data structures:

- Authentication
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- Https
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- IpFilterPathRule
- Ipv6Access
- MaxAge
- MaxAgeRule
- Origin

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- UserAgentFilterRule

Release 48

Release time: 2023-06-16 11:27:18

Release updates:

Improvement to existing documentation.

Deleted APIs:

- CloneCDNDomain
- CreateCDNDomain
- DeleteCDNDomain
- DescribeCDNDomains
- ModifyCDNDomainConfig
- ProcessMedia
- StartCDNDomain

Deleted data structures:

- Authentication
- AuthenticationTypeA
- AuthenticationTypeB
- AuthenticationTypeC
- AuthenticationTypeD
- AwsPrivateAccess
- CDNCertInfo
- CDNDomainConfig

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- CDNDomainConfigForUpdate
- CDNDomainInfo
- Cache
- CacheConfigCache
- CacheConfigFollowOrigin
- CacheConfigNoCache
- FollowRedirect
- ForceRedirect
- HeuristicCache
- HeuristicCacheConfig
- HttpHeaderPathRule
- Https
- HwPrivateAccess
- IpFilter
- IpFilterPathRule
- Ipv6Access
- MaxAge
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- Origin
- OssPrivateAccess
- OthersPrivateAccess
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- RefererRule
- RequestHeader
- ResponseHeader
- RuleCache
- RuleCacheConfig
- UserAgentFilter
- UserAgentFilterRule

Release 47

Release time: 2023-06-15 18:10:55

Release updates:

Improvement to existing documentation.

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New APIs:

- CloneCDNDomain
- CreateCDNDomain
- DeleteCDNDomain
- DescribeCDNDomains
- ModifyCDNDomainConfig
- StartCDNDomain

New data structures:

- Authentication
- AuthenticationTypeA
- AuthenticationTypeB
- AuthenticationTypeC
- AuthenticationTypeD
- AwsPrivateAccess
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- CDNDomainConfig
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- CacheConfigCache
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- Ipv6Access
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- Origin
- OssPrivateAccess

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- OthersPrivateAccess
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- RefererRule
- RequestHeader
- ResponseHeader
- RuleCache
- RuleCacheConfig
- UserAgentFilter
- UserAgentFilterRule

Release 46

Release time: 2023-04-28 10:06:42

Release updates:

Improvement to existing documentation.

Modified APIs:

- ModifyVodDomainConfig
  - New input parameters:QUICConfig

New data structures:

- DomainQUICConfig

Modified data structures:

- DomainDetailInfo
  - New members:QUICConfig
- RemoveWaterMarkTaskOutput
  - New members:FileType, FileUrl, MediaName

Release 45

Release time: 2023-04-23 17:01:00

Release updates:

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Improvement to existing documentation.

Modified APIs:

- PullUpload
  - New input parameters:MediaType

New data structures:

- ImageBlur

Modified data structures:

- ImageOperation
  - New members:Blur

Release 44

Release time: 2023-04-23 15:01:41

Release updates:

Improvement to existing documentation.

New APIs:

- CreateRebuildMediaTemplate
- DeleteRebuildMediaTemplate
- DescribeRebuildMediaTemplates
- ModifyRebuildMediaTemplate
- RebuildMediaByTemplate

New data structures:

- RebuildAudioInfo
- RebuildMediaOutputConfig
- RebuildMediaTemplate
- RebuildVideoInfo

Modified data structures:

- RebuildMediaTaskInput
  - New members:Definition

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Release 43

Release time: 2023-04-04 15:01:55

Release updates:

Improvement to existing documentation.

Modified APIs:

- SearchMedia
  - New input parameters:MediaTypes, Status, ReviewResults

Release 42

Release time: 2023-03-24 17:00:03

Release updates:

Improvement to existing documentation.

New data structures:

- MediaSubStreamInfoItem

Modified data structures:

- AdaptiveDynamicStreamingInfoItem
  - New members:SubStreamSet

Release 41

Release time: 2023-03-01 11:09:55

Release updates:

Improvement to existing documentation.

New APIs:

- CreateRoundPlay
- DeleteRoundPlay
- DescribeRoundPlays
- ModifyRoundPlay

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- RebuildMedia

Modified APIs:

- DescribeTaskDetail
  - New output parameters:RebuildMediaTask

New data structures:

- ArtifactRepairInfo
- AudioDenoiseInfo
- ColorEnhanceInfo
- FaceEnhanceInfo
- HDRInfo
- LowLightEnhanceInfo
- RebuildMediaTargetAudioStream
- RebuildMediaTargetInfo
- RebuildMediaTargetVideoStream
- RebuildMediaTask
- RebuildMediaTaskInput
- RebuildMediaTaskOutput
- RepairInfo
- RoundPlayInfo
- RoundPlayListItemInfo
- ScratchRepairInfo
- SharpEnhanceInfo
- SuperResolutionInfo
- VideoDenoiseInfo
- VideoFrameInterpolationInfo

Modified data structures:

- EventContent
  - New members:RebuildMediaCompleteEvent

Release 40

Release time: 2023-01-17 17:11:52

Release updates:

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Improvement to existing documentation.

New APIs:

- CreateReviewTemplate
- DeleteReviewTemplate
- DescribeReviewTemplates
- ModifyReviewTemplate
- ReviewImage

Modified APIs:

- CreateProcedureTemplate
  - New input parameters:ReviewAudioVideoTask
- ExtractTraceWatermark
  - New input parameters:FileId
- ProcessMediaByProcedure
  - New output parameters:ReviewAudioVideoTaskId
- ResetProcedureTemplate
  - New input parameters:ReviewAudioVideoTask
- ReviewAudioVideo
  - New input parameters:ReviewContents

New data structures:

- ContentReviewOcrResult
- ContentReviewResult
- DynamicRangeInfo
- FileReviewInfo
- PoliticalImageResult
- PornImageResult
- ProcedureReviewAudioVideoTaskInput
- ReviewImageResult
- ReviewImageSegmentItem
- ReviewInfo
- ReviewTemplate
- TerrorismImageResult

Modified data structures:

- EditMediaTask

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  - New members:ReviewAudioVideoTaskId
  - **Modified members:** TaskId, Status, ErrCode, ErrCodeExt, Message, Progress, Input, Output, MetaData, ProcedureTaskId, SessionId, SessionContext
- FileUploadTask
  - New members:ReviewAudioVideoTaskId
  - **Modified members:** FileId, MediaBasicInfo, ProcedureTaskId, MetaData
- MediaInfo
  - New members:ReviewInfo
  - **Modified members:** BasicInfo, MetaData, TranscodeInfo, AnimatedGraphicsInfo, SampleSnapshotInfo, ImageSpriteInfo, SnapshotByTimeOffsetInfo, KeyFrameDescInfo, AdaptiveDynamicStreamingInfo, MiniProgramReviewInfo, SubtitleInfo, FileId
- MediaVideoStreamItem
  - New members:DynamicRangeInfo
  - **Modified members:** Bitrate, Height, Width, Codec, Fps, CodecTag
- ProcedureTemplate
  - New members:ReviewAudioVideoTask
  - **Modified members:** Name, Type, Comment, MediaProcessTask, AiContentReviewTask, AiAnalysisTask, AiRecognitionTask, MiniProgramPublishTask, CreateTime, UpdateTime
- PullUploadTask
  - New members:ReviewAudioVideoTaskId
  - **Modified members:** TaskId, Status, ErrCode, Message, FileId, MediaBasicInfo, MetaData, FileUrl, ProcedureTaskId, SessionContext, SessionId, Progress
- ReviewAudioVideoTaskInput
  - New members:ReviewContents
  - **Modified members:** FileId, Definition
- ReviewAudioVideoTaskOutput
  - New members:CoverReviewResult
- SplitMediaTaskSegmentInfo
  - New members:ReviewAudioVideoTaskId
  - **Modified members:** Input, Output, ProcedureTaskId

Release 39

Release time: 2022-12-29 15:13:15

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeFileAttributes

Modified APIs:

- ReviewAudioVideo
  - New input parameters:Definition

Modified data structures:

- MediaMetaData
  - New members:Md5
- ReviewAudioVideoSegmentItem
  - New members:Url, PicUrlExpireTime
- ReviewAudioVideoTaskInput
  - New members:Definition

Release 38

Release time: 2022-12-12 10:44:33

Release updates:

Improvement to existing documentation.

New APIs:

- CreateImageProcessingTemplate
- DeleteImageProcessingTemplate
- DescribeImageProcessingTemplates

Modified APIs:

- DescribeTaskDetail
  - New output parameters:DescribeFileAttributesTask

New data structures:

- DescribeFileAttributesTask
- DescribeFileAttributesTaskOutput
- ImageCenterCut
- ImageOperation

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- ImageProcessingTemplate
- ImageScale

Modified data structures:

- AiAnalysisTaskClassificationResult
  - New members:Progress
- AiAnalysisTaskCoverResult
  - New members:Progress
- AiAnalysisTaskFrameTagResult
  - New members:Progress
- AiAnalysisTaskHighlightResult
  - New members:Progress
- AiAnalysisTaskTagResult
  - New members:Progress
- AiRecognitionTaskAsrWordsResult
  - New members:Progress
- AiRecognitionTaskFaceResult
  - New members:Progress
- AiRecognitionTaskHeadTailResult
  - New members:Progress
- AiRecognitionTaskObjectResult
  - New members:Progress
- AiRecognitionTaskOcrFullTextResult
  - New members:Progress
- AiRecognitionTaskOcrWordsResult
  - New members:Progress
- AiRecognitionTaskSegmentResult
  - New members:Progress
- AiReviewTaskPoliticalAsrResult
  - New members:Progress
- AiReviewTaskPoliticalResult
  - New members:Progress
- AiReviewTaskPornAsrResult
  - New members:Progress
- AiReviewTaskPornOcrResult
  - New members:Progress
- AiReviewTaskPornResult

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- New members:Progress
- AiReviewTaskProhibitedAsrResult
  - New members:Progress
- AiReviewTaskProhibitedOcrResult
  - New members:Progress
- AiReviewTaskTerrorismOcrResult
  - New members:Progress
- AiReviewTaskTerrorismResult
  - New members:Progress
- EventContent
  - New members:DescribeFileAttributesCompleteEvent
- MediaProcessTaskAnimatedGraphicResult
  - New members:Progress
- MediaProcessTaskCoverBySnapshotResult
  - New members:Progress
- MediaProcessTaskImageSpriteResult
  - New members:Progress
- MediaProcessTaskSampleSnapshotResult
  - New members:Progress
- MediaProcessTaskSnapshotByTimeOffsetResult
  - New members:Progress
- ProcedureTask
  - New members:Operator, OperationType
- PullUploadTask
  - New members:Progress
- SplitMediaTask
  - New members:Progress

Release 37

Release time: 2022-11-25 14:34:58

Release updates:

Improvement to existing documentation.

Modified APIs:

- CreateImageSpriteTemplate

  - New input parameters:Format
- ModifyImageSpriteTemplate
  - New input parameters:Format

Modified data structures:

- ImageSpriteTemplate
  - New members:Format

Release 36

Release time: 2022-11-16 16:53:50

Release updates:

Improvement to existing documentation.

Modified data structures:

- MediaProcessTaskAdaptiveDynamicStreamingResult
  - New members:Progress
- StorageRegionInfo
  - New members:Area

Release 35

Release time: 2022-11-08 11:04:08

Release updates:

Improvement to existing documentation.

Modified data structures:

- AudioTrackItem
  - New members:TargetDuration
- VideoTrackItem
  - New members:TargetDuration

Release 34

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Release time: 2022-10-28 15:15:16

Release updates:

Improvement to existing documentation.

Modified APIs:

- CreateAdaptiveDynamicStreamingTemplate
  - New input parameters:SegmentType
- CreateTranscodeTemplate
  - New input parameters:SegmentType
- ModifyAdaptiveDynamicStreamingTemplate
  - New input parameters:SegmentType
- ModifyTranscodeTemplate
  - New input parameters:SegmentType

Modified data structures:

- AdaptiveDynamicStreamingTemplate
  - New members:SegmentType
- TranscodeTemplate
  - New members:SegmentType

Release 33

Release time: 2022-10-14 18:23:34

Release updates:

Improvement to existing documentation.

Modified data structures:

- MediaVideoStreamItem
  - New members:CodecTag
- VideoTemplateInfo
  - New members:CodecTag
- VideoTemplateInfoForUpdate
  - New members:CodecTag

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Release 32

Release time: 2022-10-09 14:29:50

Release updates:

Improvement to existing documentation.

New APIs:

- ReviewAudioVideo

Release 31

Release time: 2022-09-27 16:33:04

Release updates:

Improvement to existing documentation.

New APIs:

- ExtractTraceWatermark

Modified APIs:

- DescribeTaskDetail
  - New output parameters:ExtractTraceWatermarkTask, ReduceMediaBitrateTask

New data structures:

- ExtractTraceWatermarkTask
- ExtractTraceWatermarkTaskInput
- ExtractTraceWatermarkTaskOutput
- ReduceMediaBitrateAdaptiveDynamicStreamingResult
- ReduceMediaBitrateMediaProcessTaskResult
- ReduceMediaBitrateTask
- ReduceMediaBitrateTranscodeResult

Modified data structures:

- AdaptiveDynamicStreamingInfoItem
  - New members:DigitalWatermarkType
- EventContent

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  - New members:ExtractTraceWatermarkCompleteEvent, ReduceMediaBitrateCompleteEvent
- MediaTranscodeItem
  - New members:DigitalWatermarkType
- TraceWatermarkInput
  - New members:Switch
  - **Modified members:** Definition

Release 30

Release time: 2022-09-15 11:52:34

Release updates:

Improvement to existing documentation.

New data structures:

- ReviewAudioVideoTaskInput

Modified data structures:

- ReviewAudioVideoTask
  - New members:Input

Release 29

Release time: 2022-09-07 11:05:57

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeTaskDetail
  - New output parameters:ReviewAudioVideoTask

New data structures:

- ReviewAudioVideoSegmentItem
- ReviewAudioVideoTask
- ReviewAudioVideoTaskOutput

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Modified data structures:

- EventContent
  - New members:ReviewAudioVideoCompleteEvent

Release 28

Release time: 2022-08-30 10:16:33

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeDrmKeyProviderInfo
- RemoveWatermark
- SetDrmKeyProviderInfo

Modified APIs:

- CreateAdaptiveDynamicStreamingTemplate
  - New input parameters:DrmKeyProvider
- DescribeTaskDetail
  - New output parameters:RemoveWatermarkTask
- LiveRealTimeClip
  - New input parameters:ClassId, SourceContext, SessionContext, StreamInfo
- SearchMedia
  - New input parameters:TrtcSdkAppIds, TrtcRoomIds
- SimpleHlsClip
  - New input parameters:ExpireTime, Procedure, ClassId, SourceContext, SessionContext
  - New output parameters:TaskId

New data structures:

- AiRecognitionTaskAsrFullTextResultOutputSubtitleItem
- LiveRealTimeClipStreamInfo
- RemoveWaterMarkTaskInput
- RemoveWaterMarkTaskOutput
- RemoveWatermarkTask
- SDMCDrmKeyProviderInfo

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- SubtitleFormatsOperation
- TrtcRecordInfo

Modified data structures:

- AdaptiveDynamicStreamingTemplate
  - New members:DrmKeyProvider
- AiRecognitionTaskAsrFullTextResultOutput
  - New members:SubtitleSet
- AsrFullTextConfigureInfo
  - New members:SubtitleFormats
- AsrFullTextConfigureInfoForUpdate
  - New members:SubtitleFormatsOperation
- EventContent
  - New members:RemoveWatermarkCompleteEvent
- MediaSourceData
  - New members:TrtcRecordInfo

Release 27

Release time: 2022-08-23 15:58:41

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeClientUploadAccelerationUsageData

Modified data structures:

- MediaClassInfo
  - New members:Name
- PlayerConfig
  - New members:AudioVideoType, TranscodeDefinition
- SubAppIdInfo
  - New members:SubAppIdName
- VideoTemplateInfo
  - New members:PreserveHDRSwitch
- VideoTemplateInfoForUpdate

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- New members:PreserveHDRSwitch

Release 26

Release time: 2022-07-08 10:27:35

Release updates:

Improvement to existing documentation.

New APIs:

- RefreshUrlCache
- RestoreMedia

Deleted APIs:

- ProcessImage
- ReviewImage

Modified APIs:

- DescribeStorageData
  - New output parameters:ArchiveStorage, DeepArchiveStorage

New data structures:

- TraceWatermarkInput

Deleted data structures:

- ContentReviewOcrResult
- ContentReviewResult
- ImageContentReviewInput
- PoliticalImageResult
- PornImageResult
- TerrorismImageResult

Modified data structures:

- AdaptiveDynamicStreamingTaskInput
  - New members:TraceWatermark
- TranscodeTaskInput

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- New members:TraceWatermark

Release 25

Release time: 2022-05-25 16:07:47

Release updates:

Improvement to existing documentation.

New data structures:

- FileDeleteResultItem

Modified data structures:

- FileDeleteTask
  - New members:FileDeleteResultInfo

Release 24

Release time: 2022-05-19 16:02:48

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeImageReviewUsageData
- DescribeLicenseUsageData
- ReviewImage

New data structures:

- ImageReviewUsageDataItem
- LicenseUsageDataItem

Release 23

Release time: 2022-05-05 15:40:01

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Release updates:

Improvement to existing documentation.

Modified data structures:

- DrmStreamingsInfo
  - New members:WidevineDefinition, FairPlayDefinition
- DrmStreamingsInfoForUpdate
  - New members:WidevineDefinition, FairPlayDefinition

Release 22

Release time: 2022-04-20 14:38:08

Release updates:

Improvement to existing documentation.

New APIs:

- CreateStorageRegion
- DescribeStorageRegions
- ModifyDefaultStorageRegion

New data structures:

- StorageRegionInfo

Release 21

Release time: 2022-04-12 15:27:18

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeMediaPlayStatDetails
- ProcessImage

Deleted APIs:

- EditMedia
- WeChatMiniProgramPublish

New data structures:

- ContentReviewOcrResult
- ContentReviewResult
- ImageContentReviewInput
- PlayStatInfo
- PoliticalImageResult
- PornImageResult
- TerrorismImageResult

Deleted data structures:

- EditMediaOutputConfig

Release 20

Release time: 2022-03-24 11:45:00

Release updates:

Improvement to existing documentation.

New APIs:

- ModifyMediaStorageClass

Modified data structures:

- AdaptiveStreamTemplate
  - New members:TEHDConfig

Release 19

Release time: 2022-02-25 11:35:26

Release updates:

Improvement to existing documentation.

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Modified APIs:

- CreateSuperPlayerConfig
  - New input parameters:AudioVideoType, TranscodeDefinition
- ModifySuperPlayerConfig
  - New input parameters:AudioVideoType, TranscodeDefinition

Release 18

Release time: 2022-02-11 16:57:03

Release updates:

Improvement to existing documentation.

Modified data structures:

- AdaptiveDynamicStreamingInfoItem
  - New members:Size

Release 17

Release time: 2021-12-28 10:49:53

Release updates:

Improvement to existing documentation.

New data structures:

- RestoreMediaTask

Modified data structures:

- AiAnalysisTaskClassificationOutput
  - New members:ClassificationSetFileUrl, ClassificationSetFileUrlExpireTime
- AiAnalysisTaskCoverOutput
  - New members:CoverSetFileUrl, CoverSetFileUrlExpireTime
- AiAnalysisTaskFrameTagOutput
  - New members:SegmentSetFileUrl, SegmentSetFileUrlExpireTime
- AiAnalysisTaskHighlightOutput
  - New members:HighlightSetFileUrl, HighlightSetFileUrlExpireTime

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- AiAnalysisTaskTagOutput
  - New members:TagSetFileUrl, TagSetFileUrlExpireTime
- AiReviewPoliticalAsrTaskOutput
  - New members:SegmentSetFileUrl, SegmentSetFileUrlExpireTime
- AiReviewPoliticalOcrTaskOutput
  - New members:SegmentSetFileUrl, SegmentSetFileUrlExpireTime
- AiReviewPoliticalTaskOutput
  - New members:SegmentSetFileUrl, SegmentSetFileUrlExpireTime
- AiReviewPornAsrTaskOutput
  - New members:SegmentSetFileUrl, SegmentSetFileUrlExpireTime
- AiReviewPornOcrTaskOutput
  - New members:SegmentSetFileUrl, SegmentSetFileUrlExpireTime
- AiReviewPornTaskOutput
  - New members:SegmentSetFileUrl, SegmentSetFileUrlExpireTime
- AiReviewProhibitedAsrTaskOutput
  - New members:SegmentSetFileUrl, SegmentSetFileUrlExpireTime
- AiReviewProhibitedOcrTaskOutput
  - New members:SegmentSetFileUrl, SegmentSetFileUrlExpireTime
- AiReviewTerrorismOcrTaskOutput
  - New members:SegmentSetFileUrl, SegmentSetFileUrlExpireTime
- AiReviewTerrorismTaskOutput
  - New members:SegmentSetFileUrl, SegmentSetFileUrlExpireTime
- EventContent
  - New members:RestoreMediaCompleteEvent

Release 16

Release time: 2021-11-09 10:51:19

Release updates:

Improvement to existing documentation.

Modified data structures:

- ComposeMediaTask
  - New members:Progress
- EditMediaTask
  - New members:Progress

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Release 15

Release time: 2021-10-12 16:53:58

Release updates:

Improvement to existing documentation.

New APIs:

- CreateVodDomain
- DeleteVodDomain
- ModifyVodDomainAccelerateConfig
- ModifyVodDomainConfig

Modified data structures:

- UrlSignatureAuthPolicy
  - **Modified members:** EncryptedKey

Release 14

Release time: 2021-08-23 17:25:48

Release updates:

Improvement to existing documentation.

Modified APIs:

- SearchMedia
  - New input parameters:ExpireTime, StorageClasses

Modified data structures:

- AiRecognitionTaskAsrFullTextResultOutput
  - New members:SegmentSetFileUrl, SegmentSetFileUrlExpireTime
- AiRecognitionTaskAsrWordsResultOutput
  - New members:ResultSetFileUrl, ResultSetFileUrlExpireTime
- AiRecognitionTaskFaceResultOutput
  - New members:ResultSetFileUrl, ResultSetFileUrlExpireTime
- AiRecognitionTaskObjectResultOutput
  - New members:ResultSetFileUrl, ResultSetFileUrlExpireTime

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- AiRecognitionTaskOcrFullTextResultOutput
  - New members:SegmentSetFileUrl, SegmentSetFileUrlExpireTime
- AiRecognitionTaskOcrWordsResultOutput
  - New members:ResultSetFileUrl, ResultSetFileUrlExpireTime
- AiRecognitionTaskSegmentResultOutput
  - New members:SegmentSetFileUrl, SegmentSetFileUrlExpireTime
- MediaProcessTaskTranscodeResult
  - New members:BeginProcessTime, FinishTime

Release 13

Release time: 2021-08-06 15:01:45

Release updates:

Improvement to existing documentation.

Modified data structures:

- EditMediaTask
  - New members:ErrCodeExt

Release 12

Release time: 2021-06-15 19:02:25

Release updates:

Improvement to existing documentation.

Modified data structures:

- StorageStatData
  - New members:ArchiveStorage, DeepArchiveStorage

Release 11

Release time: 2021-06-04 11:24:47

Release updates:

Improvement to existing documentation.

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New data structures:

- HeadTailTaskInput

Modified data structures:

- TranscodeTaskInput
  - New members:HeadTailSet

Release 10

Release time: 2021-05-21 11:25:11

Release updates:

Improvement to existing documentation.

Modified APIs:

- AttachMediaSubtitles
  - New input parameters:SubAppId
- DescribeTasks
  - New input parameters:CreateTime, FinishTime, Sort
  - **Modified input parameters:** Status

Modified data structures:

- TaskSimpleInfo
  - New members:Status, FileId

Release 9

Release time: 2021-05-10 15:04:07

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeVodDomains

New data structures:

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- AccelerateAreaInfo
- DomainDetailInfo
- DomainHTTPSConfig
- MediaSubtitleInfo
- RefererAuthPolicy
- UrlSignatureAuthPolicy

Modified data structures:

- AdaptiveDynamicStreamingTaskInput
  - New members:SubtitleSet
- MediaBasicInfo
  - New members:StorageClass
- MediaInfo
  - New members:SubtitleInfo

Release 8

Release time: 2021-04-20 10:59:12

Release updates:

Improvement to existing documentation.

New APIs:

- AttachMediaSubtitles

Modified APIs:

- ModifyMediaInfo
  - New input parameters:AddSubtitles, DeleteSubtitleIds, ClearSubtitles
  - New output parameters:AddedSubtitleSet
- SearchMedia
  - New input parameters:StorageRegions

New data structures:

- MediaSubtitleInput
- MediaSubtitleItem

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Release 7

Release time: 2021-04-07 19:59:13

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeCdnLogs
  - New input parameters:Limit, Offset
  - New output parameters:TotalCount

Modified data structures:

- CdnLogInfo
  - New members:StartTime, EndTime

Release 6

Release time: 2021-03-24 15:51:32

Release updates:

Improvement to existing documentation.

Modified data structures:

- ComposeMediaTask
  - New members:MetaData, SessionContext, SessionId
- EditMediaTask
  - New members:MetaData
- PullUploadTask
  - New members:MetaData

Release 5

Release time: 2021-01-21 11:38:47

Release updates:

Improvement to existing documentation.

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New APIs:

- DescribeCDNStatDetails
- DescribeDailyPlayStatFileList
- ManageTask

Modified APIs:

- DescribeStorageData
  - New output parameters:StorageStat
- DescribeStorageDetails
  - New input parameters:Area
- DescribeSubAppIds
  - New input parameters:Name
  - New output parameters:TotalCount
- DescribeTaskDetail
  - New output parameters:SplitMediaTask
- SimpleHlsClip
  - New input parameters:IsPersistence
  - New output parameters:FileId

New data structures:

- PlayStatFileInfo
- SplitMediaOutputConfig
- SplitMediaTask
- SplitMediaTaskInput
- SplitMediaTaskSegmentInfo
- StorageStatData
- TaskOutputMediaInfo

Modified data structures:

- AiAnalysisTaskClassificationResult
  - New members:ErrCodeExt
- AiAnalysisTaskCoverResult
  - New members:ErrCodeExt
- AiAnalysisTaskFrameTagResult
  - New members:ErrCodeExt
- AiAnalysisTaskHighlightResult

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- New members:ErrCodeExt
- AiAnalysisTaskTagResult
  - New members:ErrCodeExt
- AiRecognitionTaskAsrFullTextResult
  - New members:ErrCodeExt
- AiRecognitionTaskAsrWordsResult
  - New members:ErrCodeExt
- AiRecognitionTaskFaceResult
  - New members:ErrCodeExt
- AiRecognitionTaskHeadTailResult
  - New members:ErrCodeExt
- AiRecognitionTaskObjectResult
  - New members:ErrCodeExt
- AiRecognitionTaskOcrFullTextResult
  - New members:ErrCodeExt
- AiRecognitionTaskOcrWordsResult
  - New members:ErrCodeExt
- AiRecognitionTaskSegmentResult
  - New members:ErrCodeExt
- AiReviewTaskPoliticalAsrResult
  - New members:ErrCodeExt
- AiReviewTaskPoliticalOcrResult
  - New members:ErrCodeExt
- AiReviewTaskPoliticalResult
  - New members:ErrCodeExt
- AiReviewTaskPornAsrResult
  - New members:ErrCodeExt
- AiReviewTaskPornOcrResult
  - New members:ErrCodeExt
- AiReviewTaskPornResult
  - New members:ErrCodeExt
- AiReviewTaskProhibitedAsrResult
  - New members:ErrCodeExt
- AiReviewTaskProhibitedOcrResult
  - New members:ErrCodeExt
- AiReviewTaskTerrorismOcrResult
  - New members:ErrCodeExt
- AiReviewTaskTerrorismResult

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  - New members:ErrCodeExt
- EventContent
  - New members:SplitMediaCompleteEvent
- ImageWatermarkInput
  - New members:RepeatType
- ImageWatermarkInputForUpdate
  - New members:RepeatType
- ImageWatermarkTemplate
  - New members:RepeatType
- MediaProcessTaskAdaptiveDynamicStreamingResult
  - New members:ErrCodeExt
- MediaProcessTaskAnimatedGraphicResult
  - New members:ErrCodeExt
- MediaProcessTaskCoverBySnapshotResult
  - New members:ErrCodeExt
- MediaProcessTaskImageSpriteResult
  - New members:ErrCodeExt
- MediaProcessTaskSampleSnapshotResult
  - New members:ErrCodeExt
- MediaProcessTaskSnapshotByTimeOffsetResult
  - New members:ErrCodeExt
- MediaProcessTaskTranscodeResult
  - New members:ErrCodeExt, Progress

Release 4

Release time: 2020-12-23 15:34:21

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeSubAppIds
  - New input parameters:Limit, Offset

Modified data structures:

- VideoTemplateInfo

  - New members:Gop
- VideoTemplateInfoForUpdate
  - New members:Gop

Release 3

Release time: 2020-11-24 18:51:15

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeSubAppIds
  - New input parameters:Tags
- EditMedia
  - New input parameters:ExtInfo

New data structures:

- ResourceTag

Modified data structures:

- AdaptiveStreamTemplate
  - New members:RemoveVideo
- TranscodeTaskInput
  - New members:StartTimeOffset, EndTimeOffset
- VideoTemplateInfo
  - New members:Vcrf
- VideoTemplateInfoForUpdate
  - New members:Vcrf

Release 2

Release time: 2020-09-10 17:12:07

Release updates:

Improvement to existing documentation.

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New APIs:

- DescribeCdnLogs

Modified APIs:

- SearchMedia
  - New input parameters:StreamIds, Vids, SourceTypes, CreateTime, FileIds, Names, NamePrefixes, Descriptions, Filters

New data structures:

- CdnLogInfo
- TimeRange

Modified data structures:

- MediaAiAnalysisFrameTagItem
  - New members:CategorySet

Existing Release

Release time: 2020-07-24 14:22:56

Existing APIs/data structures are as follows:

Improvement to existing documentation.

Existing APIs:

- ApplyUpload
- CommitUpload
- ComposeMedia
- ConfirmEvents
- CreateAIAnalysisTemplate
- CreateAIRecognitionTemplate
- CreateAdaptiveDynamicStreamingTemplate
- CreateAnimatedGraphicsTemplate
- CreateClass
- CreateContentReviewTemplate
- CreateImageSpriteTemplate
- CreatePersonSample

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- CreateProcedureTemplate
- CreateSampleSnapshotTemplate
- CreateSnapshotByTimeOffsetTemplate
- CreateSubAppId
- CreateSuperPlayerConfig
- CreateTranscodeTemplate
- CreateWatermarkTemplate
- CreateWordSamples
- DeleteAIAnalysisTemplate
- DeleteAIRecognitionTemplate
- DeleteAdaptiveDynamicStreamingTemplate
- DeleteAnimatedGraphicsTemplate
- DeleteClass
- DeleteContentReviewTemplate
- DeleteImageSpriteTemplate
- DeleteMedia
- DeletePersonSample
- DeleteProcedureTemplate
- DeleteSampleSnapshotTemplate
- DeleteSnapshotByTimeOffsetTemplate
- DeleteSuperPlayerConfig
- DeleteTranscodeTemplate
- DeleteWatermarkTemplate
- DeleteWordSamples
- DescribeAIAnalysisTemplates
- DescribeAIRecognitionTemplates
- DescribeAdaptiveDynamicStreamingTemplates
- DescribeAllClass
- DescribeAnimatedGraphicsTemplates
- DescribeCDNUsageData
- DescribeContentReviewTemplates
- DescribeImageSpriteTemplates
- DescribeMediaInfos
- DescribeMediaProcessUsageData
- DescribePersonSamples
- DescribeProcedureTemplates
- DescribeReviewDetails
- DescribeSampleSnapshotTemplates

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- DescribeSnapshotByTimeOffsetTemplates
- DescribeStorageData
- DescribeStorageDetails
- DescribeSubAppIds
- DescribeSuperPlayerConfigs
- DescribeTaskDetail
- DescribeTasks
- DescribeTranscodeTemplates
- DescribeWatermarkTemplates
- DescribeWordSamples
- EditMedia
- ExecuteFunction
- ForbidMediaDistribution
- LiveRealTimeClip
- ModifyAIAnalysisTemplate
- ModifyAIRecognitionTemplate
- ModifyAdaptiveDynamicStreamingTemplate
- ModifyAnimatedGraphicsTemplate
- ModifyClass
- ModifyContentReviewTemplate
- ModifyImageSpriteTemplate
- ModifyMediaInfo
- ModifyPersonSample
- ModifySampleSnapshotTemplate
- ModifySnapshotByTimeOffsetTemplate
- ModifySubAppIdInfo
- ModifySubAppIdStatus
- ModifySuperPlayerConfig
- ModifyTranscodeTemplate
- ModifyWatermarkTemplate
- ModifyWordSample
- ParseStreamingManifest
- ProcessMedia
- ProcessMediaByProcedure
- ProcessMediaByUrl
- PullEvents
- PullUpload
- PushUrlCache

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- ResetProcedureTemplate
- SearchMedia
- SimpleHlsClip
- WeChatMiniProgramPublish

Existing data structures:

- AIAnalysisTemplateItem
- AIRecognitionTemplateItem
- AdaptiveDynamicStreamingInfoItem
- AdaptiveDynamicStreamingTaskInput
- AdaptiveDynamicStreamingTemplate
- AdaptiveStreamTemplate
- AiAnalysisResult
- AiAnalysisTaskClassificationInput
- AiAnalysisTaskClassificationOutput
- AiAnalysisTaskClassificationResult
- AiAnalysisTaskCoverInput
- AiAnalysisTaskCoverOutput
- AiAnalysisTaskCoverResult
- AiAnalysisTaskFrameTagInput
- AiAnalysisTaskFrameTagOutput
- AiAnalysisTaskFrameTagResult
- AiAnalysisTaskHighlightInput
- AiAnalysisTaskHighlightOutput
- AiAnalysisTaskHighlightResult
- AiAnalysisTaskInput
- AiAnalysisTaskTagInput
- AiAnalysisTaskTagOutput
- AiAnalysisTaskTagResult
- AiContentReviewResult
- AiContentReviewTaskInput
- AiRecognitionResult
- AiRecognitionTaskAsrFullTextResult
- AiRecognitionTaskAsrFullTextResultInput
- AiRecognitionTaskAsrFullTextResultOutput
- AiRecognitionTaskAsrFullTextSegmentItem
- AiRecognitionTaskAsrWordsResult

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- AiRecognitionTaskAsrWordsResultInput
- AiRecognitionTaskAsrWordsResultItem
- AiRecognitionTaskAsrWordsResultOutput
- AiRecognitionTaskAsrWordsSegmentItem
- AiRecognitionTaskFaceResult
- AiRecognitionTaskFaceResultInput
- AiRecognitionTaskFaceResultItem
- AiRecognitionTaskFaceResultOutput
- AiRecognitionTaskFaceSegmentItem
- AiRecognitionTaskHeadTailResult
- AiRecognitionTaskHeadTailResultInput
- AiRecognitionTaskHeadTailResultOutput
- AiRecognitionTaskInput
- AiRecognitionTaskObjectResult
- AiRecognitionTaskObjectResultInput
- AiRecognitionTaskObjectResultItem
- AiRecognitionTaskObjectResultOutput
- AiRecognitionTaskObjectSeqmentItem
- AiRecognitionTaskOcrFullTextResult
- AiRecognitionTaskOcrFullTextResultInput
- AiRecognitionTaskOcrFullTextResultOutput
- AiRecognitionTaskOcrFullTextSegmentItem
- AiRecognitionTaskOcrFullTextSegmentTextItem
- AiRecognitionTaskOcrWordsResult
- AiRecognitionTaskOcrWordsResultInput
- AiRecognitionTaskOcrWordsResultItem
- AiRecognitionTaskOcrWordsResultOutput
- AiRecognitionTaskOcrWordsSegmentItem
- AiRecognitionTaskSegmentResult
- AiRecognitionTaskSegmentResultInput
- AiRecognitionTaskSegmentResultOutput
- AiRecognitionTaskSegmentSegmentItem
- AiReviewPoliticalAsrTaskInput
- AiReviewPoliticalAsrTaskOutput
- AiReviewPoliticalOcrTaskInput
- AiReviewPoliticalOcrTaskOutput
- AiReviewPoliticalTaskInput
- AiReviewPoliticalTaskOutput

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- AiReviewPornAsrTaskInput
- AiReviewPornAsrTaskOutput
- AiReviewPornOcrTaskInput
- AiReviewPornOcrTaskOutput
- AiReviewPornTaskInput
- AiReviewPornTaskOutput
- AiReviewProhibitedAsrTaskInput
- AiReviewProhibitedAsrTaskOutput
- AiReviewProhibitedOcrTaskInput
- AiReviewProhibitedOcrTaskOutput
- AiReviewTaskPoliticalAsrResult
- AiReviewTaskPoliticalOcrResult
- AiReviewTaskPoliticalResult
- AiReviewTaskPornAsrResult
- AiReviewTaskPornOcrResult
- AiReviewTaskPornResult
- AiReviewTaskProhibitedAsrResult
- AiReviewTaskProhibitedOcrResult
- AiReviewTaskTerrorismOcrResult
- AiReviewTaskTerrorismResult
- AiReviewTerrorismOcrTaskInput
- AiReviewTerrorismOcrTaskOutput
- AiReviewTerrorismTaskInput
- AiReviewTerrorismTaskOutput
- AiSampleFaceInfo
- AiSampleFaceOperation
- AiSampleFailFaceInfo
- AiSamplePerson
- AiSampleTagOperation
- AiSampleWord
- AiSampleWordInfo
- AnimatedGraphicTaskInput
- AnimatedGraphicsTemplate
- AsrFullTextConfigureInfo
- AsrFullTextConfigureInfoForUpdate
- AsrWordsConfigureInfo
- AsrWordsConfigureInfoForUpdate
- AudioTemplateInfo

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- AudioTemplateInfoForUpdate
- AudioTrackItem
- AudioTransform
- AudioVolumeParam
- Canvas
- ClassificationConfigureInfo
- ClassificationConfigureInfoForUpdate
- ClipFileInfo2017
- ClipTask2017
- ComposeMediaOutput
- ComposeMediaTask
- ComposeMediaTaskInput
- ComposeMediaTaskOutput
- ConcatFileInfo2017
- ConcatTask2017
- ContentReviewTemplateItem
- CoverBySnapshotTaskInput
- CoverBySnapshotTaskOutput
- CoverConfigureInfo
- CoverConfigureInfoForUpdate
- CreateImageSpriteTask2017
- DrmStreamingsInfo
- DrmStreamingsInfoForUpdate
- EditMediaFileInfo
- EditMediaOutputConfig
- EditMediaStreamInfo
- EditMediaTask
- EditMediaTaskInput
- EditMediaTaskOutput
- EmptyTrackItem
- EventContent
- FaceConfigureInfo
- FaceConfigureInfoForUpdate
- FileDeleteTask
- FileUploadTask
- FrameTagConfigureInfo
- FrameTagConfigureInfoForUpdate
- HeadTailConfigureInfo

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- HeadTailConfigureInfoForUpdate
- HighlightSegmentItem
- HighlightsConfigureInfo
- HighlightsConfigureInfoForUpdate
- ImageSpriteTaskInput
- ImageSpriteTemplate
- ImageTransform
- ImageWatermarkInput
- ImageWatermarkInputForUpdate
- ImageWatermarkTemplate
- MediaAdaptiveDynamicStreamingInfo
- MediaAiAnalysisClassificationItem
- MediaAiAnalysisCoverItem
- MediaAiAnalysisFrameTagItem
- MediaAiAnalysisFrameTagSegmentItem
- MediaAiAnalysisHighlightItem
- MediaAiAnalysisTagItem
- MediaAnimatedGraphicsInfo
- MediaAnimatedGraphicsItem
- MediaAudioStreamItem
- MediaBasicInfo
- MediaClassInfo
- MediaContentReviewAsrTextSegmentItem
- MediaContentReviewOcrTextSegmentItem
- MediaContentReviewPoliticalSegmentItem
- MediaContentReviewSegmentItem
- MediaDeleteItem
- MediaImageSpriteInfo
- MediaImageSpriteItem
- MediaInfo
- MediaInputInfo
- MediaKeyFrameDescInfo
- MediaKeyFrameDescItem
- MediaMetaData
- MediaMiniProgramReviewElem
- MediaMiniProgramReviewInfo
- MediaMiniProgramReviewInfoItem
- MediaOutputInfo

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- MediaProcessTaskAdaptiveDynamicStreamingResult
- MediaProcessTaskAnimatedGraphicResult
- MediaProcessTaskCoverBySnapshotResult
- MediaProcessTaskImageSpriteResult
- MediaProcessTaskInput
- MediaProcessTaskResult
- MediaProcessTaskSampleSnapshotResult
- MediaProcessTaskSnapshotByTimeOffsetResult
- MediaProcessTaskTranscodeResult
- MediaSampleSnapshotInfo
- MediaSampleSnapshotItem
- MediaSnapshotByTimeOffsetInfo
- MediaSnapshotByTimeOffsetItem
- MediaSnapshotByTimePicInfoItem
- MediaSourceData
- MediaTrack
- MediaTrackItem
- MediaTranscodeInfo
- MediaTranscodeItem
- MediaTransitionItem
- MediaVideoStreamItem
- MosaicInput
- ObjectConfigureInfo
- ObjectConfigureInfoForUpdate
- OcrFullTextConfigureInfo
- OcrFullTextConfigureInfoForUpdate
- OcrWordsConfigureInfo
- OcrWordsConfigureInfoForUpdate
- OutputAudioStream
- OutputVideoStream
- PlayerConfig
- PoliticalAsrReviewTemplateInfo
- PoliticalAsrReviewTemplateInfoForUpdate
- PoliticalConfigureInfo
- PoliticalConfigureInfoForUpdate
- PoliticalImgReviewTemplateInfo
- PoliticalImgReviewTemplateInfoForUpdate
- PoliticalOcrReviewTemplateInfo

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- PoliticalOcrReviewTemplateInfoForUpdate
- PornAsrReviewTemplateInfo
- PornAsrReviewTemplateInfoForUpdate
- PornConfigureInfo
- PornConfigureInfoForUpdate
- PornImgReviewTemplateInfo
- PornImgReviewTemplateInfoForUpdate
- PornOcrReviewTemplateInfo
- PornOcrReviewTemplateInfoForUpdate
- ProcedureTask
- ProcedureTemplate
- ProhibitedAsrReviewTemplateInfo
- ProhibitedAsrReviewTemplateInfoForUpdate
- ProhibitedConfigureInfo
- ProhibitedConfigureInfoForUpdate
- ProhibitedOcrReviewTemplateInfo
- ProhibitedOcrReviewTemplateInfoForUpdate
- PullUploadTask
- ResolutionNameInfo
- SampleSnapshotTaskInput
- SampleSnapshotTemplate
- SegmentConfigureInfo
- SegmentConfigureInfoForUpdate
- SnapshotByTimeOffset2017
- SnapshotByTimeOffsetTask2017
- SnapshotByTimeOffsetTaskInput
- SnapshotByTimeOffsetTemplate
- SortBy
- SpecificationDataItem
- StatDataItem
- StickerTrackItem
- SubAppIdInfo
- SvgWatermarkInput
- SvgWatermarkInputForUpdate
- TEHDConfig
- TEHDConfigForUpdate
- TagConfigureInfo
- TagConfigureInfoForUpdate

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- TaskSimpleInfo
- TaskStatData
- TaskStatDataItem
- TempCertificate
- TerrorismConfigureInfo
- TerrorismConfigureInfoForUpdate
- TerrorismImgReviewTemplateInfo
- TerrorismImgReviewTemplateInfoForUpdate
- TerrorismOcrReviewTemplateInfo
- TerrorismOcrReviewTemplateInfoForUpdate
- TextWatermarkTemplateInput
- TextWatermarkTemplateInputForUpdate
- TranscodePlayInfo2017
- TranscodeTask2017
- TranscodeTaskInput
- TranscodeTemplate
- TransitionOpertion
- UserDefineAsrTextReviewTemplateInfo
- UserDefineAsrTextReviewTemplateInfoForUpdate
- UserDefineConfigureInfo
- UserDefineConfigureInfoForUpdate
- UserDefineFaceReviewTemplateInfo
- UserDefineFaceReviewTemplateInfoForUpdate
- UserDefineOcrTextReviewTemplateInfo
- UserDefineOcrTextReviewTemplateInfoForUpdate
- VideoTemplateInfo
- VideoTemplateInfoForUpdate
- VideoTrackItem
- WatermarkCycleConfigForUpdate
- WatermarkInput
- WatermarkTemplate
- WechatMiniProgramPublishTask
- WechatMiniProgramPublishTaskInput
- WechatPublishTask

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History

Last updated：2025-06-30 15:39:08

Existing Release

Release time: 2025-06-30 15:38:45

Existing APIs/data structures are as follows:

Improvement to existing documentation.

Existing APIs:

- CreateIncrementalMigrationStrategy
- CreateStorage
- CreateStorageCredentials
- DeleteIncrementalMigrationStrategy
- DescribeIncrementalMigrationStrategyInfos
- DescribeStorage
- ModifyIncrementalMigrationStrategy

Existing data structures:

- Credentials
- Filter
- IncrementalMigrationHttpEndpointInfo
- IncrementalMigrationHttpHeader
- IncrementalMigrationHttpHeaderInfo
- IncrementalMigrationHttpOriginCondition
- IncrementalMigrationHttpOriginConfig
- IncrementalMigrationHttpOriginInfo
- IncrementalMigrationHttpOriginParameter
- IncrementalMigrationOriginFileInfo
- IncrementalMigrationOriginFixedFileConfig
- IncrementalMigrationOriginPrefixConfig
- IncrementalMigrationOriginSuffixConfig
- IncrementalMigrationStrategyInfo
- SortBy
- StorageInfo

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Introduction

Last updated：2024-03-27 16:08:58

Welcome to Tencent Cloud VOD(Video On Demand).

Tencent Cloud VOD service is based on Tencent's years of technology accumulation and infrastructure construction. It provides customers with audio and video application-related needs, including audio and video storage management, audio and video transcoding processing, audio and video accelerated playback, audio and video encryption, audio and video One-stop solution for video AI capabilities, You can go to API Category for details.

Please make sure you fully understand Tencent Cloud VOD Overview before using these interfaces. Fees will be incurred after calling the interfaces. For specific charges, please refer to Purchase Guide.

⚠ Note：

Note:

- If you have started using Tencent Cloud VOD API, it means that you have read and agreed to "Tencent Cloud Service Agreement" and "Tencent Cloud VOD Service Level Agreement".

Glossary

Some common terms covered in this document are as follows:

Name	Description
appid	When developers access VOD services The user-dimensional unique resource ID owned by the resource is used to identify the resource.
secretid	The project identification ID owned by the developer, used for identity authentication.
secretkey	The project identity key owned by the developer.
fileid	The media file ID corresponding to the audio and video in VOD.
taskid	The task ID of the video processing task.

Quick Start

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To use Tencent Cloud VOD API, you need to perform the following steps:

1. In Tencent Cloud [VOD Console] (https://console.intl.cloud.tencent.com/vod/overview) to activate Tencent Cloud VOD service.
2. Obtain the appid, secretid, and secretkey contents from the Cloud API Key page in the access management console.
3. Call the API to perform operations.

Introduction

Last updated：2025-06-30 15:38:59

Welcome to Tencent Cloud VOD(Video On Demand).

Tencent Cloud VOD service is based on Tencent's years of technology accumulation and infrastructure construction. It provides customers with audio and video application-related needs, including audio and video storage management, audio and video transcoding processing, audio and video accelerated playback, audio and video encryption, audio and video One-stop solution for video AI capabilities, You can go to API Category for details.

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3. Call the API to perform operations.

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API Category

Last updated：2025-04-24 16:46:35

Other APIs

API Name	Feature	Frequency Limit (maximum requests per second)
AttachMediaSubtitles	Associates subtitles with a media file	20
CreateSubAppId	Creates subapplication	20
ExecuteFunction	Runs a custom API	100
LiveRealTimeClip	Clips a live streaming	100
ModifySubAppIdInfo	Modifies subapplication information	100
ModifySubAppIdStatus	Changes subapplication status	100
SimpleHlsClip	Performs simple HLS clipping	100
DescribeSubAppIds	Queries the list of subapplications	100
FastEditMedia	FastEditMedia	20
ExtractTraceWatermark	Extracts the user ID of a user that distributed a video containing a digital watermark	20
ExtractCopyRightWatermark	Extract CopyRight Watermark	20

Media processing related API

API Name	Feature	Frequenc Limit (maximu requests per second)
ProcessMediaByProcedure	Processes a video with a task flow template	100

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EditMedia	Edit Media	100
ComposeMedia	Composes a video	100
RemoveWatermark	Removes watermarks from a video	20
SplitMedia	Split Media	20
ProcessMedia	Process Media	200
ReviewAudioVideo	Starts a moderation task	20
DescribeFileAttributes	Gets file attributes	20
EnhanceMediaQuality	Remaster	20
InspectMediaQuality	Media quality inspection template	20
CreateComplexAdaptiveDynamicStreamingTask	CreateComplexAdaptiveDynamicStreamingTask	20

AI-Based Image Processing APIs

API Name	Feature	Frequency Limit (maximum requests per second)
ReviewImage	Moderates an image	20

Parameter Template APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateWatermarkTemplate	Creates a watermarking template	100
CreateSnapshotByTimeOffsetTemplate	Creates a time point screencapturing template	100
CreateSampleSnapshotTemplate	Creates a sampled screencapturing template	100
CreateImageSpriteTemplate	Creates an image sprite generating template	100

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CreateAnimatedGraphicsTemplate	Creates an animated image generating template	100
CreateAdaptiveDynamicStreamingTemplate	Creates adaptive bitrate streaming template	20
CreateAIAnalysisTemplate	Creates a video content analysis template	10
ModifyWatermarkTemplate	Modifies a watermarking template	100
ModifySnapshotByTimeOffsetTemplate	Modifies a time point screencapturing template	100
ModifySampleSnapshotTemplate	Modifies a sampled screencapturing template	100
ModifyImageSpriteTemplate	Modifies an image sprite generating template	100
ModifyAnimatedGraphicsTemplate	Modifies an animated image generating template	100
ModifyAdaptiveDynamicStreamingTemplate	Modifies adaptive bitrate streaming template	20
ModifyAIRecognitionTemplate	Modifies video content recognition template	10
ModifyAIAnalysisTemplate	Modifies a video content analysis template	10
DescribeTranscodeTemplates	Gets the list of transcoding templates	100
DescribeWatermarkTemplates	Gets the list of watermarking templates	100
DescribeSnapshotByTimeOffsetTemplates	Gets the list of time point screencapturing templates	100
DescribeSampleSnapshotTemplates	Gets the list of sampled screencapturing templates	100
DescribeImageSpriteTemplates	Gets the list of image sprite generating templates	100

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DescribeAnimatedGraphicsTemplates	Gets the list of animated image generating templates	100
DescribeAdaptiveDynamicStreamingTemplates	Gets the list of transcoding to adaptive bitrate streaming templates	100
DescribeAIRecognitionTemplates	Gets the list of video content recognition templates	10
DescribeAIAnalysisTemplates	Gets the list of video content analysis templates	10
DeleteTranscodeTemplate	Deletes transcoding template	100
DeleteWatermarkTemplate	Deletes a watermarking template	100
DeleteSnapshotByTimeOffsetTemplate	Deletes a specified time point screencapturing template	100
DeleteSampleSnapshotTemplate	Deletes a sampled screencapturing template	100
DeleteImageSpriteTemplate	Deletes an image sprite generating template	100
DeleteAnimatedGraphicsTemplate	Deletes an animated image generating template	100
DeleteAdaptiveDynamicStreamingTemplate	Deletes adaptive bitrate streaming template	20
DeleteReviewTemplate	Deletes a moderation template	20
DeleteAIRecognitionTemplate	Deletes a video content recognition template	10
DeleteAIAnalysisTemplate	Deletes a video content analysis template	10
DeleteHeadTailTemplate	Delete HeadTail Template	20
DeleteImageProcessingTemplate	Deletes an image processing template	20
DescribeReviewTemplates	Queries moderation templates	20
CreateReviewTemplate	Creates a moderation template	20

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CreateTranscodeTemplate	Creates a transcoding template	100
ModifyReviewTemplate	Modifies a moderation template	20
ModifyTranscodeTemplate	Modifies a transcoding template	100
CreateAIRecognitionTemplate	Creates video content recognition template	10
CreateHeadTailTemplate	Create HeadTail Template	20
CreateImageProcessingTemplate	Creates an image processing template	20
DescribeHeadTailTemplates	Describe HeadTail Templates	20
DescribeImageProcessingTemplates	Queries image processing templates	20
ModifyHeadTailTemplate	Modify HeadTail Template	20
CreateQualityInspectTemplate	Create media quality inspection template	20
DeleteQualityInspectTemplate	Delete media quality inspection template	20
DescribeQualityInspectTemplates	Get media quality inspection Template List	20
ModifyQualityInspectTemplate	Modifies media quality inspection template	20

Task Flow APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateProcedureTemplate	Creates a task flow template	100
DescribeProcedureTemplates	Gets the list of task flow templates	100
ResetProcedureTemplate	Resets a task flow	100

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DeleteProcedureTemplate	Deletes a task flow template	100

Task Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
ManageTask	Task management	20
DescribeTaskDetail	Queries task details	100
DescribeTasks	Gets task list	100

Media Upload APIs

API Name	Feature	Frequency Limit (maximum requests per second)
ApplyUpload	Applies for upload	100
CommitUpload	Confirms upload	100
ParseStreamingManifest	Parses video index file	20
PullUpload	Pulls a video	100

Media Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DeleteMedia	Deletes media file	100
ForbidMediaDistribution	Forbids a media file	20
ModifyMediaInfo	Modifies media file attribute	100
ModifyMediaStorageClass	Modifies the storage class of media files	20
RestoreMedia	Restores media files	20
DescribeMediaInfos	Gets media details	100

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SearchMedia	Searches for media information	100

Event Notification Relevant API

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeEventConfig	Describe Event Config	20
ModifyEventConfig	Modify Event Config	20
ConfirmEvents	Confirms event notifications	100
PullEvents	Pulls event notifications	100

Media Categorization APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateClass	Creates category	100
DeleteClass	Deletes category	100
DescribeAllClass	Gets all categories	100
ModifyClass	Modifies category	100

Domain Name Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateVodDomain	Adds an acceleration domain name to VOD	20
DeleteVodDomain	Deletes an acceleration domain name from VOD	20
DescribeCdnLogs	Queries CDN log download link list	20
DescribeVodDomains	Queries the list of VOD domain names	20

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ModifyVodDomainAccelerateConfig	Enables or disables the acceleration region of a domain names on VOD	20
SetVodDomainCertificate	Set Vod Domain Certificate	20
ModifyVodDomainConfig	Modifies domain name settings	20
CloneCDNDomain	Clone CDN Domain	20
CreateCDNDomain	Create CDN Domain	20
DeleteCDNDomain	Delete CDN Domain	20
DescribeCDNDomains	DescribeCDNDomains	20
ModifyCDNDomainConfig	Modify CDN Domain Config	20
StartCDNDomain	Start CDN Domain	20
CreateDomainVerifyRecord	Create Domain Verify Record	20
VerifyDomainRecord	Verify Domain Record	20

Distribution APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeDrmKeyProviderInfo	Queries DRM key information	20
PushUrlCache	Prefetches URLs	20
RefreshUrlCache	Purges URLs	5
SetDrmKeyProviderInfo	Configures DRM key information	20

AI-based Sample Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreatePersonSample	Creates samples	100

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CreateWordSamples	Creates keyword samples	100
DeletePersonSample	Deletes samples	100
DeleteWordSamples	Deletes keyword samples	100
DescribePersonSamples	Gets the list of samples	100
DescribeWordSamples	Gets keyword sample list	100
ModifyPersonSample	Modifies samples	100
ModifyWordSample	Modifies keyword sample	100

Region Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateStorageRegion	Enables storage in a region	20
DescribeStorageRegions	Queries storage regions	20
ModifyDefaultStorageRegion	Sets the default storage region	20

Statistics APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeCDNUsageData	Queries CDN usage data of VOD	100
DescribeClientUploadAccelerationUsageData	Queries the usage of client upload acceleration	20
DescribeDailyPlayStatFileList	Queries the download list of playback statistics files	20
DescribeImageReviewUsageData	Queries image recognition usage	20
DescribeLicenseUsageData	Queries playback license requests	20

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DescribeMediaPlayStatDetails	Queries the playback statistics of a media file at the specified granularity	20
DescribeReviewDetails	Queries intelligent content recognition details	20
DescribeStorageDetails	Queries storage capacity usage details	100
DescribeMediaProcessUsageData	Queries video processing usage statistics	20
DescribeStorageData	Queries current storage usage	20
DescribeCDNStatDetails	Queries CDN statistics of VOD domain names	20

Carousel-Related APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateRoundPlay	Creates a playlist	20
DeleteRoundPlay	Deletes a playlist	20
DescribeRoundPlays	Queries playlists	20
ModifyRoundPlay	Modifies a playlist	20
DescribeCurrentPlaylist	Query current play list	20
HandleCurrentPlaylist	Operate the current play lis	20

Just In Time Transcode APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateJustInTimeTranscodeTemplate	Create Just In Time Transcode Template	20
DescribeJustInTimeTranscodeTemplates	Describe Just In Time	20

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	Transcode Templates	

No longer recommended APIs

API Name	Feature	Frequency Limit (maximum requests per second)
RebuildMedia	Initiate rebuild media	20
EnhanceMediaByTemplate	Enhance Media By Template	20
CreateEnhanceMediaTemplate	Create Enhance Media Template	20
DeleteEnhanceMediaTemplate	Delete Enhance Media Template	20
ModifyEnhanceMediaTemplate	Modify Enhance Media Template	20
DescribeEnhanceMediaTemplates	Describe Enhance Media Templates	20
CreateContentReviewTemplate	Creates intelligent video content recognition templates	10
ModifyContentReviewTemplate	Modifies intelligent video content recognition templates	10
ProcessMediaByUrl	Processes a video at a specified URL	100
DescribeContentReviewTemplates	Gets intelligent video content recognition templates	10
DeleteContentReviewTemplate	Deletes intelligent video content recognition templates	10
CreateSuperPlayerConfig	Creates a player configuration	20
DescribeSuperPlayerConfigs	Queries player configurations	20
ModifySuperPlayerConfig	Modifies a player configuration	20
DeleteSuperPlayerConfig	Deletes a player configuration	20
CreateRebuildMediaTemplate	Create Rebuild Media Template	20
ModifyRebuildMediaTemplate	Modify Rebuild Media Template	20

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DescribeRebuildMediaTemplates	Describe Rebuild Media Templates	20
DeleteRebuildMediaTemplate	Delete Rebuild Media Template	20
RebuildMediaByTemplate	Rebuild Media By Template	20
ModifyJustInTimeTranscodeTemplate	Modify Just In Time Transcode Template	20
DeleteJustInTimeTranscodeTemplate	Delete Just In Time Transcode Template	20

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API Category

Last updated：2025-06-30 15:39:00

Upload APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateStorageCredentials	Create credentials for the storage of VOD application	20

Storage APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateStorage	CreateProSubAppStorage	20
DescribeStorage	DescribeStorage	20

Migration APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateIncrementalMigrationStrategy	CreateIncrementalMigrationStrategy	20
DeleteIncrementalMigrationStrategy	DeleteIncrementalMigrationStrategy	20
ModifyIncrementalMigrationStrategy	ModifyIncrementalMigrationStrategy	20
DescribeIncrementalMigrationStrategyInfos	DescribeIncrementalMigrationStrategyInfos	20

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Making API Requests
Request Structure

Last updated：2025-06-30 15:39:00

1. Service Address

The API supports access from either a nearby region (at vod.intl.tencentcloudapi.com) or a specified region (at vod.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 "vod.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)	vod.intl.tencentcloudapi.com
South China (Guangzhou)	vod.ap-guangzhou.tencentcloudapi.com
East China (Shanghai)	vod.ap-shanghai.tencentcloudapi.com
East China (Nanjing)	vod.ap-nanjing.tencentcloudapi.com
North China (Beijing)	vod.ap-beijing.tencentcloudapi.com
Southwest China (Chengdu)	vod.ap-chengdu.tencentcloudapi.com
Southwest China (Chongqing)	vod.ap-chongqing.tencentcloudapi.com
Hong Kong, Macao, Taiwan (Hong Kong, China)	vod.ap-hongkong.tencentcloudapi.com
Southeast Asia (Singapore)	vod.ap-singapore.tencentcloudapi.com

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Southeast Asia (Jakarta)	vod.ap-jakarta.tencentcloudapi.com
Southeast Asia (Bangkok)	vod.ap-bangkok.tencentcloudapi.com
Northeast Asia (Seoul)	vod.ap-seoul.tencentcloudapi.com
Northeast Asia (Tokyo)	vod.ap-tokyo.tencentcloudapi.com
U.S. East Coast (Virginia)	vod.na-ashburn.tencentcloudapi.com
U.S. West Coast (Silicon Valley)	vod.na-siliconvalley.tencentcloudapi.com
South America (São Paulo)	vod.sa-saopaulo.tencentcloudapi.com
Europe (Frankfurt)	vod.eu-frankfurt.tencentcloudapi.com

2. Communications Protocol

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

3. Request Methods

Supported HTTP request methods:

- POST (recommended)
- GET

The Content-Type types supported by POST requests:

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

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

4. Character Encoding

Only UTF-8 encoding is used.

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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 `Action` in the input parameters in r documentation. For example, the API for querying the CVM instance list i `DescribeInstances` .
X-TC-Region	String	Yes	Region parameter, which is used to identify the region to which the data y work with belongs. For values supported for an API, see the description c parameter `Region` in the input parameters in related API documentati parameter is not required for some APIs (which will be indicated in relate 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 for example, 1529223702. Note: If the difference between the UNIX times server time is greater than 5 minutes, a signature expiration error may oc
X-TC-Version	String	Yes	API version of the action. For the valid values, see the description of the c parameter `Version` in the API documentation. For example, the versi 2017-03-12.
Authorization	String	Yes	The HTTP authentication request header, for example: TC3-HMAC-SHA256 Credential=AKID*******/Date/service/tc3_request, SignedHeaders=content-type;host, Signature=fe5f80f77d5fa3beca038a248ff027d0445342fe2855ddc96317 Here: - TC3-HMAC-SHA256: Signature method, currently fixed as this value; - Credential: Signature credential; AKID******* is the SecretId; Date is a d time, and this value must match the value of X-TC-Timestamp (a commo

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			UTC time format; service is the name of the product/service, and is gener name prefix. For example, a domain name cvm.tencentcloudapi.com refe product and the value would be cvm; - SignedHeaders: The headers that contains the authentication informatic 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 tempor can obtain the temporary key and token by calling a CAM API. No token i a long-term key.

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

Example of an HTTP GET request structure:

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

Authorization: TC3-HMAC-SHA256 Credential=AKID********************************/20
18-10-09/cvm/tc3_request, SignedHeaders=content-type;host, Signature=5da7a33f6993
f0614b047e5df4582db9e9bf4672ba50567dba16c6ccf174c474
Content-Type: application/x-www-form-urlencoded
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1539084154
X-TC-Region: ap-guangzhou
```

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

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

Authorization: TC3-HMAC-SHA256 Credential=AKID********************************/20
18-05-30/cvm/tc3_request, SignedHeaders=content-type;host, Signature=582c400e06b5
924a6f2b5d7d672d79c15b13162d9279b0855cfba6789a8edb4c
Content-Type: application/json
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1527672334
X-TC-Region: ap-guangzhou

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

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

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

Authorization: TC3-HMAC-SHA256 Credential=AKID********************************/20
18-05-30/cvm/tc3_request, SignedHeaders=content-type;host, Signature=582c400e06b5
924a6f2b5d7d672d79c15b13162d9279b0855cfba6789a8edb4c
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 `Action` in the input parameters in related API documentation. For example, the API for querying the CVM instance list is `DescribeInstances`.
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 `Region` 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 `Timestamp` 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 `Version` 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=37ac2f4fde00b0ac9bd9eadeb459b1bbee224158d66e7ae5fcadb70b2d181d02&Region=ap-guangzhou&Nonce=23823223&SecretId=AKID********************************

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

Example of an HTTP POST request structure:

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

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

Action=DescribeInstances&Version=2017-03-12&SignatureMethod=HmacSHA256&Timestamp=
1527672334&Signature=37ac2f4fde00b0ac9bd9eadeb459b1bbee224158d66e7ae5fcadb70b2d18
1d02&Region=ap-guangzhou&Nonce=23823223&SecretId=AKID**************************
****
```

Region List

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

Region	Value
Southeast Asia (Singapore)	ap-singapore

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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,

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

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

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

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

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

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

The signature calculation process is explained in detail below.

1. Concatenating the CanonicalRequest String

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

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

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

Field Name	Explanation
HTTPRequestMethod	HTTP request method (GET or POST). This example uses `POST` .
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 st “” for POST requests, and is the string after the question mark (?) for GET requests. Fo example: Limit=10&Offset=0。 Note: `CanonicalQueryString` must be URL-encoded, referencing RFC3986, the UTF8 character set. We recommend using the programming language library. All speci characters must be encoded and capitalized.
CanonicalHeaders	Header information for signature calculation, including at least two headers of `host` `content-type` . Custom headers can be added to participate in the signature proce improve the uniqueness and security of the request. Concatenation rules: 1. Both the key and value of the header should be converted to lowercase with the lead and trailing spaces removed, so they are concatenated in the format of key:value\n format; 2. 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 `content-type:application/json; charset=utf-8\nhost:cvm.tencentcloudapi.com\n` . Note: `content-type` 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 sever 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 heac in CanonicalHeaders). `Content-type` and `host` are required headers. Concatenation rules: 1. Both the key and value of the header should be converted to lowercase; 2. 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 `content-type;host`
HashedRequestPayload	Hash value of the request payload (i.e., the body, such as `{"Limit": 1, "Filter`

	`[{"Values": ["unnamed"], "Name": "instance-name"}]` in this exampl The pseudocode for calculation is Lowercase(HexEncode(Hash.SHA256(RequestPayload))) by SHA256 hashing the pay of the HTTP request, performing hexadecimal encoding, and finally converting the enco string to lowercase letters. For GET requests, `RequestPayload` is always an empt string. The calculation result in this example is `99d58dfbc6745f6747f36bfca17dee5e6881dc0428a0a36f96199342bc5b49`

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

```
POST
/

content-type:application/json; charset=utf-8
host:cvm.tencentcloudapi.com

content-type;host
99d58dfbc6745f6747f36bfca17dee5e6881dc0428a0a36f96199342bc5b4907
```

2. Concatenating the String to Be Signed

The string to sign is concatenated as follows:

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

Field Name	Explanation
Algorithm	Signature algorithm, which is currently always `TC3-HMAC-SHA256`.
RequestTimestamp	Request timestamp, i.e., the value of the common parameter `X-TC-Timestamp` in request header, which is the UNIX timestamp of the current time in seconds, such as `1551113065` in this example.
CredentialScope	Scope of the credential in the format of `Date/service/tc3_request`, including date, requested service and termination string (tc3_request). **`Date` is a date in UT time, whose value should match the UTC date converted by the common parameter `X-TC-Timestamp`;** `service` is the product name, which should m the domain name of the product called. The calculation result in this example is `2019-25/cvm/tc3_request`.

HashedCanonicalRequest	Hash value of the CanonicalRequest string concatenated in the steps above. The pseudocode for calculation is Lowercase(HexEncode(Hash.SHA256(CanonicalRequ The calculation result in this example is `2815843035062fffda5fd6f2a44ea8a34818b0dc46f024b8b3786976a3ad`

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
2815843035062fffda5fd6f2a44ea8a34818b0dc46f024b8b3786976a3adda7a
```

3. Calculating the Signature

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

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

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

Service	Value in the Service field in `Credential`, such as `cvm` 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 `TC3-HMAC-SHA256`.
SecretId	The SecretId in the key pair, i.e., `AKID********************************`.
CredentialScope	Credential scope (see above). The calculation result in this example is `2019-02-25/cvm/tc3_request`.
SignedHeaders	Header information for signature calculation (see above), such as `content-type;host` in this example.
Signature	Signature value. The calculation result in this example is `a7b8551448762bd123d6f79e81815e31a92013640a6cef36a08ad4b292a4d2f2`.

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

```
TC3-HMAC-SHA256 Credential=AKID********************************/2019-02-25/cvm/tc
3_request, SignedHeaders=content-type;host, Signature=a7b8551448762bd123d6f79e818
15e31a92013640a6cef36a08ad4b292a4d2f2
```

The following example shows a finished authorization header:

```
POST https://cvm.tencentcloudapi.com/
Authorization: TC3-HMAC-SHA256 Credential=AKID********************************/20
19-02-25/cvm/tc3_request, SignedHeaders=content-type;host, Signature=a7b855144876
2bd123d6f79e81815e31a92013640a6cef36a08ad4b292a4d2f2
```

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

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

5. Signature Demo

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

- Python
- Java
- PHP
- Go
- NodeJS
- .NET

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

The final output URL might be: https://cvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&Limit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKID**********&Signature=EliP9YW3pW28FpsEdkXt%2F%2BWcGeI%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.

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Java

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

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

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

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

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

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

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

String payload = "{\"Limit\": 1, \"Filters\": [{\"Values\": [\"unnamed\"], \"Name
\": \"instance-name\"}]}";
String hashedRequestPayload = sha256Hex(payload);
String canonicalRequest = httpRequestMethod + "\n" + canonicalUri + "\n" + canoni
calQueryString + "\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 = "AKID********************************"
secret_key = "********************************"

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

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

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

# ************* Step 2: Concatenate the string to sign *************
credential_scope = date + "/" + service + "/" + "tc3_request"
hashed_canonical_request = hashlib.sha256(canonical_request.encode("utf-8")).hexd
igest()
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.sha2
56).hexdigest()
print(signature)

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

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

Golang

```
package main

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

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

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

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

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

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

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

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

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

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

PHP

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

// step 1: build canonical request string
$httpRequestMethod = "POST";
$canonicalUri = "/";
$canonicalQueryString = "";
$canonicalHeaders = "content-type:application/json; charset=utf-8\n"."host:".$hos
t."\n";
$signedHeaders = "content-type;host";
$payload = '{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-na
me"}]}';
$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;
```

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

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

Ruby

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

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

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

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

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

puts canonical_request

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

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

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

puts 'curl -X POST ' + endpoint \
```

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

DotNet

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

public class Application
{
public static string SHA256Hex(string s)
{
using (SHA256 algo = SHA256.Create())
{
byte[] hashbytes = algo.ComputeHash(Encoding.UTF8.GetBytes(s));
StringBuilder builder = new StringBuilder();
for (int i = 0; i < hashbytes.Length; ++i)
{
builder.Append(hashbytes[i].ToString("x2"));
}
return builder.ToString();
}
}
public static byte[] HmacSHA256(byte[] key, byte[] msg)
{
using (HMACSHA256 mac = new HMACSHA256(key))
{
return mac.ComputeHash(msg);
}
}

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

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

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

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

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

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

Dictionary<string, string> headers = new Dictionary<string, string>();
headers.Add("Authorization", authorization);
headers.Add("Host", endpoint);
headers.Add("Content-Type", contentType + "; charset=utf-8");
headers.Add("X-TC-Timestamp", requestTimestamp.ToString());
headers.Add("X-TC-Version", version);
headers.Add("X-TC-Action", action);
headers.Add("X-TC-Region", region);
return headers;
}
public static void Main(string[] args)
{
// SecretID and SecretKey
string SECRET_ID = "AKID********************************";
string SECRET_KEY = "********************************";

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

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

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

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

NodeJS

```
const crypto = require('crypto');

function sha256(message, secret = '', encoding) {
const hmac = crypto.createHmac('sha256', secret)
return hmac.update(message).digest(encoding)
}
function getHash(message, encoding = 'hex') {
const hash = crypto.createHash('sha256')
return hash.update(message).digest(encoding)
}
function getDate(timestamp) {
const date = new Date(timestamp * 1000)
const year = date.getUTCFullYear()
const month = ('0' + (date.getUTCMonth() + 1)).slice(-2)
const day = ('0' + date.getUTCDate()).slice(-2)
return `${year}-${month}-${day}`
}
function main(){

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

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

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

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

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

const canonicalRequest = httpRequestMethod + "\n"
```

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

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

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

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

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

C++

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

using namespace std;

string get_data(int64_t &timestamp)
{
string utcDate;
char buff[20] = {0};
// time_t timenow;
struct tm sttime;
sttime = *gmtime(&timestamp);
strftime(buff, sizeof(buff), "%Y-%m-%d", &sttime);
utcDate = string(buff);
return utcDate;
}
string int2str(int64_t n)
{
std::stringstream ss;
ss << n;
return ss.str();
}
string sha256Hex(const string &str)
{
char buf[3];
unsigned char hash[SHA256_DIGEST_LENGTH];
SHA256_CTX sha256;
SHA256_Init(&sha256);
SHA256_Update(&sha256, str.c_str(), str.size());
SHA256_Final(hash, &sha256);
std::string NewString = "";
for(int i = 0; i < SHA256_DIGEST_LENGTH; i++)
{
snprintf(buf, sizeof(buf), "%02x", hash[i]);
NewString = NewString + buf;
}
return NewString;
```

```
}
string HmacSha256(const string &key, const string &input)
{
unsigned char hash[32];

HMAC_CTX *h;
#if OPENSSL_VERSION_NUMBER < 0x10100000L
HMAC_CTX hmac;
HMAC_CTX_init(&hmac);
h = &hmac;
#else
h = HMAC_CTX_new();
#endif

HMAC_Init_ex(h, &key[0], key.length(), EVP_sha256(), NULL);
HMAC_Update(h, ( unsigned char* )&input[0], input.length());
unsigned int len = 32;
HMAC_Final(h, hash, &len);

#if OPENSSL_VERSION_NUMBER < 0x10100000L
HMAC_CTX_cleanup(h);
#else
HMAC_CTX_free(h);
#endif

std::stringstream ss;
ss << std::setfill('0');
for (int i = 0; i < len; i++)
{
ss << hash[i];
}

return (ss.str());
}
string HexEncode(const string &input)
{
static const char* const lut = "0123456789abcdef";
size_t len = input.length();

string output;
output.reserve(2 * len);
for (size_t i = 0; i < len; ++i)
{
const unsigned char c = input[i];
output.push_back(lut[c >> 4]);
output.push_back(lut[c & 15]);
}
```

```
return output;
}

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

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

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

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

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

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

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

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

Signature Failure

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

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

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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: `AKID********************************`
- SecretKey: `********************************`

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

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

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

2.1. Sorting Parameters

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

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

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

2.2. Concatenating a Request String

This step generates a request string.

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

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

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

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

2.3. Concatenating the Signature Original String

This step generates a signature original string.

The signature original string consists of the following parameters:

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

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

The concatenation result of the example is:

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

2.4. Generating a Signature String

This step generates a signature string.

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

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

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

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

The final signature is:

```
7RAM2xfNMO9EiVTNmPg06MRnCvQ=
```

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

3. Encoding a Signature String

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

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

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

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

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

4. Signature Failure

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

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

5. Signature Demo

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

- Python
- Java
- PHP
- Go
- NodeJS
- .NET

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

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

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

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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.getAlg
orithm());
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. TreeM
ap 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 UnsupportedEnc
odingException {
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 lette
rs, only the value is URL encoded here.
url.append(k).append("=").append(URLEncoder.encode(params.get(k).toString(), CHAR
SET)).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 enable
s automatic sorting
// A random number should be used when actually calling, for example: params.put
("Nonce", new Random().nextInt(java.lang.Integer.MAX_VALUE));
params.put("Nonce", 11886); // Common parameter
// The current time of the system should be used when actually calling, for examp
le: params.put("Timestamp", System.currentTimeMillis() / 1000);
params.put("Timestamp", 1465185768); // Common parameter
params.put("SecretId", "AKID********************************"); // Common paramet
er
params.put("Action", "DescribeInstances"); // Common parameter
params.put("Version", "2017-03-12"); // Common parameter
params.put("Region", "ap-guangzhou"); // Common parameter
params.put("Limit", 20); // Business parameter
params.put("Offset", 0); // Business parameter
params.put("InstanceIds.0", "ins-09dx96dg"); // Business parameter
params.put("Signature", sign(getStringToSign(params), "************************
******", "HmacSHA1")); // Common parameter
System.out.println(getUrl(params));
}
}
```

Python

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

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

import requests

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

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

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

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

Golang

```
package main

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

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

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

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

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

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

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

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

PHP

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

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

ksort($param);

$signStr = "GETcvm.tencentcloudapi.com/?";
foreach ( $param 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 = "AKID********************************"
secret_key = "********************************"

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

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

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

DotNet

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

public class Application {
public static string Sign(string signKey, string secret)
{
string signRet = string.Empty;
using (HMACSHA1 mac = new HMACSHA1(Encoding.UTF8.GetBytes(signKey)))
{
byte[] hash = mac.ComputeHash(Encoding.UTF8.GetBytes(secret));
signRet = Convert.ToBase64String(hash);
}
return signRet;
}
public static string MakeSignPlainText(SortedDictionary<string, string> requestPa
rams, string requestMethod, string requestHost, string requestPath)
```

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

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

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

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

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

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

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

NodeJS

```
const crypto = require('crypto');

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

function formatSignString(reqMethod, endpoint, path, strParam){
let strSign = reqMethod + endpoint + path + "?" + strParam.slice(1);
return strSign;
}
function sha1(secretKey, strsign){
let signMethodMap = {'HmacSHA1': "sha1"};
let hmac = crypto.createHmac(signMethodMap['HmacSHA1'], secretKey || "");
return hmac.update(Buffer.from(strsign, 'utf8')).digest('base64')
}

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

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

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

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

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

strParam = sort_params(params)

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

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

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

Responses

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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 s
ignature is correct."
},
"RequestId": "ed93f3cb-f35e-473f-b9f3-0d451b8b79c6"
}
}
```

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

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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.

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Other APIs
AttachMediaSubtitles

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1. API Description

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

This API is used to associate/disassociate subtitles with/from a media file of a specific adaptive bitrate streaming template ID.

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: AttachMediaSubtitles.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileId	Yes	String	Unique ID of the media file
Operation	Yes	String	Operation. Valid values: • `Attach` : associates subtitles. • `Detach` : disassociates subtitles.

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AdaptiveDynamicStreamingDefinition	Yes	Integer	Adaptive bitrate streaming template ID
SubtitleIds.N	Yes	Array of String	Unique IDs of the subtitles
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Associating subtitles

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=AttachMediaSubtitles
&FileId=123
&AdaptiveDynamicStreamingDefinition=10000
&Operation=Attach
&SubtitleIds.0=subtitle1
&SubtitleIds.1=subtitle2
&<Common request parameters>
```

Output Example

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

```
"RequestId": "requestId"
}
}
```

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	Incorrect parameter value.
UnknownParameter	Unknown parameter error.
UnsupportedOperation	Unsupported operation.

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CreateSubAppId

Last updated：2025-04-27 17:14:41

1. API Description

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

This API is used to create a VOD subapplication.

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: CreateSubAppId.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Name	Yes	String	Subapplication name. Length limit: 40 characters.
Description	No	String	Subapplication overview. Length limit: 300 characters.
Type	No	String	

3. Output Parameters

Parameter Name	Type	Description

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

4. Example

Example1

Input Example

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

{
"Name": "MyAppName",
"Description": "description of my app"
}
```

Output Example

```
{
"Response": {
"RequestId": "5ca61e3a-6b8e-4b4e-9256-fdc701190064ef0",
"SubAppId": 1490012345
}
}
```

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 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.
InvalidParameterValue.Description	Incorrect parameter value: `Description` exceeds the length limit.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
LimitExceeded	Quota limit is exceeded.
UnauthorizedOperation	Unauthorized operation.

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ExecuteFunction

Last updated：2025-04-25 10:47:46

1. API Description

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

This API is only used in special scenarios of custom development. Unless requested by VOD customer service, please do not call it.

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: ExecuteFunction.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FunctionName	Yes	String	Name of called backend API.
FunctionArg	Yes	String	API parameter. For specific parameter format, negotiate with the backend before calling.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

SessionContext	No	String	The source context which is used to pass through the user request information. The task flow status change callback will return the value of this field. It can contain up to 1,000 characters.
SessionId	No	String	The ID used for deduplication. If there was a request with the same ID in the last seven days, the current request will return an error. The ID can contain up to 50 characters. If this parameter is left empty or a blank string is entered, no deduplication will be performed.
ExtInfo	No	String	Reserved field for special purposes.

3. Output Parameters

Parameter Name	Type	Description
Result	String	String generated by packaging processing result. For specifications, negotiate with the backend. Note: this field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Customer A initiating a custom video processing task

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ExecuteFunction
&FunctionName=ExampleFunc
&FunctionArg=XXX
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "8ad61e3a-6b8e-4b4e-9256-fdc701190064ef0",
```

```
"Result": "XXX"
}
}
```

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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue.FunctionArg	Incorrect parameter value: FunctionArg.
InvalidParameterValue.FunctionName	Incorrect parameter value: FunctionName.
InvalidParameterValue.SessionContextTooLong	`SessionContext` is too long.

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UnauthorizedOperation	Unauthorized operation.

LiveRealTimeClip

Last updated：2025-04-25 10:47:43

1. API Description

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

Live broadcast real-time editing means that during the live broadcast process (that is, before the live broadcast has ended), customers can select a section of past live broadcast content to generate a new video (HLS format) in real time. Developers can share it immediately, or permanently Save it.

Tencent Cloud VOD supports two real-time editing modes:

- Editing and solidification: Save the edited video as an independent video with an independent FileId; suitable for scenes where the highlight clips are saved for a long time;
- Editing is not solidified: the edited video is attached to the live broadcast recording file and does not have an independent FileId; it is suitable for scenarios where highlight clips are **temporarily shared**.

Notice:

- The prerequisite for using the live broadcast real-time editing function is that the target live stream has the Time Shift Replay function enabled.
- Live broadcast real-time editing is based on the m3u8 file generated by live broadcast recording, so its minimum editing accuracy is one ts slice, and it is impossible to achieve second-level or more precise editing accuracy.
- Since the stream may be interrupted during the live broadcast, the actual video duration generated by editing may be inconsistent with expectations. For example, the time interval for editing a live stream is from 2018-09-20T10:30:00Z to 2018-09-20T10:40:00Z. If the stream is interrupted during this time interval, the duration of the returned media asset file will be Less than 10 minutes, in which case it can be sensed via the output parameter SegmentSet.

Clip solidification

Clip solidification means saving the clipped video into an independent video (with an independent FileId). Its life cycle is not affected by the original live broadcast recording video (even if the original recording video is deleted, the editing results will not be affected in any way); it can also be subjected to secondary processing such as transcoding.

For example: for a complete football match, the original video recorded live may be as long as 2 hours. To save costs, the customer can store this video for 2 months, but for the "highlight moment" video that is edited in real time during the live broadcast However, you can specify a longer storage period, and at the same time, you can separately

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transcode the "highlight moments" video and other on-demand operations. At this time, you can choose the solution of real-time editing and solidification of the live broadcast.

The advantage of editing and curing is that its life cycle is independent of the original recorded video, and can be managed independently and stored for a long time.

Notice: If solidification is specified during clipping, enable the reception of persistence completed event notifications through the ModifyEventConfig interface. After successful solidification, an event notification of type PersistenceComplete will be received. Before receiving this event notification, operations such as deletion or cooling down of live recording videos should not be performed, otherwise, abnormal playback may occur in the video generated by the clipping.

Clips are not solidified

The editing is not solidified, which means that the result of editing (m3u8 file) and the live recording video share the same ts fragment. The newly generated video is not an independent and complete video (no independent FileId, only playback URL), and its validity period is the same as the live broadcast. The validity period of the complete recorded video is the same. Once the video recorded during the live broadcast is deleted, the clip will also become unplayable.

The clip is not solidified. Because the clip result is not an independent video, it will not be included in on-demand media asset video management (for example, the total number of videos in the console will not count this clip), and this clip cannot be transcoded separately. Video processing operations.

The advantage of not solidifying editing is that its editing operation is very "lightweight" and does not generate additional storage overhead. However, its disadvantage is that the life cycle is the same as the original recorded video, and further video processing such as transcoding cannot be performed.

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: LiveRealTimeClip.

Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
StreamId	Yes	String	The live stream code.
StartTime	Yes	String	Start time of stream clipping in ISO date format.
EndTime	Yes	String	End time of stream clipping in ISO date format.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
IsPersistence	No	Integer	Whether to clip persistently. 0: no, 1: yes. Default: no.
ExpireTime	No	String	Storage expiration time of video generated by persistent clipping in ISO date format. `9999-12-31T23:59:59Z` means `never expire`. After the expiration, the media file and its related resources (such as transcoding results and image sprites) will be permanently deleted. This parameter will be valid only when `IsPersistence` is 1. By default, the video will never expire.
Procedure	No	String	VOD task flow processing for video generated by persistent clipping. For more information, please see Specifying Task Flow After Upload. This parameter will be valid only when `IsPersistence` is 1.
ClassId	No	Integer	The ID of the media file's category. You can use the CreateClass API to create a

			category and get the category ID. • The default value is `0`, which means the "Other" category. This parameter is valid only if `IsPersistence` is `1`.
SourceContext	No	String	The source context, which is used to pass through user request information. The NewFileUpload callback will return the value of this parameter. It can contain up to 250 characters and is valid only if `IsPersistence` is `1`.
SessionContext	No	String	The session context, which is used to pass through user request information. If the `Procedure` parameter is specified, the ProcedureStateChanged callback will return the value of this parameter. It can contain up to 1,000 characters and is valid only if `IsPersistence` is `1`.
MetaDataRequired	No	Integer	Whether the metadata of clipped video needs to be returned. 0: no, 1: yes. Default value: no.
Host	No	String	Domain name used for live clipping. Time shifting must be enabled in LVB.
StreamInfo	No	LiveRealTimeClipStreamInfo	The information of the live stream to clip. • The video clip is cut from the original stream by default. • If `Type` of `StreamInfo` is set to `Transcoding`, the video clip will be cut from the output stream of the transcoding template specified by `TemplateId`.
ExtInfo	No	String	Reserved field. Do not enter a value for it.

3. Output Parameters

Parameter	Type	Description

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Name		
Url	String	Playback URL of clipped video.
FileId	String	Unique media file ID of video generated by persistent clipping. Note: this field may return null, indicating that no valid values can be obtained.
VodTaskId	String	Task flow ID of video generated by persistent clipping. Note: this field may return null, indicating that no valid values can be obtained.
MetaData	MediaMetaData	Note: This field may return null, indicating that no valid value can be obtained.
SegmentSet	Array of LiveRealTimeClipMediaSegmentInfo	Cliped media segment info.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Clipping a live video for temporary sharing

This example shows you how to cut out a video clip from a live stream (live stream code: record-stream; domain name: example.com) from `2018-09-20T10:00:00Z` to `2018-09-20T11:00:00Z` for temporary sharing. The live stream was interrupted for 10 minutes from `2018-09-20T10:30:00Z` to `2018-09-20T10:40:00Z`, so the output parameter `SegmentSet` contains the information of two segments, and the actual duration of the video clip is 50 minutes.

Input Example

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

```
{
"Host": "example.com",
"EndTime": "2018-09-20T11:00:00Z",
"StartTime": "2018-09-20T10:00:00Z",
"StreamId": "record-stream"
}
```

Output Example

```
{
"Response": {
"Url": "http://example.com/playlist.m3u8",
"FileId": "",
"VodTaskId": "",
"MetaData": null,
"SegmentSet": [
{
"StartTime": "2018-09-20T10:00:00Z",
"EndTime": "2018-09-20T10:30:00Z"
},
{
"StartTime": "2018-09-20T10:40:00Z",
"EndTime": "2018-09-20T11:00:00Z"
}
],
"RequestId": "6ca31e3a-6b8e-xxxx-9256-fdc700064ef3"
}
}
```

Example2 Clipping a live video for persistent storage

This example shows you how to cut out a video clip from a live stream (live stream code: record-stream; domain name: example.com) from `2018-09-20T12:00:00Z` to `2018-09-20T13:00:00Z` for persistent storage, and initiate a task flow on the video.

Input Example

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

{
"IsPersistence": "1",
```

```
"Host": "example.com",
"StartTime": "2018-09-20T12:00:00Z",
"StreamId": "record-stream",
"EndTime": "2018-09-20T13:00:00Z",
"Procedure": "SomeProcedure"
}
```

Output Example

```
{
"Response": {
"Url": "http://example.com/playlist.m3u8",
"FileId": "5285890xxxxxx199336",
"VodTaskId": "125xxxx65-procedurev2-bffb15f07530b57bc1aabb01fac74bca",
"MetaData": null,
"SegmentSet": [
{
"StartTime": "2018-09-20T12:00:00Z",
"EndTime": "2018-09-20T13:00:00Z"
}
],
"RequestId": "6ca31e3a-6b8e-xxxx-9256-fdc700064ef3"
}
}
```

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

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- 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	Incorrect parameter value.
InvalidParameterValue.ClipDuration	Incorrect parameter value: the clipping duration is too long.
InvalidParameterValue.EndTime	Incorrect parameter value: invalid `EndTime`.
InvalidParameterValue.ExpireTime	Incorrect parameter value: incorrect `ExpireTime` format.
InvalidParameterValue.StartTime	Incorrect parameter value: invalid `StartTime`.
InvalidParameterValue.StreamIdInvalid	Incorrect parameter value: invalid `StreamId`.
UnauthorizedOperation	Unauthorized operation.
UnsupportedOperation	Unsupported operation.

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ModifySubAppIdInfo

Last updated：2025-04-25 10:47:42

1. API Description

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

This API is used to modify subapplication information, but it is not allowed to modify primary application information.

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: ModifySubAppIdInfo.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	Yes	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Name	No	String	Subapplication name. Length limit: 40 characters.
Description	No	String	Subapplication overview. Length limit: 300 characters.

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3. Output Parameters

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

4. Example

Example1 Modify sub-application information.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifySubAppIdInfo
&SubAppId=1400000001
&Name=newName
&Description=newDescription
&<common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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

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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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
UnauthorizedOperation	Unauthorized operation.

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ModifySubAppIdStatus

Last updated：2025-04-25 10:47:42

1. API Description

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

This API is used to enable/disable a subapplication. After a subapplication is disabled, its corresponding domain name will be blocked and its access to the console will be restricted.

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: ModifySubAppIdStatus.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	Yes	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Status	Yes	String	Subapplication status. Valid values: • On: enabled • Off: disabled • Destroyed: terminated

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			You cannot enable a subapplication whose status is "Destroying". You can enable it after it was terminated.

3. Output Parameters

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

4. Example

Example1 Modify sub-application status

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifySubAppIdStatus
&SubAppId=1400000001
&Status=Off
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
UnauthorizedOperation	Unauthorized operation.

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SimpleHlsClip

Last updated：2025-04-24 16:47:37

1. API Description

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

This API is used to cut a clip from an HLS video to generate a new video (in HLS format). You can either share the new video or save it.

VOD supports two types of clipping:

- Clipping for persistent storage: The video clip is saved as an independent video file with its own `FileId`.
- Clipping for temporary sharing: The video clip shares `FileId` with the input file.

Notes:

- Clipping is based on the M3U8 file that contains a list of TS segments, so the smallest clipping unit is one TS segment instead of a second or less.

Clipping for persistent storage

In this mode, a video clip is saved as an independent video file with a `FileId`, and its lifecycle is not subject to the input video. Even if the source video is deleted, the video clip still exists. Moreover, the video clip can be transcoded, published on WeChat, and processed in other ways.

Suppose you recorded a two-hour football match. You want to save the full video for only two months to save costs, but want to save the highlights for a longer time and perhaps transcode and publish the highlight clip to WeChat. In this case, you can choose clipping for persistent storage.

The advantage of clipping for persistent storage is that the video clip has a lifecycle independent of the input video and can be managed independently and stored persistently.

Notice: If solidification is specified during clipping, enable the reception of persistence completed event notifications through the ModifyEventConfig interface. After successful solidification, an event notification of type PersistenceComplete will be received. Before receiving this event notification, operations such as deletion or cooling down of live recording videos should not be performed, otherwise, abnormal playback may occur in the video generated by the clipping.

Clipping for temporary sharing

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The video clip (an M3U8 file) shares the same TS segments with the input video instead of being an independent video. It only has a playback URL but has no `FileId`, and its validity period is the same as that of the input video. Once the input video is deleted, the video clip cannot be played back.

Because the video clip is not an independent video, it's not displayed as a media asset in the VOD console, and cannot be transcoded or published to WeChat.

Clipping for temporary sharing is lightweight and incurs no additional storage fees. However, the video clip has the same lifecycle as the source recording video and cannot be transcoded or processed in other ways.

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: SimpleHlsClip.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Url	Yes	String	URL of the HLS video in VOD that needs to be clipped.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
StartTimeOffset	No	Float	Start offset time of clipping in seconds. Default value: 0, which means to clip from the beginning of the video. A negative number indicates how many seconds from the end of the video clipping will start at. For example, -10 means that clipping will start at the 10th second from the end.
EndTimeOffset	No	Float	End offset time of clipping in seconds. Default value: 0, which

			means to clip till the end of the video. A negative number indicates how many seconds from the end of the video clipping will end. For example, -10 means that clipping will end at the 10th second from the end.
IsPersistence	No	Integer	Whether to store the video clip persistently. 0: no (default), 1: yes.
ExpireTime	No	String	The expiration time of the video clip that is to be saved, in ISO date format. `9999-12-31T23:59:59Z` is the default value, which means the video clip will never expire. After expiration, the media file and its related resources (such as transcoding results and image sprites) will be permanently deleted. This parameter is valid only if `IsPersistence` is 1.
Procedure	No	String	The task flow to execute on the video clipped for persistent storage. For details, see Upload from Server. This parameter is valid only if `IsPersistence` is 1.
ClassId	No	Integer	The ID of the media file's category. You can use the CreateClass API to create a category and get the category ID. • The default value is `0`, which means the "Other" category. This parameter is valid only if `IsPersistence` is `1`.
SourceContext	No	String	The source context, which is used to pass through user request information. The NewFileUpload callback will return the value of this parameter. It can contain up to 250 characters and is valid only if `IsPersistence` is `1`.
SessionContext	No	String	The session context, which is used to pass through user request information. If the `Procedure` parameter is specified, the ProcedureStateChanged callback will return the value of this parameter. It can contain up to 1,000 characters and is valid only if `IsPersistence` is `1`.
Precision	No	String	
OutputMediaType	No	String	
ExtInfo	No	String	

3. Output Parameters

Parameter Name	Type	Description
Url	String	Address of clipped video.
MetaData	MediaMetaData	Metadata of clipped video. Currently, `Size`, `Rotate`, `VideoDuration`, and `AudioDuration` fields use default value with no actual data.
FileId	String	Unique ID of a video clip for persistent storage.
TaskId	String	The ID of the task flow to execute on the video clipped for persistent storage.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Clipping an HLS video (with negative offsets)

This example shows you how to clip a video that starts at two seconds from the beginning of the original video and ends ten seconds from the end of the original video.

Input Example

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

{
"Url": "http://xxxxx.vod2.myqcloud.com/xxxxx/aaaaaa/hhhh.m3u8",
"StartTimeOffset": 2.0,
"EndTimeOffset": 10.0
}
```

Output Example

```
{
"Response": {
"Url": "http://xxxxx.vod2.myqcloud.com/xxxxx/aaaaaa/10_50.m3u8",
"FileId": "",
```

```
"TaskId": "",
"MetaData": {
"Size": 0,
"Container": "hls",
"Bitrate": 622014,
"Height": 480,
"Width": 640,
"Duration": 48.0,
"Rotate": 0,
"VideoStreamSet": [
{
"Bitrate": 592385,
"Height": 480,
"Width": 640,
"Codec": "h264",
"Fps": 25,
"CodecTag": "",
"DynamicRangeInfo": {
"Type": "",
"HDRType": ""
}
}
],
"AudioStreamSet": [
{
"Bitrate": 29629,
"SamplingRate": 44100,
"Codec": "aac"
}
],
"VideoDuration": 0.0,
"AudioDuration": 0.0,
"Md5": "Md5"
},
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```


Example2 Clipping an HLS video (with positive offsets)

This example shows you how to clip a video from 00:02 to 00:10.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
```

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

{
"Url": "http://xxxxx.vod2.myqcloud.com/xxxxx/aaaaaa/hhh.m3u8",
"StartTimeOffset": 2.0,
"EndTimeOffset": 10.0
}
```

Output Example

```
{
"Response": {
"Url": "http://xxxxx.vod2.myqcloud.com/xxxxx/aaaaaa/10_50.m3u8",
"FileId": "",
"TaskId": "",
"MetaData": {
"Size": 0,
"Container": "hls",
"Bitrate": 622014,
"Height": 480,
"Width": 640,
"Duration": 48.0,
"Rotate": 0,
"VideoStreamSet": [
{
"Bitrate": 592385,
"Height": 480,
"Width": 640,
"Codec": "h264",
"Fps": 25,
"CodecTag": "",
"DynamicRangeInfo": {
"Type": "",
"HDRType": ""
}
}
],
"AudioStreamSet": [
{
"Bitrate": 29629,
"SamplingRate": 44100,
"Codec": "aac"
}
],
```

```
"VideoDuration": 0.0,
"AudioDuration": 0.0,
"Md5": "Md5"
},
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```


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 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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.

InvalidParameterValue.EndTimeOffset	Incorrect parameter: the end time is invalid.
InvalidParameterValue.ExpireTime	Incorrect parameter value: incorrect `ExpireTime` format.
InvalidParameterValue.IsPersistence	
InvalidParameterValue.OutputMediaType	
InvalidParameterValue.Precision	
InvalidParameterValue.Procedure	
InvalidParameterValue.StartTimeOffset	Incorrect parameter: the start time is invalid.
InvalidParameterValue.Url	Incorrect parameter: the URL is invalid.
ResourceUnavailable.MasterPlaylist	Incorrect parameter: M3U8 of `MasterPlaylist` is not supported.
UnauthorizedOperation	Unauthorized operation.

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DescribeSubAppIds

Last updated：2025-04-27 17:14:41

1. API Description

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

This API is used to query the list of the primary application and subapplications of the current account.

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: DescribeSubAppIds.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Name	No	String	Subapplication name.
Tags.N	No	Array of ResourceTag	Tag information. You can query the list of subapplications with specified tags.
Offset	No	Integer	Page number offset from the beginning of paginated queries. Default value: 0.
Limit	No	Integer	Maximum return results of pulling paginated queries. Default: 200; maximum: 200.

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3. Output Parameters

Parameter Name	Type	Description
SubAppIdInfoSet	Array of SubAppIdInfo	Subapplication information set.
TotalCount	Integer	Total number of subapplications.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Queries the list of subapplications

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeSubAppIds
```

Output Example


```
{
"Response": {
"TotalCount": 2,
"SubAppIdInfoSet": [
{
"SubAppId": 1451123904,
"Name": "app1",
"SubAppIdName": "app1",
"Description": "appDescription",
"CreateTime": "2018-10-01T10:00:00Z",
"Status": "On"
},
{
"SubAppId": 1251123904,
"Name": "app2",
"SubAppIdName": "app2",
"Description": "appDescription",
"CreateTime": "2018-10-01T10:00:00Z",
"Status": "On"
```


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```
}
],
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```


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.
ResourceNotFound	The resource does not exist.
ResourceNotFound.ServiceNotExist	The service is not activated.
UnauthorizedOperation	Unauthorized operation.

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FastEditMedia

Last updated：2025-04-25 10:47:43

1. API Description

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

Implement quick concatenation and quick clipping for Tencent Cloud VOD's HLS videos to generate new media in HLS format. The video generated by quick concatenation or clipping will produce a new FileId and undergo solidification. After successful solidification, the new video file exists independently of the original input video and is not affected by deletions or other actions on the original video. Note: Enable the reception of persistence completed event notifications through the ModifyEvent config interface, and a PersistenceComplete type event notification will be received after successful solidification. Before receiving this event notification, operations such as deletion or cooling down of the original input video should not be performed, otherwise, abnormal playback may occur in the video generated by the concatenation and clipping.

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: FastEditMedia.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileInfos.N	Yes	Array of	Input media file information. Support for up to 100 media

		FastEditMediaFileInfo	inputs.
ClipMode	No	String	ClipMode is used to indicate whether to include this segment when the clipping time point falls in the middle of a TS segment. There are two values: • StartInclusiveEndInclusive: When the clip start time point and end time point fall in the middle of a segment, this segment will be included; • StartInclusiveEndExclusive: When the starting time point falls in the middle of a segment, the segment will be included; when the end time point falls in the middle of a segment, the segment will not be included. If not specified, the default is StartInclusiveEndInclusive.
SubAppId	No	Integer	**VOD Application ID. Customers who activate VOD services from December 25, 2023, if they access resources in VOD applications (whether it is a default application or a newly created application), must fill in this field as the application ID.**

3. Output Parameters

Parameter Name	Type	Description
FileId	String	The unique identification of the media file of the fast edited video
Url	String	Fast-edited media playback address
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Fast Clip Video

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
```

```
Content-Type: application/json
X-TC-Action: FastEditMedia
<Public Request Parameter>

{
"FileInfos": [{
"EndTimeOffset": 0.0,
"StartTimeOffset": 30.0,
"AudioVideoType": "Original",
"TranscodeDefinition": 100210,
"FileId": "5285890784246869930"
}]
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"FileId": "152854854879852xxxxx",
"Url": "https://xxx.vod2.myqcloud.com/xxx/xxx.m3u8"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

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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.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.

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ExtractTraceWatermark

Last updated：2025-04-27 17:14:40

1. API Description

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

This API is used to extract the user ID of a user that distributed a video containing a digital watermark.

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: ExtractTraceWatermark.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Url	Yes	String	The URL of the media on which digital watermark extraction is to be performed.
FileId	No	String	The ID of the file specified by `Url`. • Note: This parameter is required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

SessionContext	No	String	The source context, which is used to pass through user request information. The `ExtractTraceWatermarkComplete` callback and the `ProcedureStateChanged` callback will return the value of this parameter. It can contain up to 1,000 characters.
SessionId	No	String	The session ID, which is used for de-duplication. If there was a request with the same session ID in the last three days, an error will be returned for the current request. The session ID can contain up to 50 characters. If you do not pass this parameter or pass in an empty string, duplicate sessions will not be identified.
TasksPriority	No	Integer	The task priority, which can be a value from -10 to 10. The higher the value, the higher the priority. If this parameter is left empty, 0 will be used.
ExtInfo	No	String	A reserved parameter.

3. Output Parameters

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

4. Example

Example1 Extracting the user ID of a user that distributed a video containing a digital watermark

This example shows you how to extract the user ID of a user that distributed a video containing a digital watermark.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ExtractTraceWatermark
```

```
<Common request parameters>

{
"Url": "http://example.com/path/file.mp4",
"FileId": "123422"
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-procedurev2-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

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

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

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ExtractCopyRightWatermark

Last updated：2025-04-27 17:14:40

1. API Description

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

Extract CopyRight Watermark.

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: ExtractCopyRightWatermark.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Url	Yes	String	The media URL from which the watermark needs to be extracted.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
SessionContext	No	String	Identifies the source context, which is used to transparently transmit user request information. This field value will be returned in the

			ExtractCopyRightWatermarkComplete callback and task flow status change callback, with a maximum length of 1000 characters.
SessionId	No	String	The identification code used for task deduplication. If there is a request with the same identification code within three days, this request will return an error. The maximum length is 50 characters, without or with an empty string to indicate no deduplication.
TasksPriority	No	Integer	The priority of the task. The larger the value, the higher the priority. The value range is -10 to 10. If left blank, it means 0.
ExtInfo	No	String	Reserved fields, used for special purposes.

3. Output Parameters

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

4. Example

Example1 Extract Copyright Watermark

Used to extract copyright watermarks.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ExtractCopyRightWatermark
<Public Request Parameter>

{
"Url": "http://example.com/path/file.mp4"
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-ExtractCopyRightWatermark-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

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

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

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Upload APIs
CreateStorageCredentials

Last updated：2025-06-30 15:39:09

1. API Description

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

The API is used to generate access credentials for VOD professional applications, such as generating credentials for client uploads.

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: CreateStorageCreder
Version	Yes	String	Common Params. The value used for this API: 2024-07-18.
Region	No	String	Common Params. This parameter is not required.
SubAppId	Yes	Integer	**The ID of VOD Professional Application.**
Policy	Yes	String	The policy string serialized by URL Encode is used as the input para The server will URL Decode the Policy value and grant temporary ac credentials according to the parsed policy. Please pass in parameter to the specification. Note: 1.The policy syntax refers to Cloud Access Management.

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			2.The policy cannot contain the principal element. 3.The policy actions include: • name/vod:ListObjects; • name/vod:ListObjectsV2; • name/vod:HeadObject; • name/vod:PutObject; • name/vod:ListParts; • name/vod:PostObject; • name/vod:CreateMultipartUpload; • name/vod:UploadPart; • name/vod:CompleteMultipartUpload; • name/vod:AbortMultipartUpload; • name/vod:ListMultipartUploads; • name/vod:CopyObject; • name/vod:RestoreObject; • name/vod:DeleteObjects; • name/vod:DeleteObject; • name/vod:UploadPartCopy. 4.The resource format of the policy is `qcs::vod:[region]:uid/[AppID]:prefix//[SubAppId]/[BucketId` where AppID, SubAppId, BucketId and Path need to be filled in as re
DurationSeconds	No	Integer	Specifies the validity period of credentials in seconds. The default va seconds and the maximum value is 129600 seconds.

3. Output Parameters

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

4. Example

Example1 Apply for credentials to upload a single file.

Apply for credentials to upload a single file.

Input Example


```
{
"SubAppId": 220209,
"DurationSeconds": 7200,
"Policy": "%7B%22statement%22%3A%5B%7B%22action%22%3A%5B%22name%2Fvod%3AInitiateMultipartUpload%22%2C%22name%2Fvod%3AListMultipartUploads%22%2C%22name%2Fvod%3AListParts%22%2C%22name%2Fvod%3AUploadPart%22%2C%22name%2Fvod%3ACompleteMultipartUpload%22%5D%2C%22effect%22%3A%22allow%22%2C%22resource%22%3A%5B%22qcs%3A%3Avod%3Aap-beijing%3Auid%2F251197738%3Aprefix%2F%2F220209%2Fa%2F001.png%22%5D%7D%5D%2C%22version%22%3A%222.0%22%7D"
}
```


Output Example


```
{
"Response": {
"Credentials": {
"SessionToken": "**********",
"AccessKeyId": "**********",
"SecretAccessKey": "**********",
"Expiration": "2024-08-20T13:55:53Z"
},
"RequestId": "59a5e07e-4147-4d2e-a808-dca76ac5b3fd"
}
}
```


Example2 Apply for credentials to upload multiple files

Apply for credentials to upload multiple files.

Input Example


```
{
"SubAppId": 220209,
"DurationSeconds": 7200,
"Policy": "%7B%22statement%22%3A%5B%7B%22action%22%3A%5B%22name%2Fvod%3AInitiateMultipartUpload%22%2C%22name%2Fvod%3AListMultipartUploads%22%2C%22name%2Fvod%3AListParts%22%2C%22name%2Fvod%3AUploadPart%22%2C%22name%2Fvod%3ACompleteMultipartUpload%22%5D%2C%22effect%22%3A%22allow%22%2C%22resource%22%3A%5B%22qcs%3A%3Avod%3Aap-beijing%3Auid%2F251197738%3Aprefix%2F%2F220209%2Fa%2F1024x1024.png%22%2C%22qcs%3A%3Avod%3Aap-beijing%3Auid%2F251197738%3Aprefix%2F%2F220209%2Fa%2Fb%2Fc%2F1042x1042.png%22%2C%22qcs%3A%3Avod%3Aap-beijing%3Auid%2F251197738%3Aprefix%2F%2F220209%2Fpath%2F2060.gif_wh300.gif%22%5D%7D%5D%2C%22version%22%3A%222.0%22%7D"
}
```


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Output Example


```
{
"Response": {
"Credentials": {
"SessionToken": "*********************************",
"AccessKeyId": "*********************************",
"SecretAccessKey": "*********************************",
"Expiration": "2024-08-20T13:55:53Z"
},
"RequestId": "59a5e07e-4147-4d2e-a808-dca76ac5b3fd"
}
}
```


Example3 Apply for credentials to get all objects with a specified object key prefix in the bucket.

Apply for credentials to get all objects with a specified object key prefix in the bucket.

Input Example


```
{
"SubAppId": 220209,
"DurationSeconds": 7200,
"Policy": "%7B%22statement%22%3A%5B%7B%22action%22%3A%5B%22name%2Fvod%3AGetBucke
t%22%5D%2C%22effect%22%3A%22allow%22%2C%22resource%22%3A%5B%22qcs%3A%3Avod%3Aap-b
eijing%3Auid%2F251197738%3Aprefix%2F%2F220209%2F98gw6e1b4hds0zh%2F%22%5D%7D%5D%2
C%22version%22%3A%222.0%22%7D"
}
```


Output Example


```
{
"Response": {
"Credentials": {
"SessionToken": "*********************************",
"AccessKeyId": "*********************************",
"SecretAccessKey": "*********************************",
"Expiration": "2024-08-20T13:55:53Z"
},
"RequestId": "59a5e07e-4147-4d2e-a808-dca76ac5b3fd"
}
}
```


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Example4 Apply for credentials to automatically upload files nearby.

Apply for credentials to automatically upload files nearby.

Input Example


```
{
"SubAppId": 220209,
"DurationSeconds": 7200,
"Policy": "%7B%22statement%22%3A%5B%7B%22action%22%3A%5B%22name%2Fvod%3AInitiateMultipartUpload%22%2C%22name%2Fvod%3AListMultipartUploads%22%2C%22name%2Fvod%3AListParts%22%2C%22name%2Fvod%3AUploadPart%22%2C%22name%2Fvod%3ACompleteMultipartUpload%22%5D%2C%22effect%22%3A%22allow%22%2C%22resource%22%3A%5B%22qcs%3A%3Avod%3Auto%3Auid%2F251197738%3Aprefix%2F%2F220209%2Fauto%2F001.png%22%5D%7D%5D%2C%22version%22%3A%222.0%22%7D"
}
```


Output Example


```
{
"Response": {
"Credentials": {
"SessionToken": "**********************************",
"AccessKeyId": "**********************************",
"SecretAccessKey": "**********************************",
"Expiration": "2024-08-20T13:55:53Z"
},
"RequestId": "59a5e07e-4147-4d2e-a808-dca76ac5b3fd"
}
}
```


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

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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

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

Media processing related API ProcessMediaByProcedure

Last updated：2025-04-27 17:15:04

1. API Description

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

This API is used to start a task flow on a video.
There are two ways to create a task flow template:

1. Create and modify a task flow template in the console;
2. Create a task flow template using the `CreateProcedureTemplate` API.

If event notifications are used, the event type for moderation tasks is ReviewAudioVideoComplete, and that for other tasks is ProcedureStateChanged.

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: ProcessMediaByProcedure.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileId	Yes	String	Media file ID.

ProcedureName	Yes	String	Task flow template name.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
TasksPriority	No	Integer	Task flow priority. The higher the value, the higher the priority. Value range: -10-10. If this parameter is left empty, 0 will be used.
TasksNotifyMode	No	String	Notification mode for task flow status change. Valid values: Finish, Change, None. If this parameter is left empty, `Finish` will be used.
SessionContext	No	String	The source context which is used to pass through the user request information. The task flow status change callback will return the value of this field. It can contain up to 1,000 characters.
SessionId	No	String	Identification code used for deduplication. If there is a request with the same identification code within 7 days, this request will return an error. The maximum length is 50 characters, without or with an empty string to indicate no deduplication.
ExtInfo	No	String	Reserved field for special purposes.

3. Output Parameters

Parameter Name	Type	Description
TaskId	String	The task ID for the task type `Procedure`, if the task flow specified by `ProcedureName` includes one or more of `MediaProcessTask`, `AiAnalysisTask`, `AiRecognitionTask`, the task specified by this parameter will be executed.
ReviewAudioVideoTaskId	String	The task ID for the task type `ReviewAudioVideo`, if the task flow specified by `ProcedureName` includes `ReviewAudioVideoTask`, the task specified by this parameter will be executed.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons,

		the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Initiating a task to process a video according to a specified task flow template

This example shows you how to initiate a task flow named `TranscodeAndSnapshot` for the video whose `fileId` is 5285485487985271487.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ProcessMediaByProcedure
&FileId=5285485487985271487
&ProcedureName=TranscodeAndSnapshot
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-procedurev2-bffb15f07530b57bc1aabb01fac74bca",
"ReviewAudioVideoTaskId": ""
}
}
```

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

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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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.FileId	The `FileId` does not exist.
InvalidParameterValue.ProcedureName	The task flow template name is invalid.
InvalidParameterValue.SessionContextTooLong	`SessionContext` is too long.
InvalidParameterValue.SessionId	The deduplication ID already exists. The request is removed due to duplication.
InvalidParameterValue.SessionIdTooLong	`SessionId` is too long.
InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
InvalidParameterValue.UniqueIdentifier	The deduplication ID already exists on the same day. The request is removed due to duplication.
UnauthorizedOperation	Unauthorized operation.

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EditMedia

Last updated：2025-04-27 17:15:08

1. API Description

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

Edit the video (cut, splice, etc.) to generate a new video. The editing functions include:

1. Edit a file in the VOD video to generate a new video;
2. Splice multiple files to generate a new video;
3. Edit multiple files and then splice them to generate a new video;
4. Directly generate a new video for a stream;
5. Edit a stream to generate a new video. Video;
6. Splice multiple streams to generate a new video;
7. Clip and then splice multiple streams to generate a new video.

For the generated new video, you can also specify whether the generated video needs to execute the task flow.

> When editing or splicing live streams, please make sure to do so after the stream is over. Otherwise the resulting video may be incomplete.

If event notification is used, the type of event notification is Video editing completed.

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	Required	Type	Description

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Name			
Action	Yes	String	Common Params. The value used for this API: EditMedia.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
InputType	Yes	String	Input the type of video. The possible values u200bu200bare File and Stream.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
FileInfos.N	No	Array of EditMediaFileInfo	Input video file information, required when InputType is File.
StreamInfos.N	No	Array of EditMediaStreamInfo	nput stream information, required when InputType is Stream.
Definition	No	Integer	EditMedia template ID. The values u200bu200bare 10 and 20. If left blank, the 10 template is used. • 10: When splicing, the input with the highest resolution is used as the benchmark; • 20: When splicing, the input with the highest code rate is used as the benchmark.
ProcedureName	No	String	Task flow template name, if you want Fill in when executing the task flow on the generated new video.
OutputConfig	No	EditMediaOutputConfig	The file configuration generated after editing.
SessionContext	No	String	Identifies the source context, which is used to transparently transmit user request information. This field value will be returned in the EditMediaComplete callback and task flow status change callback, with a maximum length of 1000 characters.
TasksPriority	No	Integer	The priority of the task. The larger the value, the

			higher the priority. The value range is -10 to 10. If left blank, it means 0.
SessionId	No	String	The identification code used for task deduplication. If there is a request with the same identification code within three days, this request will return an error. The maximum length is 50 characters, without or with an empty string to indicate no deduplication.
ExtInfo	No	String	Reserved fields, used for special purposes.

3. Output Parameters

Parameter Name	Type	Description
TaskId	String	The task ID of the video editing. You can use this ID to query the status of the editing task (task type is EditMedia).
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 For a stream, directly generate a new video

Generate a new on-demand video for a live recording stream with ID 99873

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=EditMedia
&InputType=Stream
&StreamInfos.0.StreamId=99873
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
```

```
"TaskId": "125xxx65-EditMedia-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

Example2 Clip a stream to generate a new video

For a live recording stream with ID 99873, edit the clips from 10:00:00 to 11:00:00 on 2018-09-20 to generate a new on-demand video

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=EditMedia
&InputType=Stream
&StreamInfos.0.StreamId=99873
&StreamInfos.0.StartTime=2018-09-20T10:00:00Z
&StreamInfos.0.EndTime=2018-09-20T11:00:00Z
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-clipMedia-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

Example3 Splice multiple streams to generate a new video

Splice the three live recording streams with IDs 99873, 99874 and 99875 to generate a new on-demand video

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=EditMedia
&InputType=Stream
&StreamInfos.0.StreamId=99873
&StreamInfos.1.StreamId=99874
&StreamInfos.2.StreamId=99875
&<Public Request Parameter>
```

Output Example

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

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```
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-clipMedia-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

Example4 Edit a file to generate a new video

Edit the clip from 60 seconds to 120 seconds of 5285485487985271487 to generate a new on-demand video

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=EditMedia
&InputType=File
&FileInfos.0.FileId=5285485487985271487
&FileInfos.0.StartTimeOffset=60.0
&FileInfos.0.EndTimeOffset=120.0
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-EditMedia-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

Example5 Splice multiple files to generate a new video

Splice three videos 5285485487985271487, 5285485487985271488, 5285485487985271489 to generate a new on-demand video

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=EditMedia
&InputType=File
&FileInfos.0.FileId=5285485487985271487
&FileInfos.1.FileId=5285485487985271488
&FileInfos.2.FileId=5285485487985271489
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-EditMedia-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

Example6 Edit multiple streams in the on-demand video and then splice them together to generate a new video

Cut out the three live recording streams with IDs 99873, 99874 and 99875, respectively, from 10:00:00 to 11:00:00 on 2018-09-20, and splice them to generate a new on-demand video.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=EditMedia
&InputType=Stream
&StreamInfos.0.StreamId=99873
&StreamInfos.0.StartTime=2018-09-20T10:00:00Z
&StreamInfos.0.EndTime=2018-09-20T11:00:00Z
&StreamInfos.1.StreamId=99874
&StreamInfos.1.StartTime=2018-09-20T10:00:00Z
&StreamInfos.1.EndTime=2018-09-20T11:00:00Z
&StreamInfos.2.StreamId=99875
&StreamInfos.2.StartTime=2018-09-20T10:00:00Z
&StreamInfos.2.EndTime=2018-09-20T11:00:00Z
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-clipMedia-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

Example7 Edit multiple files and then splice them together to generate a new video

Edit the three videos 5285485487985271487, 5285485487985271488, 5285485487985271489 respectively (edit the clips from 60 seconds to 120 seconds), and then splice them together to generate a new on-demand video

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=EditMedia
&InputType=File
&FileInfos.0.FileId=5285485487985271487
&FileInfos.0.StartTimeOffset=60.0
&FileInfos.0.EndTimeOffset=120.0
&FileInfos.1.FileId=5285485487985271488
&FileInfos.1.StartTimeOffset=60.0
&FileInfos.1.EndTimeOffset=120.0
&FileInfos.2.FileId=5285485487985271489
&FileInfos.2.StartTimeOffset=60.0
&FileInfos.2.EndTimeOffset=120.0
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-EditMedia-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

Example8 Edit a file, generate a new video, and execute the task flow on the new video.

Edit the clip from 60 seconds to 120 seconds of 5285485487985271487, generate a new on-demand video, and execute the task flow TranscodeAndSnapshot

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=EditMedia
&InputType=File
&FileInfos.0.FileId=5285485487985271487
&FileInfos.0.StartTimeOffset=60.0
&FileInfos.0.EndTimeOffset=120.0
&ProcedureName=TranscodeAndSnapshot
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-clipMedia-bffb15f07530b57bc1aabb01fac74bca"
```

```
}
}
```

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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue.SessionContextTooLong	`SessionContext` is too long.
InvalidParameterValue.SessionId	The deduplication ID already exists. The request is removed due to duplication.
InvalidParameterValue.SessionIdTooLong	`SessionId` is too long.

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InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
ResourceNotFound	The resource does not exist.
UnauthorizedOperation	Unauthorized operation.

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ComposeMedia

Last updated：2025-04-27 17:15:10

1. API Description

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

This API is used to compose a media file. You can use it to do the following:

1. **Rotation/Flipping**: Rotate a video or image by a specific angle or flip a video or image.
2. **Audio control**: Increase/Lower the volume of an audio/video file or mute an audio/video file.
3. **Overlaying**: Overlay videos/images in a specified sequence to achieve the picture-in-picture effect.
4. **Audio mixing**: Mix the audios of audio/video files.
   5 **Audio extraction**: Extract audio from a video.
5. **Clipping**: Clip segments from audio/video files according to a specified start and end time.
6. **Splicing**: Splice videos/audios/images in a specified sequence.
7. **Transition**: Add transition effects between video segments or images that are spliced together.

The output file is in MP4 or MP3 format. In the callback for media composition, the event type is ComposeMediaComplete.

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: ComposeMedia.

Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Tracks.N	Yes	Array of MediaTrack	List of input media tracks, including video, audio, and image tracks. • Input tracks are synced to the output media file. • Input tracks are synced to each other. Videos and images in higher tracks are superimposed over those in lower tracks. Audio tracks are mixed. • There can be up to 10 tracks for video, audio, and images each. • The total number of clips in all tracks cannot exceed 500.
Output	Yes	ComposeMediaOutput	Information of output media file.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Canvas	No	Canvas	Canvas used for composing video file.
SessionContext	No	String	Used to pass through user request information. `ComposeMediaComplete` callback will return the value of this parameter. It contains up to 1,000 characters.
SessionId	No	String	Used to identify duplicate requests. After you send a request, if any request with the same `SessionId` has already been sent in the last three days (72 hours), an error message will be returned. `SessionId` contains up to 50 characters. If this parameter is not carried or is an empty string, no deduplication will be performed.

3. Output Parameters

Parameter Name	Type	Description

TaskId	String	Media file composing task ID, which can be used to query the status of composing task (with task type being `MakeMedia`).
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Add new audio to video

Eliminate the original audio of 5285485487985271487, use 5285485487985271488 for dubbing starting from 5 seconds, use 2 to 16 seconds of 5285485487985271489 starting from 20 seconds for dubbing, and generate a new video.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ComposeMedia
<Public request parameters>

{
"Output": {
"Container": "mp4",
"FileName": "test"
},
"Tracks": [
{
"TrackItems": [
{
"Type": "Empty",
"EmptyItem": {
"Duration": "5"
}
},
{
"AudioItem": {
"SourceMedia": "5285485487985271488",
"Duration": "15"
},
"Type": "Audio"
},
```

```
{
"AudioItem": {
"Duration": "14",
"SourceMedia": "5285485487985271489",
"SourceMediaStartTime": "2"
},
"Type": "Audio"
}
],
"Type": "Audio"
},
{
"TrackItems": [
{
"Type": "Video",
"VideoItem": {
"SourceMedia": "5285485487985271487",
"AudioOperations": [
{
"VolumeParam": {
"Mute": "1"
},
"Type": "Volume"
}
]
}
}
],
"Type": "Video"
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-ComposeMedia-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

Example2 Crop and splice two video streams together

Take the 2nd to 62nd second of 5285485487985271487 and the 6th to 81st second of 5285485487985271488 for splicing. Set a 5-second fade-in and fade-out transition in the middle. Paste a picture 5285485487985271489 from 3 seconds to 18 seconds of the video. The position is (20px , 20px), width and height (100px, 100px).

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ComposeMedia
<Public request parameters>

{
"Output": {
"Container": "mp4",
"FileName": "test"
},
"Tracks": [
{
"TrackItems": [
{
"StickerItem": {
"CoordinateOrigin": "TopLeft",
"XPos": "20px",
"YPos": "20px",
"Height": "100px",
"Width": "100px",
"StartTime": "3",
"Duration": "15",
"SourceMedia": "5285485487985271489"
},
"Type": "Sticker"
}
],
"Type": "Sticker"
},
{
"TrackItems": [
{
"TransitionItem": {
"Duration": "5",
"MediaTransitions": [
{
"Type": "ImageFadeInFadeOut"
}
]
```

```
},
"Type": "Transition"
},
{
"Type": "Video",
"VideoItem": {
"Duration": "60",
"SourceMedia": "5285485487985271487",
"SourceMediaStartTime": "2"
}
},
{
"Type": "Video",
"VideoItem": {
"Duration": "75",
"SourceMedia": "5285485487985271488",
"SourceMediaStartTime": "6"
}
}
],
"Type": "Video"
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-ComposeMedia-bffb15f07530b57bc1aabb01fac74bc2"
}
}
```

Example3 Use one video as a picture-in-picture for another video

Use the video of 5285485487985271487 as the main picture of the picture-in-picture; use the video of 5285485487985271488 as the sub-picture of the picture-in-picture; the center of the sub-picture is offset by 25% of the main picture (that is, in the lower right corner of the main picture), and the width accounts for 30% of the picture.

Input Example

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

```
X-TC-Action: ComposeMedia
<Public request parameters>

{
"Output": {
"Container": "mp4",
"FileName": "test"
},
"Tracks": [
{
"TrackItems": [
{
"Type": "Video",
"VideoItem": {
"CoordinateOrigin": "Center",
"Width": "30%",
"SourceMedia": "5285485487985271488",
"XPos": "25%",
"YPos": "25%"
}
}
],
"Type": "Video"
},
{
"TrackItems": [
{
"Type": "Video",
"VideoItem": {
"SourceMedia": "5285485487985271487"
}
}
],
"Type": "Video"
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-ComposeMedia-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

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.InvalidVodUser	The VOD service is not activated.
FailedOperation.UploadCosFail	Operation failed: failed to upload file to COS.
InternalError	Internal error.
InternalError.GetFileInfoError	Internal error: an error occurred while getting media file information.
InternalError.GetMediaListError	Internal error: an error occurred while getting the media list.
InvalidParameter	Invalid parameter.
InvalidParameterValue.ClipDuration	Incorrect parameter value: the clipping duration is too long.

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InvalidParameterValue.SessionContextTooLong	`SessionContext` is too long.
InvalidParameterValue.SessionId	The deduplication ID already exists. The request is removed due to duplication.
UnauthorizedOperation	Unauthorized operation.

RemoveWatermark

Last updated：2025-04-27 17:15:03

1. API Description

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

This API is used to remove watermarks from a video.

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: RemoveWatermark.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileId	Yes	String	The ID of the media file.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
SessionId	No	String	The session ID, which is used for de-duplication. If there was a request with the same session ID in the last seven days, an error will be returned for the current request. The session ID can

			contain up to 50 characters. If you do not pass this parameter or pass in an empty string, duplicate sessions will not be identified.
SessionContext	No	String	The source context, which is used to pass through user request information. The `ProcedureStateChanged` callback will return the value of this parameter. It can contain up to 1,000 characters.
TasksPriority	No	Integer	The priority of a task flow. The higher the value, the higher the priority. Value range: [-10, 10]. If this parameter is left empty, 0 will be used.
TasksNotifyMode	No	String	This parameter is invalid now.

3. Output Parameters

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

4. Example

Example1 Starting a watermark removal task

This example shows you how to start a watermark removal task for the file whose `FileId` is `5285485487985271487`.

Input Example

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

{
```

```
"FileId": "5285485487985271487"
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-RemoveWatermark-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

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.InvalidVodUser	The VOD service is not activated.

FailedOperation.TaskDuplicate	Operation failed: the task already exists.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.FileId	The `FileId` does not exist.
InvalidParameterValue.SessionContextTooLong	`SessionContext` is too long.
InvalidParameterValue.SessionId	The deduplication ID already exists. The request is removed due to duplication.
InvalidParameterValue.SessionIdTooLong	`SessionId` is too long.
InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
UnauthorizedOperation	Unauthorized operation.

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SplitMedia

Last updated：2025-04-27 17:15:01

1. API Description

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

Split the video into strips to generate multiple new videos.

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: SplitMedia.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileId	Yes	String	The video ID.
Segments.N	Yes	Array of SplitMediaTaskConfig	Video splitting task information list, supporting up to 100 splitting messages at the same time.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application**

			or a newly created one), they must fill in this field with the application ID.
SessionContext	No	String	Identifies the source context, which is used to transparently transmit user request information. This field value will be returned in the SplitMediaComplete callback and task flow status change callback, with a maximum length of 1000 characters.
SessionId	No	String	The identification code used for task deduplication. If there is a request with the same identification code within three days, this request will return an error. The maximum length is 50 characters, without or with an empty string to indicate no deduplication.
TasksPriority	No	Integer	The priority of the task. The larger the value, the higher the priority. The value range is -10 to 10. If left blank, it means 0.

3. Output Parameters

Parameter Name	Type	Description
TaskId	String	The task ID of video splitting. You can use this ID to query the status of the splitting task (task type is SplitMedia).
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Split the video file into two new videos

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=SplitMedia
&FileId=5285485487985271487
&Segments.0.StartTimeOffset=40.0
&Segments.0.EndTimeOffset=50.0
```

```
&Segments.1.StartTimeOffset=60.0
&Segments.1.EndTimeOffset=70.0
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-SplitMedia-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue.SessionContextTooLong	`SessionContext` is too long.
InvalidParameterValue.SessionId	The deduplication ID already exists. The request is removed due to duplication.
InvalidParameterValue.SessionIdTooLong	`SessionId` is too long.
InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
ResourceNotFound	The resource does not exist.
UnauthorizedOperation	Unauthorized operation.

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ProcessMedia

Last updated：2025-04-27 17:15:05

1. API Description

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

Initiate processing tasks for media file in VOD, including:

1. Video transcoding (with Watermark);
2. Video to animated image;
3. Screencapturing the video at specified Time point;
4. Sampled screenshot of the video;
5. Generated Image sprite template from the video;
6. Generated a cover image from the video;
7. Adaptive Bitrate Streaming for the video (with encryption);
8. Content Moderation (offensive Information, unsafe Information, inappropriate Information), it is not recommended to use this API, recommend using Video moderation(ReviewAudioVideo) or Image moderation(ReviewImage);
9. Content analysis (tag, category, cover, frame-by-frame tag);
0. Content recognition (video intro and outro, face, Text, keyword, voice, Key object).

If using event notification, the event notification type is task flow status change.

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: ProcessMedia.

Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileId	Yes	String	Media file ID, i.e., the globally unique ID of a file in VOD assigned by the VOD backend after successful upload. This field can be obtained through the video upload completion event notification or VOD Console.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
MediaProcessTask	No	MediaProcessTaskInput	Parameter of video processing task.
AiContentReviewTask	No	AiContentReviewTaskInput	The information of the audio/video moderation task*. This parameter is *no longer recommended. Please use ReviewAudioVideo or ReviewImage instead.
AiAnalysisTask	No	AiAnalysisTaskInput	Video content analysis task parameter.
AiRecognitionTask	No	AiRecognitionTaskInput	Type parameter of video content recognition task.
TasksPriority	No	Integer	Task flow priority. The higher the value, the higher the priority. Value range: -10-10. If this parameter is left empty, 0 will be used.
TasksNotifyMode	No	String	Notification mode for task flow status change. Valid values: Finish, Change, None. If this parameter is left empty, `Finish` will be used.
SessionContext	No	String	The source context which is used to

			pass through the user request information. The task flow status change callback will return the value of this field. It can contain up to 1,000 characters.
SessionId	No	String	Used to identify duplicate requests. After you send a request, if any request with the same `SessionId` has already been sent in the last three days (72 hours), an error message will be returned. `SessionId` contains up to 50 characters. If this parameter is not carried or is an empty string, no deduplication will be performed.
ExtInfo	No	String	Reserved field for special purposes.

3. Output Parameters

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

4. Example

Example1 Initiate a transcoding task

Initiate a transcoding task for the video with fileId 5285485487985271487, and export three specifications. The transcoding template IDs used are 20, 30, and 40.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ProcessMedia
<Public Request Parameter>
```

```
{
"MediaProcessTask": {
"TranscodeTaskSet": [
{
"Definition": 30
},
{
"Definition": 20
},
{
"Definition": 40
}
]
},
"FileId": "5285485487985271487"
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-procedurev2-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

Example2 Initiate a content review task

Initiate a content review task (offensive information, unsafe information, inappropriate information) for the video with fileId 5285485487985271487. The content review template ID used is 10.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ProcessMedia
<Public Request Parameter>

{
"AiContentReviewTask": {
"Definition": 10
},
```

```
"FileId": "5285485487985271487"
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-procedurev2-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

Example3 Initiate a content identification task

Initiate a content recognition task (including face recognition) on the video with fileId 5285485487985271487, and use the content recognition template ID 10.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ProcessMedia
<Public Request Parameter>

{
"AiRecognitionTask": {
"Definition": 10
},
"FileId": "5285485487985271487"
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc70006fje1",
"TaskId": "125xxx65-procedurev2-bffb15f07586237bcecodb01fac7kdabc"
}
}
```

Example4 Initiate a watermarked transcoding task

Initiate a transcoding task for the video with fileId 5285485487985271487, and export three specifications. The transcoding template IDs used are 20, 30, and 40 respectively; and all transcoded videos are watermarked, and the template ID of the watermark is 15780.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ProcessMedia
<Public Request Parameter>

{
"MediaProcessTask": {
"TranscodeTaskSet": [
{
"Definition": 30,
"WatermarkSet": [
{
"Definition": 15780
}
]
},
{
"Definition": 20,
"WatermarkSet": [
{
"Definition": 15780
}
]
},
{
"Definition": 40,
"WatermarkSet": [
{
"Definition": 15780
}
]
}
]
},
"FileId": "5285485487985271487"
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-procedurev2-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

Example5 Initiate an intelligent content analysis task

Initiate a content analysis task (including smart classification, smart label, smart cover) for the video with fileId 5285485487985271487. The content analysis template ID used is 10.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ProcessMedia
<Public Request Parameter>

{
"AiAnalysisTask": {
"Definition": 10
},
"FileId": "5285485487985271487"
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-procedurev2-bffb15f07586237bcecodb01fac7kdikk"
}
}
```

Example6 Initiate transcoding and sampling screenshot tasks

Initiate a transcoding task for the video with fileId 5285485487985271487, and export three specifications. The transcoding template IDs used are 20, 30, and 40 respectively. At the same time, sample screenshots are also taken of the video, and the template ID of the sample screenshots used is 10.

Input Example

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```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ProcessMedia
<Public Request Parameter>

{
"MediaProcessTask": {
"TranscodeTaskSet": [
{
"Definition": 30
},
{
"Definition": 20
},
{
"Definition": 40
}
],
"SampleSnapshotTaskSet": [
{
"Definition": 10
}
]
},
"FileId": "5285485487985271487"
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-procedurev2-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

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.InvalidVodUser	The VOD service is not activated.
FailedOperation.NoNeedToReduceMediaBitrate	No need to reduce the bitrate.
FailedOperation.TaskDuplicate	Operation failed: the task already exists.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.AiAnalysisTaskDefinition	Incorrect parameter value: `Definition` for AI-based analysis.
InvalidParameterValue.AiContentReviewTaskDefinition	Incorrect parameter value: `Definition` AI-based content audit.
InvalidParameterValue.AiRecognitionTaskDefinition	Incorrect parameter value: `Definition` for AI-based recognition.
InvalidParameterValue.FileId	The `FileId` does not exist.

InvalidParameterValue.SessionContextTooLong	`SessionContext` is too long.
InvalidParameterValue.SessionId	The deduplication ID already exists. The request is removed due to duplication.
InvalidParameterValue.SessionIdTooLong	`SessionId` is too long.
InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
UnauthorizedOperation	Unauthorized operation.

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ReviewAudioVideo

Last updated：2025-04-27 17:15:02

1. API Description

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

This API is used to start a moderation task on a file stored in VOD to detect non-compliant content in images, text, speech, and voice.

If event notifications are used, the event type is ReviewAudioVideoComplete.

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: ReviewAudioVideo.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileId	Yes	String	The media file ID, which is assigned after upload and uniquely identifies a file in VOD. You can view the ID of a file in the NewFileUpload callback or in the VOD console.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

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ReviewContents.N	No	Array of String	The type of moderated content. Valid values: • `Media` : The original audio/video. • `Cover` : Thumbnails. If this parameter is not specified or an empty array is passed in, `Media` will be used.
Definition	No	Integer	The moderation template ID. Valid values: • 10 (default): The preset template, whose violation labels are `Porn` and `Terror` .
TasksPriority	No	Integer	The priority of a task flow. The higher the value, the higher the priority. Value range: [-10, 10]. If this parameter is left empty, 0 will be used.
SessionContext	No	String	The source context, which is used to pass through user request information. The `ReviewAudioVideoComplete` callback will return the value of this parameter. It can contain up to 1,000 characters.
SessionId	No	String	The session ID, which is used to identify duplicate requests. If there was a request with the same session ID in the last three days, an error will be returned for the current request. The session ID can contain up to 50 characters. If you do not pass this parameter or pass in an empty string, duplicate sessions will not be identified.
ExtInfo	No	String	A reserved parameter.

3. Output Parameters

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

4. Example

Example1 Starting a moderation task

This example shows you how to start a moderation task on a file whose file ID is `5285485487985271487` .

Input Example

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

{
"FileId": "5285485487985271487"
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-ReviewAudioVideo-bffb15f07530b57bc1aabb01fac74bcb"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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- 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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.SessionContextTooLong	`SessionContext` is too long.
InvalidParameterValue.SessionId	The deduplication ID already exists. The request is removed due to duplication.
InvalidParameterValue.SessionIdTooLong	`SessionId` is too long.
LimitExceeded	Quota limit is exceeded.
ResourceNotFound	The resource does not exist.

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DescribeFileAttributes

Last updated：2025-04-27 17:15:08

1. API Description

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

This API is used to get file attributes asynchronously.

- Currently, this API can only get the MD5 hash of a file.
- If the file queried is in HLS or DASH format, the attributes of the index file will be returned.

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: DescribeFileAttributes.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileId	Yes	String	The file ID.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

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SessionId	No	String	The session ID, which is used for de-duplication. If there was a request with the same session ID in the last three days, an error will be returned for the current request. The session ID can contain up to 50 characters. If you do not pass this parameter or pass in an empty string, duplicate sessions will not be identified.
SessionContext	No	String	The source context, which is used to pass through user request information. The `ProcedureStateChanged` callback will return the value of this parameter. It can contain up to 1,000 characters.
TasksPriority	No	Integer	The task priority. The higher the value, the higher the priority. Value range: -10-10. If this parameter is left empty, 0 will be used.
ExtInfo	No	String	A reserved parameter.

3. Output Parameters

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

4. Example

Example1 Initiating a task to get the attributes of a file

This example shows you how to initiate a task to get the attributes of the file whose file ID is 5285485487985271487.

Input Example

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

{
```

```
"FileId": "5285485487985271487"
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-DescribeFileAttributes-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

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.InvalidVodUser	The VOD service is not activated.

FailedOperation.TaskDuplicate	Operation failed: the task already exists.
InternalError	Internal error.
InternalError.GetFileInfoError	Internal error: an error occurred while getting media file information.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.FileId	The `FileId` does not exist.
InvalidParameterValue.SessionContextTooLong	`SessionContext` is too long.
InvalidParameterValue.SessionId	The deduplication ID already exists. The request is removed due to duplication.
InvalidParameterValue.SessionIdTooLong	`SessionId` is too long.
InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
UnauthorizedOperation	Unauthorized operation.

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EnhanceMediaQuality

Last updated：2025-04-27 17:15:07

1. API Description

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

Initiate a Remaster task for audio and video media in VOD

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: EnhanceMediaQuality.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileId	Yes	String	Media file ID, that is, the globally unique identifier of the file on VOD, which is assigned by the VOD backend after successful upload. This field can be obtained from video upload completion event notification or vod console.
Definition	Yes	Integer	Remaster template ID, please contact

			Tencent Cloud for details
SubAppId	No	Integer	**VOD Subapplication ID. If you want to access resources in the Subapplication, enter the Subapplication ID in this field; otherwise, you do not need to fill in this field.**
OutputConfig	No	EnhanceMediaQualityOutputConfig	Configuration of media files after Remaster
SessionId	No	String	The identification code used for deduplication. If there has been a request with the same identification code within three days, this request will return an error. Up to 50 characters, without or with an empty string means no deduplication
SessionContext	No	String	Source context, used to pass through user request information, Remaster completion callback will return this field value, up to 1000 characters
TasksPriority	No	Integer	The priority of the task, the higher the value, the higher the priority, the range is -10 to 10, not filled in means 0

3. Output Parameters

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

4. Example

Example1 Initiate a Remaster task

Initiate a Remaster task for the video with fileId 5285485487985271487

Input Example

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

{
"FileId": "5285485487985271487",
"Definition": 10
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-EnhanceMediaQuality-bffb15f07530b57bc1aabb01fac74bcc"
}
}
```

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

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- 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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.SessionContextTooLong	`SessionContext` is too long.
InvalidParameterValue.SessionId	The deduplication ID already exists. The request is removed due to duplication.
InvalidParameterValue.SessionIdTooLong	`SessionId` is too long.

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InspectMediaQuality

Last updated：2025-04-27 17:15:06

1. API Description

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

Initiate media quality inspection 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: InspectMediaQuality.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileId	Yes	String	Media file ID, i.e., the globally unique ID of a file in VOD assigned by the VOD backend after successful upload. This field can be obtained through the video upload completion event notification or VOD Console.
Definition	Yes	Integer	Media quality inspect template ID.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default**

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			application or a newly created one), they must fill in this field with the application ID.
TasksPriority	No	Integer	The priority of the task, the higher the numeric value, the higher the priority. The range is from -10 to 10, and not filled represents 0.
SessionContext	No	String	The source context which is used to pass through the user request information. After `Procedure` is specified, the task flow status change callback will return the value of this field. It can contain up to 1,000 characters.
SessionId	No	String	Used to identify duplicate requests. After you send a request, if any request with the same `SessionId` has already been sent in the last three days (72 hours), an error message will be returned. `SessionId` contains up to 50 characters. If this parameter is not carried or is an empty string, no deduplication will be performed.
ExtInfo	No	String	Retain field, using when special purpose.

3. Output Parameters

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

4. Example

Example1 Initiate media quality inspection task

Initiate media quality inspection task for the video with fileId 5285485487985271487.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: InspectMediaQuality
<Public Request Parameter>
```

```
{
"FileId": "5285485487985271487",
"Definition": 20001
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx65-InspectMediaQuality-bffb15f07530b57bc1aabb01fac74bcc"
}
}
```

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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.SessionContextTooLong	`SessionContext` is too long.
InvalidParameterValue.SessionId	The deduplication ID already exists. The request is removed due to duplication.
InvalidParameterValue.SessionIdTooLong	`SessionId` is too long.

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RebuildMedia

Last updated：2025-04-27 17:14:44

1. API Description

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

Initiate rebuild media

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: RebuildMedia.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileId	Yes	String	The file ID.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in**

			this field with the application ID.
StartTimeOffset	No	Float	The start offset (seconds). If you do not specify this, the segment will start from the beginning of the video.
EndTimeOffset	No	Float	The end offset (seconds). If you do not specify this, the segment will end at the end of the video.
RepairInfo	No	RepairInfo	The video quality remastering parameters.
VideoFrameInterpolationInfo	No	VideoFrameInterpolationInfo	The smart frame interpolation parameters.
SuperResolutionInfo	No	SuperResolutionInfo	The super resolution parameters.
HDRInfo	No	HDRInfo	The high dynamic range (HDR) parameters.
VideoDenoiseInfo	No	VideoDenoiseInfo	The image noise removal parameters.
AudioDenoiseInfo	No	AudioDenoiseInfo	The noise removal parameters.
ColorInfo	No	ColorEnhanceInfo	The color enhancement parameters.
SharpInfo	No	SharpEnhanceInfo	The detail enhancement parameters.
FaceInfo	No	FaceEnhanceInfo	The face enhancement parameters.
LowLightInfo	No	LowLightEnhanceInfo	The low-light enhancement parameters.
ScratchRepairInfo	No	ScratchRepairInfo	The banding removal parameters.
ArtifactRepairInfo	No	ArtifactRepairInfo	The artifact removal (smoothing) parameters.
TargetInfo	No	RebuildMediaTargetInfo	The output parameters of the file.

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SessionId	No	String	The session ID, which is used for de-duplication. If there was a request with the same session ID in the last three days, an error will be returned for the current request. The session ID can contain up to 50 characters. If you do not pass this parameter or pass in an empty string, duplicate sessions will not be identified.
SessionContext	No	String	The source context, which is used to pass through user request information. The `ProcedureStateChanged` callback will return the value of this parameter. It can contain up to 1,000 characters.
TasksPriority	No	Integer	The task priority, which can be a value from -10 to 10. The higher the value, the higher the priority. If this parameter is left empty, 0 will be used.
ExtInfo	No	String	A reserved parameter.

3. Output Parameters

Parameter Name	Type	Description
TaskId	String	The task ID of the Enhance Media. You can use this ID to query the status of the EnhanceMedia task.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

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Example1 Initiate Rebuild Media

Initiate Rebuild Media

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: RebuildMedia
<Public Request Parameter>

{
"SuperResolutionInfo": {
"Switch": "ON"
},
"VideoFrameInterpolationInfo": {
"Switch": "ON",
"Fps": "25"
},
"FileId": "8312960950918954859",
"RepairInfo": {
"Switch": "ON"
},
"TargetInfo": {
"Container": "mp4",
"MediaName": "String",
"Description": "String"
}
}
```

Output Example

```
{
"Response": {
"TaskId": "125xxx-RebuildMedia-75e45d323ffad76987112fafe2eb87dxxx",
"RequestId": "ef5aae86-6eab-4cb3-9ebc-0979010b3f22"
}
}
```

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.
InvalidParameterValue.SessionId	The deduplication ID already exists. The request is removed due to duplication.

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EnhanceMediaByTemplate

Last updated：2025-04-27 17:14:50

1. API Description

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

Enhance Media By 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: EnhanceMediaByTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileId	Yes	String	File ID.
Definition	Yes	Integer	Enhance Media Template ID.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created**

			one), they must fill in this field with the application ID.
StartTimeOffset	No	Float	Starting offset time, unit: seconds, leaving it blank means intercepting from the beginning of the video.
EndTimeOffset	No	Float	End offset time, unit: seconds, leaving it blank means intercepting to the end of the video.
OutputConfig	No	RebuildMediaOutputConfig	File configuration after Enhance.
SessionId	No	String	The identification code used for deduplication. If there is a request for the same identification code within three days, this request will return an error. The maximum length is 50 characters, without or with an empty string to indicate no deduplication.
SessionContext	No	String	Source context, used to transparently transmit user request information. The task flow status change callback will return the value of this field, which can be up to 1000 characters.
TasksPriority	No	Integer	The priority of the task. The larger the value, the higher the priority. The value range is -10 to 10. If left blank, it means 0.
ExtInfo	No	String	Reserved fields, used for special purposes.

3. Output Parameters

Parameter Name	Type	Description
TaskId	String	The task ID of the Enhance Media. You can use this ID to query the status of the EnhanceMedia task.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Enhance Media By Template

Enhance Media By Template.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: EnhanceMediaByTemplate
<Public Request Parameter>

{
"FileId": "8312960950918954859",
"Definition": 20001
}
```

Output Example

```
{
"Response": {
"TaskId": "125xxx-RebuildMedia-75e45d323ffad76987112fafe2eb87dxxx",
"RequestId": "ef5aae86-6eab-4cb3-9ebc-0979010b3f22"
}
}
```

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
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Command Line Interface

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6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

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CreateComplexAdaptiveDynamicStreamingTask

Last updated：2025-04-27 17:15:09

1. API Description

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

Initiate an adaptive bitrate streaming processing task, with the following features:

1. Output HLS and MPEG-DASH adaptive streams based on the specified templates;
2. DRM options for the adaptive bitrate streaming include no encryption, Widevine, or FairPlay.
3. The output adaptive bitrate streaming can include multiple audio streams in different languages, with each language sourced from different media files.
4. The output adaptive stream can also include multiple subtitle streams in different languages.

Notes:

1. When using opening/closing credits, the video stream in the opening credit must be synchronized with the audio stream; otherwise, it will result in audio and video desynchronization in the output content.
2. If the output adaptive bitrate streaming needs to include audio from the main media, the FileId of the main media must be specified in the AudioSet parameter.
3. Subtitles must be added to the main media beforehand, which can be done through the ModifyMediaInfo API interface or the Video Management page in the console.
4. Support for TESHD transcoding and watermarking is currently not available.

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.

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Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. Tl CreateComplexAdap
Version	Yes	String	Common Params. Tl 2018-07-17.
Region	No	String	Common Params. Tl
SubAppId	Yes	Integer	The VOD applicatior
FileId	Yes	String	Media ID of the main
StreamParaSet.N	Yes	Array of ComplexAdaptiveDynamicStreamingTaskStreamPara	Adaptive bitrate stre supporting up to 8 er
HeadTailSet.N	No	Array of HeadTailTaskInput	List of video opening template IDs, suppor field is filled in, the st specified in AudioSe automatically adjuste main media.
AudioSet.N	No	Array of ComplexAdaptiveDynamicStreamingTaskAudioInput	Audio media parame entries. Each array e audio stream in the c audio stream from th output, you also nee of elements in the ar of audio streams in t file contains both vid video stream will be
SubtitleSet.N	No	Array of ComplexAdaptiveDynamicStreamingTaskSubtitleInput	List of subtitle IDs, s Each array element c stream in the output. array will determine t output.

3. Output Parameters

Parameter Name	Type	Description

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

4. Example

Example1 Initiate an adaptive bitrate streaming processing task

Transcode a media file (with video and Chinese audio) and package it into adaptive bitrate streaming, while additionally adding a opening credit, English audio, Chinese subtitles, and English subtitles. The FileId of the main media is 4424135347909043783, and both Chinese and English subtitles have been set; the FileId of the English audio that matches the main media is 4424135347909043652; the adaptive streaming template is 220368; and the head tail template for the opening credit is 14591.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateComplexAdaptiveDynamicStreamingTask
<Public Request Parameter>

{
"SubAppId": 1250000000,
"FileId": "4424135347909043783",
"StreamParaSet": [
{
"Definition": 220368
}
],
"HeadTailSet": [
{
"Definition": 14591
}
],
"AudioSet": [
{
"FileId": "4424135347909043783",
"Name": "Chinese",
"Language": "zh",
"Default": "YES"
},
```

```
{
"FileId": "4424135347909043652",
"Name": "English",
"Language": "en"
}
],
"SubtitleSet": [
{
"Id": "Chinese",
"Default": "YES"
},
{
"Id": "English"
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "2e1af3fa-a55f-4078-9d61-df448c1e6e34",
"TaskId": "1250000000-ComplexAdaptiveDynamicStreaming-a9e3993dd4fdee822862cd80c43ac4c4t"
}
}
```

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++

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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.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
UnauthorizedOperation	Unauthorized operation.

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Storage APIs
CreateStorage

Last updated：2025-06-30 15:39:13

1. API Description

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

This API is used to create storage for professional applications.

Note:

- This API is exclusively for professional applications.
- When a customer creates a VOD professional application, the system automatically enables storage in certain regions by default. If the customer needs to enable storage in other regions, they can do so using this API.
- All storage regions and the regions where storage have already been enabled can be queried using the DescribeStorageRegions 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: CreateStorage.
Version	Yes	String	Common Params. The value used for this API: 2024-07-18.
Region	No	String	Common Params. This parameter is not required.

SubAppId	Yes	Integer	**The ID of VOD Professional Application.**
StorageRegion	Yes	String	Storage region, which must be a region supported by the system. All storage regions and the regions where storage buckets have already been enabled can be queried using the DescribeStorageRegions API.
StorageName	Yes	String	The name of the storage. • Only lowercase English letters, numbers, hyphens "-", and their combinations are supported. • The storage name cannot start or end with a "-". • The maximum length of the storage name is 64 characters.

3. Output Parameters

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

4. Example

Example1 Create the professional application storage.

Create the professional application storage in ap-chongqing.

Input Example

```
{
"SubAppId": 1020304056,
"StorageRegion": "ap-chongqing",
"StorageName": "my-storage"
}
```

Output Example

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

```
"BucketId": "bucketid123",
"RequestId": "f13e691e-8df1-demo-b734-ac63af4b9a64"
}
}
```

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.StorageRegionBucketOverLimit	The storage capacity in this region has exceeded the limit.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.UnsupportedStorageRegion	Unsupported storage region.

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DescribeStorage

Last updated：2025-06-30 15:39:11

1. API Description

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

This API is used to query bucket information in the professional application, and it also supports paginated queries.
Note:

- This API is exclusively for use in the professional application.

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: DescribeStorage.
Version	Yes	String	Common Params. The value used for this API: 2024-07-18.
Region	No	String	Common Params. This parameter is not required.
SubAppId	Yes	Integer	**The ID of VOD Professional Application.**
Filters.N	No	Array of Filter	Filter criteria. The maximum number of Filters.Values is `20`. If this parameter is not input, all storage under the current SubAppId will be returned. The detailed filter criteria are as follows: • BucketId: Filter by the ID of bucket; • StorageName: Filter by the name of storage.

SortBy	No	SortBy	Sort the returned results according to this field. SortBy.Field Values include: • UpdateTime: (Default) Create time of the storage. SortBy.Order Values include: • Asc: (Default) The order is ascend.
Offset	No	Integer	Offset for paginated queries. Default value: `0` .
Limit	No	Integer	Limit on paginated queries. Default value: `20` . Maximum value: `1000` .

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total count of matched storage.
StorageInfoSet	Array of StorageInfo	Information of all matched storage.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Paginated query for storage information in the Pro version application.

Paginated query for storage information in the Pro version application, sorted in descending order by creation time.

Input Example

```
{
"SubAppId": 1020304056,
"SortBy": {
"Field": "CreateTime",
"Order": "Desc"
},
"Offset": 0,
"Limit": 20
}
```

Output Example

```
{
"Response": {
"TotalCount": 2,
"StorageInfoSet": [
{
"BucketId": "bucketId123demo",
"CreateTime": "2024-07-18T00:00:00+00:00",
"InternetAccessDomain": "example123.vodpro.ap-guangzhou.eovod.com",
"InternetAccessDomainStatus": "DEPLOYING",
"StorageName": "my-storage",
"StorageRegion": "ap-guangzhou"
},
{
"BucketId": "bucketId456demo",
"CreateTime": "2024-07-17T00:00:00+00:00",
"InternetAccessDomain": "example456.vodpro.ap-guangzhou.eovod.com",
"InternetAccessDomainStatus": "ONLINE",
"StorageName": "my-storage2",
"StorageRegion": "ap-shanghai"
}
],
"RequestId": "af4b9a1e-8df1-demo-reqid-ac6364f13e69"
}
}
```

Example2 Query storage information in the application by the ID of bucket.

Add a query filter to query bucket information filtered by the ID of bucket.

Input Example

```
{
"SubAppId": 1020304056,
"Filters": [
{
"Name": "BucketId",
"Values": [
"bucketId123demo"
]
}
]
}
```

Output Example


```
{
"Response": {
"TotalCount": 1,
"StorageInfoSet": [
{
"BucketId": "bucketId123demo",
"CreateTime": "2024-07-18T00:00:00+00:00",
"InternetAccessDomain": "example123.vodpro.ap-guangzhou.eovod.com",
"InternetAccessDomainStatus": "DEPLOYING",
"StorageName": "my-storage",
"StorageRegion": "ap-guangzhou"
}
],
"RequestId": "bf5c72d0-5b34-demo-reqid-4b5a2d7b4c68"
}
}
```


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

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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.
InvalidFilter	Invalid filter.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.

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Task Management APIs
ManageTask

Last updated：2025-04-24 16:46:39

1. API Description

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

This API is used to manage initiated 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: ManageTask.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
TaskId	Yes	String	Video processing task ID.
OperationType	Yes	String	Operation type. Valid value: • Abort: terminate a task. You can only terminate initiated tasks in `WAITING` status.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default**

			application or a newly created one), they must fill in this field with the application ID.

3. Output Parameters

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

4. Example

Example1 Stopping an ongoing live stream processing task

This example shows you how to stop an ongoing live stream processing task.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ManageTask
&TaskId=251000333-procedure-c27bdf65ea06646171e714f25f5aac6
&OperationType=Abort
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "510f4d68-09c9-44a3-ab55-192ff22297c9"
}
}
```

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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.InvalidOperationType	Invalid `OperationType`.
InvalidParameterValue.TaskId	The task ID does not exist.
UnauthorizedOperation	Unauthorized operation.

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DescribeTaskDetail

Last updated：2025-04-24 16:46:40

1. API Description

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

This API is used to query the details of execution status and result of a task submitted in the last 3 days by task ID.

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: DescribeTaskDetail.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
TaskId	Yes	String	Video processing task ID.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

Parameter Name	Type	Description
TaskType	String	The task type. Valid va • `Procedure` : Vic • `EditMedia` : Vic • `SplitMedia` : V • `ComposeMedia` • `WechatPublish` • `WechatMiniPro` Publishing videos on V • `PullUpload` : P upload • `FastClipMedia` • `RemoveWaterma` removal • `DescribeFileA` Getting file attributes • `ReviewAudioVi` • `ExtractTraceW` watermark extraction • `QualityEnhanc` audio/video • `ComplexAdaptive` Complex adaptive bitra processing task
Status	String	Task status. Valid valu • WAITING: waiting; • PROCESSING: pro • FINISH: completed
CreateTime	String	Creation time of task ir
BeginProcessTime	String	Start time of task exec format.
FinishTime	String	End time of task execu
ProcedureTask	ProcedureTask	Note: This field may re no valid value can be c
EditMediaTask	EditMediaTask	Note: This field may re no valid value can be c

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WechatPublishTask	WechatPublishTask	Note: This field may re no valid value can be c
ComposeMediaTask	ComposeMediaTask	Note: This field may re no valid value can be c
SplitMediaTask	SplitMediaTask	Note: This field may re no valid value can be c
WechatMiniProgramPublishTask	WechatMiniProgramPublishTask	Note: This field may re no valid value can be c
PullUploadTask	PullUploadTask	Note: This field may re no valid value can be c
TranscodeTask	TranscodeTask2017	Note: This field may re no valid value can be c
ConcatTask	ConcatTask2017	Note: This field may re no valid value can be c
ClipTask	ClipTask2017	Note: This field may re no valid value can be c
CreateImageSpriteTask	CreateImageSpriteTask2017	Note: This field may re no valid value can be c
SnapshotByTimeOffsetTask	SnapshotByTimeOffsetTask2017	Note: This field may re no valid value can be c
RemoveWatermarkTask	RemoveWatermarkTask	Note: This field may re no valid value can be c
RebuildMediaTask	RebuildMediaTask	Note: This field may re no valid value can be c

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ExtractTraceWatermarkTask	ExtractTraceWatermarkTask	Note: This field may re no valid value can be c
ExtractCopyRightWatermarkTask	ExtractCopyRightWatermarkTask	Note: This field may re no valid value can be c
ReviewAudioVideoTask	ReviewAudioVideoTask	Note: This field may re no valid value can be c
ReduceMediaBitrateTask	ReduceMediaBitrateTask	Note: This field may re no valid value can be c
DescribeFileAttributesTask	DescribeFileAttributesTask	Note: This field may re no valid value can be c
QualityInspectTask	QualityInspectTask	Note: This field may re no valid value can be c
QualityEnhanceTask	QualityEnhanceTask	Media Quality Enhanc field has a value only w QualityEnhance. Note: This field may re no valid value can be c
ComplexAdaptiveDynamicStreamingTask	ComplexAdaptiveDynamicStreamingTask	Complex adaptive bitra processing task inform value only when TaskT ComplexAdaptiveDyna Note: This field may re no valid value can be c
RequestId	String	The unique request ID server, will be returnec request fails to reach tl reasons, the request w RequestId). RequestId a problem.

4. Example

Example1 Querying the details of a video editing task

This example shows you how to get the details of a video editing task.

Input Example

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

{
"TaskId": "12530394xx-procedurev2-61c975da05662fd9d3bf9d89a63361c0t0"
}
```

Output Example

```
{
"Response": {
"TaskType": "EditMedia",
"Status": "FINISH",
"CreateTime": "2019-02-25T10:56:02Z",
"BeginProcessTime": "2019-02-25T10:56:02Z",
"FinishTime": "2019-02-25T10:56:13Z",
"ProcedureTask": null,
"EditMediaTask": {
"TaskId": "12530394xx-procedurev2-61c975da05662fd9d3bf9d89a63361c0t0",
"Status": "FINISH",
"ErrCode": 0,
"Message": "",
"Input": {
"InputType": "Stream",
"FileInfoSet": [
{
"FileId": "4565514956192708397",
"StartTimeOffset": 0,
"EndTimeOffset": 30
},
{
"FileId": "4565514956192708396",
"StartTimeOffset": 0,
"EndTimeOffset": 30
}
],
"StreamInfoSet": [
```

```
{
"StreamId": "29920_stream",
"StartTime": "2019-02-20T06:21:00Z",
"EndTime": "2019-02-20T06:21:30Z"
}
]
},
"Output": {
"FileType": "mp4",
"FileId": "4565514956222184986",
"FileUrl": "http://12530394xx.vod2.myqcloud.com/9395476dvodcq1253039488/f0e1f8314
565514956222184986/playlist.f9.mp4"
},
"ProcedureTaskId": ""
},
"ComposeMediaTask": null,
"SplitMediaTask": null,
"WechatMiniProgramPublishTask": null,
"WechatPublishTask": null,
"TranscodeTask": null,
"SnapshotByTimeOffsetTask": null,
"ConcatTask": null,
"ClipTask": null,
"CreateImageSpriteTask": null,
"PullUploadTask": null,
"RemoveWatermarkTask": null,
"ReviewAudioVideoTask": null,
"ReduceMediaBitrateTask": null,
"ExtractTraceWatermarkTask": null,
"DescribeFileAttributesTask": null,
"RebuildMediaTask": null,
"RequestId": "sdfadf"
}
}
```


Example2 Getting the details of a task flow

This example shows you how to get the details of a task flow.

Input Example

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

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```
{
"TaskId": "12567683xx-Procedure-633031cd8293ef29d39251ea751b69f2t0"
}
```

Output Example


```
{
"Response": {
"TaskType": "Procedure",
"Status": "FINISH",
"CreateTime": "2019-02-21T08:27:42Z",
"BeginProcessTime": "2019-02-21T08:27:43Z",
"FinishTime": "2019-02-21T08:27:44Z",
"ProcedureTask": {
"TaskId": "12567683xx-Procedure-2e1af2456351812be963e309cc133403t0",
"Status": "FINISH",
"ErrCode": 0,
"Message": "",
"SessionContext": "",
"SessionId": "",
"Operator": "",
"OperationType": "",
"FileId": "5285890784246869930",
"FileName": "small",
"FileUrl": "http://12567683xx.vod2.myqcloud.com/1c1ae5d2vodgzp12567683xx/c643347c
5285890784246869930/AtUCmy6gmIYA.mp4",
"MetaData": {
"AudioDuration": 59.9900016784668,
"Md5": "",
"AudioStreamSet": [
{
"Bitrate": 383854,
"Codec": "aac",
"SamplingRate": 48000
}
],
"Bitrate": 1021028,
"Container": "mov,mp4,m4a,3gp,3g2,mj2",
"Duration": 60,
"Height": 480,
"Rotate": 0,
"Size": 7700180,
"VideoDuration": 60,
"VideoStreamSet": [
{
```


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```
"Bitrate": 637174,
"Codec": "h264",
"Fps": 23,
"Height": 480,
"Width": 640,
"DynamicRangeInfo": {}
}
],
"Width": 640
},
"MediaProcessResultSet": [],
"AiContentReviewResultSet": [],
"AiRecognitionResultSet": [],
"AiAnalysisResultSet": [],
"TasksPriority": 0,
"TasksNotifyMode": ""
},
"ComposeMediaTask": null,
"SplitMediaTask": null,
"WechatMiniProgramPublishTask": null,
"EditMediaTask": null,
"WechatPublishTask": null,
"TranscodeTask": null,
"SnapshotByTimeOffsetTask": null,
"ConcatTask": null,
"ClipTask": null,
"CreateImageSpriteTask": null,
"PullUploadTask": null,
"RemoveWatermarkTask": null,
"ReviewAudioVideoTask": null,
"ReduceMediaBitrateTask": null,
"ExtractTraceWatermarkTask": null,
"DescribeFileAttributesTask": null,
"RebuildMediaTask": null,
"RequestId": "sdfadf"
}
}
```


Example3 Querying the details of a transcoding task

This example shows you how to get the details of a transcoding task.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
```

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

{
"TaskId": "12567683xx-transcode-58a1bc57b1c23ed1079597ec17a47666t0"
}
```

Output Example

```
{
"Response": {
"TaskType": "Transcode",
"Status": "FINISH",
"CreateTime": "2019-01-22T06:50:31Z",
"BeginProcessTime": "2019-01-22T06:50:32Z",
"FinishTime": "2019-01-22T06:50:45Z",
"ProcedureTask": null,
"EditMediaTask": null,
"TranscodeTask": {
"TaskId": "12567683xx-transcode-58a1bc57b1c23ed1079597ec17a47666t0",
"ErrCode": 0,
"Message": "",
"FileId": "5285890784246869930",
"FileName": "small",
"Duration": 60,
"CoverUrl": "http://12567683xx.vod2.myqcloud.com/d042887avodtransgzp12567683xx/c643347c5285890784246869930/1546950643_4191274987.100_0.jpg",
"PlayInfoSet": [
{
"Url": "http://12567683xx.vod2.myqcloud.com/1c1ae5d2vodgzp12567683xx/c643347c5285890784246869930/AtUCmy6gmIYA.mp4",
"Definition": 0,
"Bitrate": 1021028,
"Height": 480,
"Width": 640
},
{
"Url": "http://12567683xx.vod2.myqcloud.com/d042887avodtransgzp12567683xx/c643347c5285890784246869930/v.f10.mp4",
"Definition": 10,
"Bitrate": 304695,
"Height": 240,
"Width": 320
}
]
```

```
},
"ComposeMediaTask": null,
"WechatMiniProgramPublishTask": null,
"SplitMediaTask": null,
"SnapshotByTimeOffsetTask": null,
"WechatPublishTask": null,
"ConcatTask": null,
"ClipTask": null,
"CreateImageSpriteTask": null,
"PullUploadTask": null,
"RemoveWatermarkTask": null,
"ReviewAudioVideoTask": null,
"ReduceMediaBitrateTask": null,
"ExtractTraceWatermarkTask": null,
"DescribeFileAttributesTask": null,
"RebuildMediaTask": null,
"RequestId": "62597d15-3fad-4234-af1a-ed33602a6118"
}
}
```


Example4 Querying the details of a Weixin Mini Program publishing task

This example shows you how to get the details of a Weixin Mini Program publishing task.

Input Example

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

{
"TaskId": "1253339xxx-wechat-mini-program-publish-e576984516ec3b3c8e49753adf6b0688t0"
}
```

Output Example


```
{
"Response": {
"TaskType": "WechatMiniProgramPublish",
"Status": "FINISH",
"CreateTime": "2019-06-23T13:04:42Z",
"BeginProcessTime": "2019-06-23T13:04:42Z",
"FinishTime": "2019-06-23T13:04:53Z",
```

```
"ProcedureTask": null,
"EditMediaTask": null,
"ComposeMediaTask": null,
"WechatPublishTask": null,
"PullUploadTask": null,
"WechatMiniProgramPublishTask": {
"TaskId": "1253339xxx-wechat-mini-program-publish-e576984516ec3b3c8e49753adf6b0688t0",
"Status": "FINISH",
"ErrCode": 0,
"Message": "",
"FileId": "5285890789444337543",
"SourceDefinition": 0,
"PublishResult": "Pass"
},
"SplitMediaTask": null,
"TranscodeTask": null,
"SnapshotByTimeOffsetTask": null,
"ConcatTask": null,
"ClipTask": null,
"CreateImageSpriteTask": null,
"RemoveWatermarkTask": null,
"ReviewAudioVideoTask": null,
"ReduceMediaBitrateTask": null,
"ExtractTraceWatermarkTask": null,
"DescribeFileAttributesTask": null,
"RebuildMediaTask": null,
"RequestId": "04db7d25-f590-414a-a341-8f1584f15f84"
}
}
```


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

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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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
InvalidParameterValue.TaskId	The task ID does not exist.
ResourceNotFound	The resource does not exist.
UnauthorizedOperation	Unauthorized operation.

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DescribeTasks

Last updated：2025-04-24 16:46:39

1. API Description

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

- This API is used to query the task list;
- If there are many data entries in the list, one single call of the API may not be able to pull the entire list. The `ScrollToken` parameter can be used to pull the list in batches;
- Only tasks in the last three days (72 hours) can be queried.

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: DescribeTasks.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Status	No	String	Filter: Task status. Valid values: WAITING (waiting),

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			PROCESSING (processing), FINISH (completed).
FileId	No	String	Filter: file ID.
CreateTime	No	TimeRange	Filter: task creation time.
FinishTime	No	TimeRange	Filter: task end time.
Sort	No	SortBy	Sort field. Valid values: • `CreateTime` : task creation time • `FinishTime` : task end time
Limit	No	Integer	Number of entries to be returned. Default value: 10. Maximum value: 100.
ScrollToken	No	String	Scrolling identifier which is used for pulling in batches. If a single request cannot pull all the data entries, the API will return `ScrollToken` , and if the next request carries it, the next pull will start from the next entry.

3. Output Parameters

Parameter Name	Type	Description
TaskSet	Array of TaskSimpleInfo	Task overview list.
ScrollToken	String	Scrolling identifier. If a request does not return all the data entries, this field indicates the ID of the next entry. If this field is empty, there is no more data.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying tasks

This example shows you how to query tasks.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeTasks
&Status=FINISH
&Limit=5
&<Common request parameters>
```

Output Example


```
{
"Response": {
"TaskSet": [
{
"TaskId": "taskId1",
"Status": "FINISH",
"TaskType": "transcode",
"CreateTime": "2018-12-27T13:57:15Z",
"BeginProcessTime": "2018-12-27T13:57:15Z",
"FinishTime": "2018-12-27T13:57:15Z",
"SessionContext": "",
"SessionId": "",
"FileId": "528xx123"
},
{
"TaskId": "taskId2",
"Status": "FINISH",
"TaskType": "transcode",
"CreateTime": "2018-12-27T13:57:15Z",
"BeginProcessTime": "2018-12-27T13:57:15Z",
"FinishTime": "2018-12-27T13:57:15Z",
"SessionContext": "",
"SessionId": "",
"FileId": "528xx124"
},
{
"TaskId": "taskId3",
"Status": "FINISH",
"TaskType": "transcode",
"CreateTime": "2018-12-27T13:57:15Z",
"BeginProcessTime": "2018-12-27T13:57:15Z",
"FinishTime": "2018-12-27T13:57:15Z",
"SessionContext": "",
"SessionId": "",
"FileId": "528xx125"
},
{
"TaskId": "taskId4",
```

```
"Status": "FINISH",
"TaskType": "transcode",
"CreateTime": "2018-12-27T13:57:15Z",
"BeginProcessTime": "2018-12-27T13:57:15Z",
"FinishTime": "2018-12-27T13:57:15Z",
"SessionContext": "",
"SessionId": "",
"FileId": "528xx126"
},
{
"TaskId": "taskId5",
"Status": "FINISH",
"TaskType": "transcode",
"CreateTime": "2018-12-27T13:57:15Z",
"BeginProcessTime": "2018-12-27T13:57:15Z",
"FinishTime": "2018-12-27T13:57:15Z",
"SessionContext": "",
"SessionId": "",
"FileId": "528xx127"
}
],
"ScrollToken": "taskId6",
"RequestId": "46311b39-10ce-47eb-b2b6-7ce82bb4476d"
}
}
```


Example2 Querying tasks and paginating the results

This example shows you how to query tasks and paginate the results.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeTasks
&Status=FINISH
&Limit=5
&ScrollToken=taskId6
&<Common request parameters>
```

Output Example


```
{
"Response": {
"TaskSet": [
{
"TaskId": "taskId6",
"Status": "FINISH",
```

```
"TaskType": "transcode",
"CreateTime": "2018-12-27T13:57:15Z",
"BeginProcessTime": "2018-12-27T13:57:15Z",
"FinishTime": "2018-12-27T13:57:15Z",
"SessionContext": "",
"SessionId": "",
"FileId": "528xx124"
}
],
"ScrollToken": "abc",
"RequestId": "46311b39-10ce-47eb-b2b6-7ce82bb4476d"
}
}
```


Example3 Querying tasks being processed

This example shows you how to query tasks that are being processed.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeTasks
&Status=PROCESSING
&Limit=5
&<Common request parameters>
```

Output Example


```
{
"Response": {
"TaskSet": [
{
"TaskId": "taskId7",
"Status": "PROCESSING",
"TaskType": "transcode",
"CreateTime": "2018-12-27T13:57:15Z",
"BeginProcessTime": "2018-12-27T13:57:15Z",
"FinishTime": "0001-01-01T00:00:00Z",
"SessionContext": "",
"SessionId": "",
"FileId": "528xx124"
}
],
"ScrollToken": "abc",
"RequestId": "46311b39-10ce-47eb-b2b6-7ce82bb4476d"
}
}
```


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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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.Status	Incorrect parameter value: the value of human confirmation result is invalid.
UnauthorizedOperation	Unauthorized operation.

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Migration APIs
CreateIncrementalMigrationStrategy

Last updated：2025-06-30 15:39:19

1. API Description

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

Create an incremental migration strategy for the storage of the professional application.

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: CreateIncrementalMigrationStrategy.
Version	Yes	String	Common Params. The value used for this API: 2024-07-18.
Region	No	String	Common Params. This parameter is not required.
SubAppId	Yes	Integer	**The ID of VOD Professional Application.**
BucketId	Yes	String	The bucket ID where the strategy takes effect.

StrategyName	Yes	String	Incremental migration strategy name. The name length should not exceed 100 characters. Allowed characters include: Chinese characters, English characters, `0-9` , `_` and `-` .
OriginType	Yes	String	Source type. Valid values: • HTTP: the source type is HTTP.
HttpOriginConfig	No	IncrementalMigrationHttpOriginConfig	Incremental migration HTTP origin source configuration. This field is required when the OriginType value is `HTTP` .

3. Output Parameters

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

4. Example

Example1 Create an incremental migration strategy.

Create an incremental migration strategy.

Input Example

```
{
"SubAppId": 1020304056,
"BucketId": "bucketid1",
"StrategyName": "strategy_name",
"OriginType": "HTTP",
"HttpOriginConfig": {
"OriginInfo": {
"EndpointInfo": {
"Endpoint": "example.com:8080"
```

```
}
},
"OriginParameter": {
"HttpHeaderInfo": {
"HeaderFollowMode": "FOLLOW_ALL"
}
}
}
}
```

Output Example

```
{
"Response": {
"RequestId": "83bb5dcc-reqid-demo-a891-9ceeed3bb173",
"StrategyId": "im-123-demoid"
}
}
```

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
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Command Line Interface

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6. Error Code

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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.BucketIdNotMatch	The application ID does not match the bucket ID.
FailedOperation.BucketIncrementalMigrationStrategyDeploying	The incremental migration strategy for the bucket is currently being deployed.
FailedOperation.IncrementalMigrationStrategyOverLimit	The number of incremental migration strategies for the bucket is over the limit.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.UnsupportedStorageRegion	Unsupported storage region.
UnauthorizedOperation.SubApp	Application is unauthorized.

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DeleteIncrementalMigrationStrategy

Last updated：2025-06-30 15:39:17

1. API Description

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

Delete the incremental migration strategy.

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: DeleteIncrementalMigrationStrategy.
Version	Yes	String	Common Params. The value used for this API: 2024-07-18.
Region	No	String	Common Params. This parameter is not required.
SubAppId	Yes	Integer	**The ID of VOD Professional Application.**
BucketId	Yes	String	The bucket ID where the strategy takes effect.
StrategyId	Yes	String	The ID of the incremental migration strategy.

3. Output Parameters

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

4. Example

Example1 Delete the incremental migration strategy.

Delete the incremental migration strategy.

Input Example

```
{
"SubAppId": 1020304056,
"BucketId": "bucketid2",
"StrategyId": "im-123-demoid"
}
```

Output Example

```
{
"Response": {
"RequestId": "397d92f2-demo-reqid-bfbd-c2f7e3569c9d"
}
}
```

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

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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.BucketIdNotMatch	The application ID does not match the bucket ID.
FailedOperation.BucketIncrementalMigrationStrategyDeploying	The incremental migration strategy for the bucket is currently being deployed.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
ResourceNotFound.IncrementalMigrationStrategyNotFound	The incremental migration strategy was not found.
UnauthorizedOperation.SubApp	Application is unauthorized.

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ModifyIncrementalMigrationStrategy

Last updated：2025-06-30 15:39:14

1. API Description

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

Modify the information of incremental migration strategy.

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: ModifyIncrementalMigrationStrategy.
Version	Yes	String	Common Params. The value used for this API: 2024-07-18.
Region	No	String	Common Params. This parameter is not required.
SubAppId	Yes	Integer	**The ID of VOD Professional Application.**
BucketId	Yes	String	The bucket ID where the strategy takes effect.
StrategyId	Yes	String	The ID of the incremental migration strategy.

StrategyName	No	String	The name of the incremental migration strategy.
OriginType	No	String	Source type. Valid values: • HTTP: (Default) the source type is HTTP.
HttpOriginConfig	No	IncrementalMigrationHttpOriginConfig	Incremental migration HTTP origin source configuration. If left blank, it will default to no modification.

3. Output Parameters

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

4. Example

Example1 Modify the name of the incremental migration strategy.

Modify the name of the incremental migration strategy.

Input Example

```
{
"SubAppId": 1020304056,
"BucketId": "bucketid2",
"StrategyId": "im-123-demoid",
"StrategyName": "demo-modify"
}
```

Output Example

```
{
"Response": {
"RequestId": "94a26124-reqid-demo-ad0f-e8458e187f02"
```

```
}
}
```

Example2 Modify the content of the incremental migration strategy.

Modify the content of the incremental migration strategy.

Input Example

```
{
"SubAppId": 1020304056,
"BucketId": "bucketid2",
"StrategyId": "im-123-demoid",
"StrategyName": "",
"OriginType": "HTTP",
"HttpOriginConfig": {
"OriginInfo": {
"EndpointInfo": {
"Endpoint": "example2.com"
}
},
"OriginParameter": {
"HttpHeaderInfo": {
"HeaderFollowMode": "IGNORE_ALL",
"NewHttpHeaderSet": [
{
"Key": "host",
"Value": "demo2.com"
}
]
},
"Protocol": "FOLLOW",
"QueryStringFollowMode": "FOLLOW",
"HttpRedirectCode": 302,
"OriginRedirectionFollowMode": "IGNORE"
},
"Mode": "SYNC",
"OriginCondition": {
"HttpStatusCode": 404
}
}
}
```

Output Example

```
{
"Response": {
"RequestId": "300b29b9-demo-reqid-ade4-f84f176e60c3"
}
}
```

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.BucketIdNotMatch	The application ID does not match the bucket ID.
FailedOperation.BucketIncrementalMigrationStrategyDeploying	The incremental migration strategy for the bucket is currently being deployed.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.

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ResourceNotFound.IncrementalMigrationStrategyNotFound	The incremental migration strategy was not found.
UnauthorizedOperation.SubApp	Application is unauthorized.

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DescribeIncrementalMigrationStrategyInfos

Last updated：2025-06-30 15:39:16

1. API Description

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

Describe the information of the incremental migration strategy.

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: DescribeIncrementalMigrationStrategyInfos.
Version	Yes	String	Common Params. The value used for this API: 2024-07-18.
Region	No	String	Common Params. This parameter is not required.
SubAppId	Yes	Integer	**The ID of VOD Professional Application.**
Filters.N	No	Array of Filter	Filter criteria. The maximum number of Filters.Values is `20`. If this parameter is not input, all stategy information under the current SubAppId will be returned. The detailed filter criteria are as follows: • BucketId: Filter by the ID of bucket; • StrategyId: Filter by the ID of strategy.
SortBy	No	SortBy	Sort the returned results according to this field. SortBy.Field Values include: • UpdateTime: (Default) Update time of the strategy.

			SortBy.Order Values include: • Desc: (Default) The order is descend.
Offset	No	Integer	Offset for paginated queries. Default value: `0` .
Limit	No	Integer	Limit on paginated queries. Default value: `20` . Maximum value: `100` .

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total count of matched strategies.
StrategyInfoSet	Array of IncrementalMigrationStrategyInfo	Information of all matched strategies.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Describe the information of the incremental migration strategy for the application.

Describe the information of the incremental migration strategy for the application.

Input Example

```
{
"SubAppId": 1020304056,
"SortBy": {
"Field": "UpdateTime",
"Order": "Asc"
},
"Offset": 0,
"Limit": 10
}
```

Output Example


```
{
"Response": {
"RequestId": "b6376a73-reqid-demo-b097-de6bb60b3976",
"StrategyInfoSet": [
{
"BucketId": "bucketid1",
"HttpOriginConfig": {
"Mode": "ASYNC",
"OriginCondition": {
"HttpStatusCode": 404,
"Prefix": "prefix/"
},
"OriginInfo": {
"EndpointInfo": {
"Endpoint": "example.com",
"StandbyEndpointSet": [
"standby.com",
"standby2.com"
]
},
"FileInfo": {
"PrefixConfig": {
"Prefix": "prefix"
},
"SuffixConfig": {
"Suffix": "suffix"
}
}
},
"OriginParameter": {
"HttpHeaderInfo": {
"FollowHttpHeaderKeySet": [
"Host"
],
"HeaderFollowMode": "FOLLOW_ALL",
"NewHttpHeaderSet": [
{
"Key": "Host",
"Value": "demo.com"
}
]
},
"HttpRedirectCode": 302,
"OriginRedirectionFollowMode": "FOLLOW",
"Protocol": "HTTP",
```

```
"QueryStringFollowMode": "FOLLOW"
}
},
"OriginType": "HTTP",
"StrategyId": "im-123-demoid",
"StrategyName": "my-strategy-1",
"SubAppId": 123456789
},
{
"BucketId": "bucketid2",
"HttpOriginConfig": {
"Mode": "SYNC",
"OriginCondition": {
"HttpStatusCode": 404
},
"OriginInfo": {
"EndpointInfo": {
"Endpoint": "example.com"
}
},
"OriginParameter": {
"HttpHeaderInfo": {
"HeaderFollowMode": "IGNORE_ALL",
"NewHttpHeaderSet": [
{
"Key": "host",
"Value": "demo.com"
}
]
},
"HttpRedirectCode": 301,
"OriginRedirectionFollowMode": "FOLLOW",
"Protocol": "HTTPS",
"QueryStringFollowMode": "FOLLOW"
}
},
"OriginType": "HTTP",
"StrategyId": "im-123-demoid2",
"StrategyName": "my-strategy-2",
"SubAppId": 123456789
}
],
"TotalCount": 2
}
}
```

Example2 Describe the information of the incremental migration strategy for the specified bucket of the application.

Describe the information of the incremental migration strategy for the specified bucket of the application.

Input Example

```
{
"SubAppId": 1020304056,
"Filters": [
{
"Name": "BucketId",
"Values": [
"bucketid2"
]
}
],
"SortBy": {
"Field": "UpdateTime",
"Order": "Asc"
},
"Offset": 0,
"Limit": 10
}
```

Output Example

```
{
"Response": {
"RequestId": "a70a4fb9-reqid-demo-aa39-3282aa745a26",
"StrategyInfoSet": [
{
"BucketId": "bucketid2",
"HttpOriginConfig": {
"Mode": "SYNC",
"OriginCondition": {
"HttpStatusCode": 404
},
"OriginInfo": {
"EndpointInfo": {
"Endpoint": "example2.com"
}
},
"OriginParameter": {
"HttpHeaderInfo": {
"HeaderFollowMode": "IGNORE_ALL",
```

```
"NewHttpHeaderSet": [
{
"Key": "host",
"Value": "demo.com"
}
]
},
"HttpRedirectCode": 301,
"OriginRedirectionFollowMode": "FOLLOW",
"Protocol": "HTTPS",
"QueryStringFollowMode": "FOLLOW"
}
},
"OriginType": "HTTP",
"StrategyId": "im-123-demoid2",
"StrategyName": "my-strategy-2",
"SubAppId": 123456789
}
],
"TotalCount": 1
}
}
```


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

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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
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.

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Media Upload APIs
ApplyUpload

Last updated：2025-04-27 17:15:14

1. API Description

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

- This API is used to apply for uploading a media file (and cover file) to VOD and obtain the metadata of file storage (including upload path and upload signature) for subsequent use by the uploading API.
- For the detailed upload process, please see Overview of Upload from Client.

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: ApplyUpload.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product.
MediaType	Yes	String	Media type. For the detailed valid values, please see Upload Overview.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to**

			access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.
MediaName	No	String	Media name.
CoverType	No	String	Cover type. For the detailed valid values, please see Upload Overview.
Procedure	No	String	Subsequent task operation on a media file, i.e., after a media file is uploaded, task flow operations will be initiated automatically. This parameter value is a task flow template name. VOD supports creating task flow templates and naming the templates.
ExpireTime	No	Timestamp ISO8601	Expiration time of a media file in ISO 8601 format. For more information, please see Notes on ISO Date Format.
StorageRegion	No	String	Specifies upload region. This is only applicable to users that have special requirements for the upload region.
ClassId	No	Integer	Category ID, which is used to categorize the media for management. A category can be created and its ID can be obtained by using the category creating API. • Default value: 0, which means "Other".
SourceContext	No	String	Source context, which is used to pass through the user request information. The upload callback API will return the value of this field. It can contain up to 250 characters.
SessionContext	No	String	Session context, which is used to pass through the user request information. If the `Procedure` parameter is specified, the task flow status change callback API will return the value of this field. It can contain up to 1,000 characters.
ExtInfo	No	String	Reserved parameter for special purposes.

3. Output Parameters

Parameter Name	Type	Description
StorageBucket	String	Storage bucket, which is used as the `bucket_name` in the URL of the upload API.
StorageRegion	String	Storage region, which is used as the `Region` in the `Host` of

		the upload API.
VodSessionKey	String	VOD session, which is used to confirm the `VodSessionKey` parameter of the upload API.
MediaStoragePath	String	Media storage path, which is used as the `Key` of the stored media of the upload API. Note: this field may return null, indicating that no valid values can be obtained.
CoverStoragePath	String	Cover storage path, which is used as the `Key` of the stored cover of the upload API. Note: this field may return null, indicating that no valid values can be obtained.
TempCertificate	TempCertificate	Temporary credential, which is used for authentication of the upload API.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Successful application upload examples

Successful application upload examples.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ApplyUpload
<Public Request Parameter>

{
"SubAppId": "1",
"MediaType": "mp4"
}
```

Output Example

```
{
"Response": {
"CoverStoragePath": "/dir/cover.xx",
"RequestId": "880f3005-a8c9-4bba-8c87-74e216a17a0b",
"StorageBucket": "xadagzp111211-100922",
"StorageRegion": "ap-guangzhou-2",
"MediaStoragePath": "/dir/name.xx",
"VodSessionKey": "VodSessionKey",
"TempCertificate": {
"SecretId": "xxxxxxx",
"SecretKey": "xxxxxxxx",
"Token": "xxxxxxxx",
"ExpiredTime": 182823331
}
}
}
```


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.
InternalError	Internal error.
InvalidParameter.ExpireTime	Incorrect parameter value: expiration time.
InvalidParameterValue.CoverType	Incorrect parameter value: cover type.
InvalidParameterValue.ExpireTime	Incorrect parameter value: incorrect `ExpireTime` format.
InvalidParameterValue.MediaType	Incorrect parameter value: media type.
InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
UnauthorizedOperation	Unauthorized operation.

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CommitUpload

Last updated：2025-04-27 17:15:13

1. API Description

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

This API is used to confirm the result of uploading a media file (and cover file) to VOD, store the media information, and return the playback address and ID of the file.

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: CommitUpload.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product.
VodSessionKey	Yes	String	VOD session, which takes the returned value (VodSessionKey) of the `ApplyUpload` API.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

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3. Output Parameters

Parameter Name	Type	Description
FileId	String	Unique ID of media file.
MediaUrl	String	The media playback URL.
CoverUrl	String	The thumbnail URL.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Checking the result of an upload task

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CommitUpload
&VodSessionKey=3KEGq9DWHl1xF819mM4jVFkGn5WON80NwN/rTrx56UoEFApIV9DQ7t5m1g4hASR11g
KWwGxkignB3AmhKOpUnym7wyNEHOwDJPcT5fBu66iCLcW7bhyRfDSsQcVpX0Wt96RKSsZFf62jeAB+e56
40U8rMPV3Rf2eR+y1AgI+EC3JZU5iZbjLX4qNVI4R
&SubAppId=1
&<Common request parameters>
```

Output Example

```
{
"Response": {
"FileId": "24820810452266399",
"MediaUrl": "http://251000333.vod2.myqcloud.com/6c0f1c00vodgzp251000333/dee2125c2
4820810452266399/f0.mp4",
"CoverUrl": "http://251000333.vod2.myqcloud.com/6c0f1c00vodgzp251000333/dee2125c2
4820810452266399/24820810452266400.jpg",
"RequestId": "requestId"
}
}
```

5. Developer Resources

SDK

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

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
InternalError	Internal error.
InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
InvalidParameterValue.VodSessionKey	Incorrect parameter value: VOD session.
ResourceNotFound	The resource does not exist.
UnauthorizedOperation	Unauthorized operation.

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ParseStreamingManifest

Last updated：2025-04-27 17:15:12

1. API Description

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

This API is used to parse the index file content and return the list of segment files to be uploaded when an HLS video is uploaded. A segment file path must be a relative path of the current directory or subdirectory instead of a URL or absolute path.

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: ParseStreamingManifest.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
MediaManifestContent	Yes	String	Index file content to be parsed.
ManifestType	No	String	Video index file format, which is `m3u8` by default. • m3u8 • mpd

3. Output Parameters

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

4. Example

Example1 Parse index file

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ParseStreamingManifest
&MediaManifestContent=#EXTM3U\n#EXT-X-TARGETDURATION:10\n#EXTINF:9.009,\nfirst.ts
\n#EXTINF:9.009,\nsecond.ts\n#EXT-X-ENDLIST
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"MediaSegmentSet": [
"first.ts",
"second.ts"
],
"RequestId": "requestId"
}
}
```

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.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.MediaManifestContent	Incorrect parameter value: MediaManifestContent.
UnauthorizedOperation	Unauthorized operation.

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PullUpload

Last updated：2025-04-27 17:15:11

1. API Description

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

This API is used to pull a video on the internet to the VOD platform.

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: PullUpload.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
MediaUrl	Yes	String	The URL of the media to pull, which can be in HLS format, but not DASH format. For more information about supported extensions, see Media types. Please make sure the URL is accessible.
MediaType	No	String	The file format (extension). For information about supported extensions, see Media Types. If you do not specify this parameter or pass in an empty string, the file obtained will have the same extension as `MediaUrl` .
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to**

			access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.
MediaName	No	String	Media name.
CoverUrl	No	String	The URL of the video to pull. Supported formats include GIF, JPEG (JPG), and PNG.
Procedure	No	String	Subsequent task for media. For more information, please see Specifying Task Flow After Upload.
ExpireTime	No	Timestamp ISO8601	Expiration time of media file in ISO 8601 format. For more information, please see Notes on ISO Date Format.
StorageRegion	No	String	Specifies upload region. This is only applicable to users that have special requirements for the upload region: • If it is left empty, the upload region is your default region; • If it is specified, please make sure that the upload region has been enabled for storage.
ClassId	No	Integer	Category ID, which is used to categorize the media for management. A category can be created and its ID can be obtained by using the CreateClass API.
SessionContext	No	String	The source context which is used to pass through the user request information. After `Procedure` is specified, the task flow status change callback will return the value of this field. It can contain up to 1,000 characters.
SessionId	No	String	Used to identify duplicate requests. After you send a request, if any request with the same `SessionId` has already been sent in the last three days (72 hours), an error message will be returned. `SessionId` contains up to 50 characters. If this parameter is not carried or is an empty string, no deduplication will be performed.
ExtInfo	No	String	Reserved field for special purposes.
SourceContext	No	String	Source context, which is used to pass through the user request information. The upload callback API will return the value of this field. It can contain up to 250 characters.

3. Output Parameters

Parameter Name	Type	Description
TaskId	String	Video pull for upload task ID, which can be used to query the status of pull for upload task.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Pulling an MP4 video from `http://www.abc.com/abc.mp4` and uploading it to VOD

This example shows you how to pull an MP4 video from a URL and upload it to VOD.

Input Example

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

{
"MediaUrl": "http://www.abc.com/abc.mp4"
}
```

Output Example

```
{
"Response": {
"RequestId": "5ca61e3a-6b8e-4b4e-9256-fdc701190064ef0",
"TaskId": "125xxxxxx07-pull-893dc41e6fdc22dcf24aa6e9c61cp94"
}
}
```

Example2 Pulling an MP4 video from `http://www.abc.com/abc.mp4` (inside the Chinese mainland) and uploading it to the Chongqing storage region

This example shows you how to pull an MP4 video from a URL and upload it to the Chongqing storage region.

Input Example

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

{
"StorageRegion": "ap-chongqing",
"MediaUrl": "http://www.abc.com/abc.mp4"
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca61e3a-6b8e-4b4e-9256-fdc701190064ef0",
"TaskId": "125xxxxxx07-pull-793dc41e6fdc22dcf24aa6e9c61cp94"
}
}
```

Example3 Pulling an MP4 video from `http://www.abc.com/abc.mp4` (outside the Chinese mainland) and uploading it to the Singapore storage region

This example shows you how to pull an MP4 video from a URL and upload it to the Singapore storage region.

Input Example

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

{
"StorageRegion": "ap-singapore",
"MediaUrl": "http://www.abc.com/abc.mp4"
}
```

Output Example

```
{
"Response": {
"RequestId": "5ca61e3a-6b8e-4b4e-9256-fdc701190064ef0",
"TaskId": "125xxxxxx07-pull-693dc41e6fdc22dcf24aa6e9c61cp94"
```

```
}
}
```

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.CoverType	Operation failed: unsupported cover type.
FailedOperation.InvalidVodUser	The VOD service is not activated.
FailedOperation.MediaType	Operation failed: unsupported media type.
InternalError	Internal error.
InvalidParameter.ExpireTime	Incorrect parameter value: expiration time.
InvalidParameter.StorageRegion	Incorrect parameter value: storage region.

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InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.CoverUrl	Incorrect parameter value: cover URL.
InvalidParameterValue.ExpireTime	Incorrect parameter value: incorrect `ExpireTime` format.
InvalidParameterValue.MediaUrl	Incorrect parameter value: media file URL.
InvalidParameterValue.SessionContextTooLong	`SessionContext` is too long.
InvalidParameterValue.SessionId	The deduplication ID already exists. The request is removed due to duplication.
InvalidParameterValue.SessionIdTooLong	`SessionId` is too long.
InvalidParameterValue.StorageRegion	Incorrect parameter value: `StorageRegion` .
ResourceNotFound.CoverUrl	The resource does not exist: the cover does not exist.
ResourceNotFound.UserNotExist	The user does not exist.
UnauthorizedOperation	Unauthorized operation.

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Media Management APIs
DeleteMedia

Last updated：2025-04-27 17:15:20

1. API Description

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

- This API is used to delete a media file and its processed files, such as the transcoded video files, image sprites, screenshots, and videos for publishing on WeChat.
- You can delete the original files, transcoded video files, and videos for publishing on WeChat, etc. of videos with specified IDs.
- Note: after the original file of a video is deleted, you cannot transcode the video, publish it on WeChat, or perform other operations on it.

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: DeleteMedia.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileId	Yes	String	Unique media file ID.

SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
DeleteParts.N	No	Array of MediaDeleteItem	Content to be deleted. The default value is "[]", which indicates to delete the media file and all its corresponding files generated by video processing.

3. Output Parameters

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

4. Example

Example1 Deleting media files

This example shows you how to delete all files and information under a specified `FileId` .

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteMedia
&FileId=7447398156998994860
&SubAppId=1
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "requestId"
}
}
```

Example2 Deleting certain transcoded videos

This example shows you how to delete only transcoded videos in certain definitions.

For example, you can delete both the transcoded HLS file in the definition of 230 and the HLS master playlist.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteMedia
&FileId=7447398156998994860
&SubAppId=1
&DeleteParts.0.Type=TranscodeFiles
&DeleteParts.0.Definition=230
&DeleteParts.1.Type=TranscodeFiles
&DeleteParts.1.Definition=10000
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "requestId"
}
}
```

Example3 Deleting transcoded videos

This example shows you how to delete all the transcoded video files under a specified `FileId`.

The original file as well as the files and information generated by transcoding, screencapture, and other task flows will be retained.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteMedia
&FileId=7447398156998994860
&SubAppId=1
&DeleteParts.0.Type=TranscodeFiles
&DeleteParts.1.Type=WechatPublishFiles
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "requestId"
```

```
}
}
```

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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
ResourceNotFound	The resource does not exist.
UnauthorizedOperation	Unauthorized operation.

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ForbidMediaDistribution

Last updated：2025-04-27 17:15:18

1. API Description

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

- After a media file is forbidden, except previewing it in the VOD Console, accessing the URLs of its various resources (such as source file, output files, and screenshots) in other scenarios will return error 403.
  It takes about 5-10 minutes for a forbidding/unblocking operation to take effect across the entire network.

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: ForbidMediaDistribution.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileIds.N	Yes	Array of String	List of media files. Up to 20 ones can be submitted at a time.
Operation	Yes	String	forbid: forbids, recover: unblocks.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a**

			VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.

3. Output Parameters

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

4. Example

Example1 Disabling the playback of certain media files

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ForbidMediaDistribution
&FileIds.0=7447398156998994860
&SubAppId=1
&Operation=forbid
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-1d4b-5594145287e1",
"NotExistFileIdSet": []
}
}
```

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
- 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.InvalidVodUser	The VOD service is not activated.
FailedOperation.MediaForbidedBySystem	Media blocked by the system.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue.FileIdsTooMany	Incorrect parameter value: too many `FileId`
InvalidParameterValue.Operation	Incorrect parameter value: invalid `Operation` .
UnauthorizedOperation	Unauthorized operation.

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ModifyMediaInfo

Last updated：2025-04-27 17:15:17

1. API Description

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

This API is used to modify the attributes of a media file, including category, name, description, tag, expiration time, timestamp information, video thumbnail, and subtitle information.

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: ModifyMediaInfo.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileId	Yes	String	Unique media file ID.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly**

			created one), they must fill in this field with the application ID.
Name	No	String	Media filename, which can contain up to 64 characters.
Description	No	String	Media file description, which can contain up to 128 characters.
ClassId	No	Integer	Media file category ID.
ExpireTime	No	String	Media file expiration time in ISO date format. The value `9999-12-31T23:59:59Z` indicates that the media file never expires. After the expiration, the media file and its related resources (such as transcoding results and image sprites) will be permanently deleted.
CoverData	No	String	String generated by Base64-encoding the video cover image file (such as .jpeg or .png file). Only .gif, .jpeg, and .png image formats are supported.
AddKeyFrameDescs.N	No	Array of MediaKeyFrameDescItem	Set of video timestamps to be added. If a timestamp already exists at an offset time point, it will be overwritten. Up to 100 timestamps can be added to one media file. In the same request, the time offset parameters of `AddKeyFrameDescs` must be different from those of `DeleteKeyFrameDescs`.
DeleteKeyFrameDescs.N	No	Array of Float	Time offset of the set of video timestamps to be deleted in seconds. In the same request, the time offset parameters of `AddKeyFrameDescs` must be different from those of `DeleteKeyFrameDescs`.
ClearKeyFrameDescs	No	Integer	The value `1` indicates to delete all timestamps in the video. Other values are meaningless. In the same request,

			`ClearKeyFrameDescs` and `AddKeyFrameDescs` cannot be present at the same time.
AddTags.N	No	Array of String	The tags to add. Each file can have up to 16 tags. A tag can contain at most 32 characters. You cannot include the same tag in `AddTags` and `DeleteTags` at the same time.
DeleteTags.N	No	Array of String	Set of tags to be deleted. In the same request, the parameters of `AddTags` must be different from those of `DeleteTags` .
ClearTags	No	Integer	The value `1` indicates to delete all tags of the media file. Other values are meaningless. In the same request, `ClearTags` and `AddTags` cannot be present at the same time.
AddSubtitles.N	No	Array of MediaSubtitleInput	Information of multiple subtitles to be added. A single media file can have up to 16 subtitles. In the same request, the subtitle IDs specified in `AddSubtitles` must be different from those in `DeleteSubtitleIds` .
DeleteSubtitleIds.N	No	Array of String	Unique IDs of the subtitles to be deleted. In the same request, the subtitle IDs specified in `AddSubtitles` must be different from those in `DeleteSubtitleIds` .
ClearSubtitles	No	Integer	The value `1` indicates to delete all subtitle information of the media file. Other values are meaningless. `ClearSubtitles` and `AddSubtitles` cannot co-exist in the same request.

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3. Output Parameters

Parameter Name	Type	Description
CoverUrl	String	URL of new video cover. * Note: this returned value is valid only if the request carries `CoverData` .*
AddedSubtitleSet	Array of MediaSubtitleItem	Added subtitle information
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying the name of a media file

Input Example

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

{
"Name": "New video",
"FileId": "123"
}
```

Output Example

```
{
"Response": {
"CoverUrl": "http://123.vod2.myqcloud.com/vodgzp123/1551712318385331057 5/GMOrxp.jpeg",
"AddedSubtitleSet": [],
"RequestId": "requestId"
}
}
```

Example2 Modifying media file tags

Input Example

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

{
"DeleteTags": [
"Video"
],
"AddTags": [
"Test"
],
"FileId": "123"
}
```

Output Example

```
{
"Response": {
"CoverUrl": "http://123.vod2.myqcloud.com/vodgzp123/1551712318385331057 5/GMOrxp.jpeg",
"AddedSubtitleSet": [],
"RequestId": "requestId"
}
}
```

Example3 Adding subtitles to a media file

Input Example

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

{
"AddSubtitles": [
```

```
{
"Content": "V0VCVlRUCSNFbGVtZW50YWwgTWVkaWEgRW5naW5lKFRNKSAyLjE2LjAuNjAyMzk5ClgtVElNRVNUQU1QLU1BUD1MT0NBTDowMDowMDowMC4wMDAsTVBFR1RTOjE4MzY5MAoKMDA6MDA6MDEuNjAwIC0tPiAwMDowMDoxMC4yMDAKdGhpcyBpcyB0aGUgdnR0IHN1YnRpdGxlcyAKCjAwOjAwOjEwLjIwMSAtLT4gMDA6MDA6MzAuMDAwClRlbmNlbnQgQ2xvdWQgVk9E",
"Name": "English",
"Language": "en-US",
"Format": "vtt"
}
],
"FileId": "123"
}
```


Output Example


```
{
"Response": {
"CoverUrl": "",
"AddedSubtitleSet": [
{
"Id": "subtitleId",
"Name": "English",
"Language": "en-US",
"Format": "vtt",
"Url": "http://123.vod2.myqcloud.com/vodgzp123/1551712318385331057 5/subtitles/subtitleId.vtt"
}
],
"RequestId": "requestId"
}
}
```


Example4 Modifying the thumbnail of a video

Input Example


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

{
"CoverData": "/9j/4AAQSkZJRgABAQEAYABgAAD/2wBDAAgGBgcGBQgHBwcJCQgKDBQNDAsLDBkSEw8UHRofHh0aHBwgJC4nICIsIxwcKDcpLDAxNDQ0Hyc5PTgyPC4zNDL/2wBDAQkJCQwLDBgNDRgyIRwhMjIy
```

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RMFwEbChz5q/UClds9sfiIi7VtkJoBacQBd/EAtl4uGYA3TF4E7QStIjoBFo3Z4g6WQHYDpiQZl11K8no
QKsbeGCC2uNyyCq5CUUDaNqvMMRxghRgP3LHHyMx6AXysTUO+olmKpjTt6qJYr0g22VGkh+Y3uKOWLqJq
kS7tRJiEdQwgzoYCMFeIovRzExyFbhfUeLKjdpXcv5EKFuGi/CfcbVLup5PfMCRi1vxFnNFXE19iyGDBX
m2qlpGiH3v9QFF+czX5YZ29lxFbQCtKRDTfZYJSMtTDAQOIHSjqYc/ZKQi3hIvBYdbgGAsetylVTqtQyg
fAx8N8Yb6g2BWwhfvcvimpVLwfuWZl/UTFrp1EVeF13Da4A5jNhS1cJBAusRWXyhLUOVOGZCPE4SvMAFa
xo3HIqq1cw5ofmBGw+IZjY9TGCnKZX8MaRRZoOWAWuJUiBZ4cGZSfShpbVauhzvUVlJlrS/fuoA4HJYUQ
V08zFFbtQS01ELH+5lpjPEG74PqY4F73FK4jXNgZdNq4Ymf7zFqrydzAg1imIbun5l/hlpgrQwd8wQSS+
A3CqGXLmKzSnImJH+iM4kHGIArY4DMJ0RmIRoYjoiW+I2o3pKSLf3LK2uQGiH1WDQbKXpc46iEIG9lxDS
vCVFslU5lLFquz4iphKnMVCNIs4TEseIF1AXe5dKPGOImDrpZlrHC0+XUxyqvPCNCg4SECoUN0HrGIhRi
yaEq/bTYaiBdjVR3X0Dc0sDVeIvlnzOmvEBjR8RQWlI9ZIdME75ggV/Eyxd9wt8HbzNuDM1yeZgsYO4SN
V19RrSBhm8kcgg7gqjJmJkIW9hDkDAgKZrUGUbYgoBKYUgXovP8AMbcX8AuVeMleomAtAacbP1EaqodrM
G2w2x4hKQwI9Gyxs6O5U1Z9QVYad1qGGmVn+YjeNt6omTXSIVFC5e5UDbDx7ljIcEQgR7Y4HHQjaYhrUU
y6KzOyb7hNy6cSzzSBQqrNywtIu6C2WjMIYrYMMcmOmOZ+UwWUWSJ8sxwV0zgvszaWoo4begjdzR0x2Aq
ZxN2I5KFi20HESlo4YiGVi07OULl2G1U5Jlf87hpQSGUpxd454hBCtO42lazX5jFaqg1JS3O1OripLhI2
fcz5Z56X0Ms6foaovolJozNs0yqEFOalBD4jerKQWlTxCxZRqdJ8AxOyAsBV4lI7DJC4IpuFw8HlxF0VL
0oAz3+JQOMepbS8SygRFnEdM+sShxnUtYtr3AsKr7jURJci4fMI28fMY0RvcQlD5l6VB1ChtolwEDxG6S
usLlKMDqLCX6T/AIIFrzzLSwHYu4NV27RTrNrG7kwLOv8AkM4XC6Gqv7gtWylCl6ogJaNKN3cJD3CvDhf
PcD4knM34mKSqLuFvxxM229RS25gL0WsrBQnbbFX3cJGHSF5RajL9yrzAXbvW/wD4BTZGoZxMEHy4lYbT
tYVQYrSMHGIueHiAzC3cQVii7ZeWrgju+ZnhEvzmZ+4AwCsUZH1DaYXUGVsFwz5hCYMMNFe4NFF78MzSi
5KlR2TQWd1Gl5u+4I3RhQLn4IFAyDXdTJpQytgG6e8H3NayAtcSzogbCmrot+4THfjlocoYhpdFBz8Sip
2Yj+5WWdBwvvzg+pQy7ZVslIvPnMdAuYOYDd9Q8Em0A57sjE2uFVGmVfhFwwbBalFTedR6IvWJecymWlW
WFW33AHA+IW5wRNYZbiBVBLCUCYJVRgLduo/dslcATUm3jK9yu4DzFJpy8wQBHOcSo+XEdYbgZdy1th6L
d9SjLtgtCj1MNQ0bhHb01KJ4GYnCOsRMAt7g+++qqBgwSmGnUL5ewj2tAZWMWHpgc+opCJs0uCKzCi5pz
W16eYt7F+4UWpDLc3o5YG9nXbRRL6n1uvsp8H8yzcEZwHcbBkNsU2XTzH7fU5I/ZzKmcQTcekXYKdtxAq
HTEBxfDMmC2BmKSAXYIDGXCY9f9SXh5nXkJk9IMqtIw2YI1ijMy3MLhnzB2INAk3/HMwELZa7S7KNQXnd
59wAqYoaPMULYGAIWNpRAJnMp2kMRqKywkW2Uq9Z3Vo/R7dQsb3u8HhLTyAe1NN4TWIFS7MtHzUM3aHWY
R0fcFFA2KAvTKLSo2VsjnLD6kHhL4+KPuPhQ2rVeLPlyTO5EIGnj7agy3VkrccuCgBjuCK8OYhVF7CYI3
RZ0IdYgVKH0xoHvFEAYu2phfg6jCPMXHAhoYu4iEz+I1/EASnDeV0f7qMU7eIAaLvqW7DsZW8ZRT4lSHh
qUYXiEoaESylpzHZhR1KoS0qzeIBGMMcstLJbf3DO2yKbJ9QK2peoCgYyVAb8FZViA2JUb8UQouQl/n+P
iX1BZfgdfEpBTBtmsGmphqFNg0cBUqC3RbY4rBLNGhiXl+H5qAAMXYpo57sYDZWwojH5rYQucIrl/LEnO
laR3cUFwHIMQRDbR/UVcWB2u4hJc4AIIU+ISwg6qBdbHAimzO6lyAX7TEwr3HSXg5q5gM1pAOKiDUkcrm
KbGwmXVV4hnlIqzxjqVOR6QgANzLFiKAbQtpF0QVgXbZo9PCJMtQBSzPMHXo6GEt9X1MF27lVloibGXXm
5W/OarLxC5Y1NDmtwPkLU6bhicEY2BhziONcwGEhuGk0uFoo3G5PcWoKwgZXlZcqj7gKnKUhL9S0aVPVj

```
V5/3ce9nBxW7c3W7wVVZuEoIsrtV5uUX2BAVZJztdwCV1ZqL/APYlMCeSNmFtCqiTSVXyuDKWWCHFlliP
ia178wrW0JKG2EPzMqA/uaIsW7hF04GBB16/B/VxHThRj+3MYjcDBffUcUY4olejGyhPUypXaWXeT7uLM
WwrfcAWRKDorwGlt78xRTP22OTZmxMP3NSZ1wp0eYEIDfcxkvQZqUJwzIhIXOdTPD4O1qwtpzqCZ7jvmH
QY91FpmA3V9/8AEY8gJPyvHEdyaLBdHtVxXzFwrnUyORuLg05nONHU/u/JYtJ6rcq2UxZqr6qZSvpLaPq
KXlPuE+rd00qrbnuo5Qkgl65mZTpmaFj5qIWqwfl/qAcamoX2DTcOqujp3MSIDfMxP6iEYJc3Au7xEVri
U5YgVSmZcAykKXEKccRBVUw9SxF0ckSmJ3m4IwODKououD2rG3XEEURU5mnMu1cT6oFV8QZ1+zkXYMm/E
SZxAroyYcvj5irhuFClPmiZKDaqIyCZfnoixAI6DMcQDm+F4lqL9NblLtddVsv5D8w5Vemjm2VXPn4gLl
6N+olXVQpdMtaxTxGm2IiqhMqJbQIA5Tctmf/Z",
"FileId": "123"
}
```


Output Example


```
{
"Response": {
"CoverUrl": "http://123.vod2.myqcloud.com/vodgzp123/15517123183853310575/GMOrxp.jpeg",
"AddedSubtitleSet": [],
"RequestId": "requestId"
}
}
```


Example5 Modifying the timestamps of a media file

Input Example

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

{
"AddKeyFrameDescs": [
{
"TimeOffset": "2.0",
"Content": "Test 2"
},
{
"TimeOffset": "1.0",
"Content": "Test 1"
}
],
"DeleteKeyFrameDescs": [
"3.0"
```

```
],
"FileId": "123"
}
```

Output Example

```
{
"Response": {
"CoverUrl": "http://123.vod2.myqcloud.com/vodgzp123/15517123183853310575/GMOrxp.jpeg",
"AddedSubtitleSet": [],
"RequestId": "requestId"
}
}
```

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.InvalidVodUser	The VOD service is not activated.
InternalError.GetFileInfoError	Internal error: an error occurred while getting media file information.
InternalError.UpdateMediaError	Internal error: an error occurred while updating media file information.
InternalError.UploadCoverImageError	Internal error: an error occurred while uploading cover image.
InvalidParameterValue.AddKeyFrameDescsAndClearKeyFrameDescsConflict	Incorrect parameter value: `AddKeyFrameDescs` conflicts with `ClearKeyFrameDescs`.
InvalidParameterValue.AddKeyFrameDescsAndDeleteKeyFrameDescsConflict	Incorrect parameter value: `AddKeyFrameDescs` conflicts with `DeleteKeyFrameDescs`.
InvalidParameterValue.AddTagsAndClearTagsConflict	Incorrect parameter value: `AddTags` conflicts with `ClearTags`.
InvalidParameterValue.AddTagsAndDeleteTagsConflict	Incorrect parameter value: `AddTags` conflicts with `DeleteTags`.
InvalidParameterValue.Description	Incorrect parameter value: `Description` exceeds the length limit.
InvalidParameterValue.ExpireTime	Incorrect parameter value: incorrect `ExpireTime` format.
InvalidParameterValue.ImageDecodeError	Failed to Base64-decode the image.
InvalidParameterValue.KeyFrameDescContentTooLong	Incorrect parameter value:

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	the timestamp content is too long.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.TagTooLong	Incorrect parameter value: the tag is too long.
LimitExceeded.KeyFrameDescCountReachMax	Limit exceeded: the total number of new and old timestamps exceeds the limit.
LimitExceeded.TagCountReachMax	Limit exceeded: the total number of new and old tags exceeds the limit.
ResourceNotFound.FileNotExist	The resource does not exist: the file does not exist.
UnauthorizedOperation	Unauthorized operation.

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ModifyMediaStorageClass

Last updated：2025-04-27 17:15:17

1. API Description

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

This API is used to modify the storage class of media files.
If the current storage class is STANDARD, it can be changed to one of the following classes:

- STANDARD_IA
- ARCHIVE
- DEEP ARCHIVE

If the current storage class is STANDARD_IA, it can be changed to one of the following classes:

- STANDARD
- ARCHIVE
- DEEP ARCHIVE

If the current storage class is ARCHIVE, it can be changed to the following class:

- STANDARD

If the current storage class is DEEP ARCHIVE, it can be changed to the following class:

- STANDARD

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: ModifyMediaStorageClass.

Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileIds.N	Yes	Array of String	Media file unique identifier list, maximum length: 100.
StorageClass	Yes	String	The target storage class. Valid values: • STANDARD • STANDARD_IA • ARCHIVE • DEEP_ARCHIVE
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
RestoreTier	No	String	The retrieval mode. When switching files from DEEP ARCHIVE or ARCHIVE to STANDARD, you need to specify the retrieval mode. For details, see Data retrieval and retrieval mode. If the current storage class is ARCHIVE, the valid values for this parameter are as follows: • Expedited • Standard • Bulk If the current storage class is DEEP ARCHIVE, the valid values for this parameter are as follows: • Standard • Bulk

3. Output Parameters

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

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4. Example

Example1 Modify media files from standard storage to low-frequency storage

Modify media files from standard storage to low-frequency storage

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyMediaStorageClass
&FileIds.0=5285485487985271487
&StorageClass=STANDARD_IA
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "requestId"
}
}
```

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

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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.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.FileIds	Incorrect `FileIds` parameter.
InvalidParameterValue.OriginalStorageClass	Parameter error: Current storage class error.
InvalidParameterValue.StorageClass	Parameter error: The target storage class is not allowed.
InvalidParameterValue.UnsupportedRestoreTier	Parameter error: This retrieval mode is not supported for the file.
InvalidParameterValue.UnsupportedStorageClass	Parameter error: Unsupported target storage class. DEEP ARCHIVE is only supported in certain regions.
InvalidParameterValue.UnsupportedTransition	Parameter error: Unsupported storage class change.
MissingParameter	Missing parameter.
ResourceNotFound	The resource does not exist.
ResourceNotFound.FileNotExist	The resource does not exist: the file does not exist.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter error.
UnsupportedOperation	Unsupported operation.

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RestoreMedia

Last updated：2025-04-27 17:15:16

1. API Description

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

This API is used to restore files from ARCHIVE or DEEP ARCHIVE. Files stored in ARCHIVE or DEEP ARCHIVE must be restored before they can be accessed. Restored files are available for a limited period of time.

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: RestoreMedia.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileIds.N	Yes	Array of String	Media file unique identifier list, maximum length: 100.
RestoreDay	Yes	Integer	The accessible duration of the unfrozen temporary media files must be greater than 0, and the unit is "days".
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default**

			application or a newly created one), they must fill in this field with the application ID.
RestoreTier	No	String	The retrieval mode. If the current storage class is ARCHIVE, the valid values for this parameter are as follows: • Expedited: The files are made available in five minutes. • Standard: The files are made available in five hours. • Bulk: The files are made available in 12 hours. If the current storage class is DEEP ARCHIVE, the valid values for this parameter are as follows: • Standard: The files are made available in 24 hours. • Bulk: The files are made available in 48 hours.

3. Output Parameters

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

4. Example

Example1 Unfreeze media files using speed mode

Unfreeze media files using speed mode

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=RestoreMedia
&FileIds.0=5285485487985271487
&RestoreDay=1
&RestoreTier=Expedited
&<Public Request Parameter>
```

Output Example

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

```
"RequestId": "requestId"
}
}
```

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.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.FileIds	Incorrect `FileIds` parameter.
InvalidParameterValue.NotRestorable	Parameter error: The file cannot be restored.

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InvalidParameterValue.OriginalStorageClass	Parameter error: Current storage class error.
InvalidParameterValue.RestoreDay	Parameter error: Invalid `RestoreDay`.
InvalidParameterValue.RestoreTier	Parameter error: Unsupported retrieval mode.
InvalidParameterValue.UnsupportedRestoreTier	Parameter error: This retrieval mode is not supported for the file.
ResourceNotFound	The resource does not exist.
ResourceNotFound.FileNotExist	The resource does not exist: the file does not exist.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter error.
UnsupportedOperation	Unsupported operation.

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DescribeMediaInfos

Last updated：2025-04-27 17:15:19

1. API Description

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

1. This API is used to get the information of multiple media files. Specifically, the information returned is as follows:
   i. `basicInfo` : Basic information including the file name, category, playback URL, and thumbnail.
   ii. `metaData` : Metadata including the file size, duration, video stream information, and audio stream information.
   iii. `transcodeInfo` : Transcoding information including the URLs, video stream parameters, and audio stream parameters of transcoding outputs.
   iv. `animatedGraphicsInfo` : The information of the animated images (such as GIF images) generated.
   v. `sampleSnapshotInfo` : The information of the sampled screenshots generated.
   vi. `imageSpriteInfo` : The information of the image sprites generated.
   vii. `snapshotByTimeOffsetInfo` : The information of the time point screenshots generated.
   viii. `keyFrameDescInfo` : The video timestamp information.
   ix. `adaptiveDynamicStreamingInfo` : Adaptive bitrate information including the specifications, encryption type, and formats of the streams.
   x. `reviewInfo` : Moderation details for audio/video content and thumbnails.
2. You can specify what information to return.

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: DescribeMediaInfos.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileIds.N	Yes	Array of String	List of media file IDs. N starts from 0 and can be up to 19.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Filters.N	No	Array of String	The types of information to return. You can specify multiple information types. `N` starts from 0. If you do not specify this parameter, all information will be returned. The supported information types are as follows: • `basicInfo` (basic information) • `metaData` (video metadata) • `transcodeInfo` (transcoding information) • `animatedGraphicsInfo` (animated image information) • `imageSpriteInfo` (image sprite information) • `snapshotByTimeOffsetInfo` (time point screenshot information) • `sampleSnapshotInfo` (sampled screenshot information) • `keyFrameDescInfo` (timestamp information) • `adaptiveDynamicStreamingInfo` (adaptive bitrate information) • `miniProgramReviewInfo` (WeChat Mini Program moderation information) • `subtitleInfo` (subtitle information) • `reviewInfo` (moderation information)

3. Output Parameters

Parameter Name	Type	Description
MediaInfoSet	Array of MediaInfo	Media file information list.
NotExistFileIdSet	Array of String	List of IDs of files that do not exist.

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

4. Example

Example1 Describe Media Infos

Get all media information without specifying filters.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeMediaInfos
<Public Request Parameter>

{
"FileIds": [
"5285485487985271488",
"5285485487985271487"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"MediaInfoSet": [
{
"FileId": "5285485487985271487",
"BasicInfo": {
"Name": "test file",
"Description": "",
"CreateTime": "2017-01-23T07:25:52Z",
"UpdateTime": "2017-01-23T07:25:52Z",
"ExpireTime": "2017-03-23T07:25:52Z",
"ClassId": 1,
"ClassName": "Test",
"ClassPath": "Test",
"CoverUrl": "http://xx.vod2.myqcloud.com/xxxxxxxx/shotup/f0.100_0.jpg",
```

```
"Type": "mp4",
"MediaUrl": "http://xx.vod2.myqcloud.com/xx/xx/f0.mp4",
"TagSet": [],
"SourceInfo": {
"SourceType": "Record",
"SourceContext": "",
"TrtcRecordInfo": null,
"WebPageRecordInfo": null,
"LiveRecordInfo": null
},
"Category": "Video",
"Vid": "",
"StorageClass": "STANDARD",
"StorageRegion": "gzp",
"Status": "Normal"
},
"MetaData": {
"AudioDuration": 3601,
"VideoDuration": 3601,
"Md5": "",
"Size": 10556,
"Container": "m4a",
"Duration": 3601,
"Bitrate": 246035,
"Height": 480,
"Width": 640,
"Rotate": 0,
"VideoStreamSet": [
{
"Bitrate": 246000,
"Height": 480,
"Width": 640,
"Codec": "h264",
"Fps": 222,
"CodecTag": "",
"DynamicRangeInfo": {
"Type": "SDR",
"HDRType": ""
}
}
],
"AudioStreamSet": [
{
"Codec": "aac",
"SamplingRate": 44100,
"Bitrate": 35
}
```


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```
]
},
"TranscodeInfo": {
"TranscodeSet": [
{
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/f0.mp4",
"Definition": 0,
"Bitrate": 563477,
"Height": 378,
"Width": 672,
"Container": "m4a",
"Duration": 3601,
"Size": 10502,
"Md5": "b3ae6ed07d9bf4efeeb94ed2d37ff3e3",
"DigitalWatermarkType": "None",
"VideoStreamSet": [
{
"Bitrate": 246000,
"Height": 480,
"Width": 640,
"Codec": "h264",
"Fps": 222,
"CodecTag": "",
"DynamicRangeInfo": {
"Type": "SDR",
"HDRType": ""
}
}
],
"AudioStreamSet": [
{
"Codec": "aac",
"SamplingRate": 44100,
"Bitrate": 35
}
],
"CopyRightWatermarkText": ""
},
{
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/f0.f210.m3u8",
"Definition": 211,
"Bitrate": 563477,
"Height": 378,
"Width": 672,
"Container": "mov",
"Duration": 3601,
"Size": 10502,
```

```
"Md5": "b3ae6ed07d9bf4efeeb94ed2d37ff3e3",
"DigitalWatermarkType": "None",
"VideoStreamSet": [
{
"Bitrate": 246000,
"Height": 480,
"Width": 640,
"Codec": "h264",
"Fps": 222,
"CodecTag": "",
"DynamicRangeInfo": {
"Type": "SDR",
"HDRType": ""
}
}
],
"AudioStreamSet": [
{
"Codec": "aac",
"SamplingRate": 44100,
"Bitrate": 35
}
],
"CopyRightWatermarkText": ""
},
{
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/master_playlist.m3u8",
"Definition": 10000,
"Duration": 145,
"Size": 265,
"Bitrate": 2840055,
"Height": 1080,
"Width": 1920,
"Container": "hls,applehttp",
"Md5": "bfcf7c6f154b18890661f9e80b0731d0",
"DigitalWatermarkType": "None",
"VideoStreamSet": [
{
"Bitrate": 2794233,
"Height": 1080,
"Width": 1920,
"Codec": "h264",
"Fps": 24,
"CodecTag": "",
"DynamicRangeInfo": {
"Type": "SDR",
"HDRType": ""
```


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```
}
}
],
"AudioStreamSet": [
{
"SamplingRate": 44100,
"Bitrate": 45822,
"Codec": "aac"
}
],
"CopyRightWatermarkText": ""
}
]
},
"AnimatedGraphicsInfo": {
"AnimatedGraphicsSet": [
{
"Url": "http://125xx.vod2.myqcloud.com/xx/xx/f20000.gif",
"Definition": 20000,
"Container": "gif",
"Height": 480,
"Width": 640,
"Bitrate": 1000000,
"Size": 600000,
"Md5": "bfcf7c6f154b1842a661f9e80b07a1d0",
"StartTimeOffset": 10,
"EndTimeOffset": 15
}
]
},
"SampleSnapshotInfo": {
"SampleSnapshotSet": [
{
"Definition": 10,
"SampleType": "percent",
"WaterMarkDefinition": [],
"Interval": 10,
"ImageUrlSet": [
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx1.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx2.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx3.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx4.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx5.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx6.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx7.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx8.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx9.png",
```


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```
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx10.png"
]
}
]
},
"ImageSpriteInfo": {
"ImageSpriteSet": [
{
"Definition": 10,
"Height": 576,
"Width": 1024,
"TotalCount": 100,
"ImageUrlSet": [
"http://xx.vod2.myqcloud.com/xx/xx/imageSprite/xx.100_0.jpg"
],
"WebVttUrl": "http://xx.vod2.myqcloud.com/xxxx/xxxx/imageSprite/xx.vtt"
}
]
},
"SnapshotByTimeOffsetInfo": {
"SnapshotByTimeOffsetSet": [
{
"Definition": 10,
"PicInfoSet": [
{
"TimeOffset": 0,
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/snapshotByTime/xx1.jpg"
},
{
"TimeOffset": 1000,
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/snapshotByTime/xx2.jpg"
}
]
}
]
},
"MiniProgramReviewInfo": {
"MiniProgramReviewList": [
{
"Url": "http://xx.vod2.myqcloud.com/xx/xx/f0.mp4",
"Definition": 0,
"ReviewResult": "pass",
"ReviewSummary": [
{
"Confidence": 0,
"Type": "Porn",
"Suggestion": "pass"
```

```
}
],
"MetaData": {
"Rotate": 0,
"Container": "m4a",
"AudioDuration": 0,
"VideoDuration": 3601,
"Md5": "",
"VideoStreamSet": [
{
"Bitrate": 246000,
"Height": 480,
"Width": 640,
"Codec": "h264",
"Fps": 222,
"CodecTag": "",
"DynamicRangeInfo": {
"Type": "SDR",
"HDRType": ""
}
}
],
"Bitrate": 563477,
"Height": 378,
"Width": 672,
"Duration": 3601,
"Size": 10502,
"AudioStreamSet": [
{
"Codec": "aac",
"SamplingRate": 44100,
"Bitrate": 35
}
]
}
}
]
},
"AdaptiveDynamicStreamingInfo": {
"AdaptiveDynamicStreamingSet": [
{
"Definition": 0,
"Package": "HLS",
"DrmType": "None",
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/master_playlist.m3u8",
"Size": 0,
"DigitalWatermarkType": "",
```

```
"CopyRightWatermarkText": "",
"SubStreamSet": []
}
]
},
"KeyFrameDescInfo": {
"KeyFrameDescSet": [
{
"TimeOffset": 1,
"Content": "abc"
},
{
"TimeOffset": 100,
"Content": "def"
}
]
},
"SubtitleInfo": {
"SubtitleSet": [
{
"Id": "subtitleId",
"Name": "English",
"Language": "en-US",
"Format": "vtt",
"Url": "http://123.vod2.myqcloud.com/vodgzp123/15517123183853310575/subtitles/subtitleId.vtt"
}
]
},
"ReviewInfo": {
"MediaReviewInfo": {
"Definition": 10,
"Suggestion": "pass",
"TypeSet": [],
"ReviewTime": "2022-10-08T10:00:00Z"
},
"CoverReviewInfo": null
}
}
],
"NotExistFileIdSet": [
"5285485487985271488"
]
}
}
```

Example2 Only obtain basic media information

Only obtain basic media information, Filters specifies basicInfo.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeMediaInfos
<Public Request Parameter>

{
"Filters": [
"basicInfo"
],
"FileIds": [
"5285485487985271488",
"5285485487985271487"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"MediaInfoSet": [
{
"FileId": "5285485487985271487",
"BasicInfo": {
"Name": "test file",
"Description": "",
"CreateTime": "2017-01-23T07:25:52Z",
"UpdateTime": "2017-01-23T07:25:52Z",
"ExpireTime": "2017-03-23T07:25:52Z",
"ClassId": 1,
"ClassName": "Test",
"ClassPath": "Test",
"CoverUrl": "http://xx.vod2.myqcloud.com/xxxxxxxx/shotup/f0.100_0.jpg",
"Type": "mp4",
"MediaUrl": "http://xx.vod2.myqcloud.com/xx/xx/f0.mp4",
"TagSet": [],
"SourceInfo": {
"SourceType": "Record",
"SourceContext": "",
```

```
"TrtcRecordInfo": null,
"WebPageRecordInfo": null,
"LiveRecordInfo": null
},
"Category": "Video",
"Vid": "",
"StorageClass": "STANDARD",
"StorageRegion": "gzp",
"Status": "Normal"
},
"MetaData": null,
"TranscodeInfo": null,
"AdaptiveDynamicStreamingInfo": null,
"AnimatedGraphicsInfo": null,
"SampleSnapshotInfo": null,
"ImageSpriteInfo": null,
"MiniProgramReviewInfo": null,
"SubtitleInfo": null,
"SnapshotByTimeOffsetInfo": null,
"KeyFrameDescInfo": null,
"ReviewInfo": null
}
],
"NotExistFileIdSet": [
"5285485487985271488"
]
}
}
```


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++

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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.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InternalError.GetMediaListError	Internal error: an error occurred while getting the media list.
InvalidParameter	Invalid parameter.
InvalidParameterValue.FileIds	Incorrect `FileIds` parameter.
InvalidParameterValue.FileIdsEmpty	The `FileIds` array is empty.
UnauthorizedOperation	Unauthorized operation.

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SearchMedia

Last updated：2025-04-27 17:15:15

1. API Description

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

Search for media information, supporting multiple condition filtering, as well as sorting and filtering of returned results. This includes:

- Specify a collection of file IDs (FileIds) to return media with any ID in the collection.
- Fuzzy search based on multiple media file names (Names) or description information (Descriptions).
- Search based on multiple file name prefixes (NamePrefixes).
- Specify a collection of categories (ClassIds, see input parameters) to return media that meets any category in the collection. For example, media categories include movies, TV shows, variety shows, etc., and there are subcategories such as historical films, action films, and romance films under the movie category. If ClassIds specifies movies and TV shows, all subcategories under movies and TV shows will be returned; if ClassIds specifies historical films and action films, only media under these two subcategories will be returned.
- Specify a collection of tags (Tags, see input parameters) to return media that meets any tag in the collection. For example, media tags include ACG, palace fighting, and ghost animal. If Tags specifies ACG and ghost animal, media that meets any of these two tags will be retrieved.
- Specify a collection of file types (Categories, see input parameters) to return media that meets any type in the collection. For example, file types include Video (video), Audio (audio), and Image (image). If Categories specifies Video and Audio, media that meets these types will be retrieved.
- Specify a collection of sources (SourceTypes, see input parameters) to return media that meets any source in the collection. For example, media sources include Record (live recording) and Upload (upload). If SourceTypes specifies Record and Upload, media that meets these sources will be retrieved.
- Specify a collection of file container formats (MediaTypes, see input parameters) to return media that meets any container format in the collection. For example, container formats include MP4, AVI, MP3, etc. If MediaTypes specifies MP4 and MP3, media that meets these container formats will be retrieved.

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- Specify a collection of file statuses (Status, see input parameters) to return media that meets any status in the collection. For example, file statuses include Normal (normal), SystemForbidden (platform ban), and Forbidden (active ban). If Status specifies Normal and Forbidden, media that meets these statuses will be retrieved.

- Specify a collection of file moderation results (ReviewResults, see input parameters) to return media that meets any status in the collection. For example, file moderation results include pass (passed) and block (not compliant). If ReviewResults specifies pass and block, media that meets these moderation results will be retrieved.

- Filter live recorded media by specifying a collection of live streaming codes (StreamIds, see input parameters).

- Filter media by specifying the creation time range of the media.

- Filter media by specifying a collection of TRTC application IDs.

- Filter media by specifying a collection of TRTC room IDs.

- The above parameters can be combined in any way to search. For example, filter media created between 12:00:00 on December 1, 2018, and 12:00:00 on December 8, 2018, categorized as movies or TV shows, and tagged with palace fighting and suspense. Note that the search logic for elements of any parameter that supports array input is 'or'. The logical relationship between all parameters is 'and'

- Allow to control the type of media information returned through Filters (default to return all information). Optional inputs include:

  i. Basic information (basicInfo): including media name, category, playback URL, cover image, etc.
  ii. Metadata (metaData): including size, duration, video stream information, audio stream information, etc.
  iii. Transcoding result information (transcodeInfo): including the media addresses, video stream parameters, audio stream parameters, etc., generated by transcoding the media into various specifications.
  iv. Animated image result information (animatedGraphicsInfo): information on the animated image (such as gif) generated after converting the video.
  Sampled screenshot information (sampleSnapshotInfo): screenshot information after sampling the video.
  v. Image sprite information (imageSpriteInfo): image sprite information after generating the sprite from the video.
  vi. Specified time point screenshot information (snapshotByTimeOffsetInfo): screenshot information after capturing the video at specified time points.
  vii. Video timestamp info (keyFrameDescInfo): timestamp information set for the video.
  viii. Adaptive Bitrate Streaming information (adaptiveDynamicStreamingInfo): including specifications, encryption types, muxing formats, and other relevant information.

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- Allow sorting the results by creation time and returning them in pages. Pagination is controlled by Offset and Limit (see input parameters).

API result count limitation:
- **Offset and Limit both affect the number of results returned in a single page query. Please pay special attention: when both of these values are missing, this API will return a maximum of 10 query results.** - **Supports up to 5,000 search results, and queries beyond this limit are not supported. If the search result volume is too large, it is recommended to use more refined filtering conditions to reduce search results.**

Not recommended for conditional filtering:

- (Not recommended: use Names, NamePrefixes, or Descriptions instead) Fuzzy search for media file names or description information with a single text (Text).
- (Not recommended: use SourceTypes instead) Search for media files with a single source (SourceType).
- (Not recommended: use StreamIds instead) Search for media files with a single live streaming code (StreamId).
- (Not recommended: use CreateTime instead) Search for media files with a single start creation time (StartTime).
- (Not recommended: use CreateTime instead) Search for media files with a single end creation time (EndTime).

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: SearchMedia.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to**

			access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.
FileIds.N	No	Array of String	File ID set. Any element in the set can be matched. • Array length limit: 10. • ID length limit: 40 characters.
Names.N	No	Array of String	The file names to use for fuzzy search, which are sorted by relevance in descending order. • Name length limit: 100 characters. • Array length limit: 10
NamePrefixes.N	No	Array of String	The file name prefixes to search. • Prefix length limit: 100 characters. • Array length limit: 10.
Descriptions.N	No	Array of String	File description set. Media file descriptions are fuzzily matched. The higher the match rate, the higher-ranked the result. • Length limit for a single description: 100 characters • Array length limit: 10
ClassIds.N	No	Array of Integer	Category ID set. The categories of the specified IDs and all subcategories in the set are matched. • Array length limit: 10.
Tags.N	No	Array of String	The tags to search. A file is considered a match if it has any of the tags specified. • Tag length limit: 32 characters. • Array length limit: 16.
Categories.N	No	Array of String	File type. Any element in the set can be matched. • Video: video file • Audio: audio file • Image: image file
SourceTypes.N	No	Array of String	Media file source set. For valid values, please see SourceType. • Array length limit: 10.
StreamIds.N	No	Array of String	The live stream code array. A media file will be returned if it matches any element in the array. • Array length limit: 10
CreateTime	No	TimeRange	Matches files created within the time period. • Includes specified start and end points in time.

ExpireTime	No	TimeRange	Files whose expiration time points are within the specified time range will be returned. Expired files will not be returned. • The files whose expiration time points are on the start or end time of the specified range will also be returned.
StorageRegions.N	No	Array of String	Regions where media files are stored, such as `ap-chongqing`. For more regions, see Storage Regions. • Length limit for a single region: 20 characters • Array length limit: 20
StorageClasses.N	No	Array of String	An array of storage classes. Valid values: • STANDARD • STANDARD_IA • ARCHIVE • DEEP_ARCHIVE
MediaTypes.N	No	Array of String	The file formats. • Array length limit: 10
Status.N	No	Array of String	The file statuses. • `Normal` • `SystemForbidden` (blocked by VOD) • `Forbidden` (blocked by you)
ReviewResults.N	No	Array of String	The types of moderation result. • `pass` • `review` (the content may be non-compliant and needs to be reviewed) • `block` (the content is non-compliant and should be blocked) • `notModerated` (the file hasn't been moderated yet)
TrtcSdkAppIds.N	No	Array of Integer	The TRTC application IDs. Any file that matches one of the application IDs will be returned. • Array length limit: 10
TrtcRoomIds.N	No	Array of String	The TRTC room IDs. Any file that matches one of the room IDs will be returned. • Element length limit: 64 characters. • Array length limit: 10.
Filters.N	No	Array of String	Specifies information entry that needs to be returned for all media files. Multiple entries can be specified simultaneously. N starts from 0. If this field is left empty, all information entries will be returned by default. Valid values: • basicInfo (basic video information).

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			• metaData (video metadata). • transcodeInfo (result information of video transcoding). • animatedGraphicsInfo (result information of animated image generating task). • imageSpriteInfo (image sprite information). • snapshotByTimeOffsetInfo (point-in-time screenshot information). • sampleSnapshotInfo (sampled screenshot information). • keyFrameDescInfo (timestamp information). • adaptiveDynamicStreamingInfo (information of adaptive bitrate streaming). • miniProgramReviewInfo (WeChat Mini Program audit information).
Sort	No	SortBy	Sorting order. • Valid value of `Sort.Field` : CreateTime. • If `Text` , `Names` , or `Descriptions` is not empty, the `Sort.Field` field will not take effect, and the search results will be sorted by match rate.
Offset	No	Integer	Start offset of a paged return. Default value: 0. Entries from No. "Offset" to No. "Offset + Limit - 1" will be returned. • Value range: "Offset + Limit" cannot be more than 5,000. (For more information, please see Limit on the Number of Results Returned by API)
Limit	No	Integer	Number of entries returned by a paged query. Default value: 10. Entries from No. "Offset" to No. "Offset + Limit - 1" will be returned. • Value range: "Offset + Limit" cannot be more than 5,000. (For more information, please see Limit on the Number of Results Returned by API)
Text	No	String	(This is not recommended. `Names` , `NamePrefixes` , or `Descriptions` should be used instead) Search text, which fuzzily matches the media file name or description. The more matching items and the higher the match rate, the higher-ranked the result. It can contain up to 64 characters.
SourceType	No	String	(This is not recommended. `SourceTypes` should be used instead) Media file source. For valid values, please see SourceType.
StreamId	No	String	(Not recommended. Consider using `StreamIds` instead.)

			The live stream code.
StartTime	No	String	(This is not recommended. `CreateTime` should be used instead) Start time in the creation time range. • After or at the start time. • If `CreateTime.After` also exists, it will be used first. • In ISO 8601 format. For more information, please see ISO Date Format.
EndTime	No	String	(This is not recommended. `CreateTime` should be used instead) End time in the creation time range. • Before the end time. • If `CreateTime.Before` also exists, it will be used first. • In ISO 8601 format. For more information, please see ISO Date Format.
Vids.N	No	Array of String	This parameter is invalid now.
Vid	No	String	This parameter is invalid now.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries. • Maximum value: 5000. If the number of eligible entries is greater than 5,000, this field will return 5,000 instead of the actual number.
MediaInfoSet	Array of MediaInfo	Media file information list
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Search uploaded files within a certain time range based on tags and sort them in descending order by creation time

Search for files with tags tag1 and tag2, creation time between 2020-12-10T07:25:52Z and 2020-12-13T07:25:52Z, and file source Upload, and sort them in descending order by creation time.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: SearchMedia
<Public Request Parameter>

{
"Sort": {
"Field": "CreateTime",
"Order": "Desc"
},
"CreateTime": {
"After": "2020-12-10T07:25:52Z",
"Before": "2020-12-13T07:25:52Z"
},
"SourceTypes": [
"Upload"
],
"Tags": [
"tag2",
"tag1"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TotalCount": 1,
"MediaInfoSet": [
{
"FileId": "5285485487985271487",
"BasicInfo": {
"Name": "Sport file",
"Description": "",
"CreateTime": "2020-12-11T07:25:52Z",
"UpdateTime": "2020-12-11T07:25:52Z",
```

```
"ExpireTime": "9999-12-31T23:59:59Z",
"ClassId": 123,
"ClassName": "Test",
"ClassPath": "Test",
"CoverUrl": "http://xx.vod2.myqcloud.com/xxxxxxxx/shotup/f0.100_0.jpg",
"Type": "mp4",
"MediaUrl": "http://xx.vod2.myqcloud.com/xxx/xx/f0.mp4",
"TagSet": [
"tag1",
"tag2"
],
"SourceInfo": {
"SourceType": "Record",
"SourceContext": "",
"TrtcRecordInfo": {
"SdkAppId": 1,
"RoomId": "RoomId",
"TaskId": "TaskId",
"UserIds": [
"UserId"
]
},
"WebPageRecordInfo": null,
"LiveRecordInfo": null
},
"StorageRegion": "ap-chongqing",
"Category": "Image",
"Vid": "5285485487985271487",
"Status": "Normal",
"StorageClass": "STANDARD"
},
"MetaData": {
"Size": 10556,
"Container": "m4a",
"Duration": 3601,
"Bitrate": 246035,
"Height": 480,
"Width": 640,
"Rotate": 0,
"VideoDuration": 3601,
"AudioDuration": 3601,
"Md5": "b3ae6ed07d9bf4efeeb94ed2d37ff3e3",
"VideoStreamSet": [
{
"Bitrate": 246000,
"Height": 480,
"Width": 640,
```


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```
"Codec": "h264",
"CodecTag": "avc1",
"Fps": 222,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
],
"AudioStreamSet": [
{
"Codec": "aac",
"SamplingRate": 44100,
"Bitrate": 35
}
]
},
"TranscodeInfo": {
"TranscodeSet": [
{
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/f0.mp4",
"Definition": 0,
"Bitrate": 563477,
"Height": 378,
"Width": 672,
"Container": "m4a",
"Duration": 3601,
"Size": 10502,
"Md5": "b3ae6ed07d9bf4efeeb94ed2d37ff3e3",
"VideoStreamSet": [
{
"Bitrate": 246000,
"Height": 480,
"Width": 640,
"Codec": "h264",
"CodecTag": "avc1",
"Fps": 222,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
],
"AudioStreamSet": [
{
"Codec": "aac",
"SamplingRate": 44100,
```

```
"Bitrate": 35
}
],
"DigitalWatermarkType": "None",
"CopyRightWatermarkText": "None"
},
{
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/f0.f210.m3u8",
"Definition": 211,
"Bitrate": 563477,
"Height": 378,
"Width": 672,
"Container": "mov",
"Duration": 3601,
"Size": 10502,
"Md5": "b3ae6ed07d9bf4efeeb94ed2d37ff3e3",
"VideoStreamSet": [
{
"Bitrate": 246000,
"Height": 480,
"Width": 640,
"Codec": "h264",
"CodecTag": "avc1",
"Fps": 222,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
],
"AudioStreamSet": [
{
"Codec": "aac",
"SamplingRate": 44100,
"Bitrate": 35
}
],
"DigitalWatermarkType": "None",
"CopyRightWatermarkText": "None"
},
{
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/master_playlist.m3u8",
"Definition": 10000,
"Duration": 145,
"Size": 265,
"Bitrate": 2840055,
"Height": 1080,
```


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```
"Width": 1920,
"Container": "hls,applehttp",
"Md5": "bfcf7c6f154b18890661f9e80b0731d0",
"VideoStreamSet": [
{
"Bitrate": 2794233,
"Height": 1080,
"Width": 1920,
"Codec": "h264",
"CodecTag": "avc1",
"Fps": 24,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
],
"AudioStreamSet": [
{
"SamplingRate": 44100,
"Bitrate": 45822,
"Codec": "aac"
}
],
"DigitalWatermarkType": "None",
"CopyRightWatermarkText": "None"
}
]
},
"AnimatedGraphicsInfo": {
"AnimatedGraphicsSet": [
{
"Url": "http://125xx.vod2.myqcloud.com/xx/xx/f20000.gif",
"Definition": 20000,
"Container": "gif",
"Height": 480,
"Width": 640,
"Bitrate": 1000000,
"Size": 600000,
"Md5": "bfcf7c6f154b1842a661f9e80b07a1d0",
"StartTimeOffset": 10,
"EndTimeOffset": 15
}
]
},
"SampleSnapshotInfo": {
"SampleSnapshotSet": [
```

```
{
"Definition": 10,
"SampleType": "percent",
"WaterMarkDefinition": [
0
],
"Interval": 10,
"ImageUrlSet": [
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx1.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx2.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx3.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx4.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx5.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx6.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx7.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx8.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx9.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx10.png"
]
}
]
},
"ImageSpriteInfo": {
"ImageSpriteSet": [
{
"Definition": 10,
"Height": 576,
"Width": 1024,
"TotalCount": 100,
"ImageUrlSet": [
"http://xx.vod2.myqcloud.com/xx/xx/imageSprite/xx.100_0.jpg"
],
"WebVttUrl": "http://xx.vod2.myqcloud.com/xxxx/xxxx/imageSprite/xx.vtt"
}
]
},
"SnapshotByTimeOffsetInfo": {
"SnapshotByTimeOffsetSet": [
{
"Definition": 10,
"PicInfoSet": [
{
"TimeOffset": 0,
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/snapshotByTime/xx1.jpg"
},
{
"TimeOffset": 1000,
```

```
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/snapshotByTime/xx2.jpg"
}
]
}
]
},
"KeyFrameDescInfo": {
"KeyFrameDescSet": [
{
"TimeOffset": 1,
"Content": "abc"
},
{
"TimeOffset": 100,
"Content": "def"
}
]
},
"MiniProgramReviewInfo": {
"MiniProgramReviewList": [
{
"Url": "url",
"Definition": 0,
"ReviewResult": "Pass",
"ReviewSummary": [
{
"Confidence": 0,
"Type": "Porn",
"Suggestion": "pass"
}
],
"MetaData": {
"Rotate": 0,
"Container": "mp4",
"AudioDuration": 0,
"Md5": "md5",
"VideoStreamSet": [
{
"Width": 0,
"Codec": "h264",
"CodecTag": "avc1",
"Bitrate": 0,
"Fps": 0,
"Height": 0,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
```


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```
}
}
],
"Height": 0,
"VideoDuration": 0,
"Width": 0,
"Duration": 0,
"Size": 0,
"Bitrate": 0,
"AudioStreamSet": [
{
"SamplingRate": 0,
"Codec": "h264",
"Bitrate": 0
}
]
}
}
]
},
"AdaptiveDynamicStreamingInfo": {
"AdaptiveDynamicStreamingSet": [
{
"Size": 10556,
"DrmType": "drm",
"Definition": 0,
"Url": "url",
"Package": "HLS",
"SubStreamSet": [],
"DigitalWatermarkType": "NONE",
"CopyRightWatermarkText": "NONE"
}
]
},
"SubtitleInfo": {
"SubtitleSet": [
{
"Url": "url",
"Format": "vtt",
"Name": "name",
"Language": "cn",
"Id": "id"
}
]
},
"ReviewInfo": null
}
```

```
]
}
}
```

Example2 Search files within a certain time range based on file name prefix and sort by creation time in descending order

Search for files with filename prefix Sport and creation time between 2020-12-10T07:25:52Z and 2020-12-13T07:25:52Z, and sort by creation time in descending order.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: SearchMedia
<Public Request Parameter>

{
"Sort": {
"Field": "CreateTime",
"Order": "Desc"
},
"NamePrefixes": [
"Sport"
],
"CreateTime": {
"After": "2020-12-10T07:25:52Z",
"Before": "2020-12-13T07:25:52Z"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TotalCount": 1,
"MediaInfoSet": [
{
"FileId": "5285485487985271487",
"BasicInfo": {
"Name": "Sport file",
"Description": "",
"CreateTime": "2020-12-11T07:25:52Z",
```

```
"UpdateTime": "2020-12-11T07:25:52Z",
"ExpireTime": "9999-12-31T23:59:59Z",
"ClassId": 123,
"ClassName": "Test",
"ClassPath": "Test",
"CoverUrl": "http://xx.vod2.myqcloud.com/xxxxxxxx/shotup/f0.100_0.jpg",
"Type": "mp4",
"MediaUrl": "http://xx.vod2.myqcloud.com/xxx/xx/f0.mp4",
"TagSet": [],
"SourceInfo": {
"SourceType": "Record",
"SourceContext": "",
"TrtcRecordInfo": {
"SdkAppId": 1,
"RoomId": "RoomId",
"TaskId": "TaskId",
"UserIds": [
"UserId"
]
},
"WebPageRecordInfo": null,
"LiveRecordInfo": null
},
"StorageRegion": "ap-chongqing",
"Category": "Video",
"Vid": "5285485487985271487",
"Status": "Normal",
"StorageClass": "STANDARD"
},
"MetaData": {
"Size": 10556,
"Container": "m4a",
"Duration": 3601,
"Bitrate": 246035,
"Height": 480,
"Width": 640,
"Rotate": 0,
"VideoDuration": 3601,
"AudioDuration": 3601,
"Md5": "b3ae6ed07d9bf4efeeb94ed2d37ff3e3",
"VideoStreamSet": [
{
"Bitrate": 246000,
"Height": 480,
"Width": 640,
"Codec": "h264",
"CodecTag": "avc1",
```


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```
"Fps": 222,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
],
"AudioStreamSet": [
{
"Codec": "aac",
"SamplingRate": 44100,
"Bitrate": 35
}
]
},
"TranscodeInfo": {
"TranscodeSet": [
{
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/f0.mp4",
"Definition": 0,
"Bitrate": 563477,
"Height": 378,
"Width": 672,
"Container": "m4a",
"Duration": 3601,
"Size": 10502,
"Md5": "b3ae6ed07d9bf4efeeb94ed2d37ff3e3",
"VideoStreamSet": [
{
"Bitrate": 246000,
"Height": 480,
"Width": 640,
"Codec": "h264",
"CodecTag": "avc1",
"Fps": 222,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
],
"AudioStreamSet": [
{
"Codec": "aac",
"SamplingRate": 44100,
"Bitrate": 35
}
```


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```
],
"DigitalWatermarkType": "None",
"CopyRightWatermarkText": "None"
},
{
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/f0.f210.m3u8",
"Definition": 211,
"Bitrate": 563477,
"Height": 378,
"Width": 672,
"Container": "mov",
"Duration": 3601,
"Size": 10502,
"Md5": "b3ae6ed07d9bf4efeeb94ed2d37ff3e3",
"VideoStreamSet": [
{
"Bitrate": 246000,
"Height": 480,
"Width": 640,
"Codec": "h264",
"CodecTag": "avc1",
"Fps": 222,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
],
"AudioStreamSet": [
{
"Codec": "aac",
"SamplingRate": 44100,
"Bitrate": 35
}
],
"DigitalWatermarkType": "None",
"CopyRightWatermarkText": "None"
},
{
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/master_playlist.m3u8",
"Definition": 10000,
"Duration": 145,
"Size": 265,
"Bitrate": 2840055,
"Height": 1080,
"Width": 1920,
"Container": "hls,applehttp",
```


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```
"Md5": "bfcf7c6f154b18890661f9e80b0731d0",
"VideoStreamSet": [
{
"Bitrate": 2794233,
"Height": 1080,
"Width": 1920,
"Codec": "h264",
"CodecTag": "avc1",
"Fps": 24,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
],
"AudioStreamSet": [
{
"SamplingRate": 44100,
"Bitrate": 45822,
"Codec": "aac"
}
],
"DigitalWatermarkType": "None",
"CopyRightWatermarkText": "None"
}
]
},
"AnimatedGraphicsInfo": {
"AnimatedGraphicsSet": [
{
"Url": "http://125xx.vod2.myqcloud.com/xx/xx/f20000.gif",
"Definition": 20000,
"Container": "gif",
"Height": 480,
"Width": 640,
"Bitrate": 1000000,
"Size": 600000,
"Md5": "bfcf7c6f154b1842a661f9e80b07a1d0",
"StartTimeOffset": 10,
"EndTimeOffset": 15
}
]
},
"SampleSnapshotInfo": {
"SampleSnapshotSet": [
{
"Definition": 10,
```

```
"SampleType": "percent",
"WaterMarkDefinition": [
0
],
"Interval": 10,
"ImageUrlSet": [
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx1.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx2.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx3.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx4.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx5.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx6.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx7.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx8.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx9.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx10.png"
]
}
]
},
"ImageSpriteInfo": {
"ImageSpriteSet": [
{
"Definition": 10,
"Height": 576,
"Width": 1024,
"TotalCount": 100,
"ImageUrlSet": [
"http://xx.vod2.myqcloud.com/xx/xx/imageSprite/xx.100_0.jpg"
],
"WebVttUrl": "http://xx.vod2.myqcloud.com/xxxx/xxxx/imageSprite/xx.vtt"
}
]
},
"SnapshotByTimeOffsetInfo": {
"SnapshotByTimeOffsetSet": [
{
"Definition": 10,
"PicInfoSet": [
{
"TimeOffset": 0,
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/snapshotByTime/xx1.jpg"
},
{
"TimeOffset": 1000,
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/snapshotByTime/xx2.jpg"
}
```

```
]
}
]
},
"KeyFrameDescInfo": {
"KeyFrameDescSet": [
{
"TimeOffset": 1,
"Content": "abc"
},
{
"TimeOffset": 100,
"Content": "def"
}
]
},
"MiniProgramReviewInfo": {
"MiniProgramReviewList": [
{
"Url": "url",
"Definition": 0,
"ReviewResult": "Pass",
"ReviewSummary": [
{
"Confidence": 0,
"Type": "Porn",
"Suggestion": "pass"
}
],
"MetaData": {
"Rotate": 0,
"Container": "mp4",
"AudioDuration": 0,
"Md5": "md5",
"VideoStreamSet": [
{
"Width": 0,
"Codec": "h264",
"CodecTag": "avc1",
"Bitrate": 0,
"Fps": 0,
"Height": 0,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
```

```
],
"Height": 0,
"VideoDuration": 0,
"Width": 0,
"Duration": 0,
"Size": 0,
"Bitrate": 0,
"AudioStreamSet": [
{
"SamplingRate": 0,
"Codec": "h264",
"Bitrate": 0
}
]
}
}
]
},
"AdaptiveDynamicStreamingInfo": {
"AdaptiveDynamicStreamingSet": [
{
"Size": 10556,
"DrmType": "drm",
"Definition": 0,
"Url": "url",
"Package": "HLS",
"SubStreamSet": [],
"DigitalWatermarkType": "NONE",
"CopyRightWatermarkText": "NONE"
}
]
},
"SubtitleInfo": {
"SubtitleSet": [
{
"Url": "url",
"Format": "vtt",
"Name": "name",
"Language": "cn",
"Id": "id"
}
]
},
"ReviewInfo": null
}
]
```

```
}
}
```

Example3 Fuzzy search for files within a certain time range based on file names and sort by creation time in descending order

Search for files whose file names match the keyword Sport and whose creation time is between 2020-12-10T07:25:52Z and 2020-12-13T07:25:52Z, and sort them in descending order by creation time.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: SearchMedia
<Public Request Parameter>

{
"Sort": {
"Field": "CreateTime",
"Order": "Desc"
},
"Names": [
"Sport"
],
"CreateTime": {
"After": "2020-12-10T07:25:52Z",
"Before": "2020-12-13T07:25:52Z"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TotalCount": 1,
"MediaInfoSet": [
{
"FileId": "5285485487985271487",
"BasicInfo": {
"Name": "Sport file",
"Description": "",
"CreateTime": "2020-12-11T07:25:52Z",
"UpdateTime": "2020-12-11T07:25:52Z",
```

```
"ExpireTime": "9999-12-31T23:59:59Z",
"ClassId": 123,
"ClassName": "Test",
"ClassPath": "Test",
"CoverUrl": "http://xx.vod2.myqcloud.com/xxxxxxxx/shotup/f0.100_0.jpg",
"Type": "mp4",
"MediaUrl": "http://xx.vod2.myqcloud.com/xxx/xx/f0.mp4",
"TagSet": [],
"SourceInfo": {
"SourceType": "Record",
"SourceContext": "",
"TrtcRecordInfo": {
"SdkAppId": 1,
"RoomId": "RoomId",
"TaskId": "TaskId",
"UserIds": [
"UserId"
]
},
"WebPageRecordInfo": null,
"LiveRecordInfo": null
},
"StorageRegion": "ap-chongqing",
"Category": "Video",
"Vid": "52854854879852714 87",
"Status": "Normal",
"StorageClass": "STANDARD"
},
"MetaData": {
"Size": 10556,
"Container": "m4a",
"Duration": 3601,
"Bitrate": 246035,
"Height": 480,
"Width": 640,
"Rotate": 0,
"VideoDuration": 3601,
"AudioDuration": 3601,
"Md5": "b3ae6ed07d9bf4efeeb94ed2d37ff3e3",
"VideoStreamSet": [
{
"Bitrate": 246000,
"Height": 480,
"Width": 640,
"Codec": "h264",
"CodecTag": "avc1",
"Fps": 222,
```

```
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
],
"AudioStreamSet": [
{
"Codec": "aac",
"SamplingRate": 44100,
"Bitrate": 35
}
]
},
"TranscodeInfo": {
"TranscodeSet": [
{
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/f0.mp4",
"Definition": 0,
"Bitrate": 563477,
"Height": 378,
"Width": 672,
"Container": "m4a",
"Duration": 3601,
"Size": 10502,
"Md5": "b3ae6ed07d9bf4efeeb94ed2d37ff3e3",
"VideoStreamSet": [
{
"Bitrate": 246000,
"Height": 480,
"Width": 640,
"Codec": "h264",
"CodecTag": "avc1",
"Fps": 222,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
],
"AudioStreamSet": [
{
"Codec": "aac",
"SamplingRate": 44100,
"Bitrate": 35
}
],
```

```
"DigitalWatermarkType": "None",
"CopyRightWatermarkText": "None"
},
{
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/f0.f210.m3u8",
"Definition": 211,
"Bitrate": 563477,
"Height": 378,
"Width": 672,
"Container": "mov",
"Duration": 3601,
"Size": 10502,
"Md5": "b3ae6ed07d9bf4efeeb94ed2d37ff3e3",
"VideoStreamSet": [
{
"Bitrate": 246000,
"Height": 480,
"Width": 640,
"Codec": "h264",
"CodecTag": "avc1",
"Fps": 222,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
],
"AudioStreamSet": [
{
"Codec": "aac",
"SamplingRate": 44100,
"Bitrate": 35
}
],
"DigitalWatermarkType": "None",
"CopyRightWatermarkText": "None"
},
{
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/master_playlist.m3u8",
"Definition": 10000,
"Duration": 145,
"Size": 265,
"Bitrate": 2840055,
"Height": 1080,
"Width": 1920,
"Container": "hls,applehttp",
"Md5": "bfcf7c6f154b18890661f9e80b0731d0",
```

```
"VideoStreamSet": [
{
"Bitrate": 2794233,
"Height": 1080,
"Width": 1920,
"Codec": "h264",
"CodecTag": "avc1",
"Fps": 24,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
],
"AudioStreamSet": [
{
"SamplingRate": 44100,
"Bitrate": 45822,
"Codec": "aac"
}
],
"DigitalWatermarkType": "None",
"CopyRightWatermarkText": "None"
}
]
},
"AnimatedGraphicsInfo": {
"AnimatedGraphicsSet": [
{
"Url": "http://125xx.vod2.myqcloud.com/xx/xx/f20000.gif",
"Definition": 20000,
"Container": "gif",
"Height": 480,
"Width": 640,
"Bitrate": 1000000,
"Size": 600000,
"Md5": "bfcf7c6f154b1842a661f9e80b07a1d0",
"StartTimeOffset": 10,
"EndTimeOffset": 15
}
]
},
"SampleSnapshotInfo": {
"SampleSnapshotSet": [
{
"Definition": 10,
"SampleType": "percent",
```

```
"WaterMarkDefinition": [
0
],
"Interval": 10,
"ImageUrlSet": [
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx1.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx2.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx3.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx4.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx5.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx6.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx7.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx8.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx9.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx10.png"
]
}
]
},
"ImageSpriteInfo": {
"ImageSpriteSet": [
{
"Definition": 10,
"Height": 576,
"Width": 1024,
"TotalCount": 100,
"ImageUrlSet": [
"http://xx.vod2.myqcloud.com/xx/xx/imageSprite/xx.100_0.jpg"
],
"WebVttUrl": "http://xx.vod2.myqcloud.com/xxxx/xxxx/imageSprite/xx.vtt"
}
]
},
"SnapshotByTimeOffsetInfo": {
"SnapshotByTimeOffsetSet": [
{
"Definition": 10,
"PicInfoSet": [
{
"TimeOffset": 0,
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/snapshotByTime/xx1.jpg"
},
{
"TimeOffset": 1000,
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/snapshotByTime/xx2.jpg"
}
]
```


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```
}
]
},
"KeyFrameDescInfo": {
"KeyFrameDescSet": [
{
"TimeOffset": 1,
"Content": "abc"
},
{
"TimeOffset": 100,
"Content": "def"
}
]
},
"MiniProgramReviewInfo": {
"MiniProgramReviewList": [
{
"Url": "url",
"Definition": 0,
"ReviewResult": "Pass",
"ReviewSummary": [
{
"Confidence": 0,
"Type": "Porn",
"Suggestion": "pass"
}
],
"MetaData": {
"Rotate": 0,
"Container": "mp4",
"AudioDuration": 0,
"Md5": "md5",
"VideoStreamSet": [
{
"Width": 0,
"Codec": "h264",
"CodecTag": "avc1",
"Bitrate": 0,
"Fps": 0,
"Height": 0,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
],
```

```
"Height": 0,
"VideoDuration": 0,
"Width": 0,
"Duration": 0,
"Size": 0,
"Bitrate": 0,
"AudioStreamSet": [
{
"SamplingRate": 0,
"Codec": "h264",
"Bitrate": 0
}
]
}
}
]
},
"AdaptiveDynamicStreamingInfo": {
"AdaptiveDynamicStreamingSet": [
{
"Size": 10556,
"DrmType": "drm",
"Definition": 0,
"Url": "url",
"Package": "HLS",
"SubStreamSet": [],
"DigitalWatermarkType": "NONE",
"CopyRightWatermarkText": "NONE"
}
]
},
"SubtitleInfo": {
"SubtitleSet": [
{
"Url": "url",
"Format": "vtt",
"Name": "name",
"Language": "cn",
"Id": "id"
}
]
},
"ReviewInfo": null
}
]
}
}
```

Example4 Search the recording files within a certain time range based on the push live broadcast code, and sort them in descending order by creation time

Search for recording files whose live broadcast codes are StreamId_test1 and StreamId_test2 and whose creation time is between 2020-12-10T07:25:52Z and 2020-12-13T07:25:52Z. Sort them in descending order by creation time. Only the first one that meets the conditions will be returned. files.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: SearchMedia
<Public Request Parameter>

{
"Sort": {
"Field": "CreateTime",
"Order": "Desc"
},
"StreamIds": [
"StreamId_test2",
"StreamId_test1"
],
"Limit": 1,
"SourceTypes": [
"Record"
],
"Offset": 0,
"CreateTime": {
"After": "2020-12-10T07:25:52Z",
"Before": "2020-12-13T07:25:52Z"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TotalCount": 1,
"MediaInfoSet": [
{
"FileId": "5285485487985271487",
```

```
"BasicInfo": {
"Name": "Sport file",
"Description": "",
"CreateTime": "2020-12-11T07:25:52Z",
"UpdateTime": "2020-12-11T07:25:52Z",
"ExpireTime": "9999-12-31T23:59:59Z",
"ClassId": 123,
"ClassName": "Test",
"ClassPath": "Test",
"CoverUrl": "http://xx.vod2.myqcloud.com/xxxxxxxx/shotup/f0.100_0.jpg",
"Type": "mp4",
"MediaUrl": "http://xx.vod2.myqcloud.com/xxx/xx/f0.mp4",
"TagSet": [
"tag1",
"tag2"
],
"SourceInfo": {
"SourceType": "Record",
"SourceContext": "",
"TrtcRecordInfo": {
"SdkAppId": 1,
"RoomId": "RoomId",
"TaskId": "TaskId",
"UserIds": [
"UserId"
]
},
"WebPageRecordInfo": null,
"LiveRecordInfo": null
},
"StorageRegion": "ap-chongqing",
"Category": "Image",
"Vid": "5285485487985271487",
"Status": "Normal",
"StorageClass": "STANDARD"
},
"MetaData": {
"Size": 10556,
"Container": "m4a",
"Duration": 3601,
"Bitrate": 246035,
"Height": 480,
"Width": 640,
"Rotate": 0,
"VideoDuration": 3601,
"AudioDuration": 3601,
"Md5": "b3ae6ed07d9bf4efeeb94ed2d37ff3e3",
```

```
"VideoStreamSet": [
{
"Bitrate": 246000,
"Height": 480,
"Width": 640,
"Codec": "h264",
"CodecTag": "avc1",
"Fps": 222,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
],
"AudioStreamSet": [
{
"Codec": "aac",
"SamplingRate": 44100,
"Bitrate": 35
}
]
},
"TranscodeInfo": {
"TranscodeSet": [
{
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/f0.mp4",
"Definition": 0,
"Bitrate": 563477,
"Height": 378,
"Width": 672,
"Container": "m4a",
"Duration": 3601,
"Size": 10502,
"Md5": "b3ae6ed07d9bf4efeeb94ed2d37ff3e3",
"VideoStreamSet": [
{
"Bitrate": 246000,
"Height": 480,
"Width": 640,
"Codec": "h264",
"CodecTag": "avc1",
"Fps": 222,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
```

```
],
"AudioStreamSet": [
{
"Codec": "aac",
"SamplingRate": 44100,
"Bitrate": 35
}
],
"DigitalWatermarkType": "None",
"CopyRightWatermarkText": "None"
},
{
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/f0.f210.m3u8",
"Definition": 211,
"Bitrate": 563477,
"Height": 378,
"Width": 672,
"Container": "mov",
"Duration": 3601,
"Size": 10502,
"Md5": "b3ae6ed07d9bf4efeeb94ed2d37ff3e3",
"VideoStreamSet": [
{
"Bitrate": 246000,
"Height": 480,
"Width": 640,
"Codec": "h264",
"CodecTag": "avc1",
"Fps": 222,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
],
"AudioStreamSet": [
{
"Codec": "aac",
"SamplingRate": 44100,
"Bitrate": 35
}
],
"DigitalWatermarkType": "None",
"CopyRightWatermarkText": "None"
},
{
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/master_playlist.m3u8",
```

```
"Definition": 10000,
"Duration": 145,
"Size": 265,
"Bitrate": 2840055,
"Height": 1080,
"Width": 1920,
"Container": "hls,applehttp",
"Md5": "bfcf7c6f154b18890661f9e80b0731d0",
"VideoStreamSet": [
{
"Bitrate": 2794233,
"Height": 1080,
"Width": 1920,
"Codec": "h264",
"CodecTag": "avc1",
"Fps": 24,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
],
"AudioStreamSet": [
{
"SamplingRate": 44100,
"Bitrate": 45822,
"Codec": "aac"
}
],
"DigitalWatermarkType": "None",
"CopyRightWatermarkText": "None"
}
]
},
"AnimatedGraphicsInfo": {
"AnimatedGraphicsSet": [
{
"Url": "http://125xx.vod2.myqcloud.com/xx/xx/f20000.gif",
"Definition": 20000,
"Container": "gif",
"Height": 480,
"Width": 640,
"Bitrate": 1000000,
"Size": 600000,
"Md5": "bfcf7c6f154b1842a661f9e80b07a1d0",
"StartTimeOffset": 10,
"EndTimeOffset": 15
```


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```
}
]
},
"SampleSnapshotInfo": {
"SampleSnapshotSet": [
{
"Definition": 10,
"SampleType": "percent",
"WaterMarkDefinition": [
0
],
"Interval": 10,
"ImageUrlSet": [
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx1.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx2.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx3.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx4.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx5.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx6.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx7.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx8.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx9.png",
"http://125xx.vod2.myqcloud.com/xx/xx/shotup/xx10.png"
]
}
]
},
"ImageSpriteInfo": {
"ImageSpriteSet": [
{
"Definition": 10,
"Height": 576,
"Width": 1024,
"TotalCount": 100,
"ImageUrlSet": [
"http://xx.vod2.myqcloud.com/xx/xx/imageSprite/xx.100_0.jpg"
],
"WebVttUrl": "http://xx.vod2.myqcloud.com/xxxx/xxxx/imageSprite/xx.vtt"
}
]
},
"SnapshotByTimeOffsetInfo": {
"SnapshotByTimeOffsetSet": [
{
"Definition": 10,
"PicInfoSet": [
{
```

```
"TimeOffset": 0,
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/snapshotByTime/xx1.jpg"
},
{
"TimeOffset": 1000,
"Url": "http://xxxx.vod2.myqcloud.com/xx/xx/snapshotByTime/xx2.jpg"
}
]
}
]
},
"KeyFrameDescInfo": {
"KeyFrameDescSet": [
{
"TimeOffset": 1,
"Content": "abc"
},
{
"TimeOffset": 100,
"Content": "def"
}
]
},
"MiniProgramReviewInfo": {
"MiniProgramReviewList": [
{
"Url": "url",
"Definition": 0,
"ReviewResult": "Pass",
"ReviewSummary": [
{
"Confidence": 0,
"Type": "Porn",
"Suggestion": "pass"
}
],
"MetaData": {
"Rotate": 0,
"Container": "mp4",
"AudioDuration": 0,
"Md5": "md5",
"VideoStreamSet": [
{
"Width": 0,
"Codec": "h264",
"CodecTag": "avc1",
"Bitrate": 0,
```

```
"Fps": 0,
"Height": 0,
"DynamicRangeInfo": {
"Type": "HDR",
"HDRType": "hdr10"
}
}
],
"Height": 0,
"VideoDuration": 0,
"Width": 0,
"Duration": 0,
"Size": 0,
"Bitrate": 0,
"AudioStreamSet": [
{
"SamplingRate": 0,
"Codec": "h264",
"Bitrate": 0
}
]
}
}
]
},
"AdaptiveDynamicStreamingInfo": {
"AdaptiveDynamicStreamingSet": [
{
"Size": 10556,
"DrmType": "drm",
"Definition": 0,
"Url": "url",
"Package": "HLS",
"SubStreamSet": [],
"DigitalWatermarkType": "NONE",
"CopyRightWatermarkText": "NONE"
}
]
},
"SubtitleInfo": {
"SubtitleSet": [
{
"Url": "url",
"Format": "vtt",
"Name": "name",
"Language": "cn",
"Id": "id"
```


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```
}
]
},
"ReviewInfo": null
}
]
}
}
```

Example5 Search image files within a certain time range based on classification, and only return basic file information, sorted by creation time in descending order

Search for image files with a ClassId of 123 and a creation time between 2020-12-10T07:25:52Z and 2020-12-13T07:25:52Z, sort them in descending order by creation time, and only return the basic information of the file.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: SearchMedia
<Public Request Parameter>

{
"Sort": {
"Field": "CreateTime",
"Order": "Desc"
},
"Filters": [
"basicInfo"
],
"Categories": [
"Image"
],
"ClassIds": [
123
],
"CreateTime": {
"After": "2020-12-10T07:25:52Z",
"Before": "2020-12-13T07:25:52Z"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TotalCount": 2,
"MediaInfoSet": [
{
"FileId": "5285890811175706012",
"BasicInfo": {
"Name": "Fog",
"Description": "",
"CreateTime": "2020-12-11T07:02:36Z",
"UpdateTime": "2020-12-11T07:02:37Z",
"ExpireTime": "9999-12-31T23:59:59Z",
"ClassId": 123,
"ClassName": "icon",
"ClassPath": "icon",
"CoverUrl": "",
"Type": "png",
"MediaUrl": "http://xxx.com/Tmf3xphxGoUA.png",
"TagSet": [],
"StorageRegion": "ap-shanghai",
"SourceInfo": {
"SourceType": "Upload",
"SourceContext": "",
"TrtcRecordInfo": {
"SdkAppId": 1,
"RoomId": "RoomId",
"TaskId": "TaskId",
"UserIds": [
"UserId"
]
},
"WebPageRecordInfo": null,
"LiveRecordInfo": null
},
"Vid": "5285890811175706012",
"Category": "Image",
"Status": "Normal",
"StorageClass": "STANDARD"
},
"SubtitleInfo": {
"SubtitleSet": [
{
"Url": "url",
"Format": "vtt",
"Name": "name",
```

```
"Language": "cn",
"Id": "id"
}
]
},
"ReviewInfo": null,
"MetaData": null,
"TranscodeInfo": null,
"AnimatedGraphicsInfo": null,
"SampleSnapshotInfo": null,
"ImageSpriteInfo": null,
"SnapshotByTimeOffsetInfo": null,
"KeyFrameDescInfo": null,
"AdaptiveDynamicStreamingInfo": null,
"MiniProgramReviewInfo": null
},
{
"FileId": "5285890811175698692",
"BasicInfo": {
"Name": "partly cloudy",
"Description": "",
"CreateTime": "2020-12-11T07:02:35Z",
"UpdateTime": "2020-12-11T07:02:36Z",
"ExpireTime": "9999-12-31T23:59:59Z",
"ClassId": 737598,
"ClassName": "icon",
"ClassPath": "icon",
"CoverUrl": "",
"Type": "png",
"MediaUrl": "http://xxx/uAgVpElena0A.png",
"TagSet": [],
"StorageRegion": "ap-shanghai",
"SourceInfo": {
"SourceType": "Upload",
"SourceContext": "",
"TrtcRecordInfo": {
"SdkAppId": 1,
"RoomId": "RoomId",
"TaskId": "TaskId",
"UserIds": [
"UserId"
]
},
"WebPageRecordInfo": null,
"LiveRecordInfo": null
},
"Vid": "5285890811175698692",
```

```
"Category": "Image",
"Status": "Normal",
"StorageClass": "STANDARD"
},
"SubtitleInfo": {
"SubtitleSet": [
{
"Url": "url",
"Format": "vtt",
"Name": "name",
"Language": "cn",
"Id": "id"
}
]
},
"ReviewInfo": null,
"MetaData": null,
"TranscodeInfo": null,
"AnimatedGraphicsInfo": null,
"SampleSnapshotInfo": null,
"ImageSpriteInfo": null,
"SnapshotByTimeOffsetInfo": null,
"KeyFrameDescInfo": null,
"AdaptiveDynamicStreamingInfo": null,
"MiniProgramReviewInfo": null
}
]
}
}
```


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

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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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InternalError.GetMediaListError	Internal error: an error occurred while getting the media list.
InvalidParameterValue.Categories	Invalid file type.
InvalidParameterValue.ClassIds	Incorrect parameter value: invalid `ClassIds`.
InvalidParameterValue.EndTime	Incorrect parameter value: invalid `EndTime`.
InvalidParameterValue.FileIds	Incorrect `FileIds` parameter.
InvalidParameterValue.NamePrefixes	Invalid filename prefix.
InvalidParameterValue.Names	Too many elements in the `Names` array.
InvalidParameterValue.Offset	Incorrect parameter value: invalid `Offset`.
InvalidParameterValue.Sort	Incorrect parameter value: invalid `Sort`.
InvalidParameterValue.SourceType	Incorrect parameter value: invalid `SourceType`.
InvalidParameterValue.SourceTypes	Unknown media file source.
InvalidParameterValue.StartTime	Incorrect parameter value: invalid `StartTime`.
InvalidParameterValue.StorageRegions	Invalid `StorageRegions`.
InvalidParameterValue.StreamIds	Invalid stream ID.

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InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
InvalidParameterValue.Tags	Incorrect parameter value: invalid `Tags` .
InvalidParameterValue.Text	Incorrect parameter value: search text.
InvalidParameterValue.Types	Invalid `Types` .
InvalidParameterValue.Vids	Invalid `Vids` .
LimitExceeded	Quota limit is exceeded.
UnauthorizedOperation	Unauthorized operation.

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Event Notification Relevant API DescribeEventConfig

Last updated：2025-04-27 17:15:26

1. API Description

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

Tencent Cloud VOD provides customers with services such as media upload, media management, and media processing. During or after the execution of these services, Tencent Cloud VOD also offers various corresponding event notifications to facilitate developers' awareness of the service processing status and to perform subsequent business operations. Developers can use this interface to query the current configuration of event notification reception methods, reception addresses, and which events have callback notification reception enabled.

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: DescribeEventConfig.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

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3. Output Parameters

Parameter Name	Type	Description
Mode	String	How to receive event notifications. • PUSH: HTTP callback notification; • PULL: Reliable notification based on message queue .
NotificationUrl	String	The address used to receive 3.0 format callbacks when using the HTTP callback notification reception method.
UploadMediaCompleteEventSwitch	String	Whether to receive the Video Upload Completed event notification. "OFF" is to ignore the event notification, and "ON" is to receive the event notification.
DeleteMediaCompleteEventSwitch	String	Whether to receive Video deletion completed event notification, "OFF" means to ignore the event notification, "ON" means to receive the event notification .
PersistenceCompleteEventSwitch	String	Whether to receive the Persistence completed event notification, "OFF" means to ignore the event notification, "ON" means to receive the event notification.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeEventConfig
&<common request parameters>
```

Output Example

```
{
"Response": {
"Mode": "PUSH",
"NotificationUrl": "http://mydemo.com/receiveevent",
```

```
"UploadMediaCompleteEventSwitch": "ON",
"DeleteMediaCompleteEventSwitch": "OFF",
"PersistenceCompleteEventSwitch": "OFF",
"RequestId": "27217d38-95c0-4335-8532-e5154ffb03aa"
}
}
```


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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
UnauthorizedOperation	Unauthorized operation.

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ModifyEventConfig

Last updated：2025-04-27 17:15:26

1. API Description

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

Tencent Cloud VOD provides customers with media upload, media management, media processing and other services. During or at the end of the execution of these services, Tencent Cloud On-Demand also provides various corresponding event notifications to facilitate developers to perceive the service processing status and Do the next business operation.

Developers can achieve this by calling this interface:

- Set the type of callback notification received. Currently, there is HTTP callback notification and reliable notification based on message queue two types.
- For HTTP callback notification, you can set the address of the 3.0 format callback. For the description of 3.0 format callback, see Historical Format Callback.
- Select settings to receive or ignore notification events for specific event services.

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: ModifyEventConfig.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.

Region	No	String	Common Params. This parameter is not required.
Mode	No	String	How to receive event notifications. • PUSH: HTTP callback notification; • PULL: Reliable notification based on message queue .
NotificationUrl	No	String	The address used to receive 3.0 format callbacks when using the HTTP callback notification reception method. Note: If the NotificationUrl parameter is provided and the value is an empty string, the 3.0 format callback address will be cleared.
UploadMediaCompleteEventSwitch	No	String	Whether to receive the Video Upload Completed event notification. The default "OFF" is to ignore the event notification, and "ON" is to receive the event notification.
DeleteMediaCompleteEventSwitch	No	String	Whether to receive Video deletion completed event notification, the default "OFF" means to ignore the event notification, "ON" means to receive the event notification .
PersistenceCompleteEventSwitch	No	String	Whether to receive the Persistence completed event notification, the default "OFF" means to ignore the event notification, "ON" means to receive the event notification.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the

		request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Set event notification information

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyEventConfig
&Mode=PUSH
&NotificationUrl=http://mydemo.com/receiveevent
&UploadMediaCompleteEventSwitch=ON
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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

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- 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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
UnauthorizedOperation	Unauthorized operation.

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ConfirmEvents

Last updated：2025-04-27 17:15:27

1. API Description

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

- After the `PullEvents` API is called to get an event, this API must be called to confirm that the message has been received;
- After the event handler is obtained, the validity period of waiting for confirmation is 30 seconds. If the wait exceeds 30 seconds, a parameter error will be reported (4000);
- For more information, please see the reliable callback of event notification.

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: ConfirmEvents.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
EventHandles.N	Yes	Array of String	Event handler, i.e., the `EventSet. EventHandle` field in the output parameters of the event notification pulling API. Array length limit: 16.
ExtInfo	No	String	Reserved field for special purposes.

SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Confirming event notifications

This example shows you how to confirm event notifications have been received.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ConfirmEvents
&EventHandles.0=111
&EventHandles.1=222
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
UnauthorizedOperation	Unauthorized operation.

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PullEvents

Last updated：2025-04-27 17:15:25

1. API Description

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

- This API is used to get event notifications from the business server through reliable callback.
- The API gets event data through long polling. That is, if there is any unconsumed event on the server, the event notification will be returned to the requester immediately. If there is no unconsumed event on the server, the request will be suspended in the backend until a new event is generated.
- The request can be suspended for up to 5 seconds. It's recommended to set the request timeout period to 10 seconds.
- Event notifications not pulled will be retained for up to 4 days and may be cleared after this period.
- After the API returns an event, the caller must call the ConfirmEvents API within 30 seconds to confirm that the event notification has been processed. Otherwise, the event notification will be pulled again after 30 seconds.
- This API can get up to 16 event notifications at a 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: PullEvents.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.

ExtInfo	No	String	Reserved field for special purposes.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

Parameter Name	Type	Description
EventSet	Array of EventContent	List of events. Note: this field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Pull events

Pull events

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: PullEvents
<Public Request Parameter>

{}
```

Output Example

```
{
"Response": {
"EventSet": [
{
"EventHandle": "EventHandle1",
```

```
"EventType": "ProcedureStateChanged",
"FileUploadEvent": null,
"ExtractCopyRightWatermarkCompleteEvent": null,
"QualityInspectCompleteEvent": null,
"ProcedureStateChangeEvent": {
"TaskId": "1256712345-Procedure-475b7237438a39560b9879a4556cb177t2",
"Status": "FINISH",
"ErrCode": 0,
"Message": "",
"FileId": "5285890784246869930",
"FileName": "small",
"FileUrl": "https://123.vod2.myqcloud.com/d042887avodtransgzp1256768367/c643347c5
285890784246869930/1546950643_4191274987.100_0.jpg",
"SessionContext": "",
"SessionId": "",
"OperationType": "",
"TasksNotifyMode": "Finish",
"TasksPriority": 0,
"Operator": "",
"MetaData": {
"AudioDuration": 59.990001678467,
"AudioStreamSet": [
{
"Bitrate": 383854,
"Codec": "aac",
"SamplingRate": 48000
}
],
"Md5": "07d635581e7f295b623f40bad0fbfd4c1",
"Bitrate": 1021028,
"Container": "mov,mp4,m4a,3gp,3g2,mj2",
"Duration": 60,
"Height": 480,
"Rotate": 0,
"Size": 7700180,
"VideoDuration": 60,
"VideoStreamSet": [
{
"Bitrate": 637174,
"Codec": "h264",
"CodecTag": "",
"Fps": 23,
"Height": 480,
"Width": 640,
"DynamicRangeInfo": {
"HDRType": "",
"Type": "SDR"
```

```
}
}
],
"Width": 640
},
"MediaProcessResultSet": [
{
"Type": "Transcode",
"TranscodeTask": {
"Status": "SUCCESS",
"ErrCode": 0,
"ErrCodeExt": "",
"Message": "SUCCESS",
"Progress": 100,
"BeginProcessTime": "2023-09-08T02:23:29Z",
"FinishTime": "2023-09-08T03:23:29Z",
"Input": {
"Definition": 20,
"WatermarkSet": [],
"TraceWatermark": {
"Switch": "ON",
"Definition": 1
},
"CopyRightWatermark": {
"Text": "copyRightxxx"
},
"MosaicSet": [],
"HeadTailSet": [],
"StartTimeOffset": 2,
"EndTimeOffset": 3
},
"Output": {
"Url": "http://123.vod2.myqcloud.com/d042887avodtransgzp1256768367/c643347c528589
0784246869930/v.f20.mp4",
"Size": 4189073,
"Container": "mov,mp4,m4a,3gp,3g2,mj2",
"Height": 480,
"Width": 640,
"Bitrate": 552218,
"Md5": "eff7031ad7877865f9a3240e9ab165ad",
"Duration": 60.04700088501,
"VideoStreamSet": [
{
"Bitrate": 503727,
"Codec": "h264",
"CodecTag": "",
"Fps": 24,
```

```
"Height": 480,
"Width": 640,
"DynamicRangeInfo": {
"HDRType": "",
"Type": "SDR"
}
}
],
"AudioStreamSet": [
{
"Bitrate": 48491,
"Codec": "aac",
"SamplingRate": 44100
}
],
"Definition": 0,
"DigitalWatermarkType": "None",
"CopyRightWatermarkText": ""
}
},
"AnimatedGraphicTask": null,
"SnapshotByTimeOffsetTask": null,
"SampleSnapshotTask": null,
"ImageSpriteTask": null,
"CoverBySnapshotTask": null
}
],
"AiContentReviewResultSet": [],
"AiAnalysisResultSet": [],
"AiRecognitionResultSet": []
},
"FileDeleteEvent": null,
"PullCompleteEvent": null,
"EditMediaCompleteEvent": null,
"SplitMediaCompleteEvent": null,
"ComposeMediaCompleteEvent": null,
"WechatPublishCompleteEvent": null,
"TranscodeCompleteEvent": null,
"ConcatCompleteEvent": null,
"ClipCompleteEvent": null,
"CreateImageSpriteCompleteEvent": null,
"SnapshotByTimeOffsetCompleteEvent": null,
"WechatMiniProgramPublishCompleteEvent": null,
"RemoveWatermarkCompleteEvent": null,
"RestoreMediaCompleteEvent": null,
"RebuildMediaCompleteEvent": null,
"ExtractTraceWatermarkCompleteEvent": null,
```


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```
"ReviewAudioVideoCompleteEvent": null,
"DescribeFileAttributesCompleteEvent": null,
"ReduceMediaBitrateCompleteEvent": null
}
],
"RequestId": "5ca61a3a-6b8e-4b4e-9256-fdc001190064ef0"
}
}
```


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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.

ResourceNotFound	The resource does not exist.
UnauthorizedOperation	Unauthorized operation.

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Media Categorization APIs
CreateClass

Last updated：2025-04-27 17:15:23

1. API Description

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

- This API is used to categorize media assets for management;
- It does not affect the categories of existing media assets. If you want to modify the category of a media asset, call the ModifyMediaInfo API.
- There can be up to 4 levels of categories.
- One category can have up to 500 subcategories under it.

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: CreateClass.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
ParentId	Yes	Integer	Parent category ID. For a first-level category, enter `-1`.
ClassName	Yes	String	Category name. Length limit: 1-64 characters.

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SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Creating a video category

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateClass
&ParentId=-1
&ClassName=First-level category 1
&SubAppId=1
&<Common request parameters>
```

Output Example

```
{
"Response": {
"ClassId": 1,
"RequestId": "38bac707-7f64-42fa-9369-cdddcc36550d"
}
}
```

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 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.ClassLevelLimitExceeded	Operation failed: the number of category levels exceeds the limit.
FailedOperation.ClassNameDuplicate	Operation failed: the category name already exists.
FailedOperation.InvalidVodUser	The VOD service is not activated.
FailedOperation.ParentIdNoFound	Operation failed: the parent category ID does not exist.
FailedOperation.SubclassLimitExceeded	Operation failed: the number of subcategories exceeds the limit.
InternalError	Internal error.
InvalidParameterValue.ClassName	Incorrect parameter value: invalid `ClassName`
InvalidParameterValue.ParentId	Incorrect parameter value: invalid `ParentId`
UnauthorizedOperation	Unauthorized operation.

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DeleteClass

Last updated：2025-04-27 17:15:22

1. API Description

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

- A category can be deleted only if it has no subcategories and associated media files;
- Otherwise, delete the media files and subcategories first before deleting the category.

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: DeleteClass.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
ClassId	Yes	Integer	Category ID
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Deleting a video category

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteClass
&ClassId=1
&SubAppId=1
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```

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 C++

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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.ClassId	Incorrect parameter value: category ID.
UnauthorizedOperation	Unauthorized operation.
UnsupportedOperation.ClassNotEmpty	Non-empty categories cannot be deleted.

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DescribeAllClass

Last updated：2025-04-27 17:15:22

1. API Description

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

- This API is used to get the information of all categories.

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: DescribeAllClass.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

Parameter	Type	Description

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Name		
ClassInfoSet	Array of MediaClassInfo	Category information set Note: this field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying all video categories

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeAllClass
&<Common request parameters>
```

Output Example

```
{
"Response": {
"ClassInfoSet": [
{
"ClassId": 0,
"Level": 0,
"ClassName": "Others",
"ParentId": -1,
"SubClassIdSet": null
},
{
"ClassId": 1,
"Level": 0,
"ClassName": "Custom first-level category",
"ParentId": -1,
"SubClassIdSet": [
2,
3
]
},
{
"ClassId": 2,
```

```
"Level": 2,
"ClassName": "Custom second-level category",
"ParentId": 1,
"SubClassIdSet": [
4,
5
]
},
{
"ClassId": 3,
"Level": 2,
"ClassName": "Custom second-level category",
"ParentId": 1,
"SubClassIdSet": null
},
{
"ClassId": 4,
"Level": 3,
"ClassName": "Custom third-level category",
"ParentId": 2,
"SubClassIdSet": null
},
{
"ClassId": 5,
"Level": 3,
"ClassName": "Custom third-level category",
"ParentId": 2,
"SubClassIdSet": null
}
],
"RequestId": "requestId"
}
}
```


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 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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
UnauthorizedOperation	Unauthorized operation.

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ModifyClass

Last updated：2025-04-27 17:15:20

1. API Description

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

This API is used to modify the category of a media file.

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: ModifyClass.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
ClassId	Yes	Integer	Category ID
ClassName	Yes	String	Category name, which can contain 1-64 characters.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

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3. Output Parameters

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

4. Example

Example1 Modifying a video category

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyClass
&ClassId=1
&ClassName=First-level category 2
&SubAppId=1
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "1363f1c5-c938-468a-96f3-0ca7743aa7bb"
}
}
```

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 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.ClassNameDuplicate	Operation failed: the category name already exists.
FailedOperation.ClassNoFound	Operation failed: the category does not exist.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue.ClassId	Incorrect parameter value: category ID.
InvalidParameterValue.ClassName	Incorrect parameter value: invalid `ClassName`
UnauthorizedOperation	Unauthorized operation.

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Domain Name Management APIs
CreateVodDomain

Last updated：2024-11-27 16:39:22

1. API Description

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

This API is used to add an acceleration domain name to VOD. One user can add up to 20 domain names.

1. After a domain name is added, VOD will deploy it, and it takes about 2 minutes for the domain name status to change from `Deploying` to `Online` .

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: CreateVodDomain.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Domain	Yes	String	Domain name to add to VOD. Note: a wildcard domain name is not supported.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default**

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			application or a newly created one), they must fill in this field with the application ID.
AccelerateArea	No	String	Region to enable acceleration. Valid values: • `Chinese Mainland` • `Outside Chinese Mainland` • `Global` If `AccelerateArea` is not specified, VOD will enable acceleration in or outside Chinese mainland based on the regional information a user has configured with Tencent Cloud.
Type	No	String	Domain type. Valid values: • `VOD` : Domain name distributed using the VOD product; • `EdgeOne` : Domain name distributed using the EdgeOne product. default value: VOD.

3. Output Parameters

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

4. Example

Example1 CreateVodDomain

CreateVodDomain

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateVodDomain
&Domain=myexample.com
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4551-9d4b-5594145287e1"
}
}
```

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
AuthFailure	CAM signature/authentication error.
FailedOperation	Operation failed.
FailedOperation.InvalidAccount	User account exception.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InvalidParameter	Invalid parameter.

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InvalidParameterValue.DomainNameInBlackList	This domain name cannot be added as it is invalid.
UnauthorizedOperation.DomainRecordNotVerified	

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DeleteVodDomain

Last updated：2025-04-27 17:15:34

1. API Description

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

This API is used to delete an acceleration domain name from VOD.

1. Before deleting a domain name, disable its acceleration in all regions.

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: DeleteVodDomain.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Domain	Yes	String	Domain name to delete from VOD
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

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3. Output Parameters

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

4. Example

Example1 Deleting an acceleration domain name from VOD

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteVodDomain
&Domain=myexample.com
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4551-9d4b-5594145287e1"
}
}
```

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

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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
AuthFailure	CAM signature/authentication error.
FailedOperation	Operation failed.
InvalidParameter	Invalid parameter.

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DescribeCdnLogs

Last updated：2025-04-27 17:15:32

1. API Description

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

This API is used to query the download links of CDN access logs of a VOD domain name.
1. Only download links of CDN logs for the last 30 days can be queried.
2. By default, CDN generates a log file every hour. If there is no CDN access for a certain hour, no log file will be generated for the hour.
3. A CDN log download link is valid for 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: DescribeCdnLogs.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
DomainName	Yes	String	Domain name.
StartTime	Yes	String	Start time for log acquisition in ISO date format.
EndTime	Yes	String	End time in ISO date format, which must be after the start time.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD**

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			service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.
Limit	No	Integer	Maximum return results of pulling paginated queries. Default value: 100; maximum value: 1000
Offset	No	Integer	Page number offset from the beginning of paginated queries. Default value: 0

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of log download links Note: this field may return `null`, indicating that no valid value is obtained.
OverseaCdnLogs	Array of CdnLogInfo	Log download list for CDN nodes outside Mainland China. If global acceleration is not enabled for the domain name, ignore this parameter. Note: this field may return null, indicating that no valid values can be obtained.
DomesticCdnLogs	Array of CdnLogInfo	Log download list for CDN nodes in Mainland China. Note: this field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying CDN log download links

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeCdnLogs
&DomainName=test.vod2.myqcloud.com
&StartTime=2021-03-01T00:00:00+08:00
```

```
&EndTime=2021-03-02T00:00:00+08:00
&<Common request parameters>
```

Output Example


```
{
"Response": {
"TotalCount": 202,
"DomesticCdnLogs": [
{
"Date": "2021-03-01",
"Name": "2018120213-test.vod2.myqcloud.com",
"Url": "http: //test.log.cdn/2018120213-test.vod2.myqcloud.com.tar.gz",
"StartTime": "2021-03-01T15:00:00+08:00",
"EndTime": "2021-03-01T15:59:59+08:00"
}
],
"OverseaCdnLogs": [],
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```


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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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.NetWorkError	Network error.
InternalError	Internal error.
InvalidParameterValue.DomainName	Invalid parameter: the domain name does not exist.
InvalidParameterValue.EndTime	Incorrect parameter value: invalid `EndTime` .
InvalidParameterValue.StartTime	Incorrect parameter value: invalid `StartTime` .
UnauthorizedOperation	Unauthorized operation.

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DescribeVodDomains

Last updated：2024-11-27 16:48:08

1. API Description

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

This API is used to query the list of VOD domain names.

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: DescribeVodDomains.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Domains.N	No	Array of String	Domain name list. When this field is left blank, all domain name information will be listed by default. The limitations of this field are as follows: • The maximum number of domain names is 20.
Limit	No	Integer	Maximum results to return for pulling paginated queries. Default value: 20
Offset	No	Integer	Page number offset from the beginning of paginated queries. Default value: 0
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD**

			service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of domain names
DomainSet	Array of DomainDetailInfo	Domain name information list
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Describe Vod Domains

Describe Vod Domains.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeVodDomains
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"DomainSet": [
{
"Domain": "myexample.com",
"AccelerateAreaInfos": [
{
"Area": "Internation",
```

```
"TencentDisableReason": "",
"TencentEdgeDomain": "myexmample.com.dnsv1.com"
}
],
"RefererAuthPolicy": {
"Status": "Disabled",
"AuthType": "",
"BlankRefererAllowed": "No",
"Referers": []
},
"DeployStatus": "Deploying",
"HTTPSConfig": {
"CertExpireTime": "2030-01-23T07:25:52Z"
},
"UrlSignatureAuthPolicy": {
"Status": "Enabled",
"EncryptedKey": "acmowmeomeo13432a"
},
"CreateTime": "2019-12-23T07:25:52Z",
"QUICConfig": null
}
],
"RequestId": "aeomo-133w3-amomow-22"
}
}
```


5. Developer Resources

SDK

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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.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InvalidParameter	Invalid parameter.
InvalidParameterValue.Limit	Invalid parameter: Limit.
InvalidParameterValue.LimitTooLarge	Incorrect parameter value: `Limit` is too large.
InvalidParameterValue.Offset	Incorrect parameter value: invalid `Offset` .
InvalidParameterValue.OffsetTooLarge	Incorrect parameter value: `Offset` is too large.

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ModifyVodDomainAccelerateConfig

Last updated：2025-04-27 17:15:31

1. API Description

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

This API is used to modify the acceleration region of a domain name on VOD.

1. You can modify acceleration regions of only domain names whose status is `Online`.

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: ModifyVodDomainAccelerateConfig.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Domain	Yes	String	Domain name for acceleration setting
Area	Yes	String	Region. Valid values: • `Chinese Mainland` • `Outside Chinese Mainland` • `Global`
Status	Yes	String	Whether to enable or disable domain name acceleration for the selected

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			region. Valid values: • `Enabled` : enable • `Disabled` : disable
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Enabling acceleration in the Chinese mainland for a domain

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyVodDomainAccelerateConfig
&Domain=myexample.com
&Area=Chinese Mainland
&Status=Enabled
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4551-9d4b-5594145287e1"
}
}
```

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.DomainDeploying	You cannot modify the settings of the domain name as it is being deployed.
InvalidParameter	Invalid parameter.

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SetVodDomainCertificate

Last updated：2025-04-27 17:15:29

1. API Description

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

Set Vod Domain Certificate.

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: SetVodDomainCertificate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Domain	Yes	String	Domain name
Operation	Yes	String	The operation type of this API call, optional value: • Set: Set the certificate required for the domain name HTTPS; • Clear: Clear the domain name HTTPS configuration, after clearing, the domain name cannot support
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

CertID	No	String	Tencent Cloud SSL uploaded certificate ID. No need to fill in this field when clearing domain HTTPS configuration

3. Output Parameters

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

4. Example

Example1 Set domain name HTTPS certificate information

Input Example

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

{
"Domain": "myexample.com",
"Operation": "Set",
"CertID": "xfgfdgds"
}
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4551-9d4b-5594145287e1"
}
}
```

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.DomainDeploying	You cannot modify the settings of the domain name as it is being deployed.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InvalidParameterValue	Incorrect parameter value.

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ModifyVodDomainConfig

Last updated：2025-04-27 17:15:30

1. API Description

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

This API is used to modify domain name settings, such as the hotlink protection configuration.

1. You can modify settings of only domain names whose status is `Online`.

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: ModifyVodDomainConfig.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Domain	Yes	String	Domain name
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or**

			a newly created one), they must fill in this field with the application ID.
RefererAuthPolicy	No	RefererAuthPolicy	Referer hotlink protection policy
UrlSignatureAuthPolicy	No	UrlSignatureAuthPolicy	Key hotlink protection policy
QUICConfig	No	DomainQUICConfig	The QUIC configuration.

3. Output Parameters

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

4. Example

Example1 Enabling QUIC for a domain

This example shows you how to enable QUIC for a domain.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyVodDomainConfig
&Domain=myexample.com
&QUICConfig.Status=Enabled
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4551-9d4b-5594145287e1"
}
}
```

Example2 Enabling key hotlink protection for a domain

This example shows you how to enable key hotlink protection for a domain.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyVodDomainConfig
&Domain=myexample.com
&UrlSignatureAuthPolicy.Status=Enabled
&UrlSignatureAuthPolicy.EncryptedKey=xxxx
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4551-9d4b-5594145287e1"
}
}
```

Example3 Enabling referer hotlink protection for a domain

This example shows you how to enable referer hotlink protection for a domain.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyVodDomainConfig
&Domain=myexample.com
&RefererAuthPolicy.Status=Enabled
&RefererAuthPolicy.AuthType=Black
&RefererAuthPolicy.Referers.0=example.com
&RefererAuthPolicy.BlankRefererAllowed=Yes
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4551-9d4b-5594145287e1"
}
}
```

Example4

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyVodDomainConfig
&Domain=myexample.com
&IPFilterPolicy.Status=Enabled
&IPFilterPolicy.FilterType=Black
&IPFilterPolicy.IPList.0=1.1.1.1
&IPFilterPolicy.IPList.1=2.3.4.5
&<common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4551-9d4b-55941457e1"
}
}
```

Example5

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyVodDomainConfig
&Domain=myexample.com
&IPFilterPolicy.Status=Enabled
&IPFilterPolicy.FilterType=White
&IPFilterPolicy.IPList.0=1.2.3.4
&IPFilterPolicy.IPList.1=2.3.4.5
&<common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "1536ae8d8e-dce3-4551-9d4b-55f78201"
}
}
```

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.DomainDeploying	You cannot modify the settings of the domain name as it is being deployed.
InvalidParameter	Invalid parameter.

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CloneCDNDomain

Last updated：2025-04-27 17:15:37

1. API Description

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

Clone CDN 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: CloneCDNDomain.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Domain	Yes	String	Domain
ReferenceDomain	Yes	String	The cloned domain.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

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3. Output Parameters

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

4. Example

Example1 Clone CDN Domin

Clone CDN Domain

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CloneCdnDomain
&Domain=myexample2.com
&ReferenceDomain=myexample.com
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4551-9d4b-5594145287e1"
}
}
```

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 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
AuthFailure	CAM signature/authentication error.
FailedOperation	Operation failed.
FailedOperation.InvalidAccount	User account exception.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InvalidParameter	Invalid parameter.

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CreateCDNDomain

Last updated：2025-04-27 17:15:36

1. API Description

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

This API is used for adding domain names to VOD. A user can add up to 20 domain names. 1. After the domain name is added successfully, VOD will carry out the deployment of the domain name. It takes approximately 2 minutes for the domain name to change from the deployment status to the online status.

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: CreateCDNDomain.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Domain	Yes	String	Domain
Config	Yes	CDNDomainConfig	Domain Config
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's**

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			the default application or a newly created one), they must fill in this field with the application ID.

3. Output Parameters

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

4. Example

Example1 Create VOD domain

Create CDN domain

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateCdnDomain
&Domain=myexample.com
&Config.Area=mainland
&Config.Origin.Origins.0=src.myexample.com
&Config.Origin.OriginType=domain
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4551-9d4b-5594145287e1"
}
}
```

5. Developer Resources

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- Tencent Cloud SDK 3.0 for Node.js
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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
AuthFailure	CAM signature/authentication error.
FailedOperation	Operation failed.
FailedOperation.InvalidAccount	User account exception.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InvalidParameter	Invalid parameter.
InvalidParameterValue.DomainNameInBlackList	This domain name cannot be added as it is invalid.

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DeleteCDNDomain

Last updated：2025-04-27 17:15:35

1. API Description

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

Delete CDN 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: DeleteCDNDomain.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Domain	Yes	String	Domain.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Delete VOD domain

Delete VOD domain

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteCdnDomain
&Domain=myexample.com
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4551-9d4b-5594145287e1"
}
}
```

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 .NET

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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.DomainDeploying	You cannot modify the settings of the domain name as it is being deployed.
InvalidParameter	Invalid parameter.

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DescribeCDNDomains

Last updated：2025-04-27 17:15:33

1. API Description

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

Describe CDN Domains

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: DescribeCDNDomains.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Domains.N	No	Array of String	List of domain. If this field is left blank, all domain information will be listed by default.
Limit	No	Integer	The maximum number of returned results for pagination fetching. Default value: 20.
Offset	No	Integer	The starting offset of paged pull. Default value: 0.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default**

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			application or a newly created one), they must fill in this field with the application ID.

3. Output Parameters

Parameter Name	Type	Description
DomainSet	Array of CDNDomainInfo	Domain information list.
TotalCount	Integer	The total number of CDN domains under the current application.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Describe CDN Domains

Describe CDN Domains

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeCdnDomains
&<Public Request Parameter>
```

Output Example


```
{
"Response": {
"DomainSet": [
{
"Domain": "myexample.com",
"DeployStatus": "online",
"Cname": "",
"CreateTime": "2022-01-01T00:00:00+08:00",
"Config": {
"Area": "mainland",
"Origin": {
"Origins": [
```

```
"src.myexample.com"
],
"OriginType": "domain",
"ServerName": "",
"OriginPullProtocol": "http",
"BackupOrigins": [
"xxx.com"
],
"BackupOriginType": "domain",
"BackupServerName": "",
"OriginCompany": "others"
},
"IpFilter": null,
"UserAgentFilter": null,
"FollowRedirect": null,
"RequestHeader": null,
"ResponseHeader": null,
"Cache": null,
"Https": null,
"Authentication": null,
"ForceRedirect": null,
"Referer": null,
"MaxAge": null,
"Ipv6Access": null,
"Quic": null,
"AwsPrivateAccess": null,
"OssPrivateAccess": null,
"HwPrivateAccess": null,
"OthersPrivateAccess": null
}
}
],
"TotalCount": 1,
"RequestId": "12ae8d8e-dce3-4551-9d4b-5594145287e"
}
}
```


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
AuthFailure	CAM signature/authentication error.
FailedOperation	Operation failed.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InvalidParameter	Invalid parameter.

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ModifyCDNDomainConfig

Last updated：2025-04-27 17:15:31

1. API Description

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

Modify CDN Domain Config.

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: ModifyCDNDomainConfig.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Domain	Yes	String	Domain.
Config	Yes	CDNDomainConfigForUpdate	Domain Config.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Modify CDN Domain Config

Modify CDN Domain Config

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyCdnDomainConfig
&Domain=myexample.com
&Config.Origin.Origins.0=src2.myexample.com
&Config.Origin.OriginType=domain
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4551-9d4b-5594145287e1"
}
}
```

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.
FailedOperation.DomainDeploying	You cannot modify the settings of the domain name as it is being deployed.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InvalidParameter	Invalid parameter.

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StartCDNDomain

Last updated：2025-04-27 17:15:28

1. API Description

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

This API is used for enabling/disabling the CDN acceleration 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: StartCDNDomain.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Domain	Yes	String	Domain.
Operation	Yes	String	Domain name operation, value: • start: enable; • stop: disable.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

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3. Output Parameters

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

4. Example

Example1 Start CDN Domain

Start CDN Domain

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=StartCdnDomain
&Domain=myexample.com
&Operation=start
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4551-9d4b-5594145287e1"
}
}
```

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
AuthFailure	CAM signature/authentication error.
InvalidParameter	Invalid parameter.

CreateDomainVerifyRecord

Last updated：2024-12-26 10:38:00

1. API Description

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

This API is used for generating a subdomain resolution, prompting the customer to add it to the domain name resolution, used for wildcard domain and domain name retrieval verification of ownership.

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: CreateDomainVerifyRecord.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Domain	Yes	String	Need to access the VOD acceleration domain name.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2024, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 CreateDomainVerifyRecord

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateDomainVerifyRecord
<Public Request Parameter>

{
"Domain": "abc.explame.com"
}
```

Output Example

```
{
"Response": {
"DNSVerifyInfo": {
"SubDomain": "_cdnauth",
"Record": "20241211104123bab0a442ce4c4618209f",
"RecordType": "TXT"
},
"FileVerifyInfo": {
"FileVerifyUrl": "http://explame.com/verification.html",
"FileVerifyDomains": [
"explame.com",
```

```
"abc.explame.com"
],
"FileVerifyName": "verification.html"
},
"RequestId": "bffb15f07530b57bc1aabb01fac74bcb"
}
}
```


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
AuthFailure	CAM signature/authentication error.
FailedOperation	Operation failed.
InvalidParameter	Invalid parameter.

VerifyDomainRecord

Last updated：2024-12-26 10:37:59

1. API Description

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

This API is used to verify the domain name resolution value.

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: VerifyDomainRecord.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Domain	Yes	String	Need to access the VOD acceleration domain name.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2024, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
VerifyType	No	String	VerifyType: • dns: DNS Parse verification; • fIle: Document verification.

			Default value: dns.

3. Output Parameters

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

4. Example

Example1 Verify domain name record

Verify domain name record

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: VerifyDomainRecord
<Public Request Parameter>

{
"Domain": "abc.com",
"VerifyType": "dns"
}
```

Output Example

```
{
"Response": {
"RequestId": "30cca198-d096-43ae-8aec-9f87d5a0860e",
"Result": true
}
}
```

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
AuthFailure	CAM signature/authentication error.
FailedOperation	Operation failed.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InvalidParameter	Invalid parameter.

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Distribution APIs
DescribeDrmKeyProviderInfo

Last updated：2025-04-27 17:15:40

1. API Description

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

This API is used to query DRM key information.

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

We recommend you to use API Explorer

Try it

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeDrmKeyProviderInfo.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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Parameter Name	Type	Description
SDMCInfo	SDMCDrmKeyProviderInfo	The DRM key information provided by SDMC. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying DRM key information

Input Example

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

{}
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-4594145287e1",
"SDMCInfo": {
"Uid": "123",
"SecretId": "testId",
"SecretKey": "testKey",
"FairPlayCertificateUrl": "https://xx/fairplay.cer"
}
}
}
```

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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
ResourceNotFound	The resource does not exist.

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PushUrlCache

Last updated：2025-04-27 17:15:39

1. API Description

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

1. This API is used to prefetch a list of specified URLs.
2. The URL domain names must have already been registered with VOD.
3. Up to 20 URLs can be specified in one request.
4. By default, the maximum number of URLs that can be refreshed per day is 10,000.

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: PushUrlCache.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Urls.N	Yes	Array of String	List of prefetched URLs. Up to 20 ones can be specified at a time.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a**

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			VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.

3. Output Parameters

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

4. Example

Example1 Prefetching URLs

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=PushUrlCache
&Urls.0=http://1251634155-test.vod2.myqcloud.com/079cf6a3vodcq1251634155/aaa.mp4
&Urls.1=http://1251634155-test.vod2.myqcloud.com/079cf6a3vodcq1251634155/bbb.mp4
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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.
InvalidParameterValue	Incorrect parameter value.
LimitExceeded	Quota limit is exceeded.
UnauthorizedOperation	Unauthorized operation.

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RefreshUrlCache

Last updated：2025-04-27 17:15:39

1. API Description

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

1. This API is used to purge URLs.
2. The URL domain names must have already been registered with VOD.
3. Up to 20 URLs can be specified in one request.
4. By default, the maximum number of URLs allowed for purge per day is 100,000.

A maximum of 5 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: RefreshUrlCache.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Urls.N	Yes	Array of String	The URLs to purge. You can specify up to 20 URLs per request.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a**

			VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.

3. Output Parameters

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

4. Example

Example1 Purging URLs

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=RefreshUrlCache
&Urls.0=http://1251634155-test.vod2.myqcloud.com/079cf6a3vodcq1251634155/aaa.mp4
&Urls.1=http://1251634155-test.vod2.myqcloud.com/079cf6a3vodcq1251634155/bbb.mp4
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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

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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.
LimitExceeded	Quota limit is exceeded.
UnauthorizedOperation	Unauthorized operation.

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SetDrmKeyProviderInfo

Last updated：2025-04-27 17:15:38

1. API Description

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

This API is used to configure DRM key information.

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

We recommend you to use API Explorer

Try it

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: SetDrmKeyProviderInfo.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SDMCInfo	No	SDMCDrmKeyProviderInfo	The DRM key information provided by SDMC.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

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3. Output Parameters

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

4. Example

Example1 Configuring DRM key information

Input Example

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

{
"SDMCInfo": {
"SecretKey": "testKey",
"SecretId": "testId",
"Uid": "123",
"FairPlayCertificateUrl": "https://xx/fairplay.cer"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```

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
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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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.

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AI-based Sample Management APIs CreatePersonSample

Last updated：2025-04-27 17:15:49

1. API Description

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

This API is used to create samples for using facial features positioning and other technologies to perform video processing operations such as content recognition and inappropriate information recognition.

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: CreatePersonSample.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Name	Yes	String	Name of a sample. Length limit: 20 characters.
Usages.N	Yes	Array of String	Usage of a sample. Valid values: 1. Recognition: used for content recognition; equivalent to `Recognition.Face` 2. Review: used for inappropriate information recognition;

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			equivalent to `Review.Face` 3. All: equivalent to 1+2.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Description	No	String	Description of a sample. Length limit: 1024 characters.
FaceContents.N	No	Array of String	String generated after the sample image is encoded by Base64. Only JPEG and PNG images are supported. Array length limit: 5 images. Note: the image must be a relatively clear full-face photo of a person and has a resolution of no less than 200 x 200.
Tags.N	No	Array of String	Tags of a sample • Array length limit: 20 tags • Length limit of a tag: 128 characters

3. Output Parameters

Parameter Name	Type	Description
Person	AiSamplePerson	Information of a sample.
FailFaceInfoSet	Array of AiSampleFailFaceInfo	Information of samples that failed the verification by facial feature positioning.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating an image sample

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreatePersonSample
&Name=John Smith
&Tags.0=US
&Tags.1=Celebrity
&Description=American actor, director, and producer
&Usages.0=Recognition.Face
&Usages.1=Review.Face
&FaceContents.0=/9j/4AAQSkZJRgABAQEAYABgAAD/2wBDAAYEBQYFBAYGBQYHBwYIChAKCgkJChQOD
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```

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sWdgsm5UZd3GBRa4EpFNIqITnOMlsf7NSoS7FQrZAz+FKwDSKYRVqe3mgIE8UkZIyA6kZH41ARSAiIppF
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v6dawqkYUA4OR1oooAuQbXYNxj0PrWn4c1y/wBH1SG4sEQzIflVxkHPasNGw/sa63wmmnXrpDf7RKp+Un
owrOo0ldq5tRu5JJ2Z6b4d13W75HV9Rs9OjLZEEapKxJ5PPRf1roY9Ne0m877fPcknJEm3j8gKwNC0fQb
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cYJV1W5nWNNyfMQRtEinkfj1qz4llVLQl8BHjyCTjOORk/0FdLOY4yF0gupYoSJYckIw5IB7H3qdbJ5ow
7hCA33cY4Ix0rl01BrOK5udp2KjMAPXGAfzNdd8OrhLzw3ZNPud41MbEn+6cf4UrgLbaMRMN24oRlmPpi
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LhQ1eY+Prtbz4k+FrDLM0MU9xIjkFgxG0bsfxYXlhw3Dd67TU9Q/ebI3O5GZywj27W/icJ/Cw/jQcMuCO
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XXNexxLEI0JlIBAI9zyT+VUlhLZ87DMeTnnJ+lZsDx/ULCe0tvOIeSH5WMbdwM5I9sGuy+GqJHo0iwljA
07Mm7njaM1R8RQPp+myQsyu9o++3ZhyYyP9WfXrj8KteBHhWyeWKMQAyljGqkbTt5/DikM7G8K/Yp0DKJ
ZiIgeudxGf0BqS7ZJ8WMchiVly8iDLKvsOxOP51j6tqSWsttHhmkjOdqjqxyP0BJ/Gn6PJ9ktTcXbH96e
TjLOT6D8gB7Z707AXNLtIo7ZLl9ljp9vzBGT95j/y0Y9yeorE8RSoyxKryyEkuC6ldvY8H16+vc4ziuls

```
o3uJRcagN3lcxQggqnufVv5dqzPHK7FtyM/vWZic5HHt+NV0EcgRTCKlYUw1AEZqMipSKYRQBGRTCKkIp
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d+rjcyxlGdThxjofSo5bdd64Ubxk5OO/wD+ulv7eT7QLm3ZI5ydmD0kXHQ/T1oMn+qgyWfcAz7cDbg//W
piKOoaesm5Cu7aATnj6Vx+t+DI7h/Mi+XPYda9FmZWiEYXHsOaUpG1ujKOp5HTp6Z/OgDzjTfh4J/Mjct
uIwpH5f5xXM+I9An0G4WC6iKTiP51IxyCRkDrggA84zmvdoLaCaJ4rmDz7eTCvGFJ3DIOMAg/lXB/EXw/
BpelyTRfZbczSKVssJ54VV+/95nA55zxxVKOlwPOri6kg1aOFZBshRIQAeOmT+pJz6812Wo28er6A7Oo+
2RKHifGTuH9D3/CuHvU+3eJJUtGD+bcERkZwRnj8K9C0GWUP/ZzyQPKIQSTI4+U5yDkcD5efw57Vk9xnp
EmqlPCB16JJ5MWS3PqysFGMt/CyE8E8MpA64rxP4Y3Lr45tLqUgtKzg4wMlge1eqanaS23ws1aK78ueO0
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NCs00+yuA4wEJkOQc4/yan1SI6hplyI2CysAFGemKbHgQSJdSLGv+r3K20Egdy3AAO0E/7We1DGUrNYw3
9oaiGaSUkpEoOST0GPXIebHyoDtReOmT0Hqep9AOtOdJ7e5F1bSvcSSriOWYglUKq3AHAJ3LnvzjtWzpt
vDCC8gkklcZMhHQ9OPSi4Gxp91OYN0sY4AXCDag4IwCcE/gKxvGLSyRWzPEFVGKk7gTz3+lXTewySEo0j
NjBW3+b8z0H51T1e0vb2FF8tRggndICTjoeKrcRyxprDipDkFgQQwOCD2NMI5qAIyKYwqQ0w0ARGmmpDT
DQBH3H1op38Q+tFIZ//9k=
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Person": {
"PersonId": "10703",
"Name": "John Smith",
"Description": "American actor, director, and producer",
"FaceInfoSet": [
{
"FaceId": "10109",
"Url": "http://1251659802.vod2.myqcloud.com/vodcq1251659802/ai_samples/251006362/
faces/15517827183907093125.jpeg"
}
],
"TagSet": [
"US",
"Celebrity"
],
"UsageSet": [
"Recognition.Face",
"Review.Face"
],
"CreateTime": "2019-01-16T11:34:46Z",
"UpdateTime": "2019-01-16T11:34:46Z"
},
```

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```
"FailFaceInfoSet": [
{
"Index": 1,
"ErrCode": 18004,
"Message": "face picture format error"
}
],
"RequestId": "2e63f898-cafd-4840-a17d-b8db9f02a9d6"
}
}
```


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
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.FaceDuplicate	Incorrect parameter value: the same face already exists.

InvalidParameterValue.PicFormatError	Incorrect parameter value: the face image format is incorrect.
UnauthorizedOperation	Unauthorized operation.

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CreateWordSamples

Last updated：2025-04-27 17:15:48

1. API Description

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

This API is used to create keyword samples in batches for using OCR and ASR technologies to perform video processing operations such as content recognition and inappropriate information recognition.

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: CreateWordSamples.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Usages.N	Yes	Array of String	**Keyword usage. Valid values:** 1. Recognition.Ocr: OCR-based content recognition 2. Recognition.Asr: ASR-based content recognition 3. Review.Ocr: OCR-based inappropriate information recognition 4. Review.Asr: ASR-based inappropriate information recognition **Valid values can also be:** 5. Recognition: ASR- and OCR-based content recognition;

			equivalent to 1+2 6. Review: ASR- and OCR-based inappropriate information recognition; equivalent to 3+4 7. All: ASR- and OCR-based content recognition and inappropriate information recognition; equivalent to 1+2+3+4
Words.N	Yes	Array of AiSampleWordInfo	Keyword. Array length limit: 100.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Creating a keyword sample - `All`

If `Usages` is `All`, the keyword can be used for OCR- and ASR-based content recognition and inappropriate information detection.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateWordSamples
&Usages.0=All
&Words.0.Keyword=Influencer
&Words.0.Tags.0=Entertainment
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

Example2 Creating a keyword sample - `Review`

If `Usages` is `Review`, the keyword can be used for OCR- and ASR-based detection of inappropriate content.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateWordSamples
&Usages.0=Review
&Words.0.Keyword=John Smith
&Words.0.Tags.0=Politically sensitive
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

Example3 Creating a keyword sample - `Recognition`

If `Usages` is ["Recognition.Ocr","Review.Ocr"], the keyword can be used for OCR-based content recognition and OCR-based detection of inappropriate information.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateWordSamples
&Usages.0=Recognition.Ocr
&Usages.1=Review.Ocr
&Words.0.Keyword=Influencer
&Words.0.Tags.0=Entertainment
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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.
InvalidParameterValue	Incorrect parameter value.
UnauthorizedOperation	Unauthorized operation.

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DeletePersonSample

Last updated：2025-04-27 17:15:47

1. API Description

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

This API is used to delete samples according to sample IDs.

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: DeletePersonSample.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
PersonId	Yes	String	ID of a sample.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Deleting an image sample

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeletePersonSample
&PersonId=10562
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "510f4d68-09c9-44a3-ab55-192ff22297c9"
}
}
```

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
InternalError	Internal error.
ResourceNotFound.Person	The resource does not exist: figure.
UnauthorizedOperation	Unauthorized operation.

DeleteWordSamples

Last updated：2025-04-27 17:15:46

1. API Description

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

This API is used to delete keyword samples in batches.

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: DeleteWordSamples.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Keywords.N	Yes	Array of String	Keyword. Array length limit: 100 words.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

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3. Output Parameters

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

4. Example

Example1 Deleting a keyword sample

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteWordSamples
&Keywords.0=John Smith
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "510f4d68-09c9-44a3-ab55-192ff22297c9"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js

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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
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
UnauthorizedOperation	Unauthorized operation.

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DescribePersonSamples

Last updated：2025-04-27 17:15:45

1. API Description

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

This API is used to query the information of samples and supports paginated queries by sample ID, name, and tag.

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: DescribePersonSamples.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Type	No	String	Type of samples to pull. Valid values: • UserDefine: custom sample library • Default: default sample library

			Default value: UserDefine. Samples in the custom sample library will be pulled. Note: samples from the default library can only be pulled by providing the name or both the ID and name of a sample. Only one face image will be returned.
PersonIds.N	No	Array of String	IDs of samples. Array length limit: 100.
Names.N	No	Array of String	Names of samples. Array length limit: 20.
Tags.N	No	Array of String	Tags of a sample. Array length limit: 20.
Offset	No	Integer	Pagination offset. Default value: 0.
Limit	No	Integer	Number of entries to be returned. Default value: 100. Maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries.
PersonSet	Array of AiSamplePerson	Figure information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Getting image samples

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribePersonSamples
&PersonIds.0=10569
&Names.0=John Smith
&Tags.0=Celebrity
&Offset=0
&Limit=20
&<Common request parameters>
```

Output Example


```
{
"Response": {
"TotalCount": 1,
"PersonSet": [
{
"PersonId": "10569",
"Name": "John Smith",
"Description": "American actor, director, and producer",
"UsageSet": [
"Recognition"
],
"FaceInfoSet": [
{
"FaceId": "10024",
"Url": "http://1256768367.vod2.myqcloud.com/8b0dd2b5vodcq1256768367/4d27b39f52858
90783754292994/face.jpeg"
}
],
"TagSet": [
"US",
"Celebrity"
],
"CreateTime": "2018-10-01T10:00:00Z",
"UpdateTime": "2018-10-01T10:00:00Z"
}
],
"RequestId": "7d80775f-fb6d-4204-9540-1876f0d1c5a9"
}
}
```


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.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
UnauthorizedOperation	Unauthorized operation.

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DescribeWordSamples

Last updated：2025-04-27 17:15:45

1. API Description

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

This API is used to perform paginated queries of keyword sample information by use case, keyword, and tag.

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: DescribeWordSamples.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Usages.N	No	Array of String	**Keyword usage. Valid values:** 1. Recognition.Ocr: OCR-based content recognition 2. Recognition.Asr: ASR-based content recognition 3. Review.Ocr: OCR-based inappropriate information recognition 4. Review.Asr: ASR-based inappropriate information recognition **Valid values can also be:**

			5. Recognition: ASR- and OCR-based content recognition; equivalent to 1+2 6. Review: ASR- and OCR-based inappropriate information recognition; equivalent to 3+4 You can select multiple elements, which are connected by OR logic. If a use case contains any element in this parameter, the keyword sample will be used.
Keywords.N	No	Array of String	Keyword filter. Array length limit: 100 words.
Tags.N	No	Array of String	Tag filter. Array length limit: 20 words.
Offset	No	Integer	Pagination offset. Default value: 0.
Limit	No	Integer	Number of entries to be returned. Default value: 100. Maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries.
WordSet	Array of AiSampleWord	Keyword information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying keyword samples - no filters specified

This example shows you how to traverse the keyword list with no filters.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeWordSamples
&<Common request parameters>
```

Output Example


```
{
"Response": {
"TotalCount": 2,
"WordSet": [
{
"Keyword": "John Smith",
"TagSet": [
"Celebrity",
"Artist"
],
"UsageSet": [
"Recognition.Ocr",
"Recognition.Asr"
],
"CreateTime": "2018-10-01T10:00:00Z",
"UpdateTime": "2018-10-01T10:00:00Z"
},
{
"Keyword": "Jane Smith",
"TagSet": [
"President"
],
"UsageSet": [
"Review.Ocr",
"Review.Asr"
],
"CreateTime": "2018-10-01T10:00:00Z",
"UpdateTime": "2018-10-01T10:00:00Z"
}
],
"RequestId": "46311b39-10ce-47eb-b2b6-7ce82bb4476d"
}
}
```


Example2 Querying keyword samples - filters specified

This example shows you how to query keywords with filters such as specified usage.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeWordSamples
&Usages.0=Recognition
&Usages.1=Review.Ocr
&Keywords.0=John Smith
&Tags.0=Celebrity
&Offset=0
&Limit=20
&<Common request parameters>
```

Output Example


```
{
"Response": {
"TotalCount": 1,
"WordSet": [
{
"Keyword": "John Smith",
"TagSet": [
"Celebrity",
"Artist"
],
"UsageSet": [
"Recognition.Ocr",
"Recognition.Asr"
],
"CreateTime": "2018-10-01T10:00:00Z",
"UpdateTime": "2018-10-01T10:00:00Z"
}
],
"RequestId": "46311b39-10ce-47eb-b2b6-7ce82bb4476d"
}
}
```


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

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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
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
UnauthorizedOperation	Unauthorized operation.

ModifyPersonSample

Last updated：2025-04-27 17:15:44

1. API Description

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

This API is used to modify sample information according to the sample ID. You can modify the name and description, add, delete, and reset facial features or tags. Leave at least one image after deleting facial features. To leave no image, please use the reset operation.

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: ModifyPersonSample.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
PersonId	Yes	String	ID of a sample.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created**

			one), they must fill in this field with the application ID.
Name	No	String	Name. Length limit: 128 characters.
Description	No	String	Description. Length limit: 1,024 characters.
Usages.N	No	Array of String	Sample usage. Valid values: 1. Recognition: used for content recognition; equivalent to `Recognition.Face` 2. Review: used for inappropriate information recognition; equivalent to `Review.Face` 3. All: used for content recognition and inappropriate information recognition; equivalent to 1+2
FaceOperationInfo	No	AiSampleFaceOperation	Information of operations on facial features.
TagOperationInfo	No	AiSampleTagOperation	Tag operation information.

3. Output Parameters

Parameter Name	Type	Description
Person	AiSamplePerson	Information of a sample.
FailFaceInfoSet	Array of AiSampleFailFaceInfo	Information of samples that failed the verification by facial feature positioning. Note: this field may return `null`, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying an image sample

This example shows you how to modify the name and description of an image sample.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyPersonSample
&PersonId=10569
&Name=John Smith
&Description=American actor, director, and producer
&Usages.0=All
&<Common request parameters>
```

Output Example


```
{
"Response": {
"Person": {
"PersonId": "10569",
"Name": "John Smith",
"Description": "American actor, director, and producer",
"FaceInfoSet": [
{
"FaceId": "10023",
"Url": "http://1256768367.vod2.myqcloud.com/8b0dd2b5vodcq1256768367/001ac0735285890783753281553/face.jpeg"
}
],
"TagSet": [],
"UsageSet": [
"Recognition.Face",
"Review.Face"
],
"CreateTime": "2018-10-01T10:00:00Z",
"UpdateTime": "2018-10-01T10:00:00Z"
},
"FailFaceInfoSet": null,
"RequestId": "33737bdf-e2ed-4eda-b09b-f3782d8a9710"
}
}
```


Example2 Modifying an image sample - `add`

This example shows you how to add a facial feature image and tags for an image sample.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyPersonSample
&PersonId=10569
```

```
&Name=John Smith
&Description=American actor, director, and producer
&FaceOperationInfo.Type=add
&FaceOperationInfo.FaceContents.0=/9j/4AAQSkZJRgABAQEAYABgAAD/2wBDAAYEBQYFBAYGBQY
HBwYIChAKCgkJChQODwwQFxQYGBcUFhYaHSUfGhsjHBYWICwgIyYnKSopGR8tMC0oMCUoKSj/2wBDAQcH
BwoIChMKChMoGhYaKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoK
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EDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJic
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SkU0igCI02pCKaRSAYByPrRTgORRQI6Rh8xoAqQjk0mOKoBmKUinYp2OKAI9vFJipMUmKAGEUY5p+2jFA
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U0igZERTSKlIppFICIimkVKRTGFAERFNIqUimEUARkUaKeF5pcUAMxxTcVKRxJFeRhwcYcYrSfUmtIlct9xyoI9q8lwaep7kZKS3PXLK48+IL
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BDZxnOOu339a9V+E1s/iXRpPEGmf2mdhy6Fq8OjNq32eZLYSeVnJ
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```

PB7Gum1nUVctsG0dMZritTvHtH+1LtLxsGUN0JzWGrlZGrtGN2aXxKjMEMs/Aa42QnHfGTjPpj8zXmuK2
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2OaXFADMUEU8CkIoAjxiquqXS2Gnz3Ui5Ea5Cj+I9APzNXcc1zvjaQDT7SAnAnuUU/QZP+FAGVeSa3eWE
UqXTxCRTIVhXaQM4AB64rh9Uj1EORcz3Eq5/jdjXtNvYq0KJsJCQxhiDkjjP9aytX0NJI2XZnI655pMZ4
mcg89aK3fEWkPZTt8v6dawqkYUA4OR1oooAuQbXYNxj0PrWn4c1y/wBH1SG4sEQzIflVxkHPasNGw/sa6
3wmmnXrpDf7RKp+UnowrOo0ldq5tRu5JJ2Z6b4d13W75HV9Rs9OjLZEEapKxJ5PPRf1roY9Ne0m877fPc
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l/EuVVuPC9omAsupBsIcjakbkAZ525PQ8qdy+lejhKHs48z3PLxVfnlyrYwoAw1iTOPlkBG/oPb3/AArf
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YckIw5IB7H3qdbJ5ow7hCA33cY4Ix0rl01BrOK5udp2KjMAPXGAfzNdd8OrhLzw3ZNPud41MbEn+6cf4U
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```
U5yDkcD5efw57Vk9xnpEmqlPCB16JJ5MWS3PqysFGMt/CyE8E8MpA64rxP4Y3Lr45tLqUgtKzg4wMlge1
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gQQwOCD2NMI5qAIyKYwqQ0w0ARGmmpDTDQBH3H1op38Q+tFIZ//9k=
&TagOperationInfo.Type=add
&TagOperationInfo.Tags.0=US
&TagOperationInfo.Tags.1=Celebrity
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Person": {
"PersonId": "10569",
"Name": "John Smith",
"Description": "American actor, director, and producer",
"FaceInfoSet": [
{
"FaceId": "10023",
"Url": "http://1256768367.vod2.myqcloud.com/8b0dd2b5vodcq1256768367/001ac07352858
90783753281553/face.jpeg"
},
{
"FaceId": "10024",
"Url": "http://1256768367.vod2.myqcloud.com/8b0dd2b5vodcq1256768367/001ac07352858
90783753281554/face.jpeg"
}
],
"TagSet": [
"US",
"Celebrity"
],
"UsageSet": [
"Recognition.Face",
"Review.Face"
],
"CreateTime": "2018-10-01T10:00:00Z",
"UpdateTime": "2018-10-01T10:00:00Z"
},
"FailFaceInfoSet": null,
"RequestId": "33737bdf-e2ed-4eda-b09b-f3782d8a9710"
```

```
}
}
```

Example3 Modifying an image sample - `reset`

This example shows you how to reset the facial features images and tags of an image sample.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyPersonSample
&PersonId=10569
&Name=John Smith
&Description=American actor, director, and producer
&FaceOperationInfo.Type=reset
&FaceOperationInfo.FaceContents.0=/9j/4AAQSkZJRgABAQEAYABgAAD/2wBDAAYEBQYFBAYGBQY
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kfNOsJKCHVkdtiD6xntTjLJs6ZeKlbHNIqyeQRbJRGqxOSaeEqqc4RtYUjHiUONU4IISbKvEdqlYvRJGS
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gmC1oLTuDpkTygELViTeyMWWSjuyHaWshzQOsSAO1zgAumYfaClTawbtTxO8qgwno/Ua5vpNkBpByMl0G
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olS8YusyAqsK+EezNkl0dQsKezTY3gxo7mhSFGsq4cwHkJ7lIBXYjwcWXLFApUpCOURRcoSkyjKgQim3F

```
KcU28qAKJEggkLAIkaJAgaJBBQgoJF3dCkwvO7QcTuCMuAEkwOKyuNYj6R2XqtmBx5oSdBjG2dQ6D2z3Y
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aIcBUNU/wAEEEiGY4dFJtvWZ/vb/UESCZCs9T2+gTqCCD5GXASyfS7/AMzP9jv6gggqs30Zdh+xSnROhB
BY2beyLdfNVlT5o0FX2ErKytuiP+cp/wA39KCCvx/ZFc/qzp196qi0tEaC6SOccu/aX6r/AK3rkFb1j2o
IJZEQ2jQQSjD7Uh6CCgF2aHoN65W7r+qUEFqhwZZ8n//Z
&TagOperationInfo.Type=reset
&TagOperationInfo.Tags.0=US
&TagOperationInfo.Tags.1=Celebrity
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Person": {
"PersonId": "10569",
"Name": "John Smith",
"Description": "American actor, director, and producer",
"FaceInfoSet": [
{
"FaceId": "10025",
"Url": "http://1256768367.vod2.myqcloud.com/8b0dd2b5vodcq1256768367/001ac0735285890783753281555/face.jpeg"
},
{
"FaceId": "10026",
"Url": "http://1256768367.vod2.myqcloud.com/8b0dd2b5vodcq1256768367/001ac0735285890783753281556/face.jpeg"
}
],
"TagSet": [
"China",
"Celebrity"
],
```

```
"UsageSet": [
"Recognition.Face",
"Review.Face"
],
"CreateTime": "2018-10-01T10:00:00Z",
"UpdateTime": "2018-10-01T10:00:00Z"
},
"FailFaceInfoSet": null,
"RequestId": "33737bdf-e2ed-4eda-b09b-f3782d8a9710"
}
}
```


Example4 Modifying an image sample - `delete`

This example shows you how to delete a facial feature image and tag of an image sample.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyPersonSample
&PersonId=10569
&Name=John Smith
&Description=American actor, director, and producer
&FaceOperationInfo.Type=delete
&FaceOperationInfo.FaceIds.0=10026
&TagOperationInfo.Type=delete
&TagOperationInfo.Tags.0=US
&<Common request parameters>
```

Output Example


```
{
"Response": {
"Person": {
"PersonId": "10569",
"Name": "John Smith",
"Description": "American actor, director, and producer",
"FaceInfoSet": [
{
"FaceId": "10025",
"Url": "http://1256768367.vod2.myqcloud.com/8b0dd2b5vodcq1256768367/001ac0735285890783753281555/face.jpeg"
}
],
"TagSet": [
"Celebrity"
],
```

```
"UsageSet": [
"Recognition.Face",
"Review.Face"
],
"CreateTime": "2018-10-01T10:00:00Z",
"UpdateTime": "2018-10-01T10:00:00Z"
},
"FailFaceInfoSet": null,
"RequestId": "33737bdf-e2ed-4eda-b09b-f3782d8a9710"
}
}
```


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.

InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.FaceDuplicate	Incorrect parameter value: the same face already exists.
InvalidParameterValue.PicFormatError	Incorrect parameter value: the face image format is incorrect.
ResourceNotFound.Person	The resource does not exist: figure.
UnauthorizedOperation	Unauthorized operation.

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ModifyWordSample

Last updated：2025-04-27 17:15:42

1. API Description

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

This API is used to modify the use case and tag of a keyword. The keyword itself cannot be modified, but you can delete it and create another one if needed.

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: ModifyWordSample.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Keyword	Yes	String	Keyword. Length limit: 128 characters.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

Usages.N	No	Array of String	**Keyword usage. Valid values:** 1. Recognition.Ocr: OCR-based content recognition 2. Recognition.Asr: ASR-based content recognition 3. Review.Ocr: OCR-based inappropriate information recognition 4. Review.Asr: ASR-based inappropriate information recognition **Valid values can also be:** 5. Recognition: ASR- and OCR-based content recognition; equivalent to 1+2 6. Review: ASR- and OCR-based inappropriate information recognition; equivalent to 3+4 7. All: equivalent to 1+2+3+4
TagOperationInfo	No	AiSampleTagOperation	Tag operation information.

3. Output Parameters

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

4. Example

Example1 Modifying a keyword sample

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyWordSample
&Keyword=Fight
&Usages.0=Review
&TagOperationInfo.Type=reset
&TagOperationInfo.Tags.0="Terrorist information"
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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.
InvalidParameterValue	Incorrect parameter value.
ResourceNotFound.Word	The resource does not exist: keyword.
UnauthorizedOperation	Unauthorized operation.

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Region Management APIs CreateStorageRegion

Last updated：2025-04-24 16:46:55

1. API Description

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

This API is used to enable storage in a region.

1. When you activate VOD, the system will enable storage for you in certain regions. If you need to store data in another region, you can use this API to enable storage in that region.
2. You can use the `DescribeStorageRegions` API to query all supported storage regions and the regions you have storage access to currently.

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: CreateStorageRegion.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
StorageRegion	Yes	String	The region to enable storage in, which must be a storage region supported by VOD.

SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Enabling storage in Chongqing

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateStorageRegion
&StorageRegion=ap-chongqing
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "requestId"
}
}
```

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.InvalidVodUser	The VOD service is not activated.
FailedOperation.UserStatusInavlid	The service has been suspended.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue.StorageRegion	Incorrect parameter value: `StorageRegion`.
InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
ResourceNotFound	The resource does not exist.
UnauthorizedOperation	Unauthorized operation.

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DescribeStorageRegions

Last updated：2025-04-24 16:46:55

1. API Description

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

This API is used to query the following information:

1. All supported storage regions.
2. The regions you have storage access to currently.
3. The default storage region.

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: DescribeStorageRegions.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

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3. Output Parameters

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

4. Example

Example1 Querying storage regions

Input Example

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

{}
```

Output Example

```
{
"Response": {
"RequestId": "requestId",
"StorageRegionInfos": [
{
"Region": "ap-chongqing",
"Description": "Chongqing",
"Status": "opened",
"IsDefault": true,
"Area": "Chinese Mainland"
}
]
}
}
```

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 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.InvalidVodUser	The VOD service is not activated.
UnauthorizedOperation	Unauthorized operation.

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ModifyDefaultStorageRegion

Last updated：2025-04-24 16:46:53

1. API Description

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

This API is used to set the default storage region. A file will be stored in the default region if no region is specified for file upload.

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: ModifyDefaultStorageRegion.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
StorageRegion	Yes	String	The default storage region, which must be a region you have storage access to. You can use the `DescribeStorageRegions` API to query such regions.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Setting Chongqing as the default storage region

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyDefaultStorageRegion
&StorageRegion=ap-chongqing
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "requestId"
}
}
```

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	Operation failed.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue.StorageRegion	Incorrect parameter value: `StorageRegion`.
ResourceNotFound	The resource does not exist.
UnauthorizedOperation	Unauthorized operation.

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Statistics APIs
DescribeCDNUsageData

Last updated：2025-04-24 16:46:52

1. API Description

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

This API is used to query the CDN statistics of VOD such as traffic and bandwidth.

1. Only CDN usage data for the last 365 days can be queried.
2. The query time range cannot be more than 90 days.
3. The time granularity of usage data can be specified, including 5-minute, 1-hour, and 1-day.
4. Traffic refers to the total traffic within the query time granularity, while bandwidth the peak bandwidth.

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: DescribeCDNUsageData.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	String	Start date in ISO date format.
EndTime	Yes	String	End date in ISO date format. The end date must be after the start

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			date.
DataType	Yes	String	CDN statistics type. Valid values: • Flux: traffic in bytes. • Bandwidth: bandwidth in bps.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
DataInterval	No	Integer	Time granularity of usage data in minutes. Valid values: • 5: 5-minute granularity. The data at 5-minute granularity in the query period will be returned. • 60: 1-hour granularity. The data at 1-hour granularity in the query period will be returned. • 1440: 1-day granularity. The data at 1-day granularity in the query period will be returned. Default value: 1440. Data at 1-day granularity will be returned.
DomainNames.N	No	Array of String	List of domain names. The usage data of up to 20 domain names can be queried at a time. You can specify multiple domain names and query their combined usage data. The usage data of all domain names will be returned by default.

3. Output Parameters

Parameter Name	Type	Description
DataInterval	Integer	Time granularity in minutes.
Data	Array of StatDataItem	CDN statistics.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying CDN traffic statistics of VOD

This example shows you how to query CDN traffic statistics between December 1, 2018 (inclusive) and December 3, 2018 (inclusive).

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeCDNUsageData
&StartTime=2018-12-01T00:00:00+08:00
&EndTime=2018-12-03T00:00:00+08:00
&DataType=Flux
&<Common request parameters>
```

Output Example

```
{
"Response": {
"DataInterval": 1440,
"Data": [
{
"Time": "2018-12-01T00:00:00+08:00",
"Value": 1000000
},
{
"Time": "2018-12-02T00:00:00+08:00",
"Value": 1500000
},
{
"Time": "2018-12-03T00:00:00+08:00",
"Value": 1500000
}
],
"RequestId": "requestId"
}
}
```

Example2 Querying bandwidth statistics of all domain names between December 1, 2018 and December 3, 2018 by an admin

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeCDNUsageData
&StartTime=2018-12-01T00:00:00+08:00
&EndTime=2018-12-03T00:00:00+08:00
&DataType=Bandwidth
```

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```
&SubAppId=1
&<Common request parameters>
```

Output Example

```
{
"Response": {
"DataInterval": 1440,
"Data": [
{
"Time": "2018-12-01T00:00:00+08:00",
"Value": 700000
},
{
"Time": "2018-12-01T05:00:00+08:00",
"Value": 800000
},
{
"Time": "2018-12-01T10:00:00+08:00",
"Value": 920000
}
],
"RequestId": "requestId"
}
}
```

Example3 This example shows you how to query bandwidth statistics (5-minute granularity) of the domain names `123.vod2.myqcloud.com` and `test.a.com` between December 1, 2018 and December 3, 2018.

This example shows you how to query CDN traffic statistics between December 1, 2018 (inclusive) and December 3, 2018 (inclusive).

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeCDNUsageData
&DomainNames.0=123.vod2.myqcloud.com
&DomainNames.1=test.a.com
&StartTime=2018-12-01T00:00:00+08:00
&EndTime=2018-12-03T00:00:00+08:00
&DataType=Bandwidth
&DataInterval=5
&<Common request parameters>
```

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Output Example


```
{
"Response": {
"DataInterval": 5,
"Data": [
{
"Time": "2018-12-01T00:00:00+08:00",
"Value": 100000
},
{
"Time": "2018-12-01T05:00:00+08:00",
"Value": 200000
},
{
"Time": "2018-12-01T10:00:00+08:00",
"Value": 350000
}
],
"RequestId": "requestId"
}
}
```


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

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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.
FailedOperation.InvalidVodUser	The VOD service is not activated.
FailedOperation.NetWorkError	Network error.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.DataInterval	Incorrect parameter value: time granularity.
InvalidParameterValue.DataType	Incorrect parameter value: data type.
InvalidParameterValue.DomainName	Invalid parameter: the domain name does not exist.
InvalidParameterValue.DomainNames	Parameter value. The domain name list is too large.
InvalidParameterValue.EndTime	Incorrect parameter value: invalid `EndTime` .
InvalidParameterValue.StartTime	Incorrect parameter value: invalid `StartTime` .
UnauthorizedOperation	Unauthorized operation.

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DescribeClientUploadAccelerationUsageData

Last updated：2025-04-24 16:46:51

1. API Description

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

This interface returns client upload acceleration statistics within the query time range.

1. You can query the client upload acceleration statistics in the last 365 days.
2. The query time span does not exceed 90 days.
3. If the query time span exceeds 1 day, data with day granularity will be returned. Otherwise, data with 5-minute granularity will be returned.

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: DescribeClientUploadAccelerationUsageData.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	String	The start date for the query in ISO date format.
EndTime	Yes	String	The end date for the query in ISO date format. The end date must be later than the start date.

SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Type	No	String	The client upload acceleration type. Valid values: • AccelerationWithHTTP: Acceleration of HTTP transmission • AccelerationWithQUIC: Acceleration of QUIC transmission If you do not specify this parameter, the usage of both types will be queried.

3. Output Parameters

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

4. Example

Example1 Querying the usage of client upload acceleration

Input Example

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

{
"StartTime": "2020-09-07T00:00:00+08:00",
"EndTime": "2020-09-09T23:59:59+08:00",
"Type": "AccelerationWithQUIC"
}
```

Output Example

```
{
"Response": {
"ClientUploadAccelerationUsageDataSet": [
{
"Time": "2020-09-07T00:00:00+08:00",
"Value": 2
},
{
"Time": "2020-09-08T00:00:00+08:00",
"Value": 2
},
{
"Time": "2020-09-09T00:00:00+08:00",
"Value": 2
}
],
"RequestId": "requestId"
}
}
```

5. Developer Resources

SDK

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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.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.

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DescribeDailyPlayStatFileList

Last updated：2025-04-25 10:47:36

1. API Description

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

This API is used to query the download links of playback statistics files.

- You can query the download links of playback statistics files in the past year. The start and end dates for query cannot be more than 90 days apart.
- Every day, VOD will analyze CDN request logs of the previous day and then generate a playback statistics file.
- A playback statistics file includes playback times and traffic of media files.
- Notes on playback times:
  i. HLS file: VOD counts playback times when M3U8 files are accessed, but not when TS files are accessed.
  ii. Other files (MP4 files for example): VOD does not count playback times when the playback request carries the `range` parameter and the `start` parameter in `range` is not `0`. In other cases, VOD counts playback times.
- Statistics on playback devices: VOD counts playback times on mobile clients when the playback request carries the `UserAgent` parameter which includes an identifier such as `Android` or `iPhone`. In other cases, VOD counts playback times on PC clients.

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:

			DescribeDailyPlayStatFileList.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	String	Start date in ISO date format.
EndTime	Yes	String	End date in ISO date format.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeDailyPlayStatFileList
&StartTime=2020-12-01T00:00:00+08:00
&EndTime=2020-12-02T00:00:00+08:00
&<common request parameters>
```

Output Example

```
{
"Response": {
"PlayStatFileSet": [
{
"Date": "2020-12-01T00:00:00+08:00",
"Url": "http://xxx.test.com/playstat/2021201.csv.gz?sign=abc"
},
{
"Date": "2020-12-02T00:00:00+08:00",
"Url": "http://xxx.test.com/playstat/20201202.csv.gz?sign=abc"
}
],
"RequestId": "requestId"
}
}
```


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.
InternalError.DBError	Internal error. Failed to access DB.
InvalidParameterValue.EndTime	Incorrect parameter value: invalid `EndTime` .
InvalidParameterValue.StartTime	Incorrect parameter value: invalid `StartTime` .

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DescribeImageReviewUsageData

Last updated：2025-04-24 16:46:49

1. API Description

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

This interface returns the image review usage information used every day within the query time range.

1. You can query the image review statistics for the last 365 days.
2. The query time span does not exceed 90 days.
3. If the query time span exceeds 1 day, data with a granularity of days will be returned. Otherwise, data with a granularity of 5 minutes will be returned.

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: DescribeImageReviewUsageData.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	String	The start date for the query in ISO date format.
EndTime	Yes	String	The end date for the query in ISO date format. The end date must be later than the start date.

SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

Parameter Name	Type	Description
ImageReviewUsageDataSet	Array of ImageReviewUsageDataItem	The image recognition usage statistics (the number of times the image recognition feature is used in the time period specified).
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying image recognition usage

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeImageReviewUsageData
&StartTime=2020-09-07T00:00:00+08:00
&EndTime=2020-09-09T23:59:59+08:00
&<Common request parameters>
```

Output Example

```
{
"Response": {
"ImageReviewUsageDataSet": [
{
"Time": "2020-09-07T00:00:00+08:00",
"Count": 2
},
{
```

```
"Time": "2020-09-08T00:00:00+08:00",
"Count": 2
},
{
"Time": "2020-09-09T00:00:00+08:00",
"Count": 2
}
],
"RequestId": "requestId"
}
}
```


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.InvalidVodUser	The VOD service is not activated.

InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.

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DescribeLicenseUsageData

Last updated：2025-04-24 16:46:48

1. API Description

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

This interface returns information about the number of license requests per day within the query time range.

1. You can query the license request statistics in the last 365 days.
2. The query time span does not exceed 90 days.
3. If the query time span exceeds 1 day, data with a granularity of days will be returned. Otherwise, data with a granularity of 5 minutes will be returned.

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: DescribeLicenseUsageData.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	String	The start date for the query in ISO date format.
EndTime	Yes	String	The end date for the query in ISO date format. The end date must be later than the start date.

LicenseType	No	String	The license type, which is DRM by default. Valid values: • DRM
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

Parameter Name	Type	Description
LicenseUsageDataSet	Array of LicenseUsageDataItem	The license request statistics (the number of license requests in the time period specified)
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying DRM license requests

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeLicenseUsageData
&LicenseType=DRM
&StartTime=2020-09-07T00:00:00+08:00
&EndTime=2020-09-09T23:59:59+08:00
&<Common request parameters>
```

Output Example

```
{
"Response": {
"LicenseUsageDataSet": [
{
"Time": "2020-09-07T00:00:00+08:00",
"Count": 2
```

```
},
{
"Time": "2020-09-08T00:00:00+08:00",
"Count": 2
},
{
"Time": "2020-09-09T00:00:00+08:00",
"Count": 2
}
],
"RequestId": "requestId"
}
}
```


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
- 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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.

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DescribeMediaPlayStatDetails

Last updated：2025-04-24 16:46:48

1. API Description

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

This API is used to query the playback statistics of a media file at the specified granularity.

- You can query playback statistics in the past year.
- If the granularity is an hour, the start and end time cannot be more than seven days apart.
- If the granularity is a day, the start and end time cannot be more than 90 days apart.

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: DescribeMediaPlayStatDetails.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileId	Yes	String	The ID of the media file.
StartTime	Yes	String	The start time in ISO date format.
EndTime	Yes	String	The end time in ISO date format.

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SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Interval	No	String	Granularity. Valid values: • Hour • Day The default value depends on the time period queried. If the time period is shorter than one day, the default value is `Hour`; if the time period is one day or longer, the default value is `Day`.

3. Output Parameters

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

4. Example

Example1 Querying the playback statistics of the media file `5285485487985271487` from 2021-01-01 00:00:00 to 2021-01-01 02:00:00

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeMediaPlayStatDetails
&FileId=5285485487985271487
&StartTime=2021-01-01T00:00:00+08:00
&EndTime=2021-01-01T02:00:00+08:00
&<Common request parameters>
```

Output Example

```
{
"Response": {
"PlayStatInfoSet": [
{
"FileId": "5285485487985271487",
"Time": "2021-01-01T00:00:00+08:00",
"PlayTimes": 13,
"Traffic": 23434
},
{
"FileId": "5285485487985271487",
"Time": "2021-01-01T01:00:00+08:00",
"PlayTimes": 3,
"Traffic": 2334
}
],
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```


5. Developer Resources

SDK

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6. Error Code

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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.DBError	Operation failed: The database operation failed.
InvalidParameterValue.EndTime	Incorrect parameter value: invalid `EndTime` .
InvalidParameterValue.FileId	The `FileId` does not exist.
InvalidParameterValue.Interval	Invalid `Interval` value
InvalidParameterValue.StartTime	Incorrect parameter value: invalid `StartTime` .

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DescribeReviewDetails

Last updated：2025-04-24 16:46:46

1. API Description

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

This API is disused and replaced by DescribeMediaProcessUsageData.

This API returns the video content duration for intelligent recognition in seconds per day within the queried period.

1. The API is used to query statistics on the video content duration for intelligent recognition in the last 365 days.
2. The query period is up to 90 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: DescribeReviewDetails.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	String	Start date in ISO date format.
EndTime	Yes	String	End date in ISO date format. The end date must be after the start date.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a**

			VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Times of initiating intelligent content recognition tasks.
TotalDuration	Integer	Duration of intelligent recognition content.
Data	Array of StatDataItem	Data of intelligent recognition content duration. One piece of data is collected every day.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying intelligent content recognition duration

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeReviewDetails
&StartTime=2018-12-01T16:00:00Z
&EndTime=2018-12-03T16:00:00Z
&<Common request parameters>
```

Output Example

```
{
"Response": {
"TotalCount": 10,
"TotalDuration": 11901,
"Data": [
{
"Time": "2018-12-01T16:00:00Z",
"Value": 3600
},
```

```
{
"Time": "2018-12-02T16:00:00Z",
"Value": 4500
},
{
"Time": "2018-12-03T16:00:00Z",
"Value": 3801
}
],
"RequestId": "requestId"
}
}
```


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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue.EndTime	Incorrect parameter value: invalid `EndTime` .
InvalidParameterValue.StartTime	Incorrect parameter value: invalid `StartTime` .
UnauthorizedOperation	Unauthorized operation.

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DescribeStorageDetails

Last updated：2025-04-24 16:46:44

1. API Description

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

This API is used to query VOD storage usage in bytes within the query period.
1. You can only query storage usage for the last 365 days.
2. The query period is up to 90 days.
3. The query period at minute-level granularity is up to 7 days.

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: DescribeStorageDetails.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	String	Start time in ISO 8601 format. For more information, please see ISO date format.
EndTime	Yes	String	End time in ISO 8601 format, which should be larger than the start time. For more information, please see ISO date format.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD**

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			service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.
Interval	No	String	Time granularity. Valid values: • Minute: 5-minute granularity • Day: 1-day granularity The value is set according to query period length by default. 5-minute granularity is set for periods no longer than 1 day, and 1-day granularity is set for periods longer than 1 day.
StorageType	No	String	Queryed storage type, valid values: • TotalStorage: total storage amount, the sum of standard, low-frequency, archive and deep archive storage amounts, excluding early deletion amount. • StandardStorage: Standard storage. • InfrequentStorage: low-frequency storage. • ArchiveStorage: archive storage. • DeepArchiveStorage: deep archive storage. • DeletedInfrequentStorage: The amount of early deletion of low-frequency storage. • DeletedArchiveStorage: The amount of archives deleted in advance. • DeletedDeepArchiveStorage: The amount of deep archive deletion in advance. • ArchiveStandardRetrieval: Archive standard retrieval amount. • ArchiveExpeditedRetrieval: archive quick retrieval amount. • ArchiveBulkRetrieval: Archive batch retrieval amount. • DeepArchiveStandardRetrieval: Deep archive standard retrieval amount. • DeepArchiveBulkRetrieval: Deep archive batch retrieval amount. • InfrequentRetrieval: Low-frequency storage retrieval amount. The default value is TotalStorage.
Area	No	String	Storage region to query. Valid values: • Chinese Mainland • Outside Chinese Mainland Default value: Chinese Mainland

3. Output Parameters

Parameter Name	Type	Description
Data	Array of StatDataItem	Storage statistics with one piece of data for every 5 minutes or 1 day.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying VOD storage usage statistics

This example shows you how to query the storage usage between December 1, 2018 (inclusive) and December 7, 2018 (inclusive).

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeStorageDetails
&StartTime=2018-12-01T00:00:00+08:00
&EndTime=2018-12-07T00:00:00+08:00
&Area=Chinese Mainland
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Data": [
{
"Time": "2018-12-01T00:00:00+08:00",
"Value": 1000000
},
{
"Time": "2018-12-02T00:00:00+08:00",
"Value": 1500000
},
{
"Time": "2018-12-03T00:00:00+08:00",
"Value": 1500000
},
{
"Time": "2018-12-04T00:00:00+08:00",
```

```
"Value": 1500000
},
{
"Time": "2018-12-05T00:00:00+08:00",
"Value": 1500000
},
{
"Time": "2018-12-06T00:00:00+08:00",
"Value": 1500000
},
{
"Time": "2018-12-07T00:00:00+08:00",
"Value": 1500000
}
],
"RequestId": "requestId"
}
}
```


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

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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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InternalError.TimeParseError	An error occurred while parsing the time.
InvalidParameter	Invalid parameter.
InvalidParameterValue.Area	Invalid `Area`.
InvalidParameterValue.EndTime	Incorrect parameter value: invalid `EndTime`.
InvalidParameterValue.StartTime	Incorrect parameter value: invalid `StartTime`.
InvalidParameterValue.StorageType	Incorrect parameter value: StorageType.
InvalidParameterValue.TimeType	Incorrect parameter value: TimeType.
UnauthorizedOperation	Unauthorized operation.

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DescribeMediaProcessUsageData

Last updated：2025-04-24 16:46:47

1. API Description

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

This API is used to query the information of video processing usage within the specified time range.

1. Statistics on video processing for the last 365 days can be queried.
2. The query time range cannot be more than 90 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: DescribeMediaProcessUsageData.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	String	Start date in ISO date format.
EndTime	Yes	String	End date in ISO date format. The end date must be on or after the start date.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a**

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			VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.
Type	No	String	Query the video processing task type. Currently supported task types include: • Transcoding: Normal transcoding • Transcoding-TESHD: Extremely fast high-definition transcoding • Editing : Video editing • Editing-TESHD: Extremely fast high-definition video editing • AdaptiveBitrateStreaming: Adaptive bitrate streaming • ContentAudit: Content audit li> • ContentRecognition: Content recognition • RemoveWatermark: Remove watermark • ExtractTraceWatermark: Extract watermark • AddTraceWatermark: Add watermark • RebuildMedia: Rebirth of audio and video quality • QualityInspect: Media quality inspection • VideoHighlight: Smart video collection < li> VideoTag: Video smart tag • VideoClassification: Video smart classification • VideoCover: Video smart cover • VideoSegment: Video smart split • Transcode: transcoding, including normal transcoding, high-speed HD and video editing (not recommended)

3. Output Parameters

Parameter Name	Type	Description
MediaProcessDataSet	Array of TaskStatData	Overview of video processing statistics, which displays the overview and details of queried tasks.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

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Example1 Querying video processing usage

This example shows you how to query video processing usage.

Input Example

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

{
"EndTime": "2020-09-09T23:59:59+08:00",
"Type": "Transcoding-TESHD",
"StartTime": "2020-09-07T00:00:00+08:00"
}
```

Output Example

```
{
"Response": {
"MediaProcessDataSet": [
{
"TaskType": "Transcoding-TESHD",
"Summary": [
{
"Time": "2020-09-07T00:00:00+08:00",
"Count": 2,
"Usage": 26
},
{
"Time": "2020-09-08T00:00:00+08:00",
"Count": 2,
"Usage": 168
},
{
"Time": "2020-09-09T00:00:00+08:00",
"Count": 2,
"Usage": 26
}
],
"Details": [
{
"Specification": "TESHD-10.H264.SD",
"Data": [
```

```
{
"Time": "2020-09-07T00:00:00+08:00",
"Count": 2,
"Usage": 26
},
{
"Time": "2020-09-08T00:00:00+08:00",
"Count": 1,
"Usage": 84
},
{
"Time": "2020-09-09T00:00:00+08:00",
"Count": 2,
"Usage": 26
}
]
},
{
"Specification": "TESHD-10.H264.HD",
"Data": [
{
"Time": "2020-09-07T00:00:00+08:00",
"Count": 0,
"Usage": 0
},
{
"Time": "2020-09-08T00:00:00+08:00",
"Count": 1,
"Usage": 84
},
{
"Time": "2020-09-09T00:00:00+08:00",
"Count": 0,
"Usage": 0
}
]
}
]
}
],
"RequestId": "requestId"
}
}
```

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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.

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DescribeStorageData

Last updated：2025-04-24 16:46:45

1. API Description

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

This API is used to query the storage capacity usage and number of files.

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: DescribeStorageData.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

Parameter Name	Type	Description

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MediaCount	Integer	Total number of current media files.
TotalStorage	Integer	Total current storage capacity in bytes.
StandardStorage	Integer	Current Standard storage capacity in bytes.
InfrequentStorage	Integer	Current Standard_IA storage capacity in bytes.
ArchiveStorage	Integer	The current ARCHIVE storage usage in bytes.
DeepArchiveStorage	Integer	The current DEEP ARCHIVE storage usage in bytes.
StorageStat	Array of StorageStatData	Storage usage by billing region.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying current storage usage

This example shows you how to query your current storage usage.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeStorageData
&<Common request parameters>
```

Output Example

```
{
"Response": {
"MediaCount": 100,
"TotalStorage": 4700000,
"InfrequentStorage": 0,
"StandardStorage": 2000000,
"ArchiveStorage": 1500000,
"DeepArchiveStorage": 1200000,
"StorageStat": [
{
"Area": "Chinese Mainland",
"TotalStorage": 3800000,
```

```
"InfrequentStorage": 0,
"StandardStorage": 1800000,
"ArchiveStorage": 1000000,
"DeepArchiveStorage": 1000000
},
{
"Area": "Outside Chinese Mainland",
"TotalStorage": 900000,
"InfrequentStorage": 0,
"StandardStorage": 200000,
"ArchiveStorage": 500000,
"DeepArchiveStorage": 200000
}
],
"RequestId": "12345678-90ab-cdef-1234-567890abcdef"
}
}
```


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.

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Error Code	Description
FailedOperation	Operation failed.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
UnauthorizedOperation	Unauthorized operation.

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DescribeCDNStatDetails

Last updated：2025-05-14 14:47:29

1. API Description

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

This API is used to query CDN bandwidth, traffic, and other data of VOD domain names.

- The query period is up to 90 days.
- You can query data of different service regions.
- You can query data of Chinese mainland by region and ISP.

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: DescribeCDNStatDetails.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Metric	Yes	String	Query indicators, the values u200bu200bare: • Traffic: traffic, unit is Byte. • Bandwidth: Bandwidth, unit is Bps. • Requests: Number of requests. • QUICRequests: Number of QUIC requests. • IpVisit: Number of IP visits.

StartTime	Yes	String	Start time in ISO date format.
EndTime	Yes	String	End time in ISO date format.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
DomainNames.N	No	Array of String	List of domain names. The usage data of up to 20 domain names can be queried at a time. The usage data of all domain names is returned by default.
Area	No	String	Service region. Valid values: • Chinese Mainland • Asia Pacific Region 1: Hong Kong (China), Macao (China), Singapore, Vietnam, and Thailand • Asia Pacific Region 2: Taiwan (China), Japan, Malaysia, Indonesia, and South Korea • Asia Pacific Region 3: Philippines, India, Australia, and other Asia Pacific countries and regions • Middle East • Europe • North America • South America • Africa Default value: Chinese Mainland
Districts.N	No	Array of String	District where users are located. When `Area` is `Chinese Mainland`, valid values for `Districts` are as follows. Otherwise, `Districts` can be ignored. • Beijing • Inner Mongolia • Shanxi • Hebei • Tianjin • Ningxia • Shaanxi • Gansu • Qinghai • Xinjiang • Heilongjiang • Jilin • Liaoning

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			• Fujian • Jiangsu • Anhui • Shandong • Shanghai • Zhejiang • Henan • Hubei • Jiangxi • Hunan • Guizhou • Yunnan • Chongqing • Sichuan • Xizang • Guangdong • Guangxi • Hainan • Hong Kong, Macao and Taiwan • Outside Chinese Mainland • Other
Isps.N	No	Array of String	ISP of users. When `Area` is `Chinese Mainland`, valid values for `Isps` are as follows. Otherwise, `Isps` can be ignored. • China Telecom • China Unicom • CERNET • Great Wall Broadband Network • China Mobile • China Mobile Tietong • ISPs outside Chinese Mainland • Other ISPs
DataInterval	No	Integer	Time granularity of every piece of data in minutes. Valid values: • 5: 5-minute granularity. The data at 5-minute granularity in the query period will be returned. • 1440: 1-day granularity. The data at 1-day granularity in the query period will be returned. If the query period is larger than 24 hours, only data at 1-day granularity can be queried. If the difference between `StartTime` and `EndTime` is larger than 24 hours, the default value of `DataInterval` is 1440.

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3. Output Parameters

Parameter Name	Type	Description
DataInterval	Integer	Time granularity of every piece of data in minutes.
Data	Array of StatDataItem	CDN usage statistics.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Query the traffic data of the domain name 123.vod2.com in mainland China.

Query the traffic data of the domain name 123.vod2.com in mainland China.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeCDNStatDetails
&DomainNames.0=123.vod2.myqcloud.com
&StartTime=2018-12-01T00:00:00+08:00
&EndTime=2018-12-03T00:00:00+08:00
&Area=Chinese Mainland
&Metric=Traffic
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"DataInterval": 1440,
"Data": [
{
"Time": "2018-12-01T00:00:00+08:00",
"Value": 1000000
},
{
"Time": "2018-12-02T00:00:00+08:00",
"Value": 1500000
```

```
},
{
"Time": "2018-12-03T00:00:00+08:00",
"Value": 1500000
}
],
"RequestId": "requestId"
}
}
```


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
AuthFailure	CAM signature/authentication error.
FailedOperation	Operation failed.
FailedOperation.InvalidAccount	User account exception.

FailedOperation.InvalidVodUser	The VOD service is not activated.
InternalError.DBError	Internal error. Failed to access DB.
InvalidParameterValue.Area	Invalid `Area`.
InvalidParameterValue.Districts	Incorrect `Districts`.
InvalidParameterValue.DomainNames	Parameter value. The domain name list is too large.
InvalidParameterValue.EndTime	Incorrect parameter value: invalid `EndTime`.
InvalidParameterValue.Isps	Invalid `Isps`.
InvalidParameterValue.Metric	Parameter error: Invalid metric.
InvalidParameterValue.StartTime	Incorrect parameter value: invalid `StartTime`.

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Carousel-Related APIs
CreateRoundPlay

Last updated：2025-02-14 17:29:03

1. API Description

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

This API is used to create a playlist. You can create at most 100 playlists.
For each video on the list, you can either use the original file or a transcoding file.
The files must be in HLS format. Preferably, they should have the same bitrate and resolution.

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: CreateRoundPlay.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	String	The playback start time, in iso 8601 date format.
RoundPlaylist.N	Yes	Array of RoundPlayListItemInfo	The program list. • Array length limit: 100. .

SubAppId	No	Integer	**VOD subapplication id. starting from december 25, 2023, if you want to access resources in the vod application (whether it is the default application or a newly created application), you must enter the application id in this field.**.
Name	No	String	The playlist name (not longer than 64 characters).
Desc	No	String	The playlist description, length limit: 256 characters.
PlayBackMode	No	String	Play mode, optional values:. • Loop: loop the playlist; . • Linear: single play, stop playback after the single play finishes. . Default value: loop.
RoundPlayId	No	String	Playlist unique identifier id, with a length limit of 64 characters, only allowing uppercase and lowercase english letters (a-za-z), digits (0-9) and hyphens (-). if there is a playlist with the same roundplayid, return the error invalidparametervalue.roundplayalreadyexists. the default value is empty, which means it is system-assigned.
ExpiredTime	No	String	Expiration time, in iso 8601 format. for details, see iso date format. the playlist will stop playing after expiration. "9999-12-31t23:59:59+08:00" means it does not expire. default value: 9999-12-31t23:59:59+08:00.

3. Output Parameters

Parameter Name	Type	Description
RoundPlayId	String	The unique identifier of the playlist.
Url	String	The playlist playback url.

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

4. Example

Example1 Creating a Carousel Playlist

Create a new carousel playlist and specify the carousel list.

Input Example

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

{
"StartTime": "2022-06-01T00:00:00+08:00",
"RoundPlaylist": [
{
"FileId": "528xxx5487985271487",
"AudioVideoType": "Transcode",
"Definition": 100210
}
]
}
```

Output Example

```
{
"Response": {
"RoundPlayId": "bffb15f07530b57bc1aabb01fac74bca",
"Url": "http://domain/round-play/bffb15f07530b57bc1aabb01fac74bca/playlist.m3u8",
"RequestId": "6xxxxe3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```

Example2 Create a Carousel Playlist, Which Expires After 2024-12-10T20:00:00+08:00

Create a new carousel playlist that expires after 2024-12-10T20:00:00+08:00.

Input Example

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

{
"StartTime": "2022-06-01T00:00:00+08:00",
"RoundPlaylist": [
{
"FileId": "528xxx5487985271487",
"AudioVideoType": "Transcode",
"Definition": 100210
}
],
"RoundPlayId": "bffb15f07530b57bc1aabb01fac74bcb",
"ExpiredTime": "2024-12-10T20:00:00+08:00"
}
```

Output Example

```
{
"Response": {
"RoundPlayId": "bffb15f07530b57bc1aabb01fac74bcb",
"Url": "http://domain/round-play/bffb15f07530b57bc1aabb01fac74bcb/playlist.m3u8",
"RequestId": "6xxxxe3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js

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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.
InvalidParameter	Invalid parameter.
InvalidParameterValue.ExpiredTime	Incorrect `expiretime`.
InvalidParameterValue.RoundPlayAlreadyExists	A playlist with the same id already exists.
InvalidParameterValue.RoundPlaylist	RoundPlaylist parameter length error.
InvalidParameterValue.StartTime	Incorrect parameter value: invalid `StartTime`.
LimitExceeded.PlayList	Playlist length too large.
LimitExceeded.RoundPlays	Exceeds broadcast playlist total limit.
LimitExceeded.RunningRoundPlays	Running broadcast playlists exceed maximum quantity.

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DeleteRoundPlay

Last updated：2025-02-14 17:29:02

1. API Description

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

This API is used to delete a playlist.

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: DeleteRoundPlay.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
RoundPlayId	Yes	String	The unique identifier of the playlist.
SubAppId	No	Integer	**VOD subapplication id. starting from december 25, 2023, if you want to access resources in the vod application (whether it is the default application or a newly created application), you must enter the application id in this field.**.

3. Output Parameters

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

4. Example

Example1 Deleting a playlist

This example shows you how to delete a playlist.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteRoundPlay
&<Common Request Parameters>

{
"RoundPlayId": "bffb15f07530b57bc1aabb01fac74bca"
}
```

Output Example

```
{
"Response": {
"RequestId": "6xxxxe3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```

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 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	Incorrect parameter value.
ResourceNotFound	The resource does not exist.

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DescribeRoundPlays

Last updated：2025-02-14 17:29:01

1. API Description

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

This API is used to query playlists.

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: DescribeRoundPlays.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**VOD subapplication id. starting from december 25, 2023, if you want to access resources in the vod application (whether it is the default application or a newly created application), you must enter the application id in this field.**.
RoundPlayIds.N	No	Array of String	Filter criteria: playlist identifier, array length limit: 100.
Status	No	String	Filter criteria: playlist status, optional values: • enabled: startup status;

			• disabled: stopped status. .
CreateTime	No	TimeRange	Filter criteria: playlist creation time.
UpdateTime	No	TimeRange	Filter criteria: playlist update time.
ScrollToken	No	String	Scrolling identifier which is used for pulling in batches. if a single request cannot pull all the data entries, the API will return `scrolltoken` , and if the next request carries it, the next pull will start from the next entry.
Offset	No	Integer	Pagination offset, default value: 0. this field is obsolete. please use the `scrolltoken` parameter for batch queries.
Limit	No	Integer	Number of returned entries. default value: 10. maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	The total number of carousel broadcast playlists that meet the filter criteria. deprecated. for batch inquiries, please use the scrolltoken parameter.
RoundPlaySet	Array of RoundPlayInfo	The details of the playlist.
ScrollToken	String	Scrolling identifier. if a request does not return all the data entries, this field indicates the id of the next entry. if this field is empty, there is no more data.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Get Carousel Playlist

Get the playlist, name, description and other detailed information of all carousel playlists.

Input Example

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

{}
```

Output Example


```
{
"Response": {
"TotalCount": 0,
"RequestId": "6xxxxe3a-6b8e-4b4e-9256-fdc700064ef3",
"RoundPlaySet": [
{
"Name": "Demo",
"RoundPlayId": "bffb15f07530b57bc1aabb01fac74bca",
"StartTime": "2022-06-01T00:00:00+08:00",
"Desc": "Demo",
"Url": "http://123.vod-qcloud.com/rplay/v1/xxxx/playlist.m3u8",
"Status": "Enabled",
"PlayBackMode": "Loop",
"RoundPlaylist": [
{
"ItemId": "a01",
"AudioVideoType": "Transcode",
"Definition": 100,
"FileId": "528xxx5487985271487"
}
]
}
]
}
}
```


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.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
ResourceNotFound	The resource does not exist.

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ModifyRoundPlay

Last updated：2025-02-14 17:28:59

1. API Description

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

This API is used to modify a playlist.
The modification will only take effect for new playback requests. For ongoing playback, the old playlist will be playable for seven days after the modification.

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: ModifyRoundPlay.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
RoundPlayId	Yes	String	The unique identifier of the playlist.
SubAppId	No	Integer	**VOD subapplication id. starting from december 25, 2023, for customers who enable vod, if you want to access resources in the vod application (whether it is the default**

			application or a newly created application), you must enter the application id in this field..
StartTime	No	String	The playback start time, in iso 8601 date format.
RoundPlaylist.N	No	Array of RoundPlayListItemInfo	The program list. • Array length limit: 100. .
Name	No	String	The playlist name (not longer than 64 characters).
Desc	No	String	The playlist description (not longer than 256 characters).
Status	No	String	Playback status, optional values: • disabled: stop playback. • enabled: start playback after the duration has elapsed. .
PlayBackMode	No	String	Play mode, optional values:. • Loop: loop the playlist; . • Linear: single play, stop playback after the playlist finishes. .
ExpiredTime	No	String	Expiration time, in iso 8601 format. for details, see iso date format. the playback will stop after expiration. "9999-12-31t23:59:59+08:00" means no expiration.

3. Output Parameters

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

4. Example

Example1 Modify the Playlist

This example shows you how to modify carousel information. You can use this API to modify the playlist file, the playlist name, the description, etc.

Input Example

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

{
"RoundPlayId": "bffb15f07530b57bc1aabb01fac74bca",
"RoundPlaylist": [
{
"FileId": "528xxx5487985271487",
"AudioVideoType": "Transcode",
"Definition": 100210
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "7b9d6abb-4ec1-4ef3-b904-2b11e24012f3"
}
}
```

Example2 Modify the Playlist Expiration Time To 2024-12-10T23:00:00+08:00

Change the expiration time of the playlist bffb15f07530b57bc1aabb01fac74bca to 2024-12-10T23:00:00+08:00.

Input Example

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

{
```

```
"RoundPlayId": "bffb15f07530b57bc1aabb01fac74bca",
"ExpiredTime": "2024-12-10T23:00:00+08:00"
}
```


Output Example


```
{
"Response": {
"RequestId": "7b9d6abb-4ec1-4ef3-b904-2b11e24012f5"
}
}
```


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.
InvalidParameter	Invalid parameter.

InvalidParameterValue	Incorrect parameter value.
LimitExceeded.PlayList	Playlist length too large.
LimitExceeded.RoundPlays	Exceeds broadcast playlist total limit.
LimitExceeded.RunningRoundPlays	Running broadcast playlists exceed maximum quantity.
ResourceNotFound	The resource does not exist.

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DescribeCurrentPlaylist

Last updated：2025-02-14 17:29:46

1. API Description

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

Query current playlist of the round play.

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: DescribeCurrentPlaylist.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	Yes	Integer	**VOD subapplication id.**.
RoundPlayId	Yes	String	The unique identifier of the playlist.
Limit	No	Integer	The length of the returned playlist. maximum is 10, default value is 5.

3. Output Parameters

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

4. Example

Example1 Query Current Playlist Of the Round Play

Input Example

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

{
"RoundPlayId": "1323",
"SubAppId": 123
}
```

Output Example

```
{
"Response": {
"CurrentPlaylist": [
{
"ItemId": "a001",
"FileId": "528xxx5487985271487",
"StartPlayTime": "2024-07-25T10:12:00+08:00",
"Duration": 100
}
],
"RequestId": "abc"
}
}
```

5. Developer Resources

SDK

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

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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
InvalidParameterValue.RoundPlayId	RoundPlayId parameter error.

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HandleCurrentPlaylist

Last updated：2025-04-27 17:15:41

1. API Description

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

Operate the current play list . Supported operations include:

- Insert: Insert a playing program into the current playlist.
- Delete: Remove a playing program from the playlist.

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: HandleCurrentPlaylist.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	Yes	Integer	**VOD subapplication id.**.
RoundPlayId	Yes	String	The unique identifier of the playlist.
Operation	Yes	String	Operation type, available options: • insert: insert program into the current playlist.

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			• inserttemporary: temporarily insert program into the current playlist. can only be inserted after the currently playing program. temporarily inserted programs are only effective during this carousel process. • delete: delete program from the playlist. cannot delete currently playing programs. .
ItemId	No	String	Playlist program id. required when operation is insert, indicating the program list will be inserted after this program. the insertion position must be after the currently playing program.
RoundPlaylist.N	No	Array of RoundPlayListItemInfo	Program list. required when operation is insert, inserttemporary, delete, indicating the list of programs to be operated on. the list length can be up to a maximum of 10.

3. Output Parameters

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

4. Example

Example1 Insert a Program After Program A003 In the Current Playlist

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: HandleCurrentPlaylist
```

```
<Common request parameters>

{
"SubAppId": 123,
"RoundPlayId": "130",
"Operation": "Insert",
"ItemId": "a003",
"RoundPlaylist": [
{
"FileId": "528xxx5487985271487",
"AudioVideoType": "Transcode",
"Definition": 100210
}
]
}
```

Output Example

```
{
"Response": {
"RoundPlaylist": [
{
"ItemId": "a01",
"AudioVideoType": "Transcode",
"Definition": 100,
"FileId": "528xxx5487985271487"
}
],
"RequestId": "6xxxxe3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```

Example2 Delete the Program In the Playlist

Input Example

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

{
"SubAppId": 123,
"RoundPlayId": "130",
```

```
"Operation": "Delete",
"RoundPlaylist": [
{
"ItemId": "a004",
"FileId": "",
"AudioVideoType": ""
}
]
}
```

Output Example

```
{
"Response": {
"RoundPlaylist": [
{
"ItemId": "a004",
"AudioVideoType": "",
"Definition": 100,
"FileId": ""
}
],
"RequestId": "6xxxxe3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```

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
InvalidParameterValue.FileId	The `FileId` does not exist.
InvalidParameterValue.Index	Index parameter error.
InvalidParameterValue.ItemId	
InvalidParameterValue.RoundPlayId	RoundPlayId parameter error.
InvalidParameterValue.RoundPlaylist	RoundPlaylist parameter length error.
InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
LimitExceeded.PlayList	Playlist length too large.

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Just In Time Transcode APIs CreateJustInTimeTranscodeTemplate

Last updated：2025-04-27 17:15:25

1. API Description

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

Create Just In Time Transcode 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: CreateJustInTimeTranscodeTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Name	Yes	String	Template name, the length is limited to 64 characters.
VideoConfigure	Yes	VideoConfigureInfo	Video parameter configuration.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to**

			access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.
WatermarkConfigure	No	WatermarkConfigureInfo	Watermark parameter configuration.
Comment	No	String	Template description, the length is limited to 256 characters.

3. Output Parameters

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

4. Example

Example1 Create Just In Time Transcode Template

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateJustInTimeTranscodeTemplate
<Public request parameters>

{
"Name": "testtempaltename",
"VideoConfigure": {
"Width": 720,
"Height": 1080,
"Bitrate": 10000,
"ResolutionAdaptive": "open"
},
"WatermarkConfigure": {
"Switch": "ON",
"ImageContent": "111",
```

```
"Width": "10%",
"Height": "10%",
"XPos": "10%",
"YPos": "10%"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```

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

AuthFailure	CAM signature/authentication error.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.ExistedName	Duplicate name
LimitExceeded.TooMuchTemplate	Limit exceeded: The number of templates exceeds the upper limit of 100. If you need more, pleaseSubmit a ticket.
RequestLimitExceeded	Too many requests.

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DescribeJustInTimeTranscodeTemplates

Last updated：2025-04-27 17:15:24

1. API Description

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

Describe Just In Time Transcode 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: DescribeJustInTimeTranscodeTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Names.N	No	Array of String	Template name filter condition, array length limit: 100.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Type	No	String	Template type filter conditions, optional values: • Preset: system preset task flow template;

			• Custom: user-defined task flow template.
Offset	No	Integer	Paging offset, default value: 0.
Limit	No	Integer	Returns the number of records, default value: 10, maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	The total number of records matching the filter criteria.
JustInTimeTranscodeTemplateSet	Array of JustInTimeTranscodeTemplate	Template details list.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Describe Just In Time Transcode Templates

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeJustInTimeTranscodeTemplates
<Public request parameters>

{
"Names": [
"testtempaltename"
]
}
```

Output Example


```
{
"Response": {
"TotalCount": 1,
"JustInTimeTranscodeTemplateSet": [
{
"Type": "Custom",
"Name": "test",
"Comment": "comment",
"VideoConfigure": {
"Width": 720,
"Height": 1080,
"Bitrate": 10000,
"ResolutionAdaptive": "open"
},
"WatermarkConfigure": {
"Switch": "ON",
"Url": "http://example.com/aa.png",
"Width": "10%",
"Height": "10%",
"XPos": "10%",
"YPos": "10%"
}
}
],
"RequestId": "abc"
}
}
```


5. Developer Resources

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- Tencent Cloud SDK 3.0 for .NET

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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.
InvalidParameterValue	Incorrect parameter value.
RequestLimitExceeded	Too many requests.
ResourceNotFound.UserNotExist	The user does not exist.

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ModifyJustInTimeTranscodeTemplate

Last updated：2025-04-27 17:14:47

1. API Description

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

Modify Just In Time Transcode 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 fo this API: ModifyJustInTimeTranscodeTempla
Version	Yes	String	Common Params. The value used fo this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Name	Yes	String	Template name.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, they want to access resources in VOD application (whether it's the default application or a newly**

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			created one), they must fill in this field with the application ID.
VideoConfigure	No	VideoConfigureInfoForUpdate	Video parameter configuration.
WatermarkConfigure	No	WatermarkConfigureInfoForUpdate	Watermark parameter configuration.
Comment	No	String	Template description, the length is limited to 256 characters.

3. Output Parameters

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

4. Example

Example1 Modify Just In Time Transcode Template

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyJustInTimeTranscodeTemplate
<Public request parameters>

{
"Name": "testtempaltename",
"Comment": "this is a test comment"
}
```

Output Example

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

```
}
}
```

5. Developer Resources

SDK

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

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.

DeleteJustInTimeTranscodeTemplate

Last updated：2025-04-27 17:14:56

1. API Description

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

Delete Just In Time Transcode 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: DeleteJustInTimeTranscodeTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Name	Yes	String	Template name.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Delete Just In Time Transcode Template

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteJustInTimeTranscodeTemplate
<Public request parameters>

{
"Name": "testtempaltename"
}
```

Output Example

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

5. Developer Resources

SDK

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

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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 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.

No longer recommended APIs CreateContentReviewTemplate

Last updated：2025-04-27 17:15:01

1. API Description

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

We have stopped updating this API. Our new moderation templates can moderate audio/video as well as images. For details, see CreateReviewTemplate.
This API is used to create a custom audio/video moderation template. Up to 50 templates can be created in total.

A maximum of 10 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: CreateContentReviewTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
ReviewWallSwitch	Yes	String	Whether to allow the recognition result to enter the intelligent recognition platform (for human recognition). • ON: yes • OFF: no

SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Name	No	String	Name of an intelligent content recognition template. Length limit: 64 characters.
Comment	No	String	Description of an intelligent content recognition template. Length limit: 256 characters.
PornConfigure	No	PornConfigureInfo	Control parameter for porn information.
TerrorismConfigure	No	TerrorismConfigureInfo	Control parameter for terrorism information.
PoliticalConfigure	No	PoliticalConfigureInfo	Control parameter for politically sensitive information.
ProhibitedConfigure	No	ProhibitedConfigureInfo	Control parameter of prohibited information detection. Prohibited information includes: • Abusive; • Drug-related.
UserDefineConfigure	No	UserDefineConfigureInfo	Control parameter for custom intelligent content recognition.
ScreenshotInterval	No	Float	Frame capturing interval in seconds. If this parameter is left empty, 1 second will be used by default. Minimum value: 0.5 seconds.

3. Output Parameters

Parameter Name	Type	Description
Definition	Integer	Unique ID of an intelligent recognition template.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a

		RequestId). RequestId is required for locating a problem.

4. Example

Example1 Create content intelligent review templates that enable multiple identification tasks

Create a custom AI content review template, enable the task of information with objectionable content on the screen, and at the same time enable the task of information with unsafe content and inappropriate information, determine the score threshold for violations, and determine the need for manual identification The score thresholds of are all default and no filtering label is specified.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateContentReviewTemplate
<Public Request Parameter>

{
"Comment": "test template",
"PornConfigure": {
"ImgReviewInfo": {
"Switch": "ON"
}
},
"ReviewWallSwitch": "OFF",
"Name": "TestTemplate",
"PoliticalConfigure": {
"ImgReviewInfo": {
"Switch": "ON"
}
},
"TerrorismConfigure": {
"ImgReviewInfo": {
"Switch": "ON"
},
"OcrReviewInfo": null
}
}
```

Output Example

```
{
"Response": {
"Definition": 32,
"RequestId": "88aee3e9-2qd3-4151-9d4b-4390a45227a9"
}
}
```

Example2 Create a content moderation template that only turns on offensive messages

Create a custom AI content review template, and only enable the task of information with objectionable screen content. The score thresholds that are judged as violations and the score thresholds that are judged as requiring manual identification are both default values, and no filtering labels are specified.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateContentReviewTemplate
<Public Request Parameter>

{
"Comment": "Template 1",
"PornConfigure": {
"ImgReviewInfo": {
"Switch": "ON"
}
},
"ReviewWallSwitch": "OFF",
"Name": "Content moderation template"
}
```

Output Example

```
{
"Response": {
"Definition": 30,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

Example3 Create a content moderation template that opens objectionable messages and specify filtering labels

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Create a custom AI content review template, start the screen content pornographic identification task, specify the filter tags as pornographic and sexy, and set the score thresholds for violations and manual review as the default.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateContentReviewTemplate
<Public Request Parameter>

{
"Comment": "Template 1",
"PornConfigure": {
"ImgReviewInfo": {
"Switch": "ON",
"LabelSet": [
"sexy",
"porn"
]
}
},
"ReviewWallSwitch": "OFF",
"Name": "Content moderation template"
}
```

Output Example

```
{
"Response": {
"Definition": 33,
"RequestId": "67aee3e9-2qd3-2395-9d4b-4390a96837a7"
}
}
```

Example4 Create a task content review template that only turns on objectionable information on the screen, and specify the score threshold and frame interception interval

Create a custom AI content review template, start the information task of objectionable screen content, specify the score threshold for judging the screen violation to be 80 points, the threshold score for judging the screen to require manual identification as 30 points, and the frame interception interval as 1 second .

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateContentReviewTemplate
<Public Request Parameter>

{
"Comment": "Template 2",
"PornConfigure": {
"ImgReviewInfo": {
"BlockConfidence": "80",
"Switch": "ON",
"ReviewConfidence": "30"
}
},
"ReviewWallSwitch": "OFF",
"Name": "Content moderation template",
"ScreenshotInterval": "1"
}
```

Output Example

```
{
"Response": {
"Definition": 31,
"RequestId": "97aee3e9-2qd3-4151-9d4b-9730a45227a9"
}
}
```

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
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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET

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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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InternalError.GenDefinition	Internal error: failed to generate template ID.
InvalidParameterValue.BlockConfidence	Incorrect parameter value: the value of the `BlockConfidence` parameter is invalid.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.LabelSet	Incorrect parameter value: the value of the `LabelSet` parameter is invalid.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.ReviewConfidence	Incorrect parameter value: the value of the `ReviewConfidence` parameter is invalid.
InvalidParameterValue.ReviewWallSwitch	Incorrect parameter value: the value of the `ReviewWallSwitch` parameter is invalid.
InvalidParameterValue.ScreenshotInterval	Incorrect parameter value: the value of the `ScreenshotInterval` parameter is invalid.
InvalidParameterValue.Switch	Incorrect parameter value: the value of the `Switch` parameter is invalid.
LimitExceeded.TooMuchTemplate	Limit exceeded: The number of templates exceeds the upper limit of 100. If you need more, pleaseSubmit a ticket.

UnauthorizedOperation	Unauthorized operation.

ModifyContentReviewTemplate

Last updated：2025-04-27 17:14:49

1. API Description

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

We have stopped updating this API. Our new moderation templates can moderate audio/video as well as images. For details, see ModifyReviewTemplate.
This API is used to modify a custom audio/video moderation template.

A maximum of 10 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: ModifyContentReviewTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of an intelligent content recognition template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25,**

			2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.
Name	No	String	Name of an intelligent content recognition template. Length limit: 64 characters.
Comment	No	String	Description of an intelligent content recognition template. Length limit: 256 characters.
TerrorismConfigure	No	TerrorismConfigureInfoForUpdate	Control parameter for terrorism information.
PornConfigure	No	PornConfigureInfoForUpdate	Control parameter for porn information.
PoliticalConfigure	No	PoliticalConfigureInfoForUpdate	Control parameter for politically sensitive information.
ProhibitedConfigure	No	ProhibitedConfigureInfoForUpdate	Control parameter of prohibited information detection. Prohibited information includes: • Abusive; • Drug-related.
UserDefineConfigure	No	UserDefineConfigureInfoForUpdate	Control parameter for custom intelligent content recognition tasks.
ScreenshotInterval	No	Float	Frame capturing interval in seconds. Minimum value: 0.5 seconds.
ReviewWallSwitch	No	String	Whether to allow the recognition result to enter the intelligent recognition platform (for human recognition). • ON: yes • OFF: no

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3. Output Parameters

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

4. Example

Example1 Modifying an intelligent content recognition template to enable porn recognition in images

This example shows you how to modify a custom intelligent content recognition template. No labels are specified, and the thresholds for rule violation and human recognition for pornographic content in images are changed to the default values.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyContentReviewTemplate
&Definition=30
&PornConfigure.ImgReviewInfo.Switch=ON
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

Example2 Modifying an intelligent content recognition template to enable porn recognition, with thresholds specified

This example shows you how to modify a custom intelligent content recognition template. No labels are specified, and the thresholds for rule violation and human recognition for pornographic content in images are changed to 90 and 60 respectively.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyContentReviewTemplate
&Definition=30
&PornConfigure.ImgReviewInfo.Switch=ON
&PornConfigure.ImgReviewInfo.BlockConfidence=90
&PornConfigure.ImgReviewInfo.ReviewConfidence=60
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "82ae8d8e-dce3-4151-9d4b-5594145223e1"
}
}
```

Example3 Modifying an intelligent content recognition template to enable porn recognition, with labels and thresholds specified

This example shows you how to modify a custom intelligent content recognition template. The label is "sexy", and the thresholds for rule violation and human recognition for porn recognition in images are changed to 90 and 60.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyContentReviewTemplate
&Definition=30
&PornConfigure.ImgReviewInfo.Switch=ON
&PornConfigure.ImgReviewInfo.LabelSet.0=sexy
&PornConfigure.ImgReviewInfo.BlockConfidence=90
&PornConfigure.ImgReviewInfo.ReviewConfidence=60
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "67ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue.BlockConfidence	Incorrect parameter value: the value of the `BlockConfidence` parameter is invalid.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.LabelSet	Incorrect parameter value: the value of the `LabelSet` parameter is invalid.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.ReviewConfidence	Incorrect parameter value: the value of the `ReviewConfidence` parameter is invalid.

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InvalidParameterValue.ReviewWallSwitch	Incorrect parameter value: the value of the `ReviewWallSwitch` parameter is invalid.
InvalidParameterValue.ScreenshotInterval	Incorrect parameter value: the value of the `ScreenshotInterval` parameter is invalid.
InvalidParameterValue.Switch	Incorrect parameter value: the value of the `Switch` parameter is invalid.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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ProcessMediaByUrl

Last updated：2025-04-27 17:14:45

1. API Description

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

This API is disused, please use ProcessMedia API of MPS, with the input parameter `InputInfo.UrlInputInfo.Url` set to a video URL.

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: ProcessMediaByUrl.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
InputInfo	No	MediaInputInfo	This API isdisused. You are advised to use an alternative API. For more information, see API overview.
OutputInfo	No	MediaOutputInfo	Information of COS path to output file.
AiContentReviewTask	No	AiContentReviewTaskInput	Type parameter of video content audit task.

AiAnalysisTask	No	AiAnalysisTaskInput	Video content analysis task parameter.
AiRecognitionTask	No	AiRecognitionTaskInput	Type parameter of video content recognition task.
TasksPriority	No	Integer	Task flow priority. The higher the value, the higher the priority. Value range: -10-10. If this parameter is left empty, 0 will be used.
TasksNotifyMode	No	String	Notification mode for task flow status change. Valid values: Finish, Change, None. If this parameter is left empty, `Finish` will be used.
SessionContext	No	String	The source context which is used to pass through the user request information. The task flow status change callback will return the value of this field. It can contain up to 1,000 characters.
SessionId	No	String	Used to identify duplicate requests. After you send a request, if any request with the same `SessionId` has already been sent in the last three days (72 hours), an error message will be returned. `SessionId` contains up to 50 characters. If this parameter is not carried or is an empty string, no deduplication will be performed.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

Parameter Name	Type	Description

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

4. Example

Example1 Initiating a content analysis task

This example shows you how to initiate a content analysis task for the video whose URL is `http://www.abc.com/abc.mp4` .

Input Example

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

{
"InputInfo": {
"Url": "http://www.abc.com/abc.mp4",
"Name": "National Diplomacy",
"Id": "872988202"
},
"OutputInfo": {
"Region": "ap-guangzhou",
"Bucket": "myoutputbucket-1256244234",
"Dir": "/output/test/"
},
"AiAnalysisTask": {
"Definition": "10"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5ca61e3a-6b8e-4b4e-9256-fdc701190064ef0",
"TaskId": "125xxxxxx07-procedurev2-813dc41e6fdc22dcf24aa6e9c61cp92"
```

```
}
}
```

Example2 Initiating an inappropriate information recognition task

This example shows you how to initiate an inappropriate information recognition task for a video whose URL is `http://www.abc.com/abc.mp4` .

Input Example

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

{
"InputInfo": {
"Url": "http://www.abc.com/abc.mp4",
"Name": "National Diplomacy",
"Id": "872988202"
},
"OutputInfo": {
"Region": "ap-guangzhou",
"Bucket": "myoutputbucket-1256244234",
"Dir": "/output/test/"
},
"AiContentReviewTask": {
"Definition": "10"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5ca61e3a-6b8e-4b4e-9256-fdc701190064ef0",
"TaskId": "125xxxxxx07-procedurev2-893dc41e6fdc22dcf24aa6e9c61cp94"
}
}
```

Example3 Initiating a content recognition task

This example shows you how to initiate a content recognition task for the video whose URL is `http://www.abc.com/abc.mp4` .

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Input Example

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

{
"InputInfo": {
"Url": "http://www.abc.com/abc.mp4",
"Name": "National Diplomacy",
"Id": "872988202"
},
"OutputInfo": {
"Region": "ap-guangzhou",
"Bucket": "myoutputbucket-1256244234",
"Dir": "/output/test/"
},
"AiRecognitionTask": {
"Definition": "10"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5ca61e3a-6b8e-4b4e-9256-fdc701190064fk3",
"TaskId": "125xxxxxx07-procedurev2-813dc41e6fdc22dcf24aa6e9c61f3t0"
}
}
```

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 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.InvalidVodUser	The VOD service is not activated.
FailedOperation.TaskDuplicate	Operation failed: the task already exists.
InternalError	Internal error.
InternalError.GetFileInfoError	Internal error: an error occurred while getting media file information.
InvalidParameter	Invalid parameter.
InvalidParameterValue.AiAnalysisTaskDefinition	Incorrect parameter value: `Definition` for AI-based analysis.
InvalidParameterValue.AiContentReviewTaskDefinition	Incorrect parameter value: `Definition` AI-based content audit.
InvalidParameterValue.AiRecognitionTaskDefinition	Incorrect parameter value: `Definition` for AI-based recognition.
InvalidParameterValue.SessionContextTooLong	`SessionContext` is too long.
InvalidParameterValue.SessionId	The deduplication ID already exists. The request is removed due to duplication.
InvalidParameterValue.SessionIdTooLong	`SessionId` is too long.

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InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
UnauthorizedOperation	Unauthorized operation.

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DescribeContentReviewTemplates

Last updated：2025-04-27 17:14:53

1. API Description

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

We have stopped updating this API. Our new moderation templates can moderate audio/video as well as images. For details, see DescribeReviewTemplates.
This API is used to get the information of custom and preset audio/video moderation templates based on template IDs.

A maximum of 10 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: DescribeContentReviewTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Definitions.N	No	Array of	Unique IDs for filters of an intelligent content recognition template. Array length limit: 100.

		Integer	
Offset	No	Integer	Pagination offset. Default value: 0.
Limit	No	Integer	Number of returned entries. Default value: 10. Maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries.
ContentReviewTemplateSet	Array of ContentReviewTemplateItem	List of intelligent content recognition template details.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Get a specified number of content review templates

Starting from serial number 0, get 10 content review templates, including the system default content review template.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeContentReviewTemplates
<Public Request Parameter>

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

Output Example

```
{
"Response": {
"TotalCount": 2,
"ContentReviewTemplateSet": [
{
"Definition": 30,
"Name": "Template 1",
"Comment": "Content moderation template",
"ReviewWallSwitch": "ON",
"PornConfigure": {
"ImgReviewInfo": {
"Switch": "ON",
"LabelSet": [
"porn"
],
"BlockConfidence": 80,
"ReviewConfidence": 30
},
"AsrReviewInfo": {
"Switch": "ON",
"BlockConfidence": 100,
"ReviewConfidence": 75
},
"OcrReviewInfo": {
"Switch": "ON",
"BlockConfidence": 100,
"ReviewConfidence": 75
}
},
"TerrorismConfigure": {
"ImgReviewInfo": {
"Switch": "ON",
"LabelSet": [
"bloody"
],
"BlockConfidence": 80,
"ReviewConfidence": 30
},
"OcrReviewInfo": {
"Switch": "OFF",
"BlockConfidence": 0,
"ReviewConfidence": 0
}
},
"PoliticalConfigure": {
"ImgReviewInfo": {
```

```
"Switch": "ON",
"LabelSet": [
"politician"
],
"BlockConfidence": 80,
"ReviewConfidence": 30
},
"AsrReviewInfo": {
"Switch": "ON",
"BlockConfidence": 100,
"ReviewConfidence": 75
},
"OcrReviewInfo": {
"Switch": "ON",
"BlockConfidence": 100,
"ReviewConfidence": 75
}
},
"ProhibitedConfigure": null,
"UserDefineConfigure": {
"AsrReviewInfo": {
"Switch": "ON",
"LabelSet": [],
"BlockConfidence": 100,
"ReviewConfidence": 75
},
"OcrReviewInfo": {
"Switch": "ON",
"LabelSet": [],
"BlockConfidence": 100,
"ReviewConfidence": 75
},
"FaceReviewInfo": {
"Switch": "ON",
"LabelSet": [
"abc"
],
"BlockConfidence": 0,
"ReviewConfidence": 0
}
},
"ScreenshotInterval": 1,
"CreateTime": "2019-01-01T12:00:00Z",
"UpdateTime": "2019-01-01T16:00:00Z"
},
{
"Definition": 31,
```


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```
"Name": "Template2",
"Comment": "Content moderation template",
"ReviewWallSwitch": "ON",
"PornConfigure": {
"ImgReviewInfo": {
"Switch": "ON",
"LabelSet": [
"porn"
],
"BlockConfidence": 80,
"ReviewConfidence": 30
},
"AsrReviewInfo": {
"Switch": "ON",
"BlockConfidence": 100,
"ReviewConfidence": 75
},
"OcrReviewInfo": {
"Switch": "ON",
"BlockConfidence": 100,
"ReviewConfidence": 75
}
},
"TerrorismConfigure": {
"ImgReviewInfo": {
"Switch": "ON",
"LabelSet": [],
"BlockConfidence": 80,
"ReviewConfidence": 30
},
"OcrReviewInfo": {
"Switch": "OFF",
"BlockConfidence": 0,
"ReviewConfidence": 0
}
},
"PoliticalConfigure": {
"ImgReviewInfo": {
"Switch": "ON",
"LabelSet": [
"politician"
],
"BlockConfidence": 80,
"ReviewConfidence": 30
},
"AsrReviewInfo": {
"Switch": "ON",
```

```
"BlockConfidence": 100,
"ReviewConfidence": 75
},
"OcrReviewInfo": {
"Switch": "ON",
"BlockConfidence": 100,
"ReviewConfidence": 75
}
},
"ProhibitedConfigure": null,
"UserDefineConfigure": {
"AsrReviewInfo": {
"Switch": "ON",
"LabelSet": [],
"BlockConfidence": 100,
"ReviewConfidence": 75
},
"OcrReviewInfo": {
"Switch": "ON",
"LabelSet": [],
"BlockConfidence": 100,
"ReviewConfidence": 75
},
"FaceReviewInfo": {
"Switch": "ON",
"LabelSet": [
"def"
],
"BlockConfidence": 0,
"ReviewConfidence": 0
}
},
"ScreenshotInterval": 1,
"CreateTime": "2019-01-01T12:00:00Z",
"UpdateTime": "2019-01-01T16:00:00Z"
}
],
"RequestId": "19ae8d8e-dce3-4151-9d4b-5594384987a9"
}
}
```


Example2 Get the content moderation template with template ID 30

Get the content moderation template with template ID 30

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeContentReviewTemplates
<Public Request Parameter>

{
"Definitions": [
"30"
]
}
```

Output Example

```
{
"Response": {
"TotalCount": 2,
"ContentReviewTemplateSet": [
{
"Definition": 30,
"Name": "Template 1",
"Comment": "Content moderation template",
"ReviewWallSwitch": "ON",
"PornConfigure": {
"ImgReviewInfo": {
"Switch": "ON",
"LabelSet": [
"porn"
],
"BlockConfidence": 80,
"ReviewConfidence": 30
},
"AsrReviewInfo": {
"Switch": "ON",
"BlockConfidence": 100,
"ReviewConfidence": 75
},
"OcrReviewInfo": {
"Switch": "ON",
"BlockConfidence": 100,
"ReviewConfidence": 75
}
},
"TerrorismConfigure": {
"ImgReviewInfo": {
```

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```
"Switch": "ON",
"LabelSet": [
"bloody"
],
"BlockConfidence": 80,
"ReviewConfidence": 30
},
"OcrReviewInfo": {
"Switch": "OFF",
"BlockConfidence": 0,
"ReviewConfidence": 0
}
},
"PoliticalConfigure": {
"ImgReviewInfo": {
"Switch": "ON",
"LabelSet": [
"politician"
],
"BlockConfidence": 80,
"ReviewConfidence": 30
},
"AsrReviewInfo": {
"Switch": "ON",
"BlockConfidence": 100,
"ReviewConfidence": 75
},
"OcrReviewInfo": {
"Switch": "ON",
"BlockConfidence": 100,
"ReviewConfidence": 75
}
},
"ProhibitedConfigure": null,
"UserDefineConfigure": {
"AsrReviewInfo": {
"Switch": "ON",
"LabelSet": [],
"BlockConfidence": 100,
"ReviewConfidence": 75
},
"OcrReviewInfo": {
"Switch": "ON",
"LabelSet": [],
"BlockConfidence": 100,
"ReviewConfidence": 75
},
```


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```
"FaceReviewInfo": {
"Switch": "ON",
"LabelSet": [
"abc"
],
"BlockConfidence": 0,
"ReviewConfidence": 0
}
},
"ScreenshotInterval": 1,
"CreateTime": "2019-01-01T12:00:00Z",
"UpdateTime": "2019-01-01T16:00:00Z"
},
{
"Definition": 31,
"Name": "Template2",
"Comment": "Content moderation template",
"ReviewWallSwitch": "ON",
"PornConfigure": {
"ImgReviewInfo": {
"Switch": "ON",
"LabelSet": [
"porn"
],
"BlockConfidence": 80,
"ReviewConfidence": 30
},
"AsrReviewInfo": {
"Switch": "ON",
"BlockConfidence": 100,
"ReviewConfidence": 75
},
"OcrReviewInfo": {
"Switch": "ON",
"BlockConfidence": 100,
"ReviewConfidence": 75
}
},
"TerrorismConfigure": {
"ImgReviewInfo": {
"Switch": "ON",
"LabelSet": [],
"BlockConfidence": 80,
"ReviewConfidence": 30
},
"OcrReviewInfo": {
"Switch": "OFF",
```

```
"BlockConfidence": 0,
"ReviewConfidence": 0
}
},
"PoliticalConfigure": {
"ImgReviewInfo": {
"Switch": "ON",
"LabelSet": [
"politician"
],
"BlockConfidence": 80,
"ReviewConfidence": 30
},
"AsrReviewInfo": {
"Switch": "ON",
"BlockConfidence": 100,
"ReviewConfidence": 75
},
"OcrReviewInfo": {
"Switch": "ON",
"BlockConfidence": 100,
"ReviewConfidence": 75
}
},
"ProhibitedConfigure": null,
"UserDefineConfigure": {
"AsrReviewInfo": {
"Switch": "ON",
"LabelSet": [],
"BlockConfidence": 100,
"ReviewConfidence": 75
},
"OcrReviewInfo": {
"Switch": "ON",
"LabelSet": [],
"BlockConfidence": 100,
"ReviewConfidence": 75
},
"FaceReviewInfo": {
"Switch": "ON",
"LabelSet": [
"def"
],
"BlockConfidence": 0,
"ReviewConfidence": 0
}
},
```

```
"ScreenshotInterval": 1,
"CreateTime": "2019-01-01T12:00:00Z",
"UpdateTime": "2019-01-01T16:00:00Z"
}
],
"RequestId": "19ae8d8e-dce3-4151-9d4b-5594384987a9"
}
}
```


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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameter	Invalid parameter.

InvalidParameterValue.Definitions	Invalid parameter: Definitions.
InvalidParameterValue.Limit	Invalid parameter: Limit.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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DeleteContentReviewTemplate

Last updated：2025-04-27 17:14:57

1. API Description

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

We have stopped updating this API. Our new moderation templates can moderate audio/video as well as images. For details, see DeleteReviewTemplate.
This API is used to delete a custom audio/video moderation template.

A maximum of 10 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: DeleteContentReviewTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of an intelligent content recognition template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

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3. Output Parameters

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

4. Example

Example1 Deleting the intelligent content recognition template whose ID is 30

This example shows you how to delete a custom intelligent content recognition template.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteContentReviewTemplate
&Definition=30
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "35ae8d8e-dce3-42851-9d4b-559414529d931"
}
}
```

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 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.DeleteDefaultTemplate	Incorrect parameter value: the default template cannot be deleted.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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CreateRebuildMediaTemplate

Last updated：2025-04-27 17:14:59

1. API Description

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

Create rebuild media 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: CreateRebuildMediaTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Container	Yes	String	The output container format. Valid values: `mp4` , `flv` , `hls` .
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly**

			created one), they must fill in this field with the application ID.
Name	No	String	The remaster template name.
Comment	No	String	The template description.
RebuildVideoInfo	No	RebuildVideoInfo	The video remaster parameters.
RebuildAudioInfo	No	RebuildAudioInfo	The audio remaster parameters.
TargetVideoInfo	No	RebuildMediaTargetVideoStream	The output video parameters.
TargetAudioInfo	No	RebuildMediaTargetAudioStream	The output audio parameters.
RemoveVideo	No	Integer	Whether to remove video data. Valid values: • `0` : No • `1` : Yes Default value: 0.
RemoveAudio	No	String	Whether to remove audio data. Valid values: • `0` : No • `1` : Yes Default value: 0.

3. Output Parameters

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

4. Example

Example1 Create Rebuild Media Template.

CreateRebuildMediaTemplate

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRebuildMediaTemplate
<Public Request Parameter>

{
"Name": "rebuildMediaTestTempalte",
"Container": "mp4",
"RebuildVideoInfo": {
"RepairInfo": {
"Switch": "ON"
}
}
}
```

Output Example

```
{
"Response": {
"Definition": 20001,
"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 .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
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.VideoCodec	Invalid parameter: video stream encoder.

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ModifyRebuildMediaTemplate

Last updated：2025-04-27 17:14:47

1. API Description

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

Modify Rebuild Media 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: ModifyRebuildMediaTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Rebuild Media Template ID.
SubAppId	No	String	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly**

			created one), they must fill in this field with the application ID.
Name	No	String	Rebuild Media Template Name.
Comment	No	String	Rebuild media template description.
RebuildVideoInfo	No	RebuildVideoInfo	Rebuild media video control information.
RebuildAudioInfo	No	RebuildAudioInfo	Rebuild media audio control information.
TargetVideoInfo	No	RebuildMediaTargetVideoStream	The output video parameters.
TargetAudioInfo	No	RebuildMediaTargetAudioStream	The output audio parameters.
Container	No	String	The output container format. Valid values: `mp4` , `flv` , `hls` .
RemoveVideo	No	Integer	Whether to remove video data. Valid values: • `0` : No • `1` : Yes
RemoveAudio	No	Integer	Whether to remove audio data. Valid values: • `0` : No • `1` : Yes

3. Output Parameters

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

4. Example

Example1 Modify Rebuild Media Template.

Modify Rebuild Media Template.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyRebuildMediaTemplate
<Public Request Parameter>

{
"Definition": 20001,
"Name": "testRebuildName"
}
```

Output Example

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

5. Developer Resources

SDK

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6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

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DescribeRebuildMediaTemplates

Last updated：2025-04-27 17:14:51

1. API Description

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

Describe Rebuild Media 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: DescribeRebuildMediaTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definitions.N	No	Array of Integer	List of rebuild media templates.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Type	No	String	The template type. Valid values:

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			• `Preset` • `Custom`
Offset	No	Integer	The pagination offset. Default value: 0.
Limit	No	Integer	The maximum number of records to return. Default value: 10. Maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	The total number of records that meet the conditions.
RebuildMediaTemplateSet	Array of RebuildMediaTemplate	Rebuild media template details list.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Describe Rebuild Media Templates

Describe Rebuild Media Templates

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeRebuildMediaTemplates
<Public Request Parameter>

{
"Definitions": [
20001
]
}
```

Output Example


```
{
"Response": {
"TotalCount": 1,
"RebuildMediaTemplateSet": [
{
"Definition": 20001,
"Name": "test",
"Type": "Preset",
"Comment": "",
"RebuildVideoInfo": null,
"RebuildAudioInfo": null,
"TargetVideoInfo": null,
"TargetAudioInfo": null,
"Container": "mp4",
"RemoveVideo": 0,
"RemoveAudio": 0,
"CreateTime": "",
"UpdateTime": ""
}
],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```


5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

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DeleteRebuildMediaTemplate

Last updated：2025-04-27 17:14:55

1. API Description

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

Delete rebuild media 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: DeleteRebuildMediaTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Rebuild Media Template ID.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Delete Rebuild Media Template.

Delete Rebuild Media Template.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteRebuildMediaTemplate
<Public Request Parameter>

{
"Definition": 20001
}
```

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

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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

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

RebuildMediaByTemplate

Last updated：2025-04-27 17:14:43

1. API Description

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

Rebuild media by 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: RebuildMediaByTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileId	Yes	String	The file ID.
Definition	Yes	Integer	Rebuild Media Template ID.
SubAppId	No	String	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created**

			one), they must fill in this field with the application ID.
StartTimeOffset	No	Float	The start offset (seconds). If you do not specify this, the segment will start from the beginning of the video.
EndTimeOffset	No	Float	The end offset (seconds). If you do not specify this, the segment will end at the end of the video.
OutputConfig	No	RebuildMediaOutputConfig	New file configuration after rebuild.
SessionId	No	String	The session ID, which is used for de-duplication. If there was a request with the same session ID in the last three days, an error will be returned for the current request. The session ID can contain up to 50 characters. If you do not pass this parameter or pass in an empty string, duplicate sessions will not be identified.
SessionContext	No	String	The source context, which is used to pass through user request information. The `ProcedureStateChanged` callback will return the value of this parameter. It can contain up to 1,000 characters.
TasksPriority	No	Integer	The task priority, which can be a value from -10 to 10. The higher the value, the higher the priority. If this parameter is left empty, 0 will be used.
ExtInfo	No	String	A reserved parameter.

3. Output Parameters

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

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4. Example

Example1 Rebuild media by template.

Rebuild media by template.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: RebuildMediaByTemplate
<Public Request Parameter>

{
"FileId": "8312960950918954859",
"Definition": 20001
}
```

Output Example

```
{
"Response": {
"TaskId": "125xxx-RebuildMedia-75e45d323ffad76987112fafe2eb87dxxx",
"RequestId": "ef5aae86-6eab-4cb3-9ebc-0979010b3f22"
}
}
```

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
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- Tencent Cloud SDK 3.0 for Node.js

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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

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

Making API Requests
Request Structure

Last updated：2025-04-24 16:46:36

1. Service Address

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

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

2. Communications Protocol

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

3. Request Methods

Supported HTTP request methods:

- POST (recommended)
- GET

The Content-Type types supported by POST requests:

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

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

4. Character Encoding

Only UTF-8 encoding is used.

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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 `Action` in the input parameters in r documentation. For example, the API for querying the CVM instance list i `DescribeInstances` .
X-TC-Region	String	Yes	Region parameter, which is used to identify the region to which the data y work with belongs. For values supported for an API, see the description c parameter `Region` in the input parameters in related API documentati parameter is not required for some APIs (which will be indicated in relate 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 for example, 1529223702. Note: If the difference between the UNIX times server time is greater than 5 minutes, a signature expiration error may oc
X-TC-Version	String	Yes	API version of the action. For the valid values, see the description of the c parameter `Version` in the API documentation. For example, the versi 2017-03-12.
Authorization	String	Yes	The HTTP authentication request header, for example: TC3-HMAC-SHA256 Credential=AKID*******/Date/service/tc3_request, SignedHeaders=content-type;host, Signature=fe5f80f77d5fa3beca038a248ff027d0445342fe2855ddc96317 Here: - TC3-HMAC-SHA256: Signature method, currently fixed as this value; - Credential: Signature credential; AKID******* is the SecretId; Date is a d time, and this value must match the value of X-TC-Timestamp (a commo

			UTC time format; service is the name of the product/service, and is gener name prefix. For example, a domain name cvm.tencentcloudapi.com refe product and the value would be cvm; - SignedHeaders: The headers that contains the authentication informatic 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 tempor can obtain the temporary key and token by calling a CAM API. No token i a long-term key.

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

Example of an HTTP GET request structure:

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

Authorization: TC3-HMAC-SHA256 Credential=AKID********************************/20
18-10-09/cvm/tc3_request, SignedHeaders=content-type;host, Signature=5da7a33f6993
f0614b047e5df4582db9e9bf4672ba50567dba16c6ccf174c474
Content-Type: application/x-www-form-urlencoded
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1539084154
X-TC-Region: ap-guangzhou
```

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

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

Authorization: TC3-HMAC-SHA256 Credential=AKID********************************/20
18-05-30/cvm/tc3_request, SignedHeaders=content-type;host, Signature=582c400e06b5
924a6f2b5d7d672d79c15b13162d9279b0855cfba6789a8edb4c
Content-Type: application/json
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1527672334
X-TC-Region: ap-guangzhou

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

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

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

Authorization: TC3-HMAC-SHA256 Credential=AKID********************************/20
18-05-30/cvm/tc3_request, SignedHeaders=content-type;host, Signature=582c400e06b5
924a6f2b5d7d672d79c15b13162d9279b0855cfba6789a8edb4c
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 `Action` in the input parameters in related API documentation. For example, the API for querying the CVM instance list is `DescribeInstances`.
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 `Region` 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 `Timestamp` 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 `Version` 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=37ac2f4fde00b0ac9bd9eadeb459b1bbee224158d66e7ae5fcadb70b2d181d02&Region=ap-guangzhou&Nonce=23823223&SecretId=AKID********************************

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

Example of an HTTP POST request structure:

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

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

Action=DescribeInstances&Version=2017-03-12&SignatureMethod=HmacSHA256&Timestamp=
1527672334&Signature=37ac2f4fde00b0ac9bd9eadeb459b1bbee224158d66e7ae5fcadb70b2d18
1d02&Region=ap-guangzhou&Nonce=23823223&SecretId=AKID**************************
****
```

Region List

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

Region	Value
Southeast Asia (Bangkok)	ap-bangkok
Hong Kong/Macao/Taiwan (China) (Hong Kong (China))	ap-hongkong
Southeast Asia (Jakarta)	ap-jakarta
Northeast Asia (Seoul)	ap-seoul
Southeast Asia (Singapore)	ap-singapore
Northeast Asia (Tokyo)	ap-tokyo
Europe (Frankfurt)	eu-frankfurt
East US (Virginia)	na-ashburn
West US (Silicon Valley)	na-siliconvalley
South America (São Paulo)	sa-saopaulo

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Signature v3

Last updated：2024-12-26 10:37:56

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,

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

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

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

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

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

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

The signature calculation process is explained in detail below.

1. Concatenating the CanonicalRequest String

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

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

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

Field Name	Explanation
HTTPRequestMethod	HTTP request method (GET or POST). This example uses `POST` .
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 st “” for POST requests, and is the string after the question mark (?) for GET requests. Fo example: Limit=10&Offset=0。 Note: `CanonicalQueryString` must be URL-encoded, referencing RFC3986, the UTF8 character set. We recommend using the programming language library. All speci characters must be encoded and capitalized.
CanonicalHeaders	Header information for signature calculation, including at least two headers of `host` `content-type` . Custom headers can be added to participate in the signature proce improve the uniqueness and security of the request. Concatenation rules: 1. Both the key and value of the header should be converted to lowercase with the lead and trailing spaces removed, so they are concatenated in the format of key:value\n format; 2. 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 `content-type:application/json; charset=utf-8\nhost:cvm.tencentcloudapi.com\n` . Note: `content-type` 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 sever 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 heac in CanonicalHeaders). `Content-type` and `host` are required headers. Concatenation rules: 1. Both the key and value of the header should be converted to lowercase; 2. 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 `content-type;host`
HashedRequestPayload	Hash value of the request payload (i.e., the body, such as `{"Limit": 1, "Filter`

	`[{"Values": ["unnamed"], "Name": "instance-name"}]` in this exampl The pseudocode for calculation is Lowercase(HexEncode(Hash.SHA256(RequestPayload))) by SHA256 hashing the pay of the HTTP request, performing hexadecimal encoding, and finally converting the enco string to lowercase letters. For GET requests, `RequestPayload` is always an empt string. The calculation result in this example is `99d58dfbc6745f6747f36bfca17dee5e6881dc0428a0a36f96199342bc5b49`

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

```
POST
/

content-type:application/json; charset=utf-8
host:cvm.tencentcloudapi.com

content-type;host
99d58dfbc6745f6747f36bfca17dee5e6881dc0428a0a36f96199342bc5b4907
```

2. Concatenating the String to Be Signed

The string to sign is concatenated as follows:

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

Field Name	Explanation
Algorithm	Signature algorithm, which is currently always `TC3-HMAC-SHA256`.
RequestTimestamp	Request timestamp, i.e., the value of the common parameter `X-TC-Timestamp` in request header, which is the UNIX timestamp of the current time in seconds, such as `1551113065` in this example.
CredentialScope	Scope of the credential in the format of `Date/service/tc3_request`, including date, requested service and termination string (tc3_request). **`Date` is a date in UT time, whose value should match the UTC date converted by the common parameter `X-TC-Timestamp`;** `service` is the product name, which should m the domain name of the product called. The calculation result in this example is `2019-25/cvm/tc3_request`.

HashedCanonicalRequest	Hash value of the CanonicalRequest string concatenated in the steps above. The pseudocode for calculation is Lowercase(HexEncode(Hash.SHA256(CanonicalRequ The calculation result in this example is `2815843035062fffda5fd6f2a44ea8a34818b0dc46f024b8b3786976a3ad`

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
2815843035062fffda5fd6f2a44ea8a34818b0dc46f024b8b3786976a3adda7a
```

3. Calculating the Signature

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

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

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

Service	Value in the Service field in `Credential`, such as `cvm` 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 `TC3-HMAC-SHA256`.
SecretId	The SecretId in the key pair, i.e., `AKID********************************`.
CredentialScope	Credential scope (see above). The calculation result in this example is `2019-02-25/cvm/tc3_request`.
SignedHeaders	Header information for signature calculation (see above), such as `content-type;host` in this example.
Signature	Signature value. The calculation result in this example is `a7b8551448762bd123d6f79e81815e31a92013640a6cef36a08ad4b292a4d2f2`.

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

```
TC3-HMAC-SHA256 Credential=AKID********************************/2019-02-25/cvm/tc
3_request, SignedHeaders=content-type;host, Signature=a7b8551448762bd123d6f79e818
15e31a92013640a6cef36a08ad4b292a4d2f2
```

The following example shows a finished authorization header:

```
POST https://cvm.tencentcloudapi.com/
Authorization: TC3-HMAC-SHA256 Credential=AKID********************************/20
19-02-25/cvm/tc3_request, SignedHeaders=content-type;host, Signature=a7b855144876
2bd123d6f79e81815e31a92013640a6cef36a08ad4b292a4d2f2
```

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

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

5. Signature Demo

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

- Python
- Java
- PHP
- Go
- NodeJS
- .NET

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

The final output URL might be: https://cvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&Limit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKID**********&Signature=EliP9YW3pW28FpsEdkXt%2F%2BWcGeI%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.

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Java

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

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

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

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

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

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

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

String payload = "{\"Limit\": 1, \"Filters\": [{\"Values\": [\"unnamed\"], \"Name
\": \"instance-name\"}]}";
String hashedRequestPayload = sha256Hex(payload);
String canonicalRequest = httpRequestMethod + "\n" + canonicalUri + "\n" + canoni
calQueryString + "\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 = "AKID********************************"
secret_key = "********************************"

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

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

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

# ************* Step 2: Concatenate the string to sign *************
credential_scope = date + "/" + service + "/" + "tc3_request"
hashed_canonical_request = hashlib.sha256(canonical_request.encode("utf-8")).hexd
igest()
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.sha2
56).hexdigest()
print(signature)

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

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

Golang

```
package main

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

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

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

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

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

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

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

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

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

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

PHP

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

// step 1: build canonical request string
$httpRequestMethod = "POST";
$canonicalUri = "/";
$canonicalQueryString = "";
$canonicalHeaders = "content-type:application/json; charset=utf-8\n"."host:".$hos
t."\n";
$signedHeaders = "content-type;host";
$payload = '{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-na
me"}]}';
$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;
```

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

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

Ruby

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

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

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

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

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

puts canonical_request

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

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

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

puts 'curl -X POST ' + endpoint \
```

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

DotNet

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

public class Application
{
public static string SHA256Hex(string s)
{
using (SHA256 algo = SHA256.Create())
{
byte[] hashbytes = algo.ComputeHash(Encoding.UTF8.GetBytes(s));
StringBuilder builder = new StringBuilder();
for (int i = 0; i < hashbytes.Length; ++i)
{
builder.Append(hashbytes[i].ToString("x2"));
}
return builder.ToString();
}
}
public static byte[] HmacSHA256(byte[] key, byte[] msg)
{
using (HMACSHA256 mac = new HMACSHA256(key))
{
return mac.ComputeHash(msg);
}
}

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

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

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

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

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

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

Dictionary<string, string> headers = new Dictionary<string, string>();
headers.Add("Authorization", authorization);
headers.Add("Host", endpoint);
headers.Add("Content-Type", contentType + "; charset=utf-8");
headers.Add("X-TC-Timestamp", requestTimestamp.ToString());
headers.Add("X-TC-Version", version);
headers.Add("X-TC-Action", action);
headers.Add("X-TC-Region", region);
return headers;
}
public static void Main(string[] args)
{
// SecretID and SecretKey
string SECRET_ID = "AKID********************************";
string SECRET_KEY = "********************************";

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

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

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

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

NodeJS

```
const crypto = require('crypto');

function sha256(message, secret = '', encoding) {
const hmac = crypto.createHmac('sha256', secret)
return hmac.update(message).digest(encoding)
}
function getHash(message, encoding = 'hex') {
const hash = crypto.createHash('sha256')
return hash.update(message).digest(encoding)
}
function getDate(timestamp) {
const date = new Date(timestamp * 1000)
const year = date.getUTCFullYear()
const month = ('0' + (date.getUTCMonth() + 1)).slice(-2)
const day = ('0' + date.getUTCDate()).slice(-2)
return `${year}-${month}-${day}`
}
function main(){

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

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

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

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

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

const canonicalRequest = httpRequestMethod + "\n"
```

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

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

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

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

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

C++

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

using namespace std;

string get_data(int64_t &timestamp)
{
string utcDate;
char buff[20] = {0};
// time_t timenow;
struct tm sttime;
sttime = *gmtime(&timestamp);
strftime(buff, sizeof(buff), "%Y-%m-%d", &sttime);
utcDate = string(buff);
return utcDate;
}
string int2str(int64_t n)
{
std::stringstream ss;
ss << n;
return ss.str();
}
string sha256Hex(const string &str)
{
char buf[3];
unsigned char hash[SHA256_DIGEST_LENGTH];
SHA256_CTX sha256;
SHA256_Init(&sha256);
SHA256_Update(&sha256, str.c_str(), str.size());
SHA256_Final(hash, &sha256);
std::string NewString = "";
for(int i = 0; i < SHA256_DIGEST_LENGTH; i++)
{
snprintf(buf, sizeof(buf), "%02x", hash[i]);
NewString = NewString + buf;
}
return NewString;
```

```
}
string HmacSha256(const string &key, const string &input)
{
unsigned char hash[32];

HMAC_CTX *h;
#if OPENSSL_VERSION_NUMBER < 0x10100000L
HMAC_CTX hmac;
HMAC_CTX_init(&hmac);
h = &hmac;
#else
h = HMAC_CTX_new();
#endif

HMAC_Init_ex(h, &key[0], key.length(), EVP_sha256(), NULL);
HMAC_Update(h, ( unsigned char* )&input[0], input.length());
unsigned int len = 32;
HMAC_Final(h, hash, &len);

#if OPENSSL_VERSION_NUMBER < 0x10100000L
HMAC_CTX_cleanup(h);
#else
HMAC_CTX_free(h);
#endif

std::stringstream ss;
ss << std::setfill('0');
for (int i = 0; i < len; i++)
{
ss << hash[i];
}

return (ss.str());
}
string HexEncode(const string &input)
{
static const char* const lut = "0123456789abcdef";
size_t len = input.length();

string output;
output.reserve(2 * len);
for (size_t i = 0; i < len; ++i)
{
const unsigned char c = input[i];
output.push_back(lut[c >> 4]);
output.push_back(lut[c & 15]);
}
```

```
return output;
}

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

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

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

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

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

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

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

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

Signature Failure

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

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

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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: `AKID********************************`
- SecretKey: `********************************`

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

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

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

2.1. Sorting Parameters

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

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

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

2.2. Concatenating a Request String

This step generates a request string.

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

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

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

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

2.3. Concatenating the Signature Original String

This step generates a signature original string.

The signature original string consists of the following parameters:

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

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

The concatenation result of the example is:

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

2.4. Generating a Signature String

This step generates a signature string.

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

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

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

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

The final signature is:

```
7RAM2xfNMO9EiVTNmPg06MRnCvQ=
```

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

3. Encoding a Signature String

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

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

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

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

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

4. Signature Failure

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

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

5. Signature Demo

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

- Python
- Java
- PHP
- Go
- NodeJS
- .NET

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

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

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

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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.getAlg
orithm());
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. TreeM
ap 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 UnsupportedEnc
odingException {
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 lette
rs, only the value is URL encoded here.
url.append(k).append("=").append(URLEncoder.encode(params.get(k).toString(), CHAR
SET)).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 enable
s automatic sorting
// A random number should be used when actually calling, for example: params.put
("Nonce", new Random().nextInt(java.lang.Integer.MAX_VALUE));
params.put("Nonce", 11886); // Common parameter
// The current time of the system should be used when actually calling, for examp
le: params.put("Timestamp", System.currentTimeMillis() / 1000);
params.put("Timestamp", 1465185768); // Common parameter
params.put("SecretId", "AKID********************************"); // Common paramet
er
params.put("Action", "DescribeInstances"); // Common parameter
params.put("Version", "2017-03-12"); // Common parameter
params.put("Region", "ap-guangzhou"); // Common parameter
params.put("Limit", 20); // Business parameter
params.put("Offset", 0); // Business parameter
params.put("InstanceIds.0", "ins-09dx96dg"); // Business parameter
params.put("Signature", sign(getStringToSign(params), "************************
******", "HmacSHA1")); // Common parameter
System.out.println(getUrl(params));
}
}
```

Python

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

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

import requests

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

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

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

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

Golang

```
package main

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

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

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

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

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

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

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

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

PHP

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

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

ksort($param);

$signStr = "GETcvm.tencentcloudapi.com/?";
foreach ( $param 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 = "AKID********************************"
secret_key = "********************************"

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

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

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

DotNet

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

public class Application {
public static string Sign(string signKey, string secret)
{
string signRet = string.Empty;
using (HMACSHA1 mac = new HMACSHA1(Encoding.UTF8.GetBytes(signKey)))
{
byte[] hash = mac.ComputeHash(Encoding.UTF8.GetBytes(secret));
signRet = Convert.ToBase64String(hash);
}
return signRet;
}
public static string MakeSignPlainText(SortedDictionary<string, string> requestPa
rams, string requestMethod, string requestHost, string requestPath)
```

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

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

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

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

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

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

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

NodeJS

```
const crypto = require('crypto');

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

function formatSignString(reqMethod, endpoint, path, strParam){
let strSign = reqMethod + endpoint + path + "?" + strParam.slice(1);
return strSign;
}
function sha1(secretKey, strsign){
let signMethodMap = {'HmacSHA1': "sha1"};
let hmac = crypto.createHmac(signMethodMap['HmacSHA1'], secretKey || "");
return hmac.update(Buffer.from(strsign, 'utf8')).digest('base64')
}

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

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

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

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

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

strParam = sort_params(params)

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

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

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

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Responses

Last updated：2024-03-27 16:08:05

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 s
ignature is correct."
},
"RequestId": "ed93f3cb-f35e-473f-b9f3-0d451b8b79c6"
}
}
```

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

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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.

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AI-based image processing APIs
ReviewImage

Last updated：2025-04-27 17:15:50

1. API Description

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

This API is used to moderate an image stored in VOD (detect pornographic and terrorist content).>

- The image file must be smaller than 5 MB.

>

- To ensure the accuracy of moderation results, the image resolution must be higher than 256 x 256 px.

>

- The format must be PNG, JPG, JPEG, BMP, GIF, or WEBP.

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: ReviewImage.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
FileId	Yes	String	The unique ID of the media file. For this API to work, the file must be an image.

Definition	Yes	Integer	The image moderation template ID. Valid values: • 10: The preset template, whose violation labels are `Porn` and `Terror`.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

Parameter Name	Type	Description
ReviewResultSet	Array of ContentReviewResult	The image moderation result. Note: This parameter is no longer used. Please use `MediaReviewResult` instead.
MediaReviewResult	ReviewImageResult	The image moderation result. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Initiate the image review task

Initiate the image review task using template ID 10.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ReviewImage
<Public Request Parameter>

{
"Definition": "10",
```

```
"FileId": "5285485487985271487"
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"MediaReviewResult": {
"Suggestion": "block",
"Label": "Porn",
"Form": "Image",
"SegmentSet": [
{
"Confidence": 99,
"Suggestion": "block",
"Label": "Porn",
"SubLabel": "SexyBehavior",
"Form": "Image",
"AreaCoordSet": [],
"Text": "",
"KeywordSet": []
}
],
"SegmentSetFileUrl": "xxx/a.mp4",
"SegmentSetFileUrlExpireTime": "2020-09-07T00:00:00+08:00"
},
"ReviewResultSet": [
{
"Type": "Porn.Image",
"PornImageResult": {
"Confidence": 99,
"Suggestion": "block",
"Label": "porn"
},
"TerrorismImageResult": null,
"PoliticalImageResult": null,
"PornOcrResult": null,
"TerrorismOcrResult": null,
"PoliticalOcrResult": null
}
]
}
}
```

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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.InvalidVodUser	The VOD service is not activated.
FailedOperation.MediaType	Operation failed: unsupported media type.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
LimitExceeded	Quota limit is exceeded.
RequestLimitExceeded	Too many requests.
ResourceNotFound	The resource does not exist.

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Parameter Template APIs
CreateWatermarkTemplate

Last updated：2025-04-27 17:14:33

1. API Description

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

This API is used to create a custom watermarking template. Up to 1,000 templates can be created.

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: CreateWatermarkTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Type	Yes	String	Watermarking type. Valid values: • image: image watermark; • text: text watermark; • svg: SVG watermark.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service**

			from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.
Name	No	String	Watermarking template name. Length limit: 64 characters.
Comment	No	String	Template description. Length limit: 256 characters.
CoordinateOrigin	No	String	Origin position. Valid values: • TopLeft: the origin of coordinates is in the top-left corner of the video, and the origin of the watermark is in the top-left corner of the image or text; • TopRight: the origin of coordinates is in the top-right corner of the video, and the origin of the watermark is in the top-right corner of the image or text; • BottomLeft: the origin of coordinates is in the bottom-left corner of the video, and the origin of the watermark is in the bottom-left corner of the image or text; • BottomRight: the origin of coordinates is in the bottom-right corner of the video, and the origin of the watermark is in the bottom-right corner of the image or text. Default value: TopLeft.
XPos	No	String	The horizontal position of the origin of the watermark relative to the origin of coordinates of the video. % and px formats are supported: • If the string ends in %, the `XPos` of the watermark will be the specified percentage of the video width; for example, `10%` means that `XPos` is 10% of the video width; • If the string ends in px, the `XPos` of the watermark will be the specified px; for example, `100px` means that `XPos` is 100 px.

			Default value: 0 px.
YPos	No	String	The vertical position of the origin of the watermark relative to the origin of coordinates of the video. % and px formats are supported: • If the string ends in %, the `YPos` of the watermark will be the specified percentage of the video height; for example, `10%` means that `YPos` is 10% of the video height; • If the string ends in px, the `YPos` of the watermark will be the specified px; for example, `100px` means that `YPos` is 100 px. Default value: 0 px.
ImageTemplate	No	ImageWatermarkInput	Image watermarking template. This field is required when `Type` is `image` and is invalid when `Type` is `text` .
TextTemplate	No	TextWatermarkTemplateInput	Text watermarking template. This field is required when `Type` is `text` and is invalid when `Type` is `image` .
SvgTemplate	No	SvgWatermarkInput	SVG watermarking template. This field is required when `Type` is `svg` and is invalid when `Type` is `image` or `text` .

3. Output Parameters

Parameter Name	Type	Description
Definition	Integer	Unique ID of watermarking template.
ImageUrl	String	Watermark image address. This field is valid only when `Type` is `image` .
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

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4. Example

Example1 Creating a watermark template

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateWatermarkTemplate
&Type=image
&Name=Template 1
&ImageTemplate.ImageContent=/9j/4AAQSkZJRgABAQAAAQABAAD/2wCEAAkGBxITEhUSEhIVFRUXF
RUXFxcYFRUVFRUXFxUXFhUVFxUYHSggGBolHRUXITEhJSkrLi4uFx8zODMtNygtLisBCgoKDg0OGhAQFy
0dHx4tLS0tLS0tLS0tLSstLS0tLS0tLS0tLS0tLS0tLS0tLS0tLTEtLS0tLS0rLS0tKystLf/AABEIAOE
A4AMBIgACEQEDEQH/xAAcAAAABwEBAAAAAAAAAAAAAAAAAQIDBAUGBwj/xABBEAABAwIDBAYHBQYGAwAA
AAABAAIRAwQFITESQVFhBiJxkbHREzJTgaHB8BRCUpKTByNigrLxFTRDcsLhM1Rz/8QAGQEAAgMBAAAAA
AAAAAAAAAAAAAQIAAwQF/8QAJBEAAgIBBAICAwEAAAAAAAAAAAECEQMSITFBBFEiMhMjYXH/2gAMAwEAAh
EDEQA/AIX2+re+vf1+zgQxirgjpt/31+/H/iWfxf4/iiqqrBtbWwKSwKSwKSwKSwKSwKSwKSwKSwKSwK
SwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKS
wKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSw
KSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKSwKS
```

fGPemn9Grb/28+UfNXLQzM/yIdfj+0c9PrRM3lVr27TSDGfNRLjo8I/d1g7hlBVS61q0jviYR0xfBNc1y
XzXyFT4vEab8lOtasgDtUDGclIL5Bm7iSeg3+cYMs2vGfuM/BdWBXKOh73Nque1oJDCJOjZIMxvOS2GAY
xUfXNJzi9samMnDPKN2q1xyxT0mPJgk059GoSkQSgtBkCQSkSIDKIIBGkHEo0EahAst5AkwJ4rP9KLZ4L
Hlvq5GNI3H4LTW9EOOe6D8lcVMOa5oDhLXNAPvyWHNmlGbXR08GCEsSl2QMDrbVJh/hCRjT6jhsU9TlKa
wC3dSY6k7/Te5o5t1ae4hWgcGgk6rK3Tsvq0Zyw6OsZ16xnt0U6titvbjKkC6JgNzjjET3qPija1Uj0e7
Q5w3+KN5U7DcPdRpvYWNq+kBDnGdsyI14J1LV9mBwrhFLd9Lqjmsey3AY9z2tMt2iaeyXZZ7nt71YWlap
DC8bO20OZtAQ6RMBwyUSh0LYBL9viPVAjh4Zq8DS9oa5ztlsACGbIAA0yzOSM1B8IMFO9x+zrEEToZj3a
rRUX5LMW1qZGZIzgnhxhXT6sCAs/BdVlL0hqxmFXmr+7l8nOAwA9Y9vBPYt1pb70ixDxBGcZx8DHNRMjQ
HYbRq29UPLvSuYQxoY8U2EDICBmZykrB18Oq9RpobOy0t2oILpe92048RtbPY0Lp7aj3ZiCAdDuO7sUO6
YSetTk9shaVlpbFDw6ndmPxC2DGt9ASSBDwZLSQNQToUeE19oRUHfl8VpK9m85BoH1wUZ1hsbpSPJYyx0
VmIUBq3cRkNM9TKpcbpTsxxhau7I2fFZvEjpyMpsbK8keg8LBaC1mU5E/JaHo5Qgl34XDzWYwh5LxA35r
V4OYqvpRqA75fNR3qLI1odmuSgiASguucICIpSSVAGVQRoJBgkEaJQJIsndaOPnK04jYA/hCyLTBB4LWW
2bAePkFg8qFO/Z0/CyXFx9FSXj0jgNwgmInWCVL9GCM1GvGQ5x7Pip1IaLIzVwxhtLknWUHbpUkfNOsJK
CHVkdtiD6xntTjLJs6ZeKlbHNIqyeQRbJRGqxOSaeEqqc4RtYUjHiUONU4IISbKvEdqlYvRJGSpretl1g
cjBTJbAkagUmuEjJ3Him3AtOYkcVHwsl4dsuyB6vMfUqwcw6OQ3BQgUwRKgX9LxU0tjRR7t8jNQlGZvNV
m8Q1IWgxMweSz18ZcVfAzTDwLKq1vNbLDqU3sjQUiT+YAeKw+GVIrTwct90ZBc+pV3ENaPiSfirscbyoT
NKsLNAEoIkoLpHHAiKMoioQyqCCASDgRI0FCAV/hF6BTg7j3cFQQpeHv62zucqPIjqh/hp8XJoyb9ljXe
Hh7hqMvhPyUuxdMIqduNh7tBE9pCjYXWiD9clzFudVrcunU5TzKXBJa8EZJbaobmikhuhVRjWCXKqunvf
pIHJIvLsvqbMyBmeSFxdvYOq3ak9yVyTY2mhVnZETKs7bDy4bUgCeKoPtVV8ZAe8g/EJ99+WdVxgoxoDs
dxWm0TnkqO2sgS47iouMX73mGCT8BzKTTFYAAujjuQaChNep6CoHNMAkAjtK1dC4DxDlljh+04Fx2oiFY
Nqmeqcx9Qg2FRLio2FWXZyOfZyTrLwObPuPaod28ZoWRozeLOzKzlc5+8BX186do9qj4Hg32n0gmC1oLT
uDpkTygELViTeyMWWSjuyHaWshzQOsSAO1zgAumYfaClTawbtTxO8qgwno/Ua5vpNkBpByMl0GQNMs1qF
t8fG1bkjD5WROlF7CglAJISgtJkAUkpRSHIkMsEEaIpBwIII0CBJVJ+yQeCSgg1ewU6dotb3FdqnsNBE5
HsTdmeqO7uVcFPsn5HtlY82GMIfE3YM8p5KkXdtcSAmcQu9kbydAOJ0ATAOy7LQ5pqqCarJ4OI7d3iVzr
3o6aJVtS2BBPWdm48+HYEp9QBR6VWRmeKYfeU9xk8vin0g1NkpzphSK9EPIDgDl3qlN7OgA96l22JNAh4
5ZHNPFEaJdagxoMAdqqqqO8v9qWsaR8SQozba4c1z2McQ2ZMRp2oyiwKkt2KfXIChPvIO/MhJuRcgNPoy
doEjIaDwVNQxDaeA4RnCCgBzS4Zp6dTNrhlJ2T/AMT8vekX7oBRUTtFobMbbfhmfBFjOh5mFXJfIfVaK
G/MM7Vf9CKEUXP/ABPPc0AeJKz2MmIHL68Fs8BobFvSb/CHHtd1j4roeIt7OX5j2osUpIBSpXQOcLCNJl
HKhAyUgoyU24qEM2iCNBIMEjRIIBAgggoQMJ+3dBTATjUs46otDQlpkmXPrMBGrU7VbLG1B9x0nsOR8VA
sq8GDoVPtHAFzDo4GPmFxZR0ypndhK1aMz0ntq07VJ5AJMgcI3IdCatL0hpXDBDvUeTMkjNp/CZzWop0A
WZ6iR3KixHCQHF7RkdRwKvhJcCTx6uGdHsrW22mP2WSWwNM4U+jh1tskGlTIk5Fo35/Ncmcyp1DtuGyDs
EE9WdYCsLW5rtZAJkmS7aqAnLfDoO5WxoreGXs6Bh1rRoh7WNaBtl2QG/MeKrrrHLVjHsdVpjrO6u02ZI
k5ayslWq1jT2c2tlxkbQc6c83kklZ64tw0yBHie1BugxwN8sn430oDzSNNmWw/bDsnNJgNAGk5EqowLCh
653ccyY3k8UdKxJIMZeKums2QBuVUp7UiyONJj1qAHTwBPvOSq7yrtP5DNO17iAQN+Sp7+42WnmqkrY8n
SIzqZr3DaY3uA7B9490rojRGQ3LMdDsN2Wmu4ZuyZybvd7/Ac1p11/HhpicTycmqW3QYSpSQjC0GcUEpJ
RqEAU25KJSHFQhnUEESQcNEgggQCCCChAwnGpsJ1qgB+i2dNfrJSaNTLm0pWG2pc19TdT2Af5zA8Em5pl
p2h71zPKj+w6/iS/Wi0FQZOHquS30pCh2Lw4Fh0OY5FTKVQxBWc1FdcWhGbe5OW9zs6thT3AHI78kxWtW
lWRmyPgYu7wuECFV/ZOOZVv6BrfqU3UA3ITk2SOxXGiGqJdVsslZVmKqqDPsVaCyBdOg5lUGIV9olS8Yu
syAqsK+EezNkl0dQsKezTY3gxo7mhSFGsq4cwHkJ7lIBXYjwcWXLFApUpCOURRcoSkyjKgQim3FKcU28q
AKJEggkLAIkaJAgaJBBQgoJF3dCkwvO7QcTuCMuAEkwOKyuNYj6R2XqtmBx5oSdBjG2dQ6D2z3YVXrPku
q1S/8AlZDRHKWlEWghbXofhwp2NGiRl6FocOJLZd8SVlbq19HVfSdq05TvafVcPrisHkrs6XivopgCx3K
VaEzBG9Ir20qMKux1XabvJZas13ROmDmlGCNVFbV2s1Ip00VFh1obc0HTxTTwpDxHkodUgcvei4k1ke4q
ZGVn7y4hriVJxO9gQDos5d1zUMDTfzQUBZTvYr3AvcSnBRJIaBmSAO0mApbKELQ9CMGNWv6QjqUsyeLvu
j59yvi9TKZLTGyu6QXrrK7pkSWGmGPb+INOvaNpbCjVDmh7TIcAQeIKx/7UqPXpu5uHfBHgmugmOAD7NU
O+aZPxZ8wt+OVbM5uaF7o3ISkiUcq8zCkZKTKIlEgHFNPKW4pmoVCFMECggqiwCCbrVmtEucAOZVVddIG
DJg2jx0b5oNpBSbLlQL3FadPftO4DM+/gs3d4xUqZF0DgMgoYCRz9Fix+ywvMRfV1yG5o09/FR6TJIB+8
5o7yAk7k/ZD95T/+lP8ArCQs4PUtmyGAcgq/pBg4rtBbAqt9U8eLTyPwVnS0TiElezHi63RznZIJa4Frg

```
YIOoKaubYHI6FbXG8IFYbTYbUGh3OH4Xcue5ZSs0tJa5pDhqDu8xzWGeNwf8N0Mimv6Z+pbPYcsxzTTsQ
IyIzV86kN6iXFkDuS6qG0lK/ETrKi3N4SFNu8NnTvUf/DQOfajriDQ/ZnbtxPZohZ2ytbi1CXa2ZyAEkm
ABqTuA5qOTaCopMjULF1R7abBLnGAO3eeQ811CxwtttQFJva4/icdSU70V6NC2Z6WoAarh27A/CD4lWFZ
m3PBbMGLSrZkz5NTpHJv2n2802Hg8eXzXMnGDIy4bl1z9pNL92Qd0HuK5HWGasfJQjZ4D01iGXPICoP+Q
+YWytbtlQbTHBw4ggriyftbp9M7VN7mHi0kf3TxyNclcsKfB2iUCVzuw6a12ZVWioOPqu7xkVo7HpfbVM
i403cHiB+bRXKcWUvFJdF84pmqckbaocJaQQd4IITdY5FOV0ViS/RBBVMtRjcT/wDIVXVNUaCpkaIcBUN
U/wAEEEiGY4dFJtvWZ/vb/UESCZCs9T2+gTqCCD5GXASyfS7/AMzP9jv6gggqs30Zdh+xSnROhBBY2bey
LdfNVlT5o0FX2ErKytuiP+cp/wA39KCCvx/ZFc/qzp196qi0tEaC6SOccu/aX6r/AK3rkFb1j2oIJZEQ2
jQQSjD7Uh6CCgF2aHoN65W7r+qUEFqhwZZ8n//Z
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 1001,
"ImageUrl": "http://1256768367.vod2.myqcloud.com/8b0dd2b5vodcq1256768367/4d27b39f
5285890783754292994/aa.jpeg",
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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

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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.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InternalError.GenDefinition	Internal error: failed to generate template ID.
InternalError.UploadWatermarkError	Internal error: failed to upload watermark image.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.CoordinateOrigin	Incorrect parameter value: CoordinateOrigin.
InvalidParameterValue.Height	Invalid parameter: height.
InvalidParameterValue.ImageContent	Invalid `ImageContent`.
InvalidParameterValue.ImageTemplate	Invalid parameter: image watermarking template.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.RepeatType	Invalid parameter: invalid `RepeatType`.
InvalidParameterValue.SvgTemplate	Incorrect parameter value: SVG is empty.
InvalidParameterValue.SvgTemplateHeight	Incorrect parameter value: SVG height.
InvalidParameterValue.SvgTemplateWidth	Incorrect parameter value: SVG width.
InvalidParameterValue.TextAlpha	Invalid parameter: text transparency.
InvalidParameterValue.TextTemplate	Invalid parameter: text template.
InvalidParameterValue.Type	Incorrect `Type` parameter value.
InvalidParameterValue.Width	Invalid parameter: width.
InvalidParameterValue.XPos	The horizontal position of the origin of the watermark relative to the origin of coordinates of the video. % and px formats are supported.

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InvalidParameterValue.YPos	The vertical position of the origin of the watermark relative to the origin of coordinates of the video. % and px formats are supported.
LimitExceeded.TooMuchTemplate	Limit exceeded: The number of templates exceeds the upper limit of 100. If you need more, pleaseSubmit a ticket.
UnauthorizedOperation	Unauthorized operation.

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CreateSnapshotByTimeOffsetTemplate

Last updated：2025-04-27 17:14:34

1. API Description

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

This API is used to create a custom time point screencapturing template. Up to 16 templates can be created.

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: CreateSnapshotByTimeOffsetTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Name	No	String	Name of a time point screencapturing template. Length limit: 64 characters.
Width	No	Integer	Maximum value of the width (or long side) of a screenshot in px. Value range: 0 and [128, 4,096].

			• If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
Height	No	Integer	Maximum value of the height (or short side) of a screenshot in px. Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
ResolutionAdaptive	No	String	Resolution adaption. Valid values: • open: enabled. In this case, `Width` represents the long side of a video, while `Height` the short side; • close: disabled. In this case, `Width` represents the width of a video, while `Height` the height. Default value: open.
Format	No	String	Image format. Valid values: jpg, png. Default value: jpg.
Comment	No	String	Template description. Length limit: 256 characters.
FillType	No	String	Fill type. "Fill" refers to the way of processing a screenshot when its aspect ratio is different from that of the source video. The following fill types are supported: • stretch: stretch. The screenshot will be stretched frame by frame to match the aspect ratio of the source video, which may make the screenshot "shorter" or "longer"; • black: fill with black. This option retains the aspect ratio of the source video for the screenshot and fills the unmatched area with black color blocks.

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			• white: fill with white. This option retains the aspect ratio of the source video for the screenshot and fills the unmatched area with white color blocks. • gauss: fill with Gaussian blur. This option retains the aspect ratio of the source video for the screenshot and fills the unmatched area with Gaussian blur. Default value: black.

3. Output Parameters

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

4. Example

Example1 Creating a time point screenshot template

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateSnapshotByTimeOffsetTemplate
&Name=Time point screenshot template 1
&Width=540
&Height=960
&Format=jpg
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 1008,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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 .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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.Format	Incorrect parameter value: Format.
InvalidParameterValue.Height	Invalid parameter: height.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.Resolution	Invalid parameter: incorrect resolution.

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InvalidParameterValue.Width	Invalid parameter: width.
LimitExceeded.TooMuchTemplate	Limit exceeded: The number of templates exceeds the upper limit of 100. If you need more, pleaseSubmit a ticket.
UnauthorizedOperation	Unauthorized operation.

CreateSampleSnapshotTemplate

Last updated：2025-04-27 17:14:35

1. API Description

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

This API is used to create a custom sampled screencapturing template. Up to 16 templates can be created.

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: CreateSampleSnapshotTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SampleType	Yes	String	Sampled screencapturing type. Valid values: • Percent: by percent. • Time: by time interval.
SampleInterval	Yes	Integer	Sampling interval. • If `SampleType` is `Percent`, sampling will be performed at an interval of the specified percentage. • If `SampleType` is `Time`, sampling will be performed at the specified time interval in seconds.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access**

			resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.
Name	No	String	Name of a sampled screencapturing template. Length limit: 64 characters.
Width	No	Integer	Maximum value of the width (or long side) of a screenshot in px. Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
Height	No	Integer	Maximum value of the height (or short side) of a screenshot in px. Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
ResolutionAdaptive	No	String	Resolution adaption. Valid values: • open: enabled. In this case, `Width` represents the long side of a video, while `Height` the short side; • close: disabled. In this case, `Width` represents the width of a video, while `Height` the height. Default value: open.
Format	No	String	Image format. Valid values: jpg, png. Default value: jpg.
Comment	No	String	Template description. Length limit: 256 characters.
FillType	No	String	Fill type. "Fill" refers to the way of processing a screenshot

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			when its aspect ratio is different from that of the source video. The following fill types are supported: • stretch: stretch. The screenshot will be stretched frame by frame to match the aspect ratio of the source video, which may make the screenshot "shorter" or "longer"; • black: fill with black. This option retains the aspect ratio of the source video for the screenshot and fills the unmatched area with black color blocks. • white: fill with white. This option retains the aspect ratio of the source video for the screenshot and fills the unmatched area with white color blocks. • gauss: fill with Gaussian blur. This option retains the aspect ratio of the source video for the screenshot and fills the unmatched area with Gaussian blur. Default value: black.

3. Output Parameters

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

4. Example

Example1 Creating a sampled screenshot template (with dimensions specified)

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateSampleSnapshotTemplate
&Name=Screenshot with specific dimensions
&Width=540
&Height=960
&SampleType=Percent
&SampleInterval=10
&Format=jpg
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 1008,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

Example2 Creating a sampled screenshot template (with the long side of the screenshot specified)

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateSampleSnapshotTemplate
&Name=Screencapture by image long side
&Width=1920
&Height=0
&SampleType=Percent
&SampleInterval=10
&Format=jpg
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 1009,
"RequestId": "45ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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 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.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.Format	Incorrect parameter value: Format.
InvalidParameterValue.Height	Invalid parameter: height.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.Resolution	Invalid parameter: incorrect resolution.
InvalidParameterValue.SampleInterval	Incorrect parameter value: SampleInterval.
InvalidParameterValue.SampleType	Incorrect parameter value: SampleType.
InvalidParameterValue.Width	Invalid parameter: width.
LimitExceeded.TooMuchTemplate	Limit exceeded: The number of templates exceeds the upper limit of 100. If you need more, pleaseSubmit a ticket.
UnauthorizedOperation	Unauthorized operation.

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CreateImageSpriteTemplate

Last updated：2025-04-27 17:14:36

1. API Description

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

This API is used to create a custom image sprite generating template. Up to 16 templates can be created.

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: CreateImageSpriteTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SampleType	Yes	String	Sampling type. Valid values: • Percent: by percent. • Time: by time interval.
SampleInterval	Yes	Integer	Sampling interval. • If `SampleType` is `Percent`, sampling will be performed at an interval of the specified percentage. • If `SampleType` is `Time`, sampling will be performed at the specified time interval in seconds.
RowCount	Yes	Integer	The number of rows of small images in the sprite image. Note: The number of rows of the small image will affect the

			height of the final large image. The maximum height of the large image is 15,000 pixels. The height of the large image is the product of the number of rows of the small image and the height of the small image.
ColumnCount	Yes	Integer	The number of columns of small images in the sprite image. Note: The number of columns of the small image will affect the width of the final large image. The maximum width of the large image is 15,000 pixels. The width of the large image is the product of the number of columns of the small image and the width of the small image.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Name	No	String	Name of an image sprite generating template. Length limit: 64 characters.
Comment	No	String	Template description. Length limit: 256 characters.
FillType	No	String	Fill type. "Fill" refers to the way of processing a screenshot when its aspect ratio is different from that of the source video. The following fill types are supported: • stretch: stretch. The screenshot will be stretched frame by frame to match the aspect ratio of the source video, which may make the screenshot "shorter" or "longer"; • black: fill with black. This option retains the aspect ratio of the source video for the screenshot and fills the unmatched area with black color blocks. Default value: black.
Width	No	Integer	The maximum value of the width (or long side) of the small image in the sprite image, value range: 0 and [128, 4096], unit: px. • When Width and Height are both 0, the resolution is from the same source; • When Width is 0 and Height is non-0, Width is scaled proportionally; < li>When Width is non-0 and Height is 0, the Height is scaled proportionally;

			• When both Width and Height are non-0, the resolution is specified by the user. Default value: 0. Note: The width of the small image will affect the width of the final large image. The maximum width of the large image is 15,000 pixels. The width of the large image is the product of the number of columns of the small image and the width of the small image.
Height	No	Integer	The maximum value of the height (or short side) of the small image in the sprite image, value range: 0 and [128, 4096], unit: px. • When Width and Height are both 0, the resolution is from the same source; • When Width is 0 and Height is non-0, Width is scaled proportionally; < li>When Width is non-0 and Height is 0, the Height is scaled proportionally; • When both Width and Height are non-0, the resolution is specified by the user. Default value: 0. Note: The height of the small image will affect the height of the final large image. The maximum height of the large image is 15,000 pixels. The height of the large image is the product of the number of rows of the small image and the height of the small image.
ResolutionAdaptive	No	String	Resolution adaption. Valid values: • open: enabled. In this case, `Width` represents the long side of a video, while `Height` the short side; • close: disabled. In this case, `Width` represents the width of a video, while `Height` the height. Default value: open.
Format	No	String	The image format. Valid values: • jpg • png • webp Default: jpg

3. Output Parameters

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

4. Example

Example1 CreateImageSpriteTemplate

Create Image Sprite Template

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateImageSpriteTemplate
<Public Request Parameter>

{
"ColumnCount": "10",
"Name": "Sprite chart template 1",
"RowCount": "5",
"SampleType": "Percent",
"Height": "128",
"Width": "128",
"SampleInterval": "10"
}
```

Output Example

```
{
"Response": {
"Definition": 1008,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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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.
InvalidParameterValue.ColumnCount	Incorrect parameter value: ColumnCount.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.Height	Invalid parameter: height.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.Resolution	Invalid parameter: incorrect resolution.
InvalidParameterValue.RowCount	Incorrect parameter value: RowCount.

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InvalidParameterValue.SampleInterval	Incorrect parameter value: SampleInterval.
InvalidParameterValue.SampleType	Incorrect parameter value: SampleType.
InvalidParameterValue.Width	Invalid parameter: width.
LimitExceeded.TooMuchTemplate	Limit exceeded: The number of templates exceeds the upper limit of 100. If you need more, pleaseSubmit a ticket.
UnauthorizedOperation	Unauthorized operation.

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CreateAnimatedGraphicsTemplate

Last updated：2025-04-27 17:14:37

1. API Description

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

This API is used to create a custom animated image generating template. Up to 16 templates can be created.

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: CreateAnimatedGraphicsTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Fps	Yes	Integer	Video frame rate in Hz. Value range: [1, 30].
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Width	No	Integer	Maximum value of the width (or long side) of an animated image in px. Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video;

			• If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
Height	No	Integer	Maximum value of the height (or short side) of an animated image in px. Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
ResolutionAdaptive	No	String	Resolution adaption. Valid values: • open: enabled. In this case, `Width` represents the long side of a video, while `Height` the short side; • close: disabled. In this case, `Width` represents the width of a video, while `Height` the height. Default value: open.
Format	No	String	Animated image format. Valid values: gif; webp. Default value: gif.
Quality	No	Float	Image quality. Value range: [1, 100]. Default value: 75.
Name	No	String	Name of an animated image generating template. Length limit: 64 characters.
Comment	No	String	Template description. Length limit: 256 characters.

3. Output Parameters

Parameter Name	Type	Description

Definition	Integer	Unique ID of an animated image generating template.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating an animated image generating template

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateAnimatedGraphicsTemplate
&Name=Animated image generating template 1
&Width=540
&Height=960
&Format=gif
&Fps=30
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 1008,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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 PHP
- Tencent Cloud SDK 3.0 for Go

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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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.Format	Incorrect parameter value: Format.
InvalidParameterValue.FormatWebpLackWidthAndHeight	Incorrect parameter value: `Format` is `webp`, but both `Width` and `Height` are empty.
InvalidParameterValue.FormatWebpWidthAndHeightBothZero	Incorrect parameter value: when `Format` is `webp`, `Width` and `Height` cannot be both 0.
InvalidParameterValue.Fps	Invalid parameter: video frame rate.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.Quality	Incorrect parameter value: Quality.
InvalidParameterValue.Resolution	Invalid parameter: incorrect resolution.
LimitExceeded.TooMuchTemplate	Limit exceeded: The number of templates exceeds the upper limit of 100. If you need more, pleaseSubmit a ticket.

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UnauthorizedOperation	Unauthorized operation.

CreateAdaptiveDynamicStreamingTemplate

Last updated：2025-04-27 17:14:38

1. API Description

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

This API is used to create an adaptive bitrate streaming template. Up to 100 templates can be created.

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 fo API: CreateAdaptiveDynamicStreamingT
Version	Yes	String	Common Params. The value used fo API: 2018-07-17.
Region	No	String	Common Params. This parameter is required.
Format	Yes	String	The adaptive bitrate streaming forma values: • HLS • MPEG-DASH
StreamInfos.N	Yes	Array of AdaptiveStreamTemplate	Parameter information of output subs for adaptive bitrate streaming. Up to substreams can be output. Note: the frame rate of all substream

			be the same; otherwise, the frame ra first substream will be used as the ou frame rate.
SubAppId	No	Integer	**The VOD application ID. For cust who activate VOD service from December 25, 2023, if they want t access resources in a VOD appli (whether it's the default applicati newly created one), they must fill field with the application ID.**
Name	No	String	Template name. Length limit: 64 cha
DrmType	No	String	DRM scheme type, value range: • SimpleAES • Widevine • FairPlay The default value is an empty string. empty string, indicating that the vide be DRM protected.
DrmKeyProvider	No	String	The provider of the DRM key. Valid v • SDMC • VOD The default is `VOD` .
DisableHigherVideoBitrate	No	Integer	Whether to prohibit transcoding vide low bitrate to high bitrate. Valid value • 0: no, • 1: yes. Default value: no.
DisableHigherVideoResolution	No	Integer	Whether to prohibit transcoding from resolution to high resolution. Valid va • 0: no, • 1: yes. Default value: no.
Comment	No	String	Template description. Length limit: 2 characters.
SegmentType	No	String	The segment type. This parameter is

			only if `Format` is `HLS`. Valid va • ts: TS segment • fmp4: fMP4 segment Default: ts

3. Output Parameters

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

4. Example

Example1 CreateAdaptiveDynamicStreamingTemplate

Create Adaptive Dynamic Streaming Template.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateAdaptiveDynamicStreamingTemplate
<Public Request Parameter>

{
"StreamInfos": [
{
"Audio": {
"SampleRate": "44100",
"Codec": "flac",
"Bitrate": "1024"
},
"Video": {
"Codec": "libx264",
"Bitrate": "2000",
```

```
"Fps": "25"
}
}
],
"Name": "Adaptive Bitrate Streaming Template1",
"Format": "HLS"
}
```

Output Example

```
{
"Response": {
"Definition": 30018,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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.InvalidVodUser	The VOD service is not activated.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.Bitrate	Invalid audio/video bitrate.
InvalidParameterValue.Codec	Invalid audio/video codec.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.DisableHigherVideoBitrate	Invalid value of the switch for prohibiting transcoding from low bitrate to high bitrate.
InvalidParameterValue.DisableHigherVideoResolution	Invalid value of the switch for prohibiting transcoding from low resolution to high resolution.
InvalidParameterValue.DrmType	Invalid DRM type.
InvalidParameterValue.FillType	Invalid parameter: incorrect fill type.
InvalidParameterValue.Format	Incorrect parameter value: Format.
InvalidParameterValue.Fps	Invalid parameter: video frame rate.
InvalidParameterValue.Height	Invalid parameter: height.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.RemoveAudio	Incorrect parameter value: RemoveAudio.
InvalidParameterValue.SampleRate	Invalid audio sample rate.
InvalidParameterValue.SoundSystem	Incorrect parameter: audio channel system.
InvalidParameterValue.Width	Invalid parameter: width.
LimitExceeded.TooMuchTemplate	Limit exceeded: The number of templates exceeds the upper limit of 100. If you need more, pleaseSubmit a ticket.

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CreateAIAnalysisTemplate

Last updated：2025-04-27 17:14:39

1. API Description

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

This API is used to create a custom video content analysis template. Up to 50 templates can be created.

A maximum of 10 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: CreateAIAnalysisTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Name	No	String	Video content analysis template name.

			Length limit: 64 characters.
Comment	No	String	Video content analysis template description. Length limit: 256 characters.
ClassificationConfigure	No	ClassificationConfigureInfo	Control parameter of intelligent categorization task.
TagConfigure	No	TagConfigureInfo	Control parameter of intelligent tagging task.
CoverConfigure	No	CoverConfigureInfo	Control parameter of intelligent cover generating task.
FrameTagConfigure	No	FrameTagConfigureInfo	Control parameter of intelligent frame-specific tagging task.
HighlightConfigure	No	HighlightsConfigureInfo	Control parameter of an intelligent highlight generating task.

3. Output Parameters

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

4. Example

Example1 Creating a template for a specified analysis task

This example shows you how to create a custom video content analysis template to enable intelligent categorization tasks.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateAIAnalysisTemplate
&Name=Intelligent analysis template
```

```
&Comment=Template 1
&ClassificationConfigure.Switch=ON
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 30,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

Example2 Creating a template to enable all content analysis tasks

This example shows you how to create a custom video content analysis template to enable all intelligent analysis tasks.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateAIAnalysisTemplate
&Name=Intelligent analysis template
&Comment=Template 3
&ClassificationConfigure.Switch=ON
&FrameTagConfigure.Switch=ON
&CoverConfigure.Switch=NO
&FrameTagConfigure.Switch=ON
&FrameTagConfigure.ScreenshotInterval=0.5
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 33,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

Example3 Creating a template for multiple analysis tasks

This example shows you how to create a custom video content analysis template to enable intelligent categorization and intelligent tagging tasks.

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Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateAIAnalysisTemplate
&Name=Intelligent analysis template
&Comment=Template 2
&ClassificationConfigure.Switch=ON
&FrameTagConfigure.Switch=ON
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 31,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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

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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.ClassifcationConfigure	The control field parameter for intelligent categorization is incorrect.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.CoverConfigure	The control field parameter for intelligent cover generation is incorrect.
InvalidParameterValue.Definition	Invalid parameter: Definition.
InvalidParameterValue.FrameTagConfigure	The control field parameter for intelligent frame-specific tagging is incorrect.
InvalidParameterValue.HighlightConfigure	Invalid intelligent highlight generating control parameter.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.TagConfigure	The control field parameter for intelligent tagging is incorrect.
LimitExceeded.TooMuchTemplate	Limit exceeded: The number of templates exceeds the upper limit of 100. If you need more, pleaseSubmit a ticket.
UnauthorizedOperation	Unauthorized operation.

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ModifyWatermarkTemplate

Last updated：2025-04-24 16:46:56

1. API Description

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

This API is used to modify a custom watermarking template. The watermark type cannot be modified.

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: ModifyWatermarkTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of watermarking template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the**

			default application or a newly created one), they must fill in this field with the application ID.
Name	No	String	Watermarking template name. Length limit: 64 characters.
Comment	No	String	Template description. Length limit: 256 characters.
CoordinateOrigin	No	String	Origin position. Valid values: • TopLeft: the origin of coordinates is in the top-left corner of the video, and the origin of the watermark is in the top-left corner of the image or text; • TopRight: the origin of coordinates is in the top-right corner of the video, and the origin of the watermark is in the top-right corner of the image or text; • BottomLeft: the origin of coordinates is in the bottom-left corner of the video, and the origin of the watermark is in the bottom-left corner of the image or text; • BottomRight: the origin of coordinates is in the bottom-right corner of the video, and the origin of the watermark is in the bottom-right corner of the image or text.
XPos	No	String	The horizontal position of the origin of the watermark relative to the origin of coordinates of the video. % and px formats are supported: • If the string ends in %, the `XPos` of the watermark will be the specified percentage of the video width; for example,

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			`10%` means that `XPos` is 10% of the video width; • If the string ends in px, the `XPos` of the watermark will be the specified px; for example, `100px` means that `XPos` is 100 px.
YPos	No	String	The vertical position of the origin of the watermark relative to the origin of coordinates of the video. % and px formats are supported: • If the string ends in %, the `YPos` of the watermark will be the specified percentage of the video height; for example, `10%` means that `YPos` is 10% of the video height; • If the string ends in px, the `YPos` of the watermark will be the specified px; for example, `100px` means that `YPos` is 100 px.
ImageTemplate	No	ImageWatermarkInputForUpdate	Image watermarking template. This field is valid only for image watermarking templates.
TextTemplate	No	TextWatermarkTemplateInputForUpdate	Text watermarking template. This field is valid only for text watermarking templates.
SvgTemplate	No	SvgWatermarkInputForUpdate	SVG watermarking template. This field is only valid for SVG watermarking templates.

3. Output Parameters

Parameter Name	Type	Description
ImageUrl	String	Image watermark address. This field has a value only when

		`ImageTemplate.ImageContent` is not empty. Note: this field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying a watermark template

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyWatermarkTemplate
&Definition=1001
&Name=Template 2
&<Common request parameters>
```

Output Example

```
{
"Response": {
"ImageUrl": null,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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
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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

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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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InternalError.UploadWatermarkError	Internal error: failed to upload watermark image.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.CoordinateOrigin	Incorrect parameter value: CoordinateOrigin.
InvalidParameterValue.Height	Invalid parameter: height.
InvalidParameterValue.ImageContent	Invalid `ImageContent`.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.RepeatType	Invalid parameter: invalid `RepeatType`.
InvalidParameterValue.SvgTemplateHeight	Incorrect parameter value: SVG height.
InvalidParameterValue.SvgTemplateWidth	Incorrect parameter value: SVG width.
InvalidParameterValue.TextAlpha	Invalid parameter: text transparency.
InvalidParameterValue.Type	Incorrect `Type` parameter value.
InvalidParameterValue.Width	Invalid parameter: width.
InvalidParameterValue.XPos	The horizontal position of the origin of the watermark relative to the origin of coordinates of the video. % and px formats are supported.

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InvalidParameterValue.YPos	The vertical position of the origin of the watermark relative to the origin of coordinates of the video. % and px formats are supported.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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ModifySnapshotByTimeOffsetTemplate

Last updated：2025-04-24 16:46:58

1. API Description

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

This API is used to modify a custom time point screencapturing template.

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: ModifySnapshotByTimeOffsetTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of a specified time point screencapturing template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Name	No	String	Name of a time point screencapturing template. Length limit: 64 characters.
Width	No	Integer	Maximum value of the width (or long side) of a screenshot in px.

			Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
Height	No	Integer	Maximum value of the height (or short side) of a screenshot in px. Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
ResolutionAdaptive	No	String	Resolution adaption. Valid values: • open: enabled. In this case, `Width` represents the long side of a video, while `Height` the short side; • close: disabled. In this case, `Width` represents the width of a video, while `Height` the height. Default value: open.
Format	No	String	Image format. Valid values: jpg, png.
Comment	No	String	Template description. Length limit: 256 characters.
FillType	No	String	Fill type. "Fill" refers to the way of processing a screenshot when its aspect ratio is different from that of the source video. The following fill types are supported: • stretch: stretch. The screenshot will be stretched frame by frame to match the aspect ratio of the source video, which may make the screenshot "shorter" or "longer"; • black: fill with black. This option retains the aspect ratio of the source video for the screenshot and fills the unmatched area with black color blocks.

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			• white: fill with white. This option retains the aspect ratio of the source video for the screenshot and fills the unmatched area with white color blocks. • gauss: fill with Gaussian blur. This option retains the aspect ratio of the source video for the screenshot and fills the unmatched area with Gaussian blur. Default value: black.

3. Output Parameters

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

4. Example

Example1 Modifying a time point screenshot template

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifySnapshotByTimeOffsetTemplate
&Definition=10001
&Name=Time point screenshot template 1
&Width=540
&Height=960
&Format=jpg
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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 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.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.Format	Incorrect parameter value: Format.
InvalidParameterValue.Height	Invalid parameter: height.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.Width	Invalid parameter: width.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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ModifySampleSnapshotTemplate

Last updated：2025-04-24 16:46:59

1. API Description

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

This API is used to modify a custom sampled screencapturing template.

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: ModifySampleSnapshotTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of a sampled screencapturing template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Name	No	String	Name of a sampled screencapturing template. Length limit: 64 characters.
Width	No	Integer	Maximum value of the width (or long side) of a screenshot in px.

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			Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
Height	No	Integer	Maximum value of the height (or short side) of a screenshot in px. Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
ResolutionAdaptive	No	String	Resolution adaption. Valid values: • open: enabled. In this case, `Width` represents the long side of a video, while `Height` the short side; • close: disabled. In this case, `Width` represents the width of a video, while `Height` the height. Default value: open.
SampleType	No	String	Sampled screencapturing type. Valid values: • Percent: by percent. • Time: by time interval.
SampleInterval	No	Integer	Sampling interval. • If `SampleType` is `Percent`, sampling will be performed at an interval of the specified percentage. • If `SampleType` is `Time`, sampling will be performed at the specified time interval in seconds.
Format	No	String	Image format. Valid values: jpg, png.
Comment	No	String	Template description. Length limit: 256 characters.

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FillType	No	String	Fill type. "Fill" refers to the way of processing a screenshot when its aspect ratio is different from that of the source video. The following fill types are supported: • stretch: stretch. The screenshot will be stretched frame by frame to match the aspect ratio of the source video, which may make the screenshot "shorter" or "longer"; • black: fill with black. This option retains the aspect ratio of the source video for the screenshot and fills the unmatched area with black color blocks. • white: fill with white. This option retains the aspect ratio of the source video for the screenshot and fills the unmatched area with white color blocks. • gauss: fill with Gaussian blur. This option retains the aspect ratio of the source video for the screenshot and fills the unmatched area with Gaussian blur. Default value: black.

3. Output Parameters

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

4. Example

Example1 Modifying a sampled screenshot template

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifySampleSnapshotTemplate
&Definition=10001
&Name=Sampled screenshot template 1
&Width=540
&Height=960
&SampleType=Percent
&SampleInterval=10
```

```
&Format=jpg
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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 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.
InvalidParameterValue.Comment	Invalid parameter: template description.

InvalidParameterValue.Format	Incorrect parameter value: Format.
InvalidParameterValue.Height	Invalid parameter: height.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.SampleInterval	Incorrect parameter value: SampleInterval.
InvalidParameterValue.SampleType	Incorrect parameter value: SampleType.
InvalidParameterValue.Width	Invalid parameter: width.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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ModifyImageSpriteTemplate

Last updated：2025-04-24 16:47:01

1. API Description

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

This API is used to modify a custom image sprite generating template.

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: ModifyImageSpriteTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of an image sprite generating template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Name	No	String	Name of an image sprite generating template. Length limit: 64 characters.
Width	No	Integer	Subimage width of an image sprite in px. Value range: [128,

			4,096].
Height	No	Integer	Subimage height of an image sprite in px. Value range: [128, 4,096].
ResolutionAdaptive	No	String	Resolution adaption. Valid values: • open: enabled. In this case, `Width` represents the long side of a video, while `Height` the short side; • close: disabled. In this case, `Width` represents the width of a video, while `Height` the height. Default value: open.
SampleType	No	String	Sampling type. Valid values: • Percent: by percent. • Time: by time interval.
SampleInterval	No	Integer	Sampling interval. • If `SampleType` is `Percent`, sampling will be performed at an interval of the specified percentage. • If `SampleType` is `Time`, sampling will be performed at the specified time interval in seconds.
RowCount	No	Integer	Subimage row count of an image sprite.
ColumnCount	No	Integer	Subimage column count of an image sprite.
FillType	No	String	Fill type. "Fill" refers to the way of processing a screenshot when its aspect ratio is different from that of the source video. The following fill types are supported: • stretch: stretch. The screenshot will be stretched frame by frame to match the aspect ratio of the source video, which may make the screenshot "shorter" or "longer"; • black: fill with black. This option retains the aspect ratio of the source video for the screenshot and fills the unmatched area with black color blocks. Default value: black.
Comment	No	String	Template description. Length limit: 256 characters.
Format	No	String	The image format. Valid values: • jpg • png • webp

3. Output Parameters

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

4. Example

Example1 Modifying an image sprite generating template

Input Example

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

{
"ColumnCount": "10",
"Definition": "10001",
"Name": "Image sprite generating template 1",
"RowCount": "5",
"SampleType": "Percent",
"Height": "128",
"Width": "128",
"SampleInterval": "10"
}
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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	Internal error.
InvalidParameterValue.ColumnCount	Incorrect parameter value: ColumnCount.
InvalidParameterValue.Height	Invalid parameter: height.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.Resolution	Invalid parameter: incorrect resolution.
InvalidParameterValue.RowCount	Incorrect parameter value: RowCount.
InvalidParameterValue.SampleInterval	Incorrect parameter value: SampleInterval.
InvalidParameterValue.SampleType	Incorrect parameter value: SampleType.
InvalidParameterValue.Width	Invalid parameter: width.

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ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

ModifyAnimatedGraphicsTemplate

Last updated：2025-04-24 16:47:03

1. API Description

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

This API is used to modify a custom animated image generating template.

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: ModifyAnimatedGraphicsTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of an animated image generating template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Name	No	String	Name of an animated image generating template. Length limit: 64 characters.
Width	No	Integer	Maximum value of the width (or long side) of an animated image

			in px. Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
Height	No	Integer	Maximum value of the height (or short side) of an animated image in px. Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
ResolutionAdaptive	No	String	Resolution adaption. Valid values: • open: enabled. In this case, `Width` represents the long side of a video, while `Height` the short side; • close: disabled. In this case, `Width` represents the width of a video, while `Height` the height. Default value: open.
Format	No	String	Animated image format. Valid values: gif, webp.
Fps	No	Integer	Video frame rate in Hz. Value range: [1, 30].
Quality	No	Float	Image quality. Value range: [1, 100]. Default value: 75.
Comment	No	String	Template description. Length limit: 256 characters.

3. Output Parameters

Parameter	Type	Description

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

4. Example

Example1 Modifying an animated image generating template

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyAnimatedGraphicsTemplate
&Definition=10001
&Name=Animated image generating template 1
&Width=540
&Height=960
&Fps=30
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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

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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.
InternalError	Internal error.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.Format	Incorrect parameter value: Format.
InvalidParameterValue.FormatWebpLackWidthAndHeight	Incorrect parameter value: `Format` is `webp`, but both `Width` and `Height` are empty.
InvalidParameterValue.FormatWebpWidthAndHeightBothZero	Incorrect parameter value: when `Format` is `webp`, `Width` and `Height` cannot be both 0.
InvalidParameterValue.Fps	Invalid parameter: video frame rate.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.Quality	Incorrect parameter value: Quality.
InvalidParameterValue.Resolution	Invalid parameter: incorrect resolution.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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ModifyAdaptiveDynamicStreamingTemplate

Last updated：2025-04-24 16:47:04

1. API Description

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

This API is used to modify an adaptive bitrate streaming 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 fo API: ModifyAdaptiveDynamicStreamingT
Version	Yes	String	Common Params. The value used fo API: 2018-07-17.
Region	No	String	Common Params. This parameter is required.
Definition	Yes	Integer	Unique ID of adaptive bitrate streami template.
SubAppId	No	Integer	**The VOD application ID. For cust who activate VOD service from December 25, 2023, if they want t access resources in a VOD appli (whether it's the default applicati**

			newly created one), they must fill field with the application ID.
Name	No	String	Template name. Length limit: 64 cha
Format	No	String	The adaptive bitrate streaming forma values: • HLS • MPEG-DASH
DisableHigherVideoBitrate	No	Integer	Whether to prohibit transcoding vide low bitrate to high bitrate. Valid value • 0: no, • 1: yes.
DisableHigherVideoResolution	No	Integer	Whether to prohibit transcoding from resolution to high resolution. Valid va • 0: no, • 1: yes.
StreamInfos.N	No	Array of AdaptiveStreamTemplate	Parameter information of input strear adaptive bitrate streaming. Up to 10 can be input. Note: the frame rate of all streams m the same; otherwise, the frame rate c first stream will be used as the outpu rate.
Comment	No	String	Template description. Length limit: 2 characters.
SegmentType	No	String	The segment type. This parameter is only if `Format` is `HLS`. Valid va • ts: TS segment • fmp4: fMP4 segment

3. Output Parameters

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

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4. Example

Example1 Modifying an adaptive bitrate streaming template

Input Example

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

{
"Definition": "10038",
"StreamInfos": [
{
"Audio": {
"SampleRate": "44100",
"Codec": "flac",
"Bitrate": "1000"
},
"Video": {
"Codec": "libx264",
"Bitrate": "2000",
"Fps": "25"
}
}
],
"Name": "Adaptive bitrate streaming template 2",
"Format": "HLS"
}
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.Bitrate	Invalid audio/video bitrate.
InvalidParameterValue.Codec	Invalid audio/video codec.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.Definition	Invalid parameter: Definition.
InvalidParameterValue.DisableHigherVideoBitrate	Invalid value of the switch for prohibiting transcoding from low bitrate to high bitrate.
InvalidParameterValue.DisableHigherVideoResolution	Invalid value of the switch for prohibiting transcoding from low resolution to high resolution.
InvalidParameterValue.DrmType	Invalid DRM type.

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InvalidParameterValue.FillType	Invalid parameter: incorrect fill type.
InvalidParameterValue.Format	Incorrect parameter value: Format.
InvalidParameterValue.Fps	Invalid parameter: video frame rate.
InvalidParameterValue.Height	Invalid parameter: height.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.RemoveAudio	Incorrect parameter value: RemoveAudio.
InvalidParameterValue.SampleRate	Invalid audio sample rate.
InvalidParameterValue.SoundSystem	Incorrect parameter: audio channel system.
InvalidParameterValue.Width	Invalid parameter: width.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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ModifyAIRecognitionTemplate

Last updated：2025-04-24 16:47:04

1. API Description

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

This API is used to modify a custom video content recognition template.

A maximum of 10 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: ModifyAIRecognitionTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of video content recognition template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application**

			(whether it's the default application or a newly created one), they must fill in this field with the application ID.
Name	No	String	Video content recognition template name. Length limit: 64 characters.
Comment	No	String	Description of video content recognition template. Length limit: 256 characters.
HeadTailConfigure	No	HeadTailConfigureInfoForUpdate	Control parameter of video opening and ending credits recognition.
SegmentConfigure	No	SegmentConfigureInfoForUpdate	Control parameter of video splitting recognition.
FaceConfigure	No	FaceConfigureInfoForUpdate	Control parameter of face recognition.
OcrFullTextConfigure	No	OcrFullTextConfigureInfoForUpdate	Control parameter of full text recognition.
OcrWordsConfigure	No	OcrWordsConfigureInfoForUpdate	Control parameter of text keyword recognition.
AsrFullTextConfigure	No	AsrFullTextConfigureInfoForUpdate	Control parameter of full speech recognition.
AsrWordsConfigure	No	AsrWordsConfigureInfoForUpdate	Control parameter of speech keyword recognition.
AsrTranslateConfigure	No	AsrTranslateConfigureInfoForUpdate	Control parameter of voice translation.
ObjectConfigure	No	ObjectConfigureInfoForUpdate	Control parameter of object recognition.
ScreenshotInterval	No	Float	Frame capturing interval in seconds. Minimum value: 0.5 seconds.

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3. Output Parameters

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

4. Example

Example1 Modifying the frame capturing interval of content recognition

This example shows you how to modify a custom intelligent recognition template to change the frame capturing interval to 0.5 seconds.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyAIRecognitionTemplate
&Definition=30
&ScreenshotInterval=0.5
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

Example2 Disabling video opening and closing credits recognition

This example shows you how to modify a custom video content recognition template to disable video opening and closing credits recognition.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyAIRecognitionTemplate
&Definition=30
&HeadTailConfigure.Switch=OFF
&<Common request parameters>
```

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Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

Example3 Disabling a recognition task while enabling another one

This example shows you how to modify a custom video content recognition template to disable video opening and closing credits recognition and enable video splitting.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyAIRecognitionTemplate
&Definition=30
&HeadTailConfigure.Switch=OFF
&SegmentConfigure.Switch=ON
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.DefaultLibraryLabelSet	Incorrect parameter value: the default face library filter tag is invalid.
InvalidParameterValue.FaceLibrary	Incorrect parameter value: the face library parameter is invalid.
InvalidParameterValue.FaceScore	Incorrect parameter value: the value of the face score parameter is invalid.
InvalidParameterValue.LabelSet	Incorrect parameter value: the value of the `LabelSet` parameter is invalid.
InvalidParameterValue.ModifyDefaultTemplate	Incorrect parameter value: the default template cannot be modified.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.ObjectLibrary	Incorrect parameter value: the value of the object library parameter is invalid.
InvalidParameterValue.ScreenshotInterval	Incorrect parameter value: the value of the `ScreenshotInterval` parameter is invalid.
InvalidParameterValue.SubtitleFormat	Incorrect parameter value: the value of the

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	`SubtitleFormat` parameter is invalid.
InvalidParameterValue.Switch	Incorrect parameter value: the value of the `Switch` parameter is invalid.
InvalidParameterValue.UserDefineLibraryLabelSet	Incorrect parameter value: the custom face library filter tag is invalid.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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ModifyAIAnalysisTemplate

Last updated：2025-04-24 16:47:05

1. API Description

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

This API is used to modify a custom video content analysis template.

Note: templates with an ID below 10000 are preset and cannot be modified.

A maximum of 10 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: ModifyAIAnalysisTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of video content analysis template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from**

			December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.
Name	No	String	Video content analysis template name. Length limit: 64 characters.
Comment	No	String	Video content analysis template description. Length limit: 256 characters.
ClassificationConfigure	No	ClassificationConfigureInfoForUpdate	Control parameter of intelligent categorization task.
TagConfigure	No	TagConfigureInfoForUpdate	Control parameter of intelligent tagging task.
CoverConfigure	No	CoverConfigureInfoForUpdate	Control parameter of intelligent cover generating task.
FrameTagConfigure	No	FrameTagConfigureInfoForUpdate	Control parameter of intelligent frame-specific tagging task.
HighlightConfigure	No	HighlightsConfigureInfoForUpdate	Control parameter of an intelligent highlight generating task.

3. Output Parameters

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

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4. Example

Example1 Disabling intelligent thumbnail generation

This example shows you how to modify a custom video content analysis template to disable intelligent thumbnail generation.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyAIAnalysisTemplate
&Definition=30
&CoverConfigure.Switch=OFF
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

Example2 Enabling intelligent thumbnail generation

This example shows you how to modify a custom video content analysis template to enable intelligent thumbnail generation.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyAIAnalysisTemplate
&Definition=30
&CoverConfigure.Switch=ON
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

Example3 Enabling a content analysis task and disabling another

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This example shows you how to modify a custom video content analysis template to enable intelligent labeling and disable intelligent thumbnail generation.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyAIAnalysisTemplate
&Definition=30
&TagConfigure.Switch=ON
&CoverConfigure.Switch=OFF
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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

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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.ClassifcationConfigure	The control field parameter for intelligent categorization is incorrect.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.CoverConfigure	The control field parameter for intelligent cover generation is incorrect.
InvalidParameterValue.FrameTagConfigure	The control field parameter for intelligent frame-specific tagging is incorrect.
InvalidParameterValue.HighlightConfigure	Invalid intelligent highlight generating control parameter.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.TagConfigure	The control field parameter for intelligent tagging is incorrect.
ResourceNotFound	The resource does not exist.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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DescribeTranscodeTemplates

Last updated：2025-04-24 16:47:06

1. API Description

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

This API is used to get the list of transcoding templates based on unique template ID. The return result includes all eligible custom and preset transcoding templates.

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: DescribeTranscodeTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Definitions.N	No	Array of Integer	Unique ID filter of transcoding templates. Array length limit: 100.

Type	No	String	Template type filter. Valid values: • Preset: preset template; • Custom: custom template.
ContainerType	No	String	Container filter. Valid values: • Video: video container that can contain both video stream and audio stream; • PureAudio: audio container that can contain only audio stream.
TEHDType	No	String	TESHD filter, which is used to filter common transcoding or ultra-fast HD transcoding templates. Valid values: • Common: Common transcoding template; • TEHD: TESHD template.
Offset	No	Integer	Pagination offset. Default value: 0.
Limit	No	Integer	Number of returned entries. Default value: 10. Maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries.
TranscodeTemplateSet	Array of TranscodeTemplate	List of transcoding template details. Note: this field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying transcoding templates

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeTranscodeTemplates
&Definitions.0=10
&<Common request parameters>
```

Output Example


```
{
"Response": {
"TotalCount": 1,
"TranscodeTemplateSet": [
{
"Definition": 1008,
"Container": "mp4",
"Name": "Template 1",
"Comment": null,
"Type": 0,
"RemoveVideo": 0,
"RemoveAudio": 0,
"VideoTemplate": {
"Codec": "libx264",
"Fps": 24,
"Bitrate": 256,
"ResolutionAdaptive": "open",
"Width": 0,
"Height": 0
},
"AudioTemplate": {
"Codec": "libfdk_aac",
"Bitrate": 48,
"SampleRate": 48000,
"AudioChannel": 2
},
"CreateTime": "2018-10-01T10:00:00Z",
"UpdateTime": "2018-10-01T10:00:00Z"
}
],
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```


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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue.ContainerType	Incorrect parameter value: ContainerType.
InvalidParameterValue.Definitions	Invalid parameter: Definitions.
InvalidParameterValue.Limit	Invalid parameter: Limit.
InvalidParameterValue.TEHDType	Incorrect parameter value: `TEHD Type` is invalid.
InvalidParameterValue.Type	Incorrect `Type` parameter value.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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DescribeWatermarkTemplates

Last updated：2025-04-24 16:47:06

1. API Description

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

This API is used to query custom watermarking templates and supports paged queries by filters.

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: DescribeWatermarkTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Type	No	String	Watermark type filter. Valid values: • image: image watermark; • text: text watermark.
Offset	No	Integer	Pagination offset. Default value: 0.

Definitions.N	No	Array of Integer	Unique ID filter of watermarking templates. Array length limit: 100.
Limit	No	Integer	Number of returned entries • Default value: 10; • Maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries.
WatermarkTemplateSet	Array of WatermarkTemplate	List of watermarking template details. Note: this field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying watermark templates

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeWatermarkTemplates
&Definitions.0=1001
&Offset=0
&Limit=20
&<Common request parameters>
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"WatermarkTemplateSet": {
```

```
"Definition": 1001,
"Type": "image",
"Name": "Sample structure to be completed",
"Comment": "Test template",
"XPos": "10%",
"YPos": "10%",
"ImageTemplate": {
"ImageUrl": "http://1256768367.vod2.myqcloud.com/8b0dd2b5vodcq1256768367/4d27b39f5285890783754292994/aa.jpeg",
"Width": "80%",
"Height": "80%",
"RepeatType": "repeat"
},
"TextTemplate": {
"FontType": "arial.ttf",
"FontSize": "16px",
"FontColor": "0xFF0000",
"FontAlpha": 1
},
"CreateTime": "2018-10-01T10:00:00Z",
"UpdateTime": "2018-10-01T10:00:00Z"
},
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```


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 PHP
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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

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- 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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue.Definitions	Invalid parameter: Definitions.
InvalidParameterValue.Limit	Invalid parameter: Limit.
InvalidParameterValue.Type	Incorrect `Type` parameter value.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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DescribeSnapshotByTimeOffsetTemplates

Last updated：2025-04-24 16:47:07

1. API Description

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

This API is used to query the list of time point screencapturing templates and supports paged queries by filters.

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: DescribeSnapshotByTimeOffsetTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Definitions.N	No	Array of Integer	Unique ID filter of time point screencapturing templates. Array length limit: 100.
Offset	No	Integer	Paged offset. Default value: 0.

Limit	No	Integer	Number of returned entries. Default value: 10. Maximum value: 100.
Type	No	String	Template type filter. Valid values: • Preset: preset template; • Custom: custom template.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries.
SnapshotByTimeOffsetTemplateSet	Array of SnapshotByTimeOffsetTemplate	List of time point screencapturing template details.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying time point screenshot templates

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeSnapshotByTimeOffsetTemplates
&Definitions.0=10001
&<Common request parameters>
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"SnapshotByTimeOffsetTemplateSet": [
{
```

```
"Definition": 10001,
"Type": "Custom",
"Name": "Time point screenshot template 1",
"Comment": "",
"CreateTime": "2018-10-01T10:00:00Z",
"UpdateTime": "2018-10-01T10:00:00Z",
"ResolutionAdaptive": "open",
"FillType": "black",
"Format": "jpg",
"Height": 540,
"Width": 960
}
],
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```


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
FailedOperation	Operation failed.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue.Definitions	Invalid parameter: Definitions.
InvalidParameterValue.Limit	Invalid parameter: Limit.
InvalidParameterValue.Type	Incorrect `Type` parameter value.
UnauthorizedOperation	Unauthorized operation.

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DescribeSampleSnapshotTemplates

Last updated：2025-04-24 16:47:08

1. API Description

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

This API is used to query the list of sampled screencapturing templates and supports paged queries by filters.

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: DescribeSampleSnapshotTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Definitions.N	No	Array of Integer	Unique ID filter of sampled screencapturing templates. Array length limit: 100.
Offset	No	Integer	Paged offset. Default value: 0.

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Limit	No	Integer	Number of returned entries. Default value: 10. Maximum value: 100.
Type	No	String	Template type filter. Valid values: • Preset: preset template; • Custom: custom template.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries.
SampleSnapshotTemplateSet	Array of SampleSnapshotTemplate	List of sampled screencapturing template details.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying sampled screenshot templates

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeSampleSnapshotTemplates
&Definitions.0=10001
&<Common request parameters>
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"SampleSnapshotTemplateSet": [
{
"Definition": 10001,
"Type": "Custom",
```

```
"Name": "Sampled screenshot template 1",
"Comment": "",
"CreateTime": "2018-10-01T10:00:00Z",
"UpdateTime": "2018-10-01T10:00:00Z",
"Format": "jpg",
"Height": 540,
"SampleType": "Percent",
"ResolutionAdaptive": "open",
"FillType": "black",
"SampleInterval": 10,
"Width": 960
}
],
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```


5. Developer Resources

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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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue.Definitions	Invalid parameter: Definitions.
InvalidParameterValue.Limit	Invalid parameter: Limit.
InvalidParameterValue.Type	Incorrect `Type` parameter value.
UnauthorizedOperation	Unauthorized operation.

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DescribeImageSpriteTemplates

Last updated：2025-04-24 16:47:11

1. API Description

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

This API is used to query the list of image sprite generating templates and supports paged queries by filters.

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: DescribeImageSpriteTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Definitions.N	No	Array of Integer	Unique ID filter of image sprite generating templates. Array length limit: 100.
Offset	No	Integer	Paged offset. Default value: 0.

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Limit	No	Integer	Number of returned entries. Default value: 10. Maximum value: 100.
Type	No	String	Template type filter. Valid values: • Preset: preset template; • Custom: custom template.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries.
ImageSpriteTemplateSet	Array of ImageSpriteTemplate	List of image sprite generating template details.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying image sprite generating templates

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeImageSpriteTemplates
&Definitions.0=10001
&<Common request parameters>
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"ImageSpriteTemplateSet": [
{
"Definition": 10001,
"Type": "Custom",
"Name": "Image sprite generating template 1",
"Comment": "test",
```

```
"CreateTime": "2018-10-01T10:00:00Z",
"UpdateTime": "2018-10-01T10:00:00Z",
"Height": 540,
"SampleType": "Percent",
"SampleInterval": 10,
"ResolutionAdaptive": "open",
"FillType": "black",
"ColumnCount": 1,
"RowCount": 1,
"Width": 960
}
],
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```


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	Operation failed.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue.Definitions	Invalid parameter: Definitions.
InvalidParameterValue.Limit	Invalid parameter: Limit.
InvalidParameterValue.Type	Incorrect `Type` parameter value.
UnauthorizedOperation	Unauthorized operation.

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DescribeAnimatedGraphicsTemplates

Last updated：2025-04-24 16:47:13

1. API Description

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

This API is used to query the list of animated image generating templates and supports paged queries by filters.

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: DescribeAnimatedGraphicsTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Definitions.N	No	Array of Integer	Unique ID filter of animated image generating templates. Array length limit: 100.
Offset	No	Integer	Paged offset. Default value: 0.

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Limit	No	Integer	Number of returned entries. Default value: 10. Maximum value: 100.
Type	No	String	Template type filter. Valid values: • Preset: preset template; • Custom: custom template.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries.
AnimatedGraphicsTemplateSet	Array of AnimatedGraphicsTemplate	List of animated image generating template details.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying animated image generating templates

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeAnimatedGraphicsTemplates
&Definitions.0=10001
&<Common request parameters>
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"AnimatedGraphicsTemplateSet": [
{
"Definition": 10001,
"Name": "Animated image generating template 1",
```

```
"CreateTime": "2018-10-01T10:00:00Z",
"UpdateTime": "2018-10-01T10:00:00Z",
"Height": 540,
"Width": 960,
"Format": "gif",
"Fps": 30,
"Quality": 75,
"ResolutionAdaptive": "open",
"Type": "Custom",
"Comment": ""
}
],
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```


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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue.Definitions	Invalid parameter: Definitions.
InvalidParameterValue.Limit	Invalid parameter: Limit.
InvalidParameterValue.Type	Incorrect `Type` parameter value.
UnauthorizedOperation	Unauthorized operation.

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DescribeAdaptiveDynamicStreamingTemplates

Last updated：2025-04-24 16:47:14

1. API Description

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

This API is used to query the list of transcoding to adaptive bitrate streaming templates and supports paged queries by filters.

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: DescribeAdaptiveDynamicStreamingTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**VOD subapplication id. starting from december 25, 2023, if you want to access resources in the vod application (whether it is the default application or a newly created application), you must enter the application id in this field.**.
Definitions.N	No	Array of	Unique id filter of transcoding to adaptive bitrate streaming templates. array length limit: 100.

		Integer	
Offset	No	Integer	Pagination offset. default value: 0.
Limit	No	Integer	Number of returned entries. default value: 10. maximum value: 100.
Type	No	String	Template type filter. valid values:. • Preset: system preset template; . • Custom: user-defined template. .

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	The total number of records matching the filter criteria.
AdaptiveDynamicStreamingTemplateSet	Array of AdaptiveDynamicStreamingTemplate	List of transcoding to adaptive bitrate streaming template details.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying adaptive bitrate streaming templates

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeAdaptiveDynamicStreamingTemplates
&Definitions.0=10001
&<Common request parameters>
```

Output Example


```
{
"Response": {
"TotalCount": 1,
"AdaptiveDynamicStreamingTemplateSet": [
{
"Definition": 1001,
"Type": "Custom",
"Name": "Adaptive bitrate streaming template 1",
"Format": "HLS",
"Comment": "",
"CreateTime": "2018-10-01T10:00:00Z",
"UpdateTime": "2018-10-01T10:00:00Z",
"DrmType": "",
"DisableHigherVideoResolution": 0,
"DisableHigherVideoBitrate": 0,
"StreamInfos": [
{
"RemoveVideo": 0,
"Audio": {
"Codec": "libfdk_aac",
"SampleRate": 44100,
"AudioChannel": 2,
"Bitrate": 128
},
"Video": {
"Fps": 25,
"Width": 720,
"Height": 1080,
"Codec": "libx264",
"ResolutionAdaptive": "open",
"FillType": "black",
"Bitrate": 12500,
"Vcrf": 23,
"Gop": 0
},
"RemoveAudio": 0,
"TEHDConfig": {
"MaxVideoBitrate": 10000,
```


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```
"Type": "TEHD-100"
}
}
]
}
],
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```


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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.

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InvalidParameterValue.Definitions	Invalid parameter: Definitions.
InvalidParameterValue.Limit	Invalid parameter: Limit.
InvalidParameterValue.Type	Incorrect `Type` parameter value.
UnauthorizedOperation	Unauthorized operation.

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DescribeAIRecognitionTemplates

Last updated：2025-04-24 16:47:14

1. API Description

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

This API is used to get the list of video content recognition templates based on unique template ID. The return result includes all eligible custom and preset video content recognition templates.

A maximum of 10 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: DescribeAIRecognitionTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Definitions.N	No	Array of Integer	Unique ID filter of video content recognition templates. Array length limit: 100.

Type	No	String	Template type filter. Optional values: • Preset: preset template; • Custom: user-defined template. If not filled default is empty, i.e., no template type filter.
Offset	No	Integer	Pagination offset. Default value: 0.
Limit	No	Integer	Number of returned entries. Default value: 10. Maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries.
AIRecognitionTemplateSet	Array of AIRecognitionTemplateItem	List of video content recognition template details.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Get a specified number of audio and video content recognition templates

The acquisition sequence number starts from 0, and there are a total of 10 audio and video content recognition templates.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeAIRecognitionTemplates
<Public Request Parameter>

{
"Limit": "10",
```

```
"Offset": "0"
}
```

Output Example

```
{
"Response": {
"TotalCount": 2,
"AIRecognitionTemplateSet": [
{
"Definition": 30,
"Name": "Template 1",
"Comment": "Intelligent recognition template",
"HeadTailConfigure": {
"Switch": "ON"
},
"SegmentConfigure": {
"Switch": "ON"
},
"FaceConfigure": {
"Switch": "ON",
"FaceLibrary": "All"
},
"OcrFullTextConfigure": {
"Switch": "ON"
},
"OcrWordsConfigure": {
"Switch": "OFF",
"LabelSet": []
},
"AsrFullTextConfigure": {
"Switch": "ON"
},
"AsrWordsConfigure": {
"Switch": "OFF",
"LabelSet": []
},
"ObjectConfigure": {
"Switch": "ON",
"ObjectLibrary": "All"
},
"ScreenshotInterval": 10,
"CreateTime": "2019-01-01T12:00:00Z",
"UpdateTime": "2019-01-01T16:00:00Z"
},
{
```

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```
"Definition": 31,
"Name": "Template2",
"Comment": "Intelligent recognition template",
"HeadTailConfigure": {
"Switch": "ON"
},
"SegmentConfigure": {
"Switch": "OFF"
},
"FaceConfigure": {
"Switch": "OFF",
"FaceLibrary": "All"
},
"OcrFullTextConfigure": {
"Switch": "OFF"
},
"OcrWordsConfigure": {
"Switch": "OFF",
"LabelSet": []
},
"AsrFullTextConfigure": {
"Switch": "OFF"
},
"AsrWordsConfigure": {
"Switch": "OFF",
"LabelSet": []
},
"ObjectConfigure": {
"Switch": "ON",
"ObjectLibrary": "All"
},
"ScreenshotInterval": 10,
"CreateTime": "2019-01-01T11:00:00Z",
"UpdateTime": "2019-01-01T12:00:00Z"
}
],
"RequestId": "19ae8d8e-dce3-4151-9d4b-5594384987a9"
}
}
```


Example2 Get the audio and video content recognition template with template ID 30

Get the audio and video content recognition template with template ID 30

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeAIRecognitionTemplates
<Public Request Parameter>

{
"Definitions": [
"30"
]
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"AIRecognitionTemplateSet": [
{
"Definition": 30,
"Name": "Template 1",
"Comment": "Intelligent recognition template",
"HeadTailConfigure": {
"Switch": "ON"
},
"SegmentConfigure": {
"Switch": "ON"
},
"FaceConfigure": {
"Switch": "ON",
"FaceLibrary": "All"
},
"OcrFullTextConfigure": {
"Switch": "ON"
},
"OcrWordsConfigure": {
"Switch": "OFF",
"LabelSet": []
},
"AsrFullTextConfigure": {
"Switch": "ON"
},
"AsrWordsConfigure": {
"Switch": "OFF",
"LabelSet": []
```

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```
},
"ObjectConfigure": {
"Switch": "ON",
"ObjectLibrary": "All"
},
"ScreenshotInterval": 10,
"CreateTime": "2019-01-01T12:00:00Z",
"UpdateTime": "2019-01-01T16:00:00Z"
}
],
"RequestId": "19ae8d8e-dce3-4151-9d4b-5594384987a9"
}
}
```


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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue.Definitions	Invalid parameter: Definitions.
InvalidParameterValue.Limit	Invalid parameter: Limit.
InvalidParameterValue.Type	Incorrect `Type` parameter value.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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DescribeAIAnalysisTemplates

Last updated：2025-04-27 17:14:31

1. API Description

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

This API is used to get the list of video content analysis templates based on unique template ID. The returned result includes all eligible custom and preset video content analysis templates.

A maximum of 10 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: DescribeAIAnalysisTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Definitions.N	No	Array of Integer	Unique ID filter of video content analysis templates. Array length limit: 100.

Offset	No	Integer	Pagination offset. Default value: 0.
Limit	No	Integer	Number of returned entries. Default value: 10. Maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries.
AIAnalysisTemplateSet	Array of AIAnalysisTemplateItem	List of video content analysis template details.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying a specified number of video analysis templates

This example shows you how to get the information of up to 10 video analysis templates, including preset templates, starting from the first record (offset = 0).

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeAIAnalysisTemplates
&Offset=0
&Limit=10
&<Common request parameters>
```

Output Example

```
{
"Response": {
"TotalCount": 2,
"AIAnalysisTemplateSet": [
{
"Definition": 30,
"Name": "Template 1",
```

```
"Comment": "Intelligent analysis template",
"ClassificationConfigure": {
"Switch": "ON"
},
"TagConfigure": {
"Switch": "ON"
},
"CoverConfigure": {
"Switch": "ON"
},
"HighlightConfigure": {
"Switch": "ON"
},
"FrameTagConfigure": {
"Switch": "ON",
"ScreenshotInterval": 1
},
"CreateTime": "2019-01-01T12:00:00Z",
"UpdateTime": "2019-01-01T16:00:00Z"
},
{
"Definition": 31,
"Name": "Template 2",
"Comment": "Intelligent analysis template",
"ClassificationConfigure": {
"Switch": "OFF"
},
"TagConfigure": {
"Switch": "ON"
},
"CoverConfigure": {
"Switch": "ON"
},
"HighlightConfigure": {
"Switch": "ON"
},
"FrameTagConfigure": {
"Switch": "ON",
"ScreenshotInterval": 1
},
"CreateTime": "2019-01-01T13:00:00Z",
"UpdateTime": "2019-01-01T17:00:00Z"
}
],
"RequestId": "19ae8d8e-dce3-4151-9d4b-5594384987a9"
}
}
```

Example2 Querying the video analysis template whose ID is 30

This example shows you how to get the information of up to 10 video analysis templates, including preset templates, starting from the first record (offset = 0).

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeAIAnalysisTemplates
&Definitions.0=30
&<Common request parameters>
```

Output Example


```
{
"Response": {
"TotalCount": 1,
"AIAnalysisTemplateSet": [
{
"Definition": 30,
"Name": "Template 1",
"Comment": "Intelligent analysis template",
"ClassificationConfigure": {
"Switch": "ON"
},
"TagConfigure": {
"Switch": "ON"
},
"CoverConfigure": {
"Switch": "ON"
},
"HighlightConfigure": {
"Switch": "ON"
},
"FrameTagConfigure": {
"Switch": "ON",
"ScreenshotInterval": 1
},
"CreateTime": "2019-01-01T12:00:00Z",
"UpdateTime": "2019-01-01T16:00:00Z"
}
],
"RequestId": "19ae8d8e-dce3-4151-9d4b-5594384987a9"
}
}
```


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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.
LimitExceeded.TooMuchTemplate	Limit exceeded: The number of templates exceeds the upper limit of 100. If you need more, pleaseSubmit a ticket.
ResourceNotFound	The resource does not exist.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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DeleteTranscodeTemplate

Last updated：2025-04-24 16:47:17

1. API Description

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

This API is used to delete a custom transcoding template.

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: DeleteTranscodeTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of transcoding template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Deleting a transcoding template

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteTranscodeTemplate
&Definition=1008
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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.
InternalError	Internal error.
InvalidParameterValue.Definition	Invalid parameter: Definition.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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DeleteWatermarkTemplate

Last updated：2025-04-24 16:47:16

1. API Description

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

This API is used to delete a custom watermarking template.

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: DeleteWatermarkTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of watermarking template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Deleting a watermark template

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteWatermarkTemplate
&Definition=1001
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

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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.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue.Definition	Invalid parameter: Definition.
ResourceNotFound	The resource does not exist.
UnauthorizedOperation	Unauthorized operation.

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DeleteSnapshotByTimeOffsetTemplate

Last updated：2025-04-24 16:47:18

1. API Description

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

This API is used to delete a custom time point screencapturing template.

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: DeleteSnapshotByTimeOffsetTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of a specified time point screencapturing template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Deleting a time point screenshot template

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteSnapshotByTimeOffsetTemplate
&Definition=10001
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

5. Developer Resources

SDK

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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.
InternalError	Internal error.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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DeleteSampleSnapshotTemplate

Last updated：2025-04-24 16:47:18

1. API Description

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

This API is used to delete a custom sampled screencapturing template.

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: DeleteSampleSnapshotTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of a sampled screencapturing template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Deleting a sampled screenshot template

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteSampleSnapshotTemplate
&Definition=10001
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

5. Developer Resources

SDK

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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.
InternalError	Internal error.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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DeleteImageSpriteTemplate

Last updated：2025-04-24 16:47:21

1. API Description

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

This API is used to delete an image sprite generating template.

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: DeleteImageSpriteTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of an image sprite generating template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Deleting an image sprite generating template

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteImageSpriteTemplate
&Definition=10001
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

5. Developer Resources

SDK

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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.
InternalError	Internal error.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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DeleteAnimatedGraphicsTemplate

Last updated：2025-04-24 16:47:23

1. API Description

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

This API is used to delete a custom animated image generating template.

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: DeleteAnimatedGraphicsTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of an animated image generating template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Deleting an animated image generating template

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteAnimatedGraphicsTemplate
&Definition=10001
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

5. Developer Resources

SDK

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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.
InternalError	Internal error.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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DeleteAdaptiveDynamicStreamingTemplate

Last updated：2025-04-24 16:47:24

1. API Description

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

This API is used to delete an adaptive bitrate streaming 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: DeleteAdaptiveDynamicStreamingTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of adaptive bitrate streaming template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Deleting an adaptive bitrate streaming template

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteAdaptiveDynamicStreamingTemplate
&Definition=10001
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

5. Developer Resources

SDK

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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.
InternalError	Internal error.
ResourceNotFound	The resource does not exist.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DeleteReviewTemplate

Last updated：2025-04-24 16:47:19

1. API Description

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

This API is used to delete a custom moderation template.

> The templates can only be used by the APIs ReviewAudioVideo and ReviewImage.

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: DeleteReviewTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	The unique ID of the moderation template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

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3. Output Parameters

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

4. Example

Example1 Deleting the moderation template whose ID is 20125

This example shows you how to delete a custom moderation template.

Input Example

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

{
"Definition": 20125
}
```

Output Example

```
{
"Response": {
"RequestId": "35ae8d8e-dce3-42851-9d4b-559414529d941"
}
}
```

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.
InvalidParameterValue	Incorrect parameter value.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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DeleteAIRecognitionTemplate

Last updated：2025-04-24 16:47:25

1. API Description

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

This API is used to delete a custom video content recognition template.

A maximum of 10 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: DeleteAIRecognitionTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of video content recognition template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Deleting the video content recognition template whose ID is 30

This example shows you how to delete a custom video content recognition template.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteAIRecognitionTemplate
&Definition=30
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "35ae8d8e-dce3-42851-9d4b-559414529d931"
}
}
```

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
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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

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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.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue.DeleteDefaultTemplate	Incorrect parameter value: the default template cannot be deleted.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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DeleteAIAnalysisTemplate

Last updated：2025-04-24 16:47:26

1. API Description

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

This API is used to delete a custom video content analysis template.

Note: templates with an ID below 10000 are preset and cannot be deleted.

A maximum of 10 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: DeleteAIAnalysisTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of video content analysis template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

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3. Output Parameters

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

4. Example

Example1 Deleting the content moderation template whose ID is 30

This example shows you how to delete a custom video content analysis template.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteAIAnalysisTemplate
&Definition=30
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "35ae8d8e-dce3-42851-9d4b-559414529d931"
}
}
```

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 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
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidParameterValue.DeleteDefaultTemplate	Incorrect parameter value: the default template cannot be deleted.
ResourceNotFound	The resource does not exist.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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DeleteHeadTailTemplate

Last updated：2025-04-24 16:47:22

1. API Description

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

Delete HeadTail 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: DeleteHeadTailTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Head Tail Template Number.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 DeleteHeadTailTemplate

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteHeadTailTemplate
&Definition=10000
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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
AuthFailure	CAM signature/authentication error.
FailedOperation	Operation failed.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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DeleteImageProcessingTemplate

Last updated：2025-04-24 16:47:22

1. API Description

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

This API is used to delete an image processing 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: DeleteImageProcessingTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	The template ID.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Deleting an image processing template

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteImageProcessingTemplate
&Definition=1008
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

5. Developer Resources

SDK

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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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InternalError.DBError	Internal error. Failed to access DB.
InvalidParameter	Invalid parameter.
InvalidParameterValue.DeleteDefaultTemplate	Incorrect parameter value: the default template cannot be deleted.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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DescribeReviewTemplates

Last updated：2025-04-24 16:47:09

1. API Description

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

This API is used to get the information of moderation templates.

> The templates can only be used by the APIs ReviewAudioVideo and ReviewImage.

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: DescribeReviewTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

Definitions.N	No	Array of Integer	The audit template uniquely identifies the filtering conditions, and the array length limit is: 100.
Type	No	String	The template type. Valid values: • Preset • Custom
Offset	No	Integer	The pagination offset. Default value: 0.
Limit	No	Integer	The number of records to return. Default value: 10. Maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	The total number of records that meet the conditions.
ReviewTemplateSet	Array of ReviewTemplate	The details of the moderation templates.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying moderation templates

This example shows you how to query moderation templates.

Input Example

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

{
"Definitions": [
```

```
10001
]
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TotalCount": 1,
"ReviewTemplateSet": [
{
"Comment": "Detect ads",
"Definition": 10001,
"UpdateTime": "2018-10-01T10:00:00Z",
"Name": "Detect Ads",
"Labels": [
"Ads"
],
"Type": "Custom",
"CreateTime": "2018-10-01T10:00:00Z"
}
]
}
}
```

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.

CreateReviewTemplate

Last updated：2025-04-24 16:47:30

1. API Description

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

This API is used to create a custom moderation template. Up to 50 templates can be created in total.

> The templates can only be used by the APIs ReviewAudioVideo and ReviewImage.

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: CreateReviewTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Labels.N	Yes	Array of String	The violation labels to use. Valid values: • `Porn` : Pornographic content • `Terror` : Terrorist content • `Moan` : Moaning
SubAppId	No	String	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a**

			VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.
Name	No	String	
Comment	No	String	

3. Output Parameters

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

4. Example

Example1 Creating a moderation template with multiple violation labels

This example shows you how to create a moderation template that detects pornographic content, terrorist content, and ads.

Input Example

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

{
"Name": "test",
"Comment": "Detect pornographic, terrorist, and promotional content.",
"Labels": [
"Porn",
"Terror",
"Ad"
]
}
```

Output Example

```
{
"Response": {
"Definition": 20123,
"RequestId": "88aee3e9-2qd3-4151-9d4b-4390a45228a9"
}
}
```

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 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	Operation failed.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.

InternalError.GenDefinition	Internal error: failed to generate template ID.
InvalidParameter.Labels	Parameter error: Invalid label.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.Labels	Parameter error: Invalid label.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
LimitExceeded	Quota limit is exceeded.
UnauthorizedOperation	Unauthorized operation.

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CreateTranscodeTemplate

Last updated：2025-04-27 17:14:34

1. API Description

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

This API is used to create a custom transcoding template. Up to 100 templates can be created.

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: CreateTranscodeTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Container	Yes	String	The container format. Valid values: `mp4`, `flv`, `hls`, `mp3`, `flac`, `ogg`, `m4a`, `wav` (`mp3`, `flac`, `ogg`, `m4a`, and `wav` are audio file formats).
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or**

			a newly created one), they must fill in this field with the application ID.
Name	No	String	Transcoding template name. Length limit: 64 characters.
Comment	No	String	Template description. Length limit: 256 characters.
RemoveVideo	No	Integer	Whether to remove video data. Valid values: • 0: retain • 1: remove Default value: 0.
RemoveAudio	No	Integer	Whether to remove audio data. Valid values: • 0: retain • 1: remove Default value: 0.
VideoTemplate	No	VideoTemplateInfo	Video stream configuration parameter. This field is required when `RemoveVideo` is 0.
AudioTemplate	No	AudioTemplateInfo	Audio stream configuration parameter. This field is required when `RemoveAudio` is 0.
TEHDConfig	No	TEHDConfig	TESHD transcoding parameter.
SegmentType	No	String	The segment type. This parameter is valid only if `Container` is `hls`. Valid values: • ts: TS segment • fmp4: fMP4 segment Default: ts

3. Output Parameters

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

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4. Example

Example1 Creating a transcoding template

This example shows you how to create a transcoding template.

Input Example

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

{
"RemoveVideo": "0",
"Container": "mp4",
"Name": "Transcoding template 1",
"AudioTemplate": {
"SampleRate": "200",
"Codec": "libfdk_aac",
"Bitrate": "200"
},
"VideoTemplate": {
"Codec": "libx264",
"Bitrate": "256",
"Fps": "45"
},
"RemoveAudio": "0"
}
```

Output Example

```
{
"Response": {
"Definition": 1008,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.AudioBitrate	Invalid parameter: audio stream bitrate.
InvalidParameterValue.AudioChannel	Incorrect parameter value: AudioChannel.
InvalidParameterValue.AudioCodec	Invalid parameter: audio stream encoder.
InvalidParameterValue.AudioSampleRate	Invalid parameter: audio stream sample rate.
InvalidParameterValue.Bitrate	Invalid audio/video bitrate.
InvalidParameterValue.Codec	Invalid audio/video codec.

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InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.Container	Invalid parameter: container.
InvalidParameterValue.FillType	Invalid parameter: incorrect fill type.
InvalidParameterValue.Fps	Invalid parameter: video frame rate.
InvalidParameterValue.Height	Invalid parameter: height.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.RemoveAudio	Incorrect parameter value: RemoveAudio.
InvalidParameterValue.RemoveVideo	Incorrect parameter value: RemoveVideo.
InvalidParameterValue.Resolution	Invalid parameter: incorrect resolution.
InvalidParameterValue.ResolutionAdaptive	Invalid `ResolutionAdaptive` .
InvalidParameterValue.TEHDType	Incorrect parameter value: `TEHD Type` is invalid.
InvalidParameterValue.Type	Incorrect `Type` parameter value.
InvalidParameterValue.Vcrf	Incorrect `vcrf` .
InvalidParameterValue.VideoBitrate	Invalid parameter: video stream bitrate.
InvalidParameterValue.VideoCodec	Invalid parameter: video stream encoder.
InvalidParameterValue.Width	Invalid parameter: width.
LimitExceeded.TooMuchTemplate	Limit exceeded: The number of templates exceeds the upper limit of 100. If you need more, pleaseSubmit a ticket.
UnauthorizedOperation	Unauthorized operation.

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ModifyReviewTemplate

Last updated：2025-04-24 16:46:59

1. API Description

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

This API is used to modify a custom moderation template.

> The templates can only be used by the APIs ReviewAudioVideo and ReviewImage.

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: ModifyReviewTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

Name	No	String	
Comment	No	String	
Labels.N	No	Array of String	The violation labels to use. Valid values: • `Porn` : Pornographic content • `Terror` : Terrorist content • `Moan` : Moaning

3. Output Parameters

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

4. Example

Example1 Modifying a moderation template

This example shows you how to modify a template so that it detects only pornographic and terrorist content and no longer detects ads.

Input Example

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

{
"Definition": 20123,
"Comment": "Detects pornographic and terrorist content.",
"Labels": [
"Porn",
"Terror"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "67ae8d8e-dce3-4151-9d4b-5594145287e2"
}
}
```

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.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.Comment	Invalid parameter: template description.

InvalidParameterValue.Labels	Parameter error: Invalid label.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

ModifyTranscodeTemplate

Last updated：2025-04-24 16:46:57

1. API Description

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

This API is used to modify a custom transcoding template.

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: ModifyTranscodeTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Unique ID of transcoding template.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

Container	No	String	The container format. Valid values: `mp4`, `flv`, `hls`, `mp3`, `flac`, `ogg`, `m4a`, `wav` (`mp3`, `flac`, `ogg`, `m4a`, and `wav` are audio file formats).
Name	No	String	Transcoding template name. Length limit: 64 characters.
Comment	No	String	Template description. Length limit: 256 characters.
RemoveVideo	No	Integer	Whether to remove video data. Valid values: • 0: retain • 1: remove
RemoveAudio	No	Integer	Whether to remove audio data. Valid values: • 0: retain • 1: remove
VideoTemplate	No	VideoTemplateInfoForUpdate	Video stream configuration parameter.
AudioTemplate	No	AudioTemplateInfoForUpdate	Audio stream configuration parameter.
TEHDConfig	No	TEHDConfigForUpdate	TESHD transcoding parameter.
SegmentType	No	String	The segment type. This parameter is valid only if `Container` is `hls`. Valid values: • ts: TS segment • fmp4: fMP4 segment

3. Output Parameters

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

4. Example

Example1 Modifying a transcoding template

This example shows you how to modify a transcoding template.

Input Example

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

{
"Definition": "1008",
"Container": "mp4",
"VideoTemplate": {
"Codec": "libx264",
"Bitrate": "256",
"Fps": "60"
},
"AudioTemplate": {
"SampleRate": "200",
"Codec": "libfdk_aac",
"Bitrate": "200"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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 PHP
- 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	Operation failed.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue.AudioBitrate	Invalid parameter: audio stream bitrate.
InvalidParameterValue.AudioChannel	Incorrect parameter value: AudioChannel.
InvalidParameterValue.AudioCodec	Invalid parameter: audio stream encoder.
InvalidParameterValue.AudioSampleRate	Invalid parameter: audio stream sample rate.
InvalidParameterValue.Bitrate	Invalid audio/video bitrate.
InvalidParameterValue.Codec	Invalid audio/video codec.
InvalidParameterValue.Container	Invalid parameter: container.
InvalidParameterValue.FiltrateAudio	
InvalidParameterValue.FiltrateVideo	
InvalidParameterValue.Fps	Invalid parameter: video frame rate.
InvalidParameterValue.RemoveAudio	Incorrect parameter value: RemoveAudio.
InvalidParameterValue.RemoveVideo	Incorrect parameter value: RemoveVideo.

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InvalidParameterValue.Resolution	Invalid parameter: incorrect resolution.
InvalidParameterValue.ResolutionAdaptive	Invalid `ResolutionAdaptive`.
InvalidParameterValue.SampleRate	Invalid audio sample rate.
InvalidParameterValue.TEHDType	Incorrect parameter value: `TEHD Type` is invalid.
InvalidParameterValue.Type	Incorrect `Type` parameter value.
InvalidParameterValue.Vcrf	Incorrect `vcrf`.
InvalidParameterValue.VideoBitrate	Invalid parameter: video stream bitrate.
InvalidParameterValue.VideoCodec	Invalid parameter: video stream encoder.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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CreateAIRecognitionTemplate

Last updated：2025-04-27 17:14:38

1. API Description

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

This API is used to create a custom video content recognition template. Up to 50 templates can be created.

A maximum of 10 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: CreateAIRecognitionTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Name	No	String	Video content recognition template

			name. Length limit: 64 characters.
Comment	No	String	Description of video content recognition template. Length limit: 256 characters.
HeadTailConfigure	No	HeadTailConfigureInfo	Control parameter of video opening and ending credits recognition.
SegmentConfigure	No	SegmentConfigureInfo	Control parameter of video splitting recognition.
FaceConfigure	No	FaceConfigureInfo	Control parameter of face recognition.
OcrFullTextConfigure	No	OcrFullTextConfigureInfo	Control parameter of full text recognition.
OcrWordsConfigure	No	OcrWordsConfigureInfo	Control parameter of text keyword recognition.
AsrFullTextConfigure	No	AsrFullTextConfigureInfo	Control parameter of full speech recognition.
AsrWordsConfigure	No	AsrWordsConfigureInfo	Control parameter of speech keyword recognition.
AsrTranslateConfigure	No	AsrTranslateConfigureInfo	Control parameter of voice translation.
ObjectConfigure	No	ObjectConfigureInfo	Control parameter of object recognition.
ScreenshotInterval	No	Float	Frame capturing interval in seconds. If this parameter is left empty, 1 second will be used by default. Minimum value: 0.5 seconds.

3. Output Parameters

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

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4. Example

Example1 Creating a template to recognize opening and closing credits

This example shows you how to create a custom video recognition template to recognize opening and closing credits.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateAIRecognitionTemplate
&Name=Opening and closing credits recognition template
&Comment=Template 1
&HeadTailConfigure.Switch=ON
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 30,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

Example2 Creating a template to support only voice translation tasks

Create a custom audio and video content recognition template, enabling only the voice translation task.

Input Example

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

{
"AsrTranslateConfigure": {
"Switch": "ON",
"SrcLanguage": "zh",
"DstLanguage": "en",
"SubtitleFormats": [
"vtt"
]
},
```

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```
"Name": "VoiceTranslationTemplateChineseToEnglish"
}
```

Output Example

```
{
"Response": {
"Definition": 31,
"RequestId": "0de23d47-ff58-41d7-80c4-c4fa7dbc6c21"
}
}
```

Example3 Creating a template for multiple video content recognition tasks

This example shows you how to create a custom video content recognition template for a splitting task and a face recognition task. The default face library is used, and the face recognition filter score is 90.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateAIRecognitionTemplate
&Name=Intelligent content recognition template
&Comment=Template 2
&SegmentConfigure.Switch=ON
&FaceConfigure.Switch=ON
&FaceConfigure.FaceLibrary=Default
&FaceConfigure.Score=90
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 31,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

Example4 Creating a template for multiple content recognition tasks, with the frame capturing interval specified

This example shows you how to create a custom video content recognition template for a splitting task and a face recognition task. The default and custom face libraries are used, the face recognition filter score is 90, and the frame capturing interval is 1.0 second.

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Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateAIRecognitionTemplate
&Name=Intelligent content recognition template
&Comment=Template 3
&SegmentConfigure.Switch=ON
&FaceConfigure.Switch=ON
&FaceConfigure.FaceLibrary=All
&ScreenshotInterval=1.0
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 32,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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

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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.Comment	Invalid parameter: template description.
InvalidParameterValue.DefaultLibraryLabelSet	Incorrect parameter value: the default face library filter tag is invalid.
InvalidParameterValue.FaceLibrary	Incorrect parameter value: the face library parameter is invalid.
InvalidParameterValue.FaceScore	Incorrect parameter value: the value of the face score parameter is invalid.
InvalidParameterValue.LabelSet	Incorrect parameter value: the value of the `LabelSet` parameter is invalid.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.ObjectLibrary	Incorrect parameter value: the value of the object library parameter is invalid.
InvalidParameterValue.ScreenshotInterval	Incorrect parameter value: the value of the `ScreenshotInterval` parameter is invalid.
InvalidParameterValue.SubtitleFormat	Incorrect parameter value: the value of the `SubtitleFormat` parameter is invalid.
InvalidParameterValue.Switch	Incorrect parameter value: the value of the `Switch` parameter is invalid.
InvalidParameterValue.UserDefineLibraryLabelSet	Incorrect parameter value: the custom face library filter tag is invalid.
LimitExceeded.TooMuchTemplate	Limit exceeded: The number of templates exceeds the upper limit of 100. If you need more, pleaseSubmit a ticket.
UnauthorizedOperation	Unauthorized operation.

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CreateHeadTailTemplate

Last updated：2025-04-27 17:14:37

1. API Description

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

Create HeadTail 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: CreateHeadTailTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Name	Yes	String	Template name, length limit is 64 characters.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Comment	No	String	Template description information, length limit is 256 characters.
HeadCandidateSet.N	No	Array	Title candidate list, fill in the FileId of the video. When

		of String	transcoding, the title closest to the aspect ratio of the feature film will be automatically selected (when the aspect ratio is the same, the front candidate will take precedence). Supports up to 5 candidate titles.
TailCandidateSet.N	No	Array of String	Ending candidate list, fill in the FileId of the video. When transcoding, the ending with the aspect ratio closest to the feature film will be automatically selected (when the aspect ratio is the same, the front candidate will take precedence). Supports up to 5 candidate endings.
FillType	No	String	Padding method. When the video stream configuration width and height parameters are inconsistent with the aspect ratio of the original video, the transcoding processing method is "padding". Optional filling method: • stretch: stretch, stretch each frame to fill the entire screen, which may cause the transcoded video to be "squashed" or "stretched"; • gauss: Gaussian blur, keep the video aspect ratio unchanged, use Gaussian blur for the remaining edges; • white: leave blank, keep the video aspect ratio unchanged, use the remaining edges for the edge Use white filling; • black: Leave black, keep the video aspect ratio unchanged, and fill the remaining edges with black. Default value: stretch.

3. Output Parameters

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

4. Example

Example1 CreateHeadTailTemplate

Create HeadTail Template.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateHeadTailTemplate
&Name=Template name
&Comment=Template description
&HeadCandidateSet.0=1234422xxxx123
&TailCandidateSet.0=1234422xxxx124
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"Definition": 1000,
"RequestId": "12ae8d8e-xxxx-9d4b-5594145287e1"
}
}
```

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

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

Error Code	Description
AuthFailure	CAM signature/authentication error.
FailedOperation	Operation failed.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InternalError.GenDefinition	Internal error: failed to generate template ID.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.Type	Incorrect `Type` parameter value.
LimitExceeded.TooMuchTemplate	Limit exceeded: The number of templates exceeds the upper limit of 100. If you need more, pleaseSubmit a ticket.
UnauthorizedOperation	Unauthorized operation.

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CreateImageProcessingTemplate

Last updated：2025-04-27 17:14:36

1. API Description

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

This API is used to create a custom image processing template. A template can include at most 10 operations, for example, crop-scale-crop-blur-scale-crop-scale-crop-blur-scale. You can have up to 16 image processing 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: CreateImageProcessingTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Operations.N	Yes	Array of ImageOperation	An array of image processing operations. The operations will be performed in the specified order. • Length limit: 10.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

Name	No	String	The name of the image processing template. Length limit: 64 characters.
Comment	No	String	The template description. Length limit: 256 characters.

3. Output Parameters

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

4. Example

Example1 Creating an image processing template that scales an image according to the specified short side

This example shows you how to create an image processing template that scales an image according to the specified short side.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateImageProcessingTemplate
&Operations.0.Type=Scale
&Operations.0.Scale.Type=ShortEdgeFirst
&Operations.0.Scale.ShortEdge=120
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 1008,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

Example2 Creating an image processing template that generates 240 x 240 thumbnails

This example shows you how to create an image processing template that generates 240 x 240 thumbnails.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateImageProcessingTemplate
&Operations.0.Type=Scale
&Operations.0.Scale.Type=ShortEdgeFirst
&Operations.0.Scale.ShortEdge=240
&Operations.1.Type=CenterCut
&Operations.1.CenterCut.Type=Rectangle
&Operations.1.CenterCut.Width=240
&Operations.1.CenterCut.Height=240
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 1009,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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
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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.
FailedOperation.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.CutAndCrops	Parameter error: Invalid `CutAndCrops` value.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.Thumbnails	Parameter error: Invalid `Thumbnail` value.
InvalidParameterValue.Watermarks	Parameter error: Invalid `Watermarks` value.
LimitExceeded.TooMuchTemplate	Limit exceeded: The number of templates exceeds the upper limit of 100. If you need more, pleaseSubmit a ticket.
UnauthorizedOperation	Unauthorized operation.

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DescribeHeadTailTemplates

Last updated：2025-04-24 16:47:12

1. API Description

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

Describe HeadTail 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: DescribeHeadTailTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Definitions.N	No	Array of Integer	Head Tail template number, array length limit: 100.
Offset	No	Integer	Paging offset, default value: 0.

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Limit	No	Integer	Returns the number of records, default value: 10, maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	The total number of records matching the filter criteria.
HeadTailTemplateSet	Array of HeadTailTemplate	Head Tail Template Details.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Describe HeadTail Templates

Describe HeadTail Templates

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeHeadTailTemplates
&Definitions.0=10000
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1",
"HeadTailTemplateSet": [
{
"Definition": 10000,
"HeadCandidateSet": [
"123xxx000"
],
```

```
"FillType": "black",
"Name": "Template number",
"Comment": "Template description",
"TailCandidateSet": [
"1230xxx99"
]
}
]
}
}
```

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
AuthFailure	CAM signature/authentication error.
FailedOperation	Operation failed.
FailedOperation.InvalidVodUser	The VOD service is not activated.

InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
UnauthorizedOperation	Unauthorized operation.

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DescribeImageProcessingTemplates

Last updated：2025-04-24 16:47:11

1. API Description

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

This API is used to query image processing templates. You can specify the filters as well as the offset to start returning records from.

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: DescribeImageProcessingTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Definitions.N	No	Array of Integer	The IDs of the templates to query. Length limit: 100.

Type	No	String	The template type. Valid values: • Preset • Custom
Offset	No	Integer	The offset. Default value: 0.
Limit	No	Integer	The number of records to return. Default value: 10. Maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	The total number of records that meet the conditions.
ImageProcessingTemplateSet	Array of ImageProcessingTemplate	The information of the queried image processing templates.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying image processing templates

This example shows you how to query image processing templates.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeImageProcessingTemplates
&Definitions.0=1008
&Definitions.1=1009
&<Common request parameters>
```

Output Example

```
{
"Response": {
"TotalCount": 2,
"ImageProcessingTemplateSet": [
{
"Definition": 1008,
"Comment": "",
"Name": "",
"Type": "Custom",
"CreateTime": "2018-10-01T10:00:00Z",
"Operations": [
{
"Type": "CenterCut",
"CenterCut": {
"Type": "Circle",
"Radius": 30
}
},
{
"Type": "Scale",
"Scale": {
"Type": "ShortEdgeFirst",
"ShortEdge": 100
}
}
]
},
{
"Definition": 1009,
"Comment": "",
"Name": "",
"Type": "Custom",
"CreateTime": "2018-10-01T10:00:00Z",
"Operations": [
{
"Type": "Scale",
"Scale": {
"Type": "WidthFirst",
"Width": 200
}
}
]
}
],
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
```


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```
}
}
```

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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue.Definitions	Invalid parameter: Definitions.
InvalidParameterValue.Limit	Invalid parameter: Limit.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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UnauthorizedOperation	Unauthorized operation.

ModifyHeadTailTemplate

Last updated：2025-04-24 16:47:02

1. API Description

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

Modify HeadTail 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: ModifyHeadTailTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	HeadTail template ID.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Name	No	String	Template name, length limit is 64 characters. Not passing means not modifying.
Comment	No	String	Template description, limited to 256 characters. Passing

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			nothing means no modification, passing empty means clearing it.
HeadCandidateSet.N	No	Array of String	Title candidate list, fill in the FileId of the video. When transcoding, the title closest to the aspect ratio of the feature film will be automatically selected (when the aspect ratio is the same, the front candidate will take precedence). Supports up to 5 candidate titles. Not passing it means no modification, passing an empty array means clearing it.
TailCandidateSet.N	No	Array of String	Ending candidate list, fill in the FileId of the video. When transcoding, the ending with the aspect ratio closest to the feature film will be automatically selected (when the aspect ratio is the same, the front candidate will take precedence). Supports up to 5 candidate titles. Not passing it means no modification, passing an empty array means clearing it.
FillType	No	String	Padding method. When the video stream configuration width and height parameters are inconsistent with the aspect ratio of the original video, the transcoding processing method is "padding". Optional filling method: • stretch: stretch, stretch each frame to fill the entire screen, which may cause the transcoded video to be "squashed" or "stretched"; • gauss: Gaussian blur, keep the video aspect ratio unchanged, use Gaussian blur for the remaining edges; • white: leave blank, keep the video aspect ratio unchanged, use the remaining edges for the edge Use white filling; • black: Leave black, keep the video aspect ratio unchanged, and fill the remaining edges with black. The default value is not to be modified.

3. Output Parameters

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

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4. Example

Example1 Modify HeadTail Template

Modify HeadTail Template

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ModifyHeadTailTemplate
&Definition=10000
&Name=Template1
&HeadCandidateSet.0=1234422xxxx123
&TailCandidateSet.0=1234422xxxx124
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"RequestId": "12ae8d8e-xxxx-9d4b-5594145287e1"
}
}
```

5. Developer Resources

SDK

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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.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.StorageRegions	Invalid `StorageRegions` .
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
UnauthorizedOperation	Unauthorized operation.

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CreateQualityInspectTemplate

Last updated：2025-04-27 17:14:35

1. API Description

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

Creates media quality inspection 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: CreateQualityInspectTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they**

			must fill in this field with the application ID.
Name	No	String	Media quality inspect template name.Length limit: 64 characters.
Comment	No	String	Template description. Length limit: 256 characters.
ScreenshotInterval	No	Float	Frame interval, unit in seconds, minimum value is 1. When not filled, the default frame interval is 1 second.
JitterConfigure	No	JitterConfigureInfo	Control parameters for detecting video jitter and ghosting.
BlurConfigure	No	BlurConfigureInfo	Control parameters for detecting video blur.
AbnormalLightingConfigure	No	AbnormalLightingConfigureInfo	Control parameters for detecting low brightness and overexposure of video.
CrashScreenConfigure	No	CrashScreenConfigureInfo	Control parameters for detecting video crash.
BlackWhiteEdgeConfigure	No	BlackWhiteEdgeConfigureInfo	Control parameters for detecting video black edges, white edges, black screen, and white screen.
NoiseConfigure	No	NoiseConfigureInfo	Control parameters for detecting video noise.
MosaicConfigure	No	MosaicConfigureInfo	Control parameters for detecting video mosaic.
QRCodeConfigure	No	QRCodeConfigureInfo	Control parameters for QR code detection in video.
VoiceConfigure	No	VoiceConfigureInfo	Control parameters for audio (mutes, bass, blast sound).
QualityEvaluationConfigure	No	QualityEvaluationConfigureInfo	Control parameters for video quality evaluation.

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3. Output Parameters

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

4. Example

Example1 Creates media quality inspection template.

Creates media quality inspection template.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateQualityInspectTemplate
<Public Request Parameter>

{
"SubAppId": 123,
"Name": "test",
"Comment": "abc",
"JitterConfigure": {
"Switch": "ON"
}
}
```

Output Example

```
{
"Response": {
"Definition": 20001,
"RequestId": "3c140219-cfe9-470e-b241-907873d6fb03"
```

```
}
}
```

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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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	Incorrect parameter value.
LimitExceeded.TooMuchTemplate	Limit exceeded: The number of templates exceeds the upper limit of 100. If you need more, pleaseSubmit a ticket.

DeleteQualityInspectTemplate

Last updated：2025-04-24 16:47:20

1. API Description

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

Deletes media quality inspection 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: DeleteQualityInspectTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Media quality inspection template ID.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Deletes media quality inspection template.

Deletes media quality inspection template.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteQualityInspectTemplate
<Public Request Parameter>

{
"Definition": 20001
}
```

Output Example

```
{
"Response": {
"RequestId": "3c140219-cfe9-470e-b241-907877d6fa03"
}
}
```

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
InternalError	Internal error.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DescribeQualityInspectTemplates

Last updated：2025-04-27 17:14:30

1. API Description

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

Get media quality inspection Template List.

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

We recommend you to use API Explorer

Try it

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeQualityInspectTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Definitions.N	No	Array of Integer	Media quality inspect template list. Length limit: 100.
Type	No	String	Template type filter conditions, optional values:

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			• Preset: system preset template; • Custom: user-defined template.
Offset	No	Integer	Paging offset, default value: 0.
Limit	No	Integer	Back record count, default value: 10, maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Comply with the filter conditions, the total number of records.
QualityInspectTemplateSet	Array of QualityInspectTemplateItem	Media quality inspect template details list.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Get media quality inspection Template List.

Get media quality inspection Template List.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeQualityInspectTemplates
<Public Request Parameter>

{
"Definitions": [
20001
]
}
```

Output Example


```
{
"Response": {
"TotalCount": 1,
"QualityInspectTemplateSet": [
{
"Definition": 20001,
"Name": "test",
"Comment": "",
"Type": "Custom",
"ScreenshotInterval": 1,
"JitterConfigure": {
"Switch": "ON"
},
"BlurConfigure": null,
"AbnormalLightingConfigure": null,
"CrashScreenConfigure": null,
"BlackWhiteEdgeConfigure": null,
"NoiseConfigure": null,
"MosaicConfigure": null,
"QRCodeConfigure": null,
"QualityEvaluationConfigure": null,
"VoiceConfigure": null,
"CreateTime": "2023-06-01T10:00:00Z",
"UpdateTime": "2023-06-01T10:00:00Z"
}
],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```


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

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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
InternalError	Internal error.
LimitExceeded.TooMuchTemplate	Limit exceeded: The number of templates exceeds the upper limit of 100. If you need more, pleaseSubmit a ticket.
ResourceNotFound	The resource does not exist.

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ModifyQualityInspectTemplate

Last updated：2025-04-24 16:47:00

1. API Description

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

Modifies media quality inspection 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 v used for this API: ModifyQualityInspectTe
Version	Yes	String	Common Params. The v used for this API: 2018-
Region	No	String	Common Params. This parameter is not require
Definition	Yes	Integer	Media quality inspectior template ID.
SubAppId	No	Integer	**The VOD application customers who activa VOD service from December 25, 2023, if want to access resou a VOD application (wl**

			it's the default applic or a newly created on they must fill in this fi with the application II
Name	No	String	Media quality inspectior template name.Length l characters.
Comment	No	String	Template description. L limit: 256 characters.
ScreenshotInterval	No	Float	Frame interval, unit in s minimum value is 1. Wh filled, the default frame i is 1 second.
JitterConfigure	No	JitterConfigureInfoForUpdate	Control parameters for detecting video jitter an ghosting.
BlurConfigure	No	BlurConfigureInfoForUpdate	Control parameters for detecting video blur.
AbnormalLightingConfigure	No	AbnormalLightingConfigureInfoForUpdate	Control parameters for detecting low brightness overexposure of video.
CrashScreenConfigure	No	CrashScreenConfigureInfoForUpdate	Control parameters for detecting video crash.
BlackWhiteEdgeConfigure	No	BlackWhiteEdgeConfigureInfoForUpdate	Control parameters for detecting video black ec white edges, black scre white screen.
NoiseConfigure	No	NoiseConfigureInfoForUpdate	Control parameters for detecting video noise.
MosaicConfigure	No	MosaicConfigureInfoForUpdate	Control parameters for detecting video mosaic.
QRCodeConfigure	No	QRCodeConfigureInfoForUpdate	Control parameters for (code detection in video.
VoiceConfigure	No	VoiceConfigureInfoForUpdate	Control parameters for a (mutes, bass, blast sou

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QualityEvaluationConfigure	No	QualityEvaluationConfigureInfoForUpdate	Control parameters for v quality evaluation.

3. Output Parameters

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

4. Example

Example1 Modifies media quality inspection template.

Modifies media quality inspection template.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyQualityInspectTemplate
<Public Request Parameter>

{
"Definition": 20001,
"Name": "testNewName"
}
```

Output Example

```
{
"Response": {
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb04"
}
}
```

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
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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CreateEnhanceMediaTemplate

Last updated：2025-04-27 17:15:00

1. API Description

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

Create enhance media 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: CreateEnhanceMediaTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Container	Yes	String	Output file encapsulation format, optional values: mp4, flv, hls.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly**

			created one), they must fill in this field with the application ID.
Name	No	String	Audio and video quality rebirth template name, length limit: 64 characters.
Comment	No	String	Template description information, length limit: 256 characters.
RebuildVideoInfo	No	RebuildVideoInfo	Audio and picture quality regeneration video control control information.
RebuildAudioInfo	No	RebuildAudioInfo	Audio and video quality regeneration audio control information.
TargetVideoInfo	No	RebuildMediaTargetVideoStream	Output target video control information.
TargetAudioInfo	No	RebuildMediaTargetAudioStream	Output target audio control information.
RemoveVideo	No	Integer	Whether to remove video data, optional values: • 0: Keep • 1: Remove Default value 0.
RemoveAudio	No	Integer	Whether to remove audio data, optional values: • 0: Keep • 1: Remove Default value 0.

3. Output Parameters

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

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4. Example

Example1 Create rebuild media template.

Create rebuild media template.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateEnhanceMediaTemplate
<Public Request Parameter>

{
"SubAppId": 123,
"Name": "test",
"Comment": "abc",
"RebuildVideoInfo": {
"RepairInfo": {
"Switch": "ON"
}
},
"Container": "mp4"
}
```

Output Example

```
{
"Response": {
"Definition": 20001,
"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

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

DeleteEnhanceMediaTemplate

Last updated：2025-04-27 17:14:56

1. API Description

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

Delete Enhance Media 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: DeleteEnhanceMediaTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Enhance Media Template ID
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Delete rebuild media template.

Delete rebuild media template.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteEnhanceMediaTemplate
<Public Request Parameter>

{
"Definition": 20001
}
```

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

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

ModifyEnhanceMediaTemplate

Last updated：2025-04-27 17:14:48

1. API Description

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

Modify enhance media 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: ModifyEnhanceMediaTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Definition	Yes	Integer	Enhance Media Template ID.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly**

			created one), they must fill in this field with the application ID.
Name	No	String	Audio and video quality rebirth template name, length limit: 64 characters.
Comment	No	String	Template description information, length limit: 256 characters.
RebuildVideoInfo	No	RebuildVideoInfo	Media quality Enhance video control control information.
RebuildAudioInfo	No	RebuildAudioInfo	Media quality Enhance audio control control information.
TargetVideoInfo	No	RebuildMediaTargetVideoStream	Output target video control information.
TargetAudioInfo	No	RebuildMediaTargetAudioStream	Output target audio control information.
Container	No	String	Output file encapsulation format, optional values: mp4, flv, hls.
RemoveVideo	No	Integer	Whether to remove video data, optional values: • 0: Keep • 1: Remove Default value 0.
RemoveAudio	No	Integer	Whether to remove audio data, optional values: • 0: Keep • 1: Remove Default value 0.

3. Output Parameters

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

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4. Example

Example1 Modify rebuild media template.

Modify rebuild media template.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyEnhanceMediaTemplate
<Public Request Parameter>

{
"Definition": 20001,
"Name": "testEnhanceName"
}
```

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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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

DescribeEnhanceMediaTemplates

Last updated：2025-04-27 17:14:52

1. API Description

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

Describe Enhance Media 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: DescribeEnhanceMediaTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Definitions.N	No	Array of Integer	List of Enhance media templates. Length limit: 100.
Type	No	String	Template type filter conditions, optional values:

			• Preset: system preset template; • Custom: user-defined template.
Offset	No	Integer	Paging offset, default value: 0.
Limit	No	Integer	Returns the number of records, default value: 10, maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	The total number of records matching the filter criteria.
RebuildMediaTemplateSet	Array of RebuildMediaTemplate	Detailed list of Rebuild Media templates.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Describe Enhance Media Templates.

Describe Enhance Media Templates.

Input Example

```
POST / HTTP/1.1
Host: vod.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeEnhanceMediaTemplates
<Public Request Parameter>

{
"Definitions": [
20001
]
}
```

Output Example


```
{
"Response": {
"TotalCount": 1,
"RebuildMediaTemplateSet": [
{
"Definition": 20001,
"Type": "preset",
"Name": "test",
"Comment": "",
"RebuildVideoInfo": null,
"RebuildAudioInfo": null,
"TargetVideoInfo": null,
"TargetAudioInfo": null,
"Container": "mp4",
"RemoveVideo": 0,
"RemoveAudio": 0,
"CreateTime": "",
"UpdateTime": ""
}
],
"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	Operation failed.

Task Flow APIs
CreateProcedureTemplate

Last updated：2025-04-24 16:46:44

1. API Description

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

This API is used to create a custom task flow template. Up to 50 templates can be created.

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: CreateProcedureTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17
Region	No	String	Common Params. This parameter is not required.
Name	Yes	String	Task flow name (up to 20 characters).
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from**

			December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.
Comment	No	String	Template description. Length limit: 256 characters.
MediaProcessTask	No	MediaProcessTaskInput	Parameter of video processin task.
AiContentReviewTask	No	AiContentReviewTaskInput	The information of the intelligent moderation task*. *: This parameter is used by our old moderation templates and is not recommended. Please use `ReviewAudioVideoTask` instead.
AiAnalysisTask	No	AiAnalysisTaskInput	Parameter of AI-based content analysis task.
AiRecognitionTask	No	AiRecognitionTaskInput	Type parameter of AI-based content recognition task.
ReviewAudioVideoTask	No	ProcedureReviewAudioVideoTaskInput	The information of the moderation task.

3. Output Parameters

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

4. Example

Example1 Creating a task flow template to initiate an intelligent recognition task

This example shows you how to create a task flow template named "My Task Flow" to recognize pornographic, terrorism, and politically sensitive content using an intelligent recognition template (ID: 10).

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateProcedureTemplate
&Name=My Task Flow
&AiContentReviewTask.Definition=10
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```

Example2 Creating a task flow template to initiate transcoding tasks

This example shows you how to create a task flow template named "My Task Flow" to transcode a video into outputs in three formats (20, 30, and 40).

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateProcedureTemplate
&Name=My Task Flow
&MediaProcessTask.TranscodeTaskSet.0.Definition=20
&MediaProcessTask.TranscodeTaskSet.1.Definition=30
&MediaProcessTask.TranscodeTaskSet.2.Definition=40
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```

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Example3 Creating a task flow template to initiate transcoding tasks with watermarked outputs

This example shows you how to create a task flow template named "My Task Flow" to transcode a video into outputs in three formats (20, 30, and 40), and to watermark each output video using a watermark template (ID: 15780).

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateProcedureTemplate
&Name=My Task Flow
&MediaProcessTask.TranscodeTaskSet.0.Definition=20
&MediaProcessTask.TranscodeTaskSet.0.WatermarkSet.0.Definition=15780
&MediaProcessTask.TranscodeTaskSet.0.WatermarkSet.0.EndTimeOffset=0.0
&MediaProcessTask.TranscodeTaskSet.0.WatermarkSet.0.StartTimeOffset=0.0
&MediaProcessTask.TranscodeTaskSet.0.WatermarkSet.0.TextContent=
&MediaProcessTask.TranscodeTaskSet.0.WatermarkSet.0.SvgContent=
&MediaProcessTask.TranscodeTaskSet.1.Definition=30
&MediaProcessTask.TranscodeTaskSet.1.WatermarkSet.0.Definition=15780
&MediaProcessTask.TranscodeTaskSet.1.WatermarkSet.0.EndTimeOffset=0.0
&MediaProcessTask.TranscodeTaskSet.1.WatermarkSet.0.StartTimeOffset=0.0
&MediaProcessTask.TranscodeTaskSet.1.WatermarkSet.0.TextContent=
&MediaProcessTask.TranscodeTaskSet.1.WatermarkSet.0.SvgContent=
&MediaProcessTask.TranscodeTaskSet.2.Definition=40
&MediaProcessTask.TranscodeTaskSet.2.WatermarkSet.0.Definition=15780
&MediaProcessTask.TranscodeTaskSet.2.WatermarkSet.0.EndTimeOffset=0.0
&MediaProcessTask.TranscodeTaskSet.2.WatermarkSet.0.StartTimeOffset=0.0
&MediaProcessTask.TranscodeTaskSet.2.WatermarkSet.0.TextContent=
&MediaProcessTask.TranscodeTaskSet.2.WatermarkSet.0.SvgContent=
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```

Example4 Creating a task flow template to initiate transcoding and sampled screenshot tasks

This example shows you how to create a task flow template named "My Task Flow" to transcode a video into outputs in three formats (20, 30, and 40) and take sampled screenshots by using a sampled screenshot template (ID: 10).

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=CreateProcedureTemplate
&Name=My Task Flow
&MediaProcessTask.TranscodeTaskSet.0.Definition=20
&MediaProcessTask.TranscodeTaskSet.1.Definition=30
&MediaProcessTask.TranscodeTaskSet.2.Definition=40
&MediaProcessTask.SampleSnapshotTaskSet.0.Definition=10
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```

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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameter.ExistedProcedureName	The task flow template name already exists.
InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
LimitExceeded	Quota limit is exceeded.
UnauthorizedOperation	Unauthorized operation.

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DescribeProcedureTemplates

Last updated：2025-04-24 16:46:42

1. API Description

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

This API is used to get the list of task flow template details by task flow template 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: DescribeProcedureTemplates.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**
Names.N	No	Array of String	Name filter of task flow template. Array length limit: 100.
Type	No	String	Filter of task flow template types. Valid values: • Preset: preset task flow template;

			• Custom: custom task flow template.
Offset	No	Integer	Pagination offset. Default value: 0.
Limit	No	Integer	Number of returned entries. Default value: 10. Maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries.
ProcedureTemplateSet	Array of ProcedureTemplate	List of task flow template details.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Query the specified task flow template

Query the details of the task flow template named "My Task Flow A"

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeProcedureTemplates
&Names.0=My task flow A
&<Public Request Parameter>
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"ProcedureTemplateSet": [
{
"Name": "My task flow A",
"Type": "Custom",
"Comment": "My task flow A",
```

```
"UpdateTime": "2018-10-01T18:00:00",
"CreateTime": "2018-10-01T18:00:00",
"MediaProcessTask": {
"TranscodeTaskSet": [
{
"Definition": 20,
"WatermarkSet": [],
"MosaicSet": [],
"TraceWatermark": {
"Switch": "OFF",
"Definition": 0
},
"StartTimeOffset": 0,
"CopyRightWatermark": {
"Text": ""
},
"HeadTailSet": [],
"EndTimeOffset": 0
},
{
"Definition": 30,
"WatermarkSet": [],
"MosaicSet": [],
"TraceWatermark": {
"Switch": "OFF",
"Definition": 0
},
"StartTimeOffset": 0,
"CopyRightWatermark": {
"Text": ""
},
"HeadTailSet": [],
"EndTimeOffset": 0
},
{
"Definition": 40,
"WatermarkSet": [],
"MosaicSet": [],
"TraceWatermark": {
"Switch": "OFF",
"Definition": 0
},
"StartTimeOffset": 0,
"CopyRightWatermark": {
"Text": ""
},
"HeadTailSet": [],
```

```
"EndTimeOffset": 0
}
],
"AnimatedGraphicTaskSet": [],
"SnapshotByTimeOffsetTaskSet": [],
"SampleSnapshotTaskSet": [],
"ImageSpriteTaskSet": [],
"CoverBySnapshotTaskSet": []
},
"AiContentReviewTask": null,
"AiAnalysisTask": null,
"AiRecognitionTask": null,
"MiniProgramPublishTask": null,
"ReviewAudioVideoTask": null
}
],
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```


Example2 Query all task flow templates

Query the details of all task flow templates. A total of 3 task flow templates were found.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DescribeProcedureTemplates
&<Public Request Parameter>
```

Output Example


```
{
"Response": {
"TotalCount": 3,
"ProcedureTemplateSet": [
{
"Name": "My task flow A",
"Type": "Custom",
"Comment": "My task flow A",
"UpdateTime": "2018-10-01T18:00:00",
"CreateTime": "2018-10-01T18:00:00",
"MediaProcessTask": {
"TranscodeTaskSet": [
{
"Definition": 20,
"WatermarkSet": [],
```

```
"MosaicSet": [],
"TraceWatermark": {
"Switch": "OFF",
"Definition": 0
},
"StartTimeOffset": 0,
"CopyRightWatermark": {
"Text": ""
},
"HeadTailSet": [],
"EndTimeOffset": 0
},
{
"Definition": 30,
"WatermarkSet": [],
"MosaicSet": [],
"TraceWatermark": {
"Switch": "OFF",
"Definition": 0
},
"StartTimeOffset": 0,
"CopyRightWatermark": {
"Text": ""
},
"HeadTailSet": [],
"EndTimeOffset": 0
},
{
"Definition": 40,
"WatermarkSet": [],
"MosaicSet": [],
"TraceWatermark": {
"Switch": "OFF",
"Definition": 0
},
"StartTimeOffset": 0,
"CopyRightWatermark": {
"Text": ""
},
"HeadTailSet": [],
"EndTimeOffset": 0
}
],
"AnimatedGraphicTaskSet": [],
"SnapshotByTimeOffsetTaskSet": [],
"SampleSnapshotTaskSet": [],
"ImageSpriteTaskSet": [],
```

```
"CoverBySnapshotTaskSet": []
},
"AiContentReviewTask": null,
"AiAnalysisTask": null,
"AiRecognitionTask": null,
"MiniProgramPublishTask": null,
"ReviewAudioVideoTask": null
},
{
"Name": "My task flowB",
"Type": "Custom",
"Comment": "My task flowB",
"UpdateTime": "2018-10-01T18:00:00",
"CreateTime": "2018-10-01T18:00:00",
"MediaProcessTask": {
"TranscodeTaskSet": [
{
"Definition": 20,
"WatermarkSet": [
{
"Definition": 15780,
"TextContent": ""
}
],
"MosaicSet": [],
"TraceWatermark": {
"Switch": "OFF",
"Definition": 0
},
"StartTimeOffset": 0,
"CopyRightWatermark": {
"Text": ""
},
"HeadTailSet": [],
"EndTimeOffset": 0
},
{
"Definition": 30,
"WatermarkSet": [
{
"Definition": 15780,
"TextContent": ""
}
],
"MosaicSet": [],
"TraceWatermark": {
"Switch": "OFF",
```

```
"Definition": 0
},
"StartTimeOffset": 0,
"CopyRightWatermark": {
"Text": ""
},
"HeadTailSet": [],
"EndTimeOffset": 0
},
{
"Definition": 40,
"WatermarkSet": [
{
"Definition": 15780,
"TextContent": ""
}
],
"MosaicSet": [],
"TraceWatermark": {
"Switch": "OFF",
"Definition": 0
},
"StartTimeOffset": 0,
"CopyRightWatermark": {
"Text": ""
},
"HeadTailSet": [],
"EndTimeOffset": 0
}
],
"AnimatedGraphicTaskSet": [],
"SnapshotByTimeOffsetTaskSet": [],
"SampleSnapshotTaskSet": [],
"ImageSpriteTaskSet": [],
"CoverBySnapshotTaskSet": []
},
"AiContentReviewTask": null,
"AiAnalysisTask": null,
"AiRecognitionTask": null,
"MiniProgramPublishTask": null,
"ReviewAudioVideoTask": null
},
{
"Name": "My task flowC",
"Type": "Custom",
"Comment": "My task flowC",
"UpdateTime": "2018-10-01T18:00:00",
```


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```
"CreateTime": "2018-10-01T18:00:00",
"MediaProcessTask": null,
"AiContentReviewTask": {
"Definition": 10
},
"AiAnalysisTask": null,
"AiRecognitionTask": null,
"MiniProgramPublishTask": null,
"ReviewAudioVideoTask": null
}
],
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```


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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameterValue.Limit	Invalid parameter: Limit.
InvalidParameterValue.Names	Too many elements in the `Names` array.
InvalidParameterValue.Type	Incorrect `Type` parameter value.
UnauthorizedOperation	Unauthorized operation.

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ResetProcedureTemplate

Last updated：2025-04-24 16:46:41

1. API Description

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

This API is used to modify a custom task flow template.

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: ResetProcedureTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17
Region	No	String	Common Params. This parameter is not required.
Name	Yes	String	Task flow name
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default**

			application or a newly created one), they must fill in this field with the application ID.
Comment	No	String	Template description. Length limit: 256 characters.
MediaProcessTask	No	MediaProcessTaskInput	Parameter of video processin task.
AiContentReviewTask	No	AiContentReviewTaskInput	The information of an intelligent moderation task*. *: This parameter is used by our old moderation templates and is not recommended. Please use `ReviewAudioVideoTask` instead.
AiAnalysisTask	No	AiAnalysisTaskInput	Parameter of AI-based content analysis task.
AiRecognitionTask	No	AiRecognitionTaskInput	Type parameter of AI-based content recognition task.
ReviewAudioVideoTask	No	ProcedureReviewAudioVideoTaskInput	The information of the moderation task.

3. Output Parameters

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

4. Example

Example1 Modifying a task flow template

This example shows you how to modify the task flow named "My Task Flow". Specifically, the transcoding template IDs bound to the task flow are changed to 220, 230, and 240.

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=ResetProcedureTemplate
&Name=My Task Flow
&MediaProcessTask.TranscodeTaskSet.0.Definition=220
&MediaProcessTask.TranscodeTaskSet.1.Definition=230
&MediaProcessTask.TranscodeTaskSet.2.Definition=240
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```

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

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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.InvalidVodUser	The VOD service is not activated.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameter.ProcedureNameNotExist	The task flow template name does not exist.
InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
UnauthorizedOperation	Unauthorized operation.

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DeleteProcedureTemplate

Last updated：2025-04-24 16:46:43

1. API Description

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

Delete user-created task flow templates.

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: DeleteProcedureTemplate.
Version	Yes	String	Common Params. The value used for this API: 2018-07-17.
Region	No	String	Common Params. This parameter is not required.
Name	Yes	String	Task flow name.
SubAppId	No	Integer	**The VOD application ID. For customers who activate VOD service from December 25, 2023, if they want to access resources in a VOD application (whether it's the default application or a newly created one), they must fill in this field with the application ID.**

3. Output Parameters

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

4. Example

Example1 Deleting a task flow template with a specified name

This example shows you how to delete the task flow template named "My Task Flow".

Input Example

```
https://vod.intl.tencentcloudapi.com/?Action=DeleteProcedureTemplate
&Name=My Task Flow
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3"
}
}
```

5. Developer Resources

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- Tencent Cloud SDK 3.0 for .NET

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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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InvalidParameter	Invalid parameter.
InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
UnauthorizedOperation	Unauthorized operation.

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Data Types

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AIAnalysisTemplateItem

AI-based intelligent analysis template details

Used by actions: DescribeAIAnalysisTemplates.

Name	Type	Description
Definition	Integer	Unique ID of intelligent analysis template.
Name	String	Intelligent analysis template name.
Comment	String	Intelligent analysis template description.
ClassificationConfigure	ClassificationConfigureInfo	Control parameter of intelligent categorization task. Note: this field may return null, indicating that no valid values can be obtained.
TagConfigure	TagConfigureInfo	Control parameter of intelligent tagging task. Note: this field may return null, indicating that no valid values can be obtained.
CoverConfigure	CoverConfigureInfo	Control parameter of intelligent cover generating task. Note: this field may return null, indicating that no valid values can be obtained.
FrameTagConfigure	FrameTagConfigureInfo	Control parameter of intelligent frame-specific tagging task. Note: this field may return null, indicating that no valid values can be obtained.
HighlightConfigure	HighlightsConfigureInfo	Control parameter of an intelligent highlight generating task.
CreateTime	String	Creation time of template in ISO date format.
UpdateTime	String	Last modified time of template in ISO date format.

AIRecognitionTemplateItem

Video content recognition template details.

Used by actions: DescribeAIRecognitionTemplates.

Name	Type	Description
Definition	Integer	Unique ID of video content recognition template.
Name	String	Video content recognition template name.
Comment	String	Video content recognition template description.
Type	String	Template type, values: • Preset: system preset template; • Custom: user-defined template.
HeadTailConfigure	HeadTailConfigureInfo	Control parameter of opening and closing credits recognition. Note: this field may return null, indicating that no valid values can be obtained.
SegmentConfigure	SegmentConfigureInfo	Control parameter of splitting recognition. Note: this field may return null, indicating that no valid values can be obtained.
FaceConfigure	FaceConfigureInfo	Face recognition control parameter. Note: this field may return null, indicating that no valid values can be obtained.
OcrFullTextConfigure	OcrFullTextConfigureInfo	Full text recognition control parameter. Note: this field may return null, indicating that no valid values can be obtained.
OcrWordsConfigure	OcrWordsConfigureInfo	Text keyword recognition control parameter. Note: this field may return null, indicating that no valid values can be obtained.
AsrFullTextConfigure	AsrFullTextConfigureInfo	Full speech recognition control parameter. Note: this field may return null, indicating that no valid values can be obtained.
AsrWordsConfigure	AsrWordsConfigureInfo	Speech keyword recognition control parameter. Note: this field may return null, indicating that no valid values can be obtained.
AsrTranslateConfigure	AsrTranslateConfigureInfo	Voice translation control parameter. Note: this field may return null, indicating that no valid values can be obtained.

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ObjectConfigure	ObjectConfigureInfo	Control parameter of object recognition. Note: this field may return null, indicating that no valid values can be obtained.
ScreenshotInterval	Float	Screencapturing interval in seconds.
CreateTime	String	Creation time of template in ISO date format.
UpdateTime	String	Last modified time of template in ISO date format.

AbnormalLightingConfigureInfo

Control parameters for detecting low brightness and overexposure of video.

Used by actions: CreateQualityInspectTemplate, DescribeQualityInspectTemplates.

Name	Type	Required	Description
Switch	String	Yes	low brightness and overexposure inspection switch, optional values: • ON: enabled; • OFF: disabled.

AbnormalLightingConfigureInfoForUpdate

Control parameters for detecting low brightness and overexposure of video.

Used by actions: ModifyQualityInspectTemplate.

Name	Type	Required	Description
Switch	String	No	low brightness and overexposure inspection switch, optional values: • ON: enabled; • OFF: disabled.

AccelerateAreaInfo

Acceleration region information of the domain name

Used by actions: DescribeVodDomains.

Name	Type	Description
Area	String	Acceleration region. Valid values: • Chinese Mainland • Outside Chinese Mainland
TencentDisableReason	String	Reason why acceleration is disabled by Tencent Cloud. Valid values: • ForLegalReasons: legal reasons • ForOverdueBills: overdue payment
TencentEdgeDomain	String	CNAME of the acceleration domain name

AdaptiveDynamicStreamingInfoItem

Adaptive bitrate streaming information

Used by actions: DescribeMediaInfos, DescribeTaskDetail, PullEvents, SearchMedia.

Name	Type	Description
Definition	Integer	Adaptive bitrate streaming specification.
Package	String	The packaging format. Valid values: • `HLS` • `DASH`
DrmType	String	Encryption type.
Url	String	Playback address.
Size	Integer	File size (bytes) • If the file is an HLS file, the value of this parameter is the sum of the size of the M3U8 and TS files. • If the file is a DASH file, the value of this parameter is the sum of the size of the MPD and segment files. • Note: For adaptive bitrate streaming files generated before 2022-01-10T16:00:00Z, the value of this parameter is `0`.
DigitalWatermarkType	String	Digital watermark type. Optional values: • Trace means traceability watermark processing; • CopyRight means copyright watermark processing;

		• None means no digital watermark processing.
SubStreamSet	Array of MediaSubStreamInfoItem	The information of the streams.
CopyRightWatermarkText	String	Copyright Information.

AdaptiveDynamicStreamingTaskInput

Input parameter type of adaptive bitrate streaming

Used by actions: CreateProcedureTemplate, DescribeTaskDetail, ProcessMedia, PullEvents, ResetProcedureTemplate.

Name	Type	Required	Description
Definition	Integer	Yes	Adaptive bitrate streaming template ID.
WatermarkSet	Array of WatermarkInput	No	List of up to 10 image or text watermarks. Note: this field may return null, indicating that no valid values can be obtained.
TraceWatermark	TraceWatermarkInput	No	Digital watermark.
CopyRightWatermark	CopyRightWatermarkInput	No	CopyRight Watermark.
SubtitleSet	Array of String	No	List of subtitle IDs (maximum: 16)

AdaptiveDynamicStreamingTemplate

Details of a transcoding to adaptive bitrate streaming template

Used by actions: DescribeAdaptiveDynamicStreamingTemplates.

Name	Type	Description
Definition	Integer	Unique ID of a transcoding to adaptive bitrate streaming template.
Type	String	Template type. Valid values: • Preset: preset template; • Custom: custom template.
Name	String	Name of a transcoding to adaptive bitrate

		streaming template.
Comment	String	Description of a transcoding to adaptive bitrate streaming template.
Format	String	Adaptive bitstream format. Valid value: • HLS.
DrmType	String	The DRM type. Valid values: • SimpleAES • Widevine • FairPlay If this parameter is an empty string, it indicates that the video is not protected by DRM.
DrmKeyProvider	String	The provider of the DRM key. Valid values: • SDMC • VOD The default is `VOD` .
StreamInfos	Array of AdaptiveStreamTemplate	Parameter information of input stream for adaptive bitrate streaming. Up to 10 streams can be input.
DisableHigherVideoBitrate	Integer	Whether to prohibit transcoding from low bitrate to high bitrate. Valid values: • 0: no, • 1: yes.
DisableHigherVideoResolution	Integer	Whether to prohibit transcoding from low resolution to high resolution. Valid values: • 0: no, • 1: yes.
CreateTime	String	Creation time of template in ISO date format.
UpdateTime	String	Last modified time of template in ISO date format.
SegmentType	String	The segment type. This parameter is valid only if `Format` is `HLS` .

AdaptiveStreamTemplate

Adaptive bitrate streaming parameter template

Used by actions: CreateAdaptiveDynamicStreamingTemplate, DescribeAdaptiveDynamicStreamingTemplates, ModifyAdaptiveDynamicStreamingTemplate.

Name	Type	Required	Description
Video	VideoTemplateInfo	Yes	Video parameter information.
Audio	AudioTemplateInfo	Yes	Audio parameter information.
RemoveAudio	Integer	No	Whether to remove audio stream. Valid values: • 0: no, • 1: yes.
RemoveVideo	Integer	No	Whether to remove a video stream. Valid values: • 0: no • 1: yes
TEHDConfig	TEHDConfig	No	TESHD transcoding parameters Note: This field may return `null`, indicating that no valid value was found.

AiAnalysisResult

Intelligent analysis result

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Type	String	Task type. Valid values: • Classification: intelligent categorization • Cover: intelligent cover generating • Tag: intelligent tagging • FrameTag: intelligent frame tagging • Highlight: intelligent highlight generating
ClassificationTask	AiAnalysisTaskClassificationResult	Query result of intelligent categorization task in video content analysis, which is valid if task type is `Classification`. Note: this field may return null, indicating that no valid values can be obtained.
CoverTask	AiAnalysisTaskCoverResult	Query result of intelligent cover generating task in

		video content analysis, which is valid if task type is `Cover`. Note: this field may return null, indicating that no valid values can be obtained.
TagTask	AiAnalysisTaskTagResult	Query result of intelligent tagging task in video content analysis, which is valid if task type is `Tag`. Note: this field may return null, indicating that no valid values can be obtained.
FrameTagTask	AiAnalysisTaskFrameTagResult	Query result of intelligent frame-specific tagging task in video content analysis, which is valid if task type is `FrameTag`. Note: this field may return null, indicating that no valid values can be obtained.
HighlightTask	AiAnalysisTaskHighlightResult	Query result of an intelligent highlight generating task in video content analysis, which is valid when task type is `Highlight`. Note: this field may return null, indicating that no valid values can be obtained.

AiAnalysisTaskClassificationInput

Input type of intelligent categorization task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	Intelligent video categorization template ID.

AiAnalysisTaskClassificationOutput

Result information of intelligent categorization

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
ClassificationSet	Array of MediaAiAnalysisClassificationItem	List of intelligently generated video ca Note: This list displays the first 100 re

		You can get all the results from the file specified by `ClassificationSet`
ClassificationSetFileUrl	String	URL to the file for intelligently generat categories. The file is in JSON format same data structure as `Classific` Instead of being saved permanently, t deleted upon the expiration time spec `ClassificationSetFileUrlEx`
ClassificationSetFileUrlExpireTime	String	Expiration time of the URL to the file f generated video categories, in ISO da

AiAnalysisTaskClassificationResult

Result type of intelligent categorization task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt` .
Message	String	Error message.
Input	AiAnalysisTaskClassificationInput	Input of intelligent categorization task.
Output	AiAnalysisTaskClassificationOutput	Output of intelligent categorization task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	The progress of an intelligent categorization task. Value range: 0-100.
BeginProcessTime	String	The time when the intelligent classification task

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		started to be executed, using ISO date format.
FinishTime	String	The time when the intelligent classification task is completed, using ISO date format.

AiAnalysisTaskCoverInput

Input type of intelligent categorization task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	Intelligent video cover generating template ID.

AiAnalysisTaskCoverOutput

Result information of intelligent cover generating

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
CoverSet	Array of MediaAiAnalysisCoverItem	List of intelligently generated thumbnails Note: This list displays the first 100 results at most. You can get all the results from the file at the URL specified by `CoverSetFileUrl` .
CoverSetFileUrl	String	URL to the file for intelligently generated thumbnails. The file is in JSON format and has the same data structure as `CoverSet` . Instead of being saved permanently, the file is deleted upon the expiration time specified by `CoverSetFileUrlExpireTime` .
CoverSetFileUrlExpireTime	String	Expiration time of the URL to the file for intelligently generated thumbnails, in ISO date format

AiAnalysisTaskCoverResult

Result type of intelligent cover generating task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message.
Input	AiAnalysisTaskCoverInput	Input of intelligent cover generating task.
Output	AiAnalysisTaskCoverOutput	Output of intelligent cover generating task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	The progress of an intelligent thumbnail generation task. Value range: 0-100.
BeginProcessTime	String	The time when the smart cover task started to be executed, using ISO date format.
FinishTime	String	The time when the smart cover task is completed, using ISO date format.

AiAnalysisTaskFrameTagInput

Input type of intelligent frame-specific tagging task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	Intelligent frame-specific video tagging template ID.

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AiAnalysisTaskFrameTagOutput

Result information of intelligent frame-specific tagging

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
SegmentSet	Array of MediaAiAnalysisFrameTagSegmentItem	List of frame-specific video tags Note: This list displays the first 100 results at most. You can get all the results from the file at the URL spec by `SegmentSetFileUrl` .
SegmentSetFileUrl	String	URL to the file for frame-specific vic tags. The file is in JSON format and the same data structure as `SegmentSet` . Instead of being s permanently, the file is deleted upor expiration time specified by `SegmentSetFileUrlExpireT`
SegmentSetFileUrlExpireTime	String	Expiration time of the URL to the file frame-specific video tags, in ISO da format

AiAnalysisTaskFrameTagResult

Result type of intelligent frame-specific tagging

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to

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		use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message.
Input	AiAnalysisTaskFrameTagInput	Input of intelligent frame-specific tagging task.
Output	AiAnalysisTaskFrameTagOutput	Output of intelligent frame-specific tagging task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	The progress of an intelligent labeling by frame task. Value range: 0-100.
BeginProcessTime	String	The time when the intelligent frame labeling task started execution, using ISO date format.
FinishTime	String	The time when the intelligent frame labeling task is completed, using ISO date format.

AiAnalysisTaskHighlightInput

Input type of an intelligent highlight generating task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	ID of an intelligent highlight generating template.

AiAnalysisTaskHighlightOutput

Information of the intelligent highlight generating result

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
HighlightSet	Array of MediaAiAnalysisHighlightItem	List of intelligently generated highlights Note: This list displays the first 100 results at most. You can get all the results from the file at the URL specified by `HighlightSetFileUrl`.

HighlightSetFileUrl	String	URL to the file for intelligently generated highlights. The file is in JSON format and has the same data structure as `HighlightSet`. Instead of being saved permanently, the file is deleted upon the expiration time specified by `HighlightSetFileUrlExpireTime`.
HighlightSetFileUrlExpireTime	String	Expiration time of the URL to the file for intelligently generated highlights, in ISO date format

AiAnalysisTaskHighlightResult

Result type of an intelligent highlight generating task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message.
Input	AiAnalysisTaskHighlightInput	Input for an intelligent highlight generating task.
Output	AiAnalysisTaskHighlightOutput	Output of an intelligent highlight generating task. Note: This field may return null, indicating that no valid values can be obtained.
Progress	Integer	The progress of an intelligent highlight generation task. Value range: 0-100.
BeginProcessTime	String	The time when the smart highlight task started execution, in ISO date format.

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FinishTime	String	The time the smart highlight task completed, in ISO date format.

AiAnalysisTaskInput

Input parameter type of AI-based intelligent video analysis

Used by actions: CreateProcedureTemplate, DescribeProcedureTemplates, ProcessMedia, ProcessMediaByUrl, ResetProcedureTemplate.

Name	Type	Required	Description
Definition	Integer	Yes	Video content analysis template ID.

AiAnalysisTaskTagInput

Input type of intelligent tagging task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	Intelligent video tagging template ID.

AiAnalysisTaskTagOutput

Result information of intelligent tagging

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TagSet	Array of MediaAiAnalysisTagItem	List of intelligently generated video tags Note: This list displays the first 100 results at most. You can get all the results from the file at the URL specified by `TagSetFileUrl`.
TagSetFileUrl	String	URL to the file for intelligently generated video tags. The file is in JSON format and has the same data structure as `TagSet`. Instead of being saved

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		permanently, the file is deleted upon the expiration time specified by `TagSetFileUrlExpireTime`.
TagSetFileUrlExpireTime	String	Expiration time of the URL to the file for intelligently generated video tags, in ISO date format

AiAnalysisTaskTagResult

Result type of intelligent tagging task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message.
Input	AiAnalysisTaskTagInput	Input of intelligent tagging task.
Output	AiAnalysisTaskTagOutput	Output of intelligent tagging task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	The progress of an intelligent labeling task. Value range: 0-100.
BeginProcessTime	String	The time when the smart label task started executing, using ISO date format.
FinishTime	String	The time when the smart label task is completed, using ISO date format.

AiContentReviewResult

Intelligent recognition result

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Type	String	Task type. Valid values: • `Porn` : porn information recognition in images • `Terrorism` : terrorism information recognition in images • `Political` : politically sensitive information recognition in images • `Porn.Asr` : ASR-based porn information recognition in speech • `Porn.Ocr` : OCR-based porn information recognition in text • `Political.Asr` : ASR-based politically sensitive information recognition in speech • `Political.Ocr` : OCR-based politically sensitive information recognition in text • `Terrorism.Ocr` : OCR-based terrorism information recognition in text • `Prohibited.Asr` : ASR-based prohibited information recognition in speech • `Prohibited.Ocr` : OCR-based prohibited information recognition in text
PornTask	AiReviewTaskPornResult	Result for intelligent recognition of pornographic content in images. This parameter is valid when `Type` is `Porn` . Note: This field may return `null` , indicating that no valid value can be found.
TerrorismTask	AiReviewTaskTerrorismResult	Result for intelligent recognition of terrorism content in images. This parameter is valid when `Type` is `Terrorism` . Note: This field may return `null` , indicating that no valid value can be found.
PoliticalTask	AiReviewTaskPoliticalResult	Result for intelligent recognition of politically sensitive content in images. This parameter is valid when `Type` is `Political` . Note: This field may return `null` , indicating that no valid value can be found.

PornAsrTask	AiReviewTaskPornAsrResult	Result for ASR-based recognition of pornographic content. This parameter is valid when `Type` is `Porn.Asr`. Note: This field may return `null`, indicating that no valid value can be found.
PornOcrTask	AiReviewTaskPornOcrResult	Result for OCR-based recognition of pornographic content. This parameter is valid when `Type` is `Porn.Ocr`. Note: This field may return `null`, indicating that no valid value can be found.
PoliticalAsrTask	AiReviewTaskPoliticalAsrResult	Result for ASR-based recognition of politically sensitive content. This parameter is valid when `Type` is `Political.Asr`. Note: This field may return `null`, indicating that no valid value can be found.
PoliticalOcrTask	AiReviewTaskPoliticalOcrResult	Result for OCR-based recognition of politically sensitive content. This parameter is valid when `Type` is `Political.Ocr`. Note: This field may return `null`, indicating that no valid value can be found.
TerrorismOcrTask	AiReviewTaskTerrorismOcrResult	Result for OCR-based recognition of terrorism content. This parameter is valid when `Type` is `Terrorism.Ocr`. Note: This field may return `null`, indicating that no valid value can be found.
ProhibitedOcrTask	AiReviewTaskProhibitedOcrResult	Result for OCR-based recognition of banned content. This parameter is valid when `Type` is `Prohibited.Ocr`. Note: This field may return `null`, indicating that no valid value can be found.
ProhibitedAsrTask	AiReviewTaskProhibitedAsrResult	Result for ASR-based recognition of banned content. This parameter is valid when `Type` is `Prohibited.Asr`. Note: This field may return `null`, indicating that no valid value can be found.

AiContentReviewTaskInput

Type of intelligent recognition task

Used by actions: CreateProcedureTemplate, DescribeProcedureTemplates, ProcessMedia, ProcessMediaByUrl, ResetProcedureTemplate.

Name	Type	Required	Description
Definition	Integer	Yes	Intelligent recognition template ID

AiRecognitionResult

Intelligent recognition result.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Type	String	Task type. Valid values: • FaceRecognition: face recognition, • AsrWordsRecognition: speech keyword recognition, • OcrWordsRecognition: text keyword recognition, • AsrFullTextRecognition: full speech recognition, • AsrTranslateRecognition: voice translation recognition, • OcrFullTextRecognition: full text recognition, • HeadTailRecognition: video opening and ending credits recognition, • ObjectRecognition: object recognition.
HeadTailTask	AiRecognitionTaskHeadTailResult	Video opening and ending credits recognition result, which is valid when `Type` is `HeadTailRecognition`. Note: this field may return null, indicating that no valid values can be obtained.
SegmentTask	AiRecognitionTaskSegmentResult	Video splitting recognition result, which is valid when `Type` is `SegmentRecognition`. Note: this field may return null, indicating that no valid values can be obtained.

FaceTask	AiRecognitionTaskFaceResult	Face recognition result, which is valid when `Type` is `FaceRecognition`. Note: this field may return null, indicating that no valid values can be obtained.
AsrWordsTask	AiRecognitionTaskAsrWordsResult	Speech keyword recognition result, which is valid when `Type` is `AsrWordsRecognition`. Note: this field may return null, indicating that no valid values can be obtained.
AsrFullTextTask	AiRecognitionTaskAsrFullTextResult	Full speech recognition result, which is valid when `Type` is `AsrFullTextRecognition`. Note: this field may return null, indicating that no valid values can be obtained.
AsrTranslateTask	AiRecognitionTaskAsrTranslateResult	Voice translation result, valid when Type is AsrTranslateRecognition.
OcrWordsTask	AiRecognitionTaskOcrWordsResult	Text keyword recognition result, which is valid when `Type` is `OcrWordsRecognition`. Note: this field may return null, indicating that no valid values can be obtained.
OcrFullTextTask	AiRecognitionTaskOcrFullTextResult	Full text recognition result, which is valid when `Type` is `OcrFullTextRecognition`. Note: this field may return null, indicating that no valid values can be obtained.
ObjectTask	AiRecognitionTaskObjectResult	Object recognition result, which is valid when `Type` is `ObjectRecognition`. Note: this field may return null, indicating that no valid values can be obtained.

AiRecognitionTaskAsrFullTextResult

Full speech recognition result.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message.
Input	AiRecognitionTaskAsrFullTextResultInput	Input information of full speech recognition task.
Output	AiRecognitionTaskAsrFullTextResultOutput	Output information of full speech recognition task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	Speech full-text recognition task progress, value range [0-100].
BeginProcessTime	String	The time when the full-text speech recognition task started, using ISO date format.
FinishTime	String	The time when the speech full-text recognition task was completed, using ISO date format.

AiRecognitionTaskAsrFullTextResultInput

Input of full speech recognition.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description

Definition	Integer	Full speech recognition template ID.

AiRecognitionTaskAsrFullTextResultOutput

Full speech recognition result.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
SegmentSet	Array of AiRecognitionTaskAsrFullTextSegmentItem	List of full-text speec segments Note: this list displa results. You can get the file whose URL i `SegmentSetFile`
SegmentSetFileUrl	String	URL to the file of the speech recognition s format is JSON, and the same as `Segm` will be deleted upon `SegmentSetFile` instead of being stor
SegmentSetFileUrlExpireTime	String	The expiration time text speech recognit date format.
SubtitleSet	Array of AiRecognitionTaskAsrFullTextResultOutputSubtitleItem	The subtitle files ger format is determine `SubtitleFormat` AsrFullTextConfigur
SubtitleUrl	String	The URLs of the sub whose format is dete `SubtitleFormat` AsrFullTextConfigur

AiRecognitionTaskAsrFullTextResultOutputSubtitleItem

Subtitle information.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Id	String	Media asset subtitle ID, used for media asset subtitle management, only valid when Format is vtt. Note: Tasks before 2024-11-01T10:00:00Z return this field as invalid.
Name	String	Media asset subtitle name, used for player display, only valid when Format is vtt. Note: Tasks before 2024-11-01T10:00:00Z return this field as invalid.
Language	String	Subtitle Language.
Format	String	The format of the subtitle files. Valid values: • vtt • srt
Url	String	The URL of a subtitle file.

AiRecognitionTaskAsrFullTextSegmentItem

Full speech recognition segment.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Confidence	Float	Confidence of recognized segment. Value range: 0-100.
StartTimeOffset	Float	Start time offset of recognized segment in seconds.
EndTimeOffset	Float	End time offset of recognition segment in seconds.
Text	String	Recognized text.

AiRecognitionTaskAsrTranslateResult

Voice translation result.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values:

		PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. It is not recommended to use this parameter, but to use the new parameter `ErrCodeExt` .
Message	String	Error message.
Input	AiRecognitionTaskAsrTranslateResultInput	Input information of the voice translation task.
Output	AiRecognitionTaskAsrTranslateResultOutput	Output information of the voice translation task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	Progress of the voice translation task, value range [0-100].
BeginProcessTime	String	Begin process time of the voice translation task, in ISO date format.
FinishTime	String	The time when the voice translation task is completed, in ISO date format.

AiRecognitionTaskAsrTranslateResultInput

Input of voice translation.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	Voice translation template ID.

AiRecognitionTaskAsrTranslateResultOutput

Voice translation result.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
SegmentSet	Array of AiRecognitionTaskAsrTranslateSegmentItem	Voice translation seg Note: This list displa results at most. You results from the file a by `SegmentSetF`
SegmentSetFileUrl	String	URL to the file of the translation segments JSON, and the data same as `Segment` be deleted upon the `SegmentSetFile` instead of being stor
SegmentSetFileUrlExpireTime	String	The expiration time translation segments
SubtitleSet	Array of AiRecognitionTaskAsrFullTextResultOutputSubtitleItem	Generated subtitle li

AiRecognitionTaskAsrTranslateSegmentItem

Voice translation segment.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Confidence	Float	Confidence level of the voice translation segment. Value: 0~100.
StartTimeOffset	Float	Start time offset of the voice translation segment in seconds.
EndTimeOffset	Float	End time offset of the voice translation segment in seconds.
Text	String	Recognized text.
Translation	String	The translation.

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AiRecognitionTaskAsrWordsResult

Speech keyword recognition result.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message.
Input	AiRecognitionTaskAsrWordsResultInput	Input information of speech keyword recognition task.
Output	AiRecognitionTaskAsrWordsResultOutput	Output information of speech keyword recognition task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	The progress of a speech keyword recognition task. Value range: 0-100.
BeginProcessTime	String	The time when the speech keyword recognition task started, using ISO date format.
FinishTime	String	The time when the speech keyword recognition task is completed, using ISO date format.

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AiRecognitionTaskAsrWordsResultInput

Input of speech keyword recognition.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	Speech keyword recognition template ID.

AiRecognitionTaskAsrWordsResultItem

Speech keyword recognition result.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Word	String	Speech keyword.
SegmentSet	Array of AiRecognitionTaskAsrWordsSegmentItem	List of time segments that contain the speech keyword.

AiRecognitionTaskAsrWordsResultOutput

Output of speech keyword recognition.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
ResultSet	Array of AiRecognitionTaskAsrWordsResultItem	Speech keyword recognition result set Note: this list displays up to the first 10(results. You can get all the results from the file whose URL is `SegmentSetFileUrl` .
ResultSetFileUrl	String	URL to the file of the speech keyword recognition result set. The file format is JSON, and the data structure is the same as `SegmentSet` . The file will be deleted upon the expiration time

		`SegmentSetFileUrlExpireTime` instead of being stored permanently.
ResultSetFileUrlExpireTime	String	Expiration time of the URL to the file of the speech keyword recognition result set, in ISO date format

AiRecognitionTaskAsrWordsSegmentItem

Speech recognition segment.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
StartTimeOffset	Float	Start time offset of recognized segment in seconds.
EndTimeOffset	Float	End time offset of recognition segment in seconds.
Confidence	Float	Confidence of recognized segment. Value range: 0-100.

AiRecognitionTaskFaceResult

Face recognition result.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt` .
Message	String	Error message.
Input	AiRecognitionTaskFaceResultInput	Input information of face recognition task.

Output	AiRecognitionTaskFaceResultOutput	Output information of face recognition task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	The progress of a face recognition task. Value range: 0-100.
BeginProcessTime	String	The time when the face recognition task started, using ISO date format.
FinishTime	String	The time when the face recognition task was completed, using ISO date format.

AiRecognitionTaskFaceResultInput

Face recognition input.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	Face recognition template ID.

AiRecognitionTaskFaceResultItem

Face recognition result

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Id	String	Unique ID of figure.
Type	String	Figure library type, indicating to which figure library the recognized figure belongs: • Default: default figure library; • UserDefine: custom figure library.
Name	String	Figure name.
SegmentSet	Array of AiRecognitionTaskFaceSegmentItem	Result set of segments that contain a figure.

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AiRecognitionTaskFaceResultOutput

Output of intelligent face recognition.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
ResultSet	Array of AiRecognitionTaskFaceResultItem	Intelligent face recognition result set Note: this list displays up to the first 100 results. You can get all the results from the file whose URL is `SegmentSetFileUrl`.
ResultSetFileUrl	String	URL to the file of the intelligent face recognition result set. The file format is JSON, and the data structure is the same as `SegmentSet`. The file will be deleted upon the expiration time `SegmentSetFileUrlExpireTime`, instead of being stored permanently.
ResultSetFileUrlExpireTime	String	Expiration time of the URL to the file of the intelligent face recognition result set, in ISO date format

AiRecognitionTaskFaceSegmentItem

Face recognition result segment

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
StartTimeOffset	Float	Start time offset of recognized segment in seconds.
EndTimeOffset	Float	End time offset of recognition segment in seconds.
Confidence	Float	Confidence of recognized segment. Value range: 0-100.
AreaCoordSet	Array of Integer	Zone coordinates of recognition result. The array contains four elements: [x1,y1,x2,y2], i.e., the horizontal and vertical coordinates of the top-left and bottom-right corners.

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AiRecognitionTaskHeadTailResult

Video opening and ending credits recognition result.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message.
Input	AiRecognitionTaskHeadTailResultInput	Input information of video opening and ending credits recognition task.
Output	AiRecognitionTaskHeadTailResultOutput	Output information of video opening and ending credits recognition task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	The progress of an opening/closing segment recognition task. Value range: 0-100.
BeginProcessTime	String	The time when the video start and end recognition task starts, using ISO date format.
FinishTime	String	The time when the video start and end recognition task is completed, using ISO date format.

AiRecognitionTaskHeadTailResultInput

Input of video opening and ending credits recognition.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	Video opening and ending credits recognition template ID.

AiRecognitionTaskHeadTailResultOutput

Output of video opening and ending credits recognition.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
HeadConfidence	Float	Confidence of recognized opening credits. Value range: 0-100.
HeadTimeOffset	Float	End time point of video opening credits in seconds.
TailConfidence	Float	Confidence of recognized closing credits. Value range: 0-100.
TailTimeOffset	Float	Start time point of video closing credits in seconds.

AiRecognitionTaskInput

Input parameter type of video content recognition

Used by actions: CreateProcedureTemplate, DescribeProcedureTemplates, ProcessMedia, ProcessMediaByUrl, ResetProcedureTemplate.

Name	Type	Required	Description
Definition	Integer	Yes	Intelligent video recognition template ID.

AiRecognitionTaskObjectResult

Object recognition result.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message.
Input	AiRecognitionTaskObjectResultInput	Input information of object recognition task.
Output	AiRecognitionTaskObjectResultOutput	Output information of object recognition task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	The progress of an object recognition task. Value range: 0-100.
BeginProcessTime	String	The time when the object recognition task started execution, using ISO date format.
FinishTime	String	The time when the object recognition task is completed, using ISO date format.

AiRecognitionTaskObjectResultInput

Input type of object recognition task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	Object recognition template ID.

AiRecognitionTaskObjectResultItem

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Single-object recognition result.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Name	String	Name of recognized object.
RecognitionSegmentSet	Array of AiRecognitionTaskObjectSegmentItem	List of fragments in which the object appears.

AiRecognitionTaskObjectResultOutput

Output of intelligent object recognition.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
ResultSet	Array of AiRecognitionTaskObjectResultItem	Intelligent object recognition result set Note: this list displays up to the first 100 results. You can get all the results from the file whose URL is `SegmentSetFileUrl`.
ResultSetFileUrl	String	URL to the file of the object recognition result set. The file format is JSON, and the data structure is the same as `SegmentSet`. The file will be deleted upon the expiration time `SegmentSetFileUrlExpireTime`, instead of being stored permanently.
ResultSetFileUrlExpireTime	String	Expiration time of the URL to the object recognition result set, in ISO date format

AiRecognitionTaskObjectSegmentItem

Object recognition result fragment.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description

StartTimeOffset	Float	Identifies the offset time of the beginning of the segment, in seconds.
EndTimeOffset	Float	Offset time to identify the end of the segment, in seconds.
Confidence	Float	Identify segment confidence. Value: 0~100.
AreaCoordSet	Array of Integer	The area coordinates of the recognition result. The array contains 4 elements [x1, y1, x2, y2], which in turn represent the horizontal and vertical coordinates of the upper left point and lower right point of the area.

AiRecognitionTaskOcrFullTextResult

Full text recognition result.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message.
Input	AiRecognitionTaskOcrFullTextResultInput	Input information of full text recognition task.
Output	AiRecognitionTaskOcrFullTextResultOutput	Output information of full text recognition task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	The progress of a full text recognition task. Value range: 0-100.

BeginProcessTime	String	The time when the full text recognition task started, using ISO date format.
FinishTime	String	The time when the full text recognition task was completed, using ISO date format.

AiRecognitionTaskOcrFullTextResultInput

Input of full text recognition.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	Full text recognition template ID.

AiRecognitionTaskOcrFullTextResultOutput

Output of full text recognition.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
SegmentSet	Array of AiRecognitionTaskOcrFullTextSegmentItem	Full-text recognition result set Note: this list displays up to the results. You can get all the resul the file whose URL is `SegmentSetFileUrl` .
SegmentSetFileUrl	String	URL to the file of the full-text rec result set. The file format is JSC the data structure is the same a `SegmentSet` . The file will be upon the expiration time `SegmentSetFileUrlExpir` instead of being stored permane
SegmentSetFileUrlExpireTime	String	Expiration time of the URL to the the full-text recognition result se date format

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AiRecognitionTaskOcrFullTextSegmentItem

Full text recognition segment.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
StartTimeOffset	Float	Start time offset of recognized segment in seconds.
EndTimeOffset	Float	End time offset of recognition segment in seconds.
TextSet	Array of AiRecognitionTaskOcrFullTextSegmentTextItem	Recognition segment result set.

AiRecognitionTaskOcrFullTextSegmentTextItem

Full text recognition segment.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Confidence	Float	Confidence of recognized segment. Value range: 0-100.
AreaCoordSet	Array of Integer	Zone coordinates of recognition result. The array contains four elements: [x1,y1,x2,y2], i.e., the horizontal and vertical coordinates of the top-left and bottom-right corners.
Text	String	Recognized text.

AiRecognitionTaskOcrWordsResult

Text keyword recognition result.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.

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ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message.
Input	AiRecognitionTaskOcrWordsResultInput	Input information of text keyword recognition task.
Output	AiRecognitionTaskOcrWordsResultOutput	Output information of text keyword recognition task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	The progress of a text keyword recognition task. Value range: 0-100.
BeginProcessTime	String	The time when the text keyword recognition task started, using ISO date format.
FinishTime	String	The time when the text keyword recognition task is completed, using ISO date format.

AiRecognitionTaskOcrWordsResultInput

Input of text keyword recognition.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	Text keyword recognition template ID.

AiRecognitionTaskOcrWordsResultItem

Text keyword recognition result.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Word	String	Text keyword.
SegmentSet	Array of AiRecognitionTaskOcrWordsSegmentItem	List of segments that contain a text keyword.

AiRecognitionTaskOcrWordsResultOutput

Output of text keyword recognition.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
ResultSet	Array of AiRecognitionTaskOcrWordsResultItem	Text keyword recognition result set Note: this list displays up to the first 10 results. You can get all the results from the file whose URL is `SegmentSetFileUrl`.
ResultSetFileUrl	String	URL to the file of the text keyword recognition result set. The file format is JSON, and the data structure is the same as `SegmentSet`. The file will be deleted upon the expiration time `SegmentSetFileUrlExpireTime` instead of being stored permanently.
ResultSetFileUrlExpireTime	String	Expiration time of the URL to the file of the text keyword recognition result set, ISO date format

AiRecognitionTaskOcrWordsSegmentItem

Text recognition segment.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
StartTimeOffset	Float	Start time offset of recognized segment in seconds.
EndTimeOffset	Float	End time offset of recognition segment in seconds.
Confidence	Float	Confidence of recognized segment. Value range: 0-100.
AreaCoordSet	Array of Integer	Zone coordinates of recognition result. The array contains four elements: [x1,y1,x2,y2], i.e., the horizontal and vertical coordinates of the top-left and bottom-right corners.

AiRecognitionTaskSegmentResult

Video splitting results.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message.
Input	AiRecognitionTaskSegmentResultInput	Input information of video splitting task. Note: this field may return null, indicating that no valid values can be obtained.
Output	AiRecognitionTaskSegmentResultOutput	Output information of video splitting task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	The progress of a video splitting task. Value range: 0-100.

BeginProcessTime	String	The time when the video detachment task started, using ISO date format.
FinishTime	String	The time when the video stripping task is completed is in ISO date format.

AiRecognitionTaskSegmentResultInput

Input of video splitting.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	Video splitting template ID.

AiRecognitionTaskSegmentResultOutput

Output of video splitting.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
SegmentSet	Array of AiRecognitionTaskSegmentSegmentItem	List of split video segments Note: this list displays up to the firs results. You can get all the results f the file whose URL is `SegmentSetFileUrl` .
SegmentSetFileUrl	String	URL to the file of the list for split vic segments. The file format is JSON the data structure is the same as `SegmentSet` . The file will be de upon the expiration time `SegmentSetFileUrlExpireT` instead of being stored permanentl
SegmentSetFileUrlExpireTime	String	Expiration time of the URL to the fil the list for split video segments, in date format

AiRecognitionTaskSegmentSegmentItem

Split video segment.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
FileId	String	File ID, which is valid only when a VOD file is processed and the subsegments generated through segmentation are also VOD files.
SegmentUrl	String	Split video segment URL.
Confidence	Float	Confidence of split segment. Value range: 0-100.
StartTimeOffset	Float	Start time offset of split segment in seconds.
EndTimeOffset	Float	End time offset of split segment in seconds.
CovImgUrl	String	Split cover image URL.
SpecialInfo	String	Special field, which should be ignored.

AiReviewPoliticalAsrTaskInput

Input parameters for ASR-based recognition of politically sensitive content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	ID of the template for recognition of politically sensitive content

AiReviewPoliticalAsrTaskOutput

Output for ASR-based recognition of politically sensitive content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Confidence	Float	Confidence score for the ASR-de politically sensitive content. Value

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		0-100
Suggestion	String	Processing suggestion for the AS detected politically sensitive cont Valid values: • pass • review • block
SegmentSet	Array of MediaContentReviewAsrTextSegmentItem	List of video segments that conta detected politically sensitive cont Note: This list displays the first 1C results at most. You can get all th results from the file at the URL sp by `SegmentSetFileUrl` .
SegmentSetFileUrl	String	URL to the file for video segments contain ASR-detected politically sensitive content. The file is in JS format and has the same data str as `SegmentSet` . Instead of be saved permanently, the file is dele upon the expiration time specifiec `SegmentSetFileUrlExpire`
SegmentSetFileUrlExpireTime	String	Expiration time of the URL to the video segments that contain ASR detected politically sensitive cont ISO date format

AiReviewPoliticalOcrTaskInput

Input parameters for OCR-based recognition of politically sensitive content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	ID of the template for recognition of politically sensitive content

AiReviewPoliticalOcrTaskOutput

Output for OCR-based recognition of politically sensitive content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Confidence	Float	Confidence score for the OCR-de politically sensitive content. Value 0-100
Suggestion	String	Processing suggestion for the OC detected politically sensitive cont Valid values: • pass • review • block
SegmentSet	Array of MediaContentReviewOcrTextSegmentItem	List of video segments that conta OCR-detected politically sensitiv content Note: This list displays the first 1(results at most. You can get all th results from the file at the URL sp by `SegmentSetFileUrl` .
SegmentSetFileUrl	String	URL to the file for video segment contain OCR-detected politically sensitive content. The file is in JS format and has the same data str as `SegmentSet` . Instead of b saved permanently, the file is del upon the expiration time specifiec `SegmentSetFileUrlExpire`
SegmentSetFileUrlExpireTime	String	Expiration time of the URL to the video segments that contain OCF detected politically sensitive cont ISO date format

AiReviewPoliticalTaskInput

Input parameters for intelligent recognition of politically sensitive content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	ID of the template for recognition of politically sensitive content

AiReviewPoliticalTaskOutput

Output for intelligent recognition of politically sensitive content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Confidence	Float	Confidence score for the detected range: 0-100
Suggestion	String	Processing suggestion for the det • pass • review • block
Label	String	Labels for the detected politically between the values of this param parameter in PoliticalImgReviewT violation_photo: • `violation_photo` : bann Other values (politician/entertainment/sport/en • `politician` : politically se
SegmentSet	Array of MediaContentReviewPoliticalSegmentItem	List of video segments that conta content Note: This list displays the first 10 the results from the file at the URL `SegmentSetFileUrl` .
SegmentSetFileUrl	String	URL to the file for video segments sensitive content. The file is in JS structure as `SegmentSet` . Ins the file is deleted upon the expirat `SegmentSetFileUrlExpire`
SegmentSetFileUrlExpireTime	String	Expiration time of the URL to the politically sensitive content, in ISO

AiReviewPornAsrTaskInput

Input parameters for ASR-based recognition of pornographic content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	ID of the template for recognition of pornographic content

AiReviewPornAsrTaskOutput

Output for ASR-based recognition of pornographic content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Confidence	Float	Confidence score for the ASR-de pornographic content
Suggestion	String	Processing suggestion for the AS detected pornographic content • pass • review • block
SegmentSet	Array of MediaContentReviewAsrTextSegmentItem	List of video segments that conta detected pornographic content Note: This list displays the first 1C results at most. You can get all th results from the file at the URL sp by `SegmentSetFileUrl` .
SegmentSetFileUrl	String	URL to the file for video segments contain ASR-detected pornograp content. The file is in JSON forma has the same data structure as `SegmentSet` . Instead of being permanently, the file is deleted up expiration time specified by `SegmentSetFileUrlExpire`
SegmentSetFileUrlExpireTime	String	Expiration time of the URL to the

		video segments that contain ASR detected pornographic content, ir date format

AiReviewPornOcrTaskInput

Input parameters for OCR-based recognition of pornographic content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	ID of the template for recognition of pornographic content

AiReviewPornOcrTaskOutput

Output for OCR-based recognition of pornographic content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Confidence	Float	Confidence score for the OCR-de pornographic content
Suggestion	String	Processing suggestion for the OC detected pornographic content • pass • review • block
SegmentSet	Array of MediaContentReviewOcrTextSegmentItem	List of video segments that conta OCR-detected pornographic con Note: This list displays the first 1(results at most. You can get all th results from the file at the URL sp by `SegmentSetFileUrl` .
SegmentSetFileUrl	String	URL to the file for video segment contain OCR-detected pornograp content. The file is in JSON forma has the same data structure as `SegmentSet` . Instead of bein

		permanently, the file is deleted up expiration time specified by `SegmentSetFileUrlExpire`
SegmentSetFileUrlExpireTime	String	Expiration time of the URL to the video segments that contain OCF detected pornographic content, in date format

AiReviewPornTaskInput

Input parameters for intelligent recognition of pornographic content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Required	Description
Definition	Integer	Yes	ID of the template for recognition of pornographic content

AiReviewPornTaskOutput

Output for intelligent recognition of pornographic content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Confidence	Float	Confidence score for the detected pornographic content. Value range: 0-100
Suggestion	String	Processing suggestion for the detected pornographic content. Valid values: • pass • review • block
Label	String	Labels for the detected pornographic content. Valid values: • porn • sexy • vulgar • intimacy

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SegmentSet	Array of MediaContentReviewSegmentItem	List of video segments that contain detected pornographic content Note: This list displays the first 100 results at most. You can get all the results from the file at the URL specified by `SegmentSetFileUrl`.
SegmentSetFileUrl	String	URL to the file for video segments that contain detected pornographic content. The file is in JSON format and has the same data structure as `SegmentSet`. Instead of being saved permanently, the file is deleted upon the expiration time specified by `SegmentSetFileUrlExpireTime`.
SegmentSetFileUrlExpireTime	String	Expiration time of the URL to the file for video segments that contain detected pornographic content, in ISO date format

AiReviewProhibitedAsrTaskInput

Input parameters for ASR-based recognition of banned content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	Prohibited information detection template ID.

AiReviewProhibitedAsrTaskOutput

ASR-detected prohibited information in speech

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Confidence	Float	Score of ASR-detected prohibited information in speech between 0 and 100.

Suggestion	String	Suggestion for ASR-detected pro information in speech. Valid value • pass. • review. • block.
SegmentSet	Array of MediaContentReviewAsrTextSegmentItem	List of video segments that conta detected prohibited information Note: This list displays the first 10 results at most. You can get all th results from the file at the URL sp by `SegmentSetFileUrl` .
SegmentSetFileUrl	String	URL to the file for video segments contain ASR-detected prohibited information. The file is in JSON fo and has the same data structure a `SegmentSet` . Instead of being permanently, the file is deleted up expiration time specified by `SegmentSetFileUrlExpire`
SegmentSetFileUrlExpireTime	String	Expiration time of the URL to the video segments that contain ASR detected prohibited information, i date format

AiReviewProhibitedOcrTaskInput

Input parameters for OCR-based recognition of banned content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	Prohibited information detection template ID.

AiReviewProhibitedOcrTaskOutput

OCR-detected prohibited information in text

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Confidence	Float	Score of OCR-detected prohibite information in text between 0 and
Suggestion	String	Suggestion for OCR-detected pr information in text. Valid values: • pass. • review. • block.
SegmentSet	Array of MediaContentReviewOcrTextSegmentItem	List of video segments that conta OCR-detected prohibited informa Note: This list displays the first 1(results at most. You can get all th results from the file at the URL sp by `SegmentSetFileUrl` .
SegmentSetFileUrl	String	URL to the file for video segment contain OCR-detected prohibited information. The file is in JSON fo and has the same data structure `SegmentSet` . Instead of bein permanently, the file is deleted up expiration time specified by `SegmentSetFileUrlExpire`
SegmentSetFileUrlExpireTime	String	Expiration time of the URL for vid segments that contain OCR-dete prohibited information, in ISO dat format

AiReviewTaskPoliticalAsrResult

Result for ASR-based recognition of politically sensitive content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video

		Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
Input	AiReviewPoliticalAsrTaskInput	Input for ASR-based recognition of politically sensitive content
Output	AiReviewPoliticalAsrTaskOutput	Output for ASR-based recognition of politically sensitive content
Progress	Integer	The progress of an ASR-based moderation task (politically sensitive content). Value range: 0-100.

AiReviewTaskPoliticalOcrResult

Result for OCR-based recognition of politically sensitive content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
Input	AiReviewPoliticalOcrTaskInput	Input for OCR-based recognition of politically sensitive content
Output	AiReviewPoliticalOcrTaskOutput	Output for OCR-based recognition of politically sensitive

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		content Note: This field may return `null` , indicating that no valid value can be found.
Progress	Integer	Audio and video review OCR text involves the task progress of inappropriate information, the value range is [0-100].

AiReviewTaskPoliticalResult

Result for intelligent recognition of politically sensitive content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt` .
Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
Input	AiReviewPoliticalTaskInput	Input for intelligent recognition of politically sensitive content
Output	AiReviewPoliticalTaskOutput	Output for intelligent recognition of politically sensitive content Note: This field may return `null` , indicating that no valid value can be found.
Progress	Integer	The progress of a moderation task (politically sensitive content). Value range: 0-100.

AiReviewTaskPornAsrResult

Result for ASR-based recognition of pornographic content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
Input	AiReviewPornAsrTaskInput	Input for ASR-based recognition of pornographic content
Output	AiReviewPornAsrTaskOutput	Output for ASR-based recognition of pornographic content Note: This field may return `null`, indicating that no valid value can be found.
Progress	Integer	The progress of an ASR-based moderation task (pornographic content). Value range: 0-100.

AiReviewTaskPornOcrResult

Result for OCR-based recognition of pornographic content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.

Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
Input	AiReviewPornOcrTaskInput	Input for OCR-based recognition of pornographic content
Output	AiReviewPornOcrTaskOutput	Output for OCR-based recognition of pornographic content Note: This field may return `null` , indicating that no valid value can be found.
Progress	Integer	The progress of an OCR-based moderation task (pornographic content). Value range: 0-100.

AiReviewTaskPornResult

Result for intelligent recognition of pornographic content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt` .
Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
Input	AiReviewPornTaskInput	Input for intelligent recognition of pornographic content
Output	AiReviewPornTaskOutput	Output for intelligent recognition of pornographic content Note: This field may return `null` , indicating that no valid value can be found.
Progress	Integer	The progress of a moderation task (pornographic content). Value range: 0-100.

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AiReviewTaskProhibitedAsrResult

Result for ASR-based recognition of banned content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message.
Input	AiReviewProhibitedAsrTaskInput	Input for ASR-based recognition of banned content
Output	AiReviewProhibitedAsrTaskOutput	Output for ASR-based recognition of banned content Note: This field may return `null`, indicating that no valid value can be found.
Progress	Integer	The progress of an ASR-based moderation task (banned content). Value range: 0-100.

AiReviewTaskProhibitedOcrResult

Result for OCR-based recognition of banned content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.

ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt` .
Message	String	Error message.
Input	AiReviewProhibitedOcrTaskInput	Input for OCR-based recognition of banned content
Output	AiReviewProhibitedOcrTaskOutput	Output for OCR-based recognition of banned content Note: This field may return `null` , indicating that no valid value can be found.
Progress	Integer	The progress of an OCR-based moderation task (banned content). Value range: 0-100.

AiReviewTaskTerrorismOcrResult

Result for OCR-based recognition of terrorism content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt` .
Message	String	Error message.
Input	AiReviewTerrorismOcrTaskInput	Input for OCR-based recognition of terrorism content
Output	AiReviewTerrorismOcrTaskOutput	Output for OCR-based recognition of terrorism content Note: This field may return `null` , indicating that no valid value can be found.
Progress	Integer	The progress of an OCR-based moderation task (terrorist

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		content). Value range: 0-100.

AiReviewTaskTerrorismResult

Result for intelligent recognition of terrorism content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
Input	AiReviewTerrorismTaskInput	Input for intelligent recognition of terrorism content
Output	AiReviewTerrorismTaskOutput	Output for intelligent recognition of terrorism content Note: This field may return `null`, indicating that no valid value can be found.
Progress	Integer	The progress of a moderation task (terrorist content). Value range: 0-100.

AiReviewTerrorismOcrTaskInput

Input parameters for OCR-based recognition of terrorism content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	ID of the template for recognition of terrorism content

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AiReviewTerrorismOcrTaskOutput

Output for OCR-based recognition of terrorism content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Confidence	Float	Confidence score for the OCR-de terrorism content. Value range: 0
Suggestion	String	Processing suggestion for the OC detected terrorism content • pass • review • block
SegmentSet	Array of MediaContentReviewOcrTextSegmentItem	List of video segments that conta OCR-detected terrorism content Note: This list displays the first 1(results at most. You can get all th results from the file at the URL sp by `SegmentSetFileUrl` .
SegmentSetFileUrl	String	URL to the file for video segment contain OCR-detected terrorism The file is in JSON format and ha same data structure as `Segmer` Instead of being saved permaner file is deleted upon the expiration specified by `SegmentSetFileUrlExpire`
SegmentSetFileUrlExpireTime	String	Expiration time of the URL to the video segments that contain OCF detected terrorism content, in ISO format

AiReviewTerrorismTaskInput

Input parameters for intelligent recognition of terrorism content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	ID of the template for recognition of terrorism content

AiReviewTerrorismTaskOutput

Terrorism information

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Confidence	Float	Score of detected terrorism information in a video between 0 and 100. Note: this field may return null, indicating that no valid values can be obtained.
Suggestion	String	Suggestion for detected terrorism information. Valid values: • pass. • review. • block. Note: this field may return null, indicating that no valid values can be obtained.
Label	String	Tag of the detected terrorism information in a video. Valid values: • `guns` : weapons and guns • `crowd` : crowds • `police` : police forces • `bloody` : bloody images • `banners` : terrorism flags • `militant` : militants • `explosion` : explosions and fires • `terrorists` : terrorists • `scenario` : terrorism images
SegmentSet	Array of MediaContentReviewSegmentItem	List of video segments that contain terrorism information Note: This list displays the first 100 results at most. You can get all the results from the file at the URL specified by `SegmentSetFileUrl` .

SegmentSetFileUrl	String	URL to the file for video segments that contain terrorism information. The file is in JSON format and has the same data structure as `SegmentSet`. Instead of being saved permanently, the file is deleted upon the expiration time specified by `SegmentSetFileUrlExpireTime`.
SegmentSetFileUrlExpireTime	String	Expiration time of the URL to the file for video segments that contain terrorism information, in ISO date format

AiSampleFaceInfo

AI-based sample management - face information.

Used by actions: CreatePersonSample, DescribePersonSamples, ModifyPersonSample.

Name	Type	Description
FaceId	String	Face image ID.
Url	String	Face image address.

AiSampleFaceOperation

AI-based sample management - face data operation.

Used by actions: ModifyPersonSample.

Name	Type	Required	Description
Type	String	Yes	Operation type. Valid values: add, delete, reset. The `reset` operation will clear the existing face data of a figure and add `FaceContents` as the specified face data.
FaceIds	Array of String	No	Face ID set, which is required if `Type` is `delete`.
FaceContents	Array of	No	Face image Base64 Encoded string collection, only supports jpeg and png image formats.

	String		• When Type is add or reset, this field is required; • Array length limit: 5 pictures. Note: The picture must be a clear frontal photo of a single person, with a pixel size of no less than 200*200.

AiSampleFailFaceInfo

AI-based sample management - face information failed to be processed.

Used by actions: CreatePersonSample, ModifyPersonSample.

Name	Type	Description
Index	Integer	It corresponds to incorrect image subscripts in the `FaceContents` input parameter, starting from 0.
ErrCode	Integer	Error code. Valid values: • 0: success; • Other values: failure.
Message	String	Error message.

AiSamplePerson

AI-based sample management - figure information.

Used by actions: CreatePersonSample, DescribePersonSamples, ModifyPersonSample.

Name	Type	Description
PersonId	String	Figure ID.
Name	String	Figure name.
Description	String	Figure description.
FaceInfoSet	Array of AiSampleFaceInfo	Face information.
TagSet	Array of String	Figure tag.
UsageSet	Array of String	Use case.
CreateTime	String	Creation time in ISO date format.

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UpdateTime	String	Last modified time in ISO date format.

AiSampleTagOperation

AI-based sample management - tag operation.

Used by actions: ModifyPersonSample, ModifyWordSample.

Name	Type	Required	Description
Type	String	Yes	Operation type. Valid values: add, delete, reset.
Tags	Array of String	Yes	Tag. Length limit: 128 characters.

AiSampleWord

AI-based sample management - keyword output information.

Used by actions: DescribeWordSamples.

Name	Type	Description
Keyword	String	Keyword.
TagSet	Array of String	Keyword tag.
UsageSet	Array of String	Keyword use case.
CreateTime	String	Creation time in ISO date format.
UpdateTime	String	Last modified time in ISO date format.

AiSampleWordInfo

AI-based sample management - keyword input information.

Used by actions: CreateWordSamples.

Name	Type	Required	Description
Keyword	String	Yes	Keyword. Length limit: 20 characters.

Tags	Array of String	No	Keyword tag • Array length limit: 20 tags; • Tag length limit: 128 characters.

AnimatedGraphicTaskInput

Animated image generating task type

Used by actions: CreateProcedureTemplate, DescribeTaskDetail, ProcessMedia, PullEvents, ResetProcedureTemplate.

Name	Type	Required	Description
Definition	Integer	Yes	Animated image generating template ID
StartTimeOffset	Float	Yes	Start time offset of an animated image in the video, in seconds. • If this parameter is left empty or set to 0, the animated image will start at the same time as the video. • If this parameter is set to a positive number (n for example), the animated image will start at the nth second of the video. • If this parameter is set to a negative number (-n for example), the animated image will start at the nth second before the end of the video.
EndTimeOffset	Float	Yes	End time offset of an animated image in the video, in seconds. • If this parameter is left empty or set to 0, the animated image will end at the same time as the video. • If this parameter is set to a positive number (n for example), the animated image will end at the nth second of the video. • If this parameter is set to a negative number (-n for example), the animated image will end at the nth second before the end of the video.

AnimatedGraphicsTemplate

Details of an animated image generating template.

Used by actions: DescribeAnimatedGraphicsTemplates.

Name	Type	Description
Definition	Integer	Unique ID of an animated image generating template.

Type	String	Template type. Valid values: • Preset: preset template; • Custom: custom template.
Name	String	Name of an animated image generating template.
Comment	String	Description of an animated image generating template.
Width	Integer	Maximum value of the width (or long side) of an animated image in px. Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
Height	Integer	Maximum value of the height (or short side) of an animated image in px. Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
ResolutionAdaptive	String	Resolution adaption. Valid values: • open: enabled. In this case, `Width` represents the long side of a video, while `Height` the short side; • close: disabled. In this case, `Width` represents the width of a video, while `Height` the height. Default value: open.
Format	String	Animated image format.
Fps	Integer	Frame rate.

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Quality	Float	Image quality.
CreateTime	String	Creation time of template in ISO date format.
UpdateTime	String	Last modified time of template in ISO date format.

ArtifactRepairInfo

Artifact removal (smoothing) configuration.

Used by actions: CreateEnhanceMediaTemplate, CreateRebuildMediaTemplate, DescribeTaskDetail, ModifyEnhanceMediaTemplate, ModifyRebuildMediaTemplate, PullEvents, RebuildMedia.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable artifact removal. Valid values: • `ON` • `OFF
Type	String	No	The artifact removal type. This parameter is valid only if `Switch` is `ON`. Valid values: • `weak` • `strong` Default value: `weak`.

AsrFullTextConfigureInfo

Control parameter of full speech recognition task.

Used by actions: CreateAIRecognitionTemplate, DescribeAIRecognitionTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of full speech recognition task. Valid values: • ON: enables intelligent full speech recognition task; • OFF: disables intelligent full speech recognition task.
SubtitleFormats	Array of String	No	The formats of the subtitle files generated. If this parameter is not passed or an empty string is passed in, no subtitles files will be generated. Valid values: • vtt • srt

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SubtitleFormat	String	No	The format of the subtitle file generated. If this parameter is not passed or an empty string is passed in, no subtitles files will be generated. Valid values: • vtt • srt Note: This parameter has been deprecated. Please use `SubtitleFormats` instead.
SrcLanguage	String	No	Media source language value range: • zh: Mandarin • en: English • ja: Japanese • zh-ca: Cantonese Note: If it fills in an empty string or leaves this parameter blank, it will be automatically recognized (it is recommended to fill in the language corresponding to the media to improve the recognition accuracy).
SubtitleName	String	No	Specify subtitle name, length limit: 64 characters. This value will be displayed by the player. If not provided, VOD will automatically generate it. Note: This field is valid only when SubtitleFormats includes vtt.

AsrFullTextConfigureInfoForUpdate

Control parameter of full speech recognition task.

Used by actions: ModifyAIRecognitionTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of full speech recognition task. Valid values: • ON: enables intelligent full speech recognition task; • OFF: disables intelligent full speech recognition task.
SubtitleFormatsOperation	SubtitleFormatsOperation	No	The modification information of the subtitle format list.
SubtitleFormat	String	No	The format of the subtitle file generated. If you pass in an empty

			string, no subtitle files will be generated. Valid values: • vtt • srt Note: This parameter has been deprecated. Please use `SubtitleFormatsOperation` instead.
SrcLanguage	String	No	Media source language value range: • zh: Mandarin • en: English • ja: Japanese • zh-ca: Cantonese
SubtitleName	String	No	Specify subtitle name, length limit: 64 characters. This value will be used for player display.

AsrTranslateConfigureInfo

Control parameters of voice translation recognition task.

Used by actions: CreateAIRecognitionTemplate, DescribeAIRecognitionTemplates.

Name	Type	Required	Description
Switch	String	Yes	Voice translation task switch, optional values: • ON: switch on; • OFF: switch off. Note: The task results of voice translation include asr full text recognition result. To avoid duplicate charges, simultaneous activation of voice translation and asr full text recognition features is prohibited.
SrcLanguage	String	No	Media source language. When the Switch is ON, this parameter is mandatory. Value range: • `zh` : Chinese; • `en` : English; • `ja` : Japanese; • `ko` : Korean; • `vi` : Vietnamese; • `ms` : Malay;

			• `th` : Thai; • `pt` : Portuguese; • `tr` : Turkish; • `ar` : Arabic; • `es` : Spanish; • `hi` : Hindi; • `fr` : French.
DstLanguage	String	No	Translation target language. When the Switch is ON, this parameter is mandatory. When SrcLanguage is zh (Chinese), the value range: • `en` : English; • `ja` : Japanese; • `ko` : Korean; • `fr` : French; • `es` : Spanish; • `it` : Italian; • `de` : German; • `tr` : Turkish; • `ru` : Russian; • `pt` : Portuguese; • `vi` : Vietnamese; • `id` : Indonesian; • `th` : Thai; • `ms` : Malay. When SrcLanguage is en (English), the value range: • `zh` : Chinese; • `ja` : Japanese; • `ko` : Korean; • `fr` : French; • `es` : Spanish; • `it` : Italian; • `de` : German; • `tr` : Turkish; • `ru` : Russian; • `pt` : Portuguese; • `vi` : Vietnamese; • `id` : Indonesian; • `th` : Thai; • `ms` : Malay; • `ar` : Arabic; • `hi` : Hindi.

When SrcLanguage is ja (Japanese), the valid options are:
- `zh` : Chinese;
- `en` : English;
- `ko` : Korean.

When SrcLanguage is ko (Korean), the valid options are:
- `zh` : Chinese;
- `en` : English;
- `ja` : Japanese.

When SrcLanguage is vi (Vietnamese), ms (Malay), or th (Thai), the valid options are:
- `zh` : Chinese;
- `en` : English.

When SrcLanguage is pt (Portuguese), the valid options are:
- `zh` : Chinese;
- `en` : English;
- `fr` : French;
- `es` : Spanish;
- `it` : Italian;
- `de` : German;
- `tr` : Turkish;
- `ru` : Russian.

When SrcLanguage is tr (Turkish), the value range is:
- `zh` : Chinese;
- `en` : English;
- `fr` : French;
- `es` : Spanish;
- `it` : Italian;
- `de` : German;
- `ru` : Russian;
- `pt` : Portuguese.

When SrcLanguage is es (Spanish), the value range is:
- `zh` : Chinese;

			• `en` : English; • `fr` : French; • `it` : Italian; • `de` : German; • `tr` : Turkish; • `ru` : Russian; • `pt` : Portuguese. When SrcLanguage is ar (Arabic) or hi (Hindi), the value range is: • `en` : English. When SrcLanguage is fr (French), the value range is: • `zh` : Chinese; • `en` : English; • `es` : Spanish; • `it` : Italian; • `de` : German; • `tr` : Turkish; • `ru` : Russian; • `pt` : Portuguese.
SubtitleFormats	Array of String	No	Generated subtitle file format list. If not filled or an empty array is provided, no subtitle file will be generated. Optional values: • vtt: generate WebVTT subtitle file; • srt: generate SRT subtitle files. Note: VOD media assets only support adding vtt subtitles. Therefore, VOD will add generated subtitles to media assets only when SubtitleFormats includes vtt.
SubtitleName	String	No	Specify subtitle name, length limit: 64 characters. This value will be displayed by the player. If not provided, VOD will automatically generate it.

AsrTranslateConfigureInfoForUpdate

Control parameters of voice translation.

Used by actions: ModifyAIRecognitionTemplate.

Name	Type	Required	Description

Switch	String	No	Voice translation task switch, optional values: • ON: switch on; • OFF: switch off.
SrcLanguage	String	No	Media source language, value range: • `zh` : Chinese; • `en` : English; • `ja` : Japanese; • `ko` : Korean; • `vi` : Vietnamese; • `ms` : Malay; • `th` : Thai; • `pt` : Portuguese; • `tr` : Turkish; • `ar` : Arabic; • `es` : Spanish; • `hi` : Hindi; • `fr` : French.
DstLanguage	String	No	Translation target language. When SrcLanguage is zh(Chinese), value range: • `en` : English; • `ja` : Japanese; • `ko` : Korean; • `fr` : French; • `es` : Spanish; • `it` : Italian; • `de` : German; • `tr` : Turkish; • `ru` : Russian; • `pt` : Portuguese; • `vi` : Vietnamese; • `id` : Indonesian; • `th` : Thai; • `ms` : Malay. When SrcLanguage is en(English), value range: • `zh` : Chinese; • `ja` : Japanese; • `ko` : Korean;

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- `fr` : French;
- `es` : Spanish;
- `it` : Italian;
- `de` : German;
- `tr` : Turkish;
- `ru` : Russian;
- `pt` : Portuguese;
- `vi` : Vietnamese;
- `id` : Indonesian;
- `th` : Thai;
- `ms` : Malay;
- `ar` : Arabic;
- `hi` : Hindi.

When SrcLanguage is ja (Japanese), value range:
- zh: Chinese;
- en: English;
- ko: Korean.

When SrcLanguage is ko (Korean), value range:
- `zh` : Chinese;
- `en` : English;
- `ja` : Japanese.

When SrcLanguage is vi (Vietnamese) or ms (Malay) or th (Thai), value range:
- `zh` : Chinese;
- `en` : English.

When SrcLanguage is pt (Portuguese), value range:
- `zh` : Chinese;
- `en` : English;
- `fr` : French;
- `es` : Spanish;
- `it` : Italian;
- `de` : German;

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			• `tr` : Turkish; • `ru` : Russian. When SrcLanguage is tr (Turkish), value range: • `zh` : Chinese; • `en` : English; • `fr` : French; • `es` : Spanish; • `it` : Italian; • `de` : German; • `ru` : Russian; • `pt` : Portuguese. When SrcLanguage is es (Spanish), value range: • `zh` : Chinese; • `en` : English; • `fr` : French; • `it` : Italian; • `de` : German; • `tr` : Turkish; • `ru` : Russian; • `pt` : Portuguese. When SrcLanguage is ar (Arabic) or hi (Hindi), value range: • `en` : English. When SrcLanguage is fr (French), value range: • `zh` : Chinese; • `en` : English; • `es` : Spanish; • `it` : Italian; • `de` : German; • `tr` : Turkish; • `ru` : Russian; • `pt` : Portuguese.

SubtitleFormatsOperation	SubtitleFormatsOperation	No	Operation information about subtitle format list.
SubtitleName	String	No	Specify subtitle name, length limit: 64 characters. This value will be used for player display.

AsrWordsConfigureInfo

Speech keyword recognition control parameter.

Used by actions: CreateAIRecognitionTemplate, DescribeAIRecognitionTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of speech keyword recognition task. Valid values: • ON: enables speech keyword recognition task; • OFF: disables speech keyword recognition task.
LabelSet	Array of String	No	Keyword filter tag, which specifies the keyword tag that needs to be returned. If this parameter is left empty, all results will be returned. There can be up to 10 tags, each with a length limit of 16 characters.

AsrWordsConfigureInfoForUpdate

Control parameter of speech keyword recognition.

Used by actions: ModifyAIRecognitionTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of speech keyword recognition task. Valid values: • ON: enables speech keyword recognition task; • OFF: disables speech keyword recognition task.
LabelSet	Array of String	No	Keyword filter tag, which specifies the keyword tag that needs to be returned. If this parameter is left empty or a blank value is entered, all results will be returned. There can be up to 10 tags, each with a length limit of 16 characters.

AudioDenoiseInfo

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Noise removal configuration.

Used by actions: CreateEnhanceMediaTemplate, CreateRebuildMediaTemplate, DescribeTaskDetail, ModifyEnhanceMediaTemplate, ModifyRebuildMediaTemplate, PullEvents, RebuildMedia.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable noise removal. Valid values: • `ON` • `OFF`
Type	String	No	The noise removal type. This parameter is valid only if `Switch` is `ON`. Valid values: • `weak` • `normal` • `strong` Default value: `weak`.

AudioTemplateInfo

Audio stream configuration parameter

Used by actions: CreateAdaptiveDynamicStreamingTemplate, CreateTranscodeTemplate, DescribeTranscodeTemplates, ModifyAdaptiveDynamicStreamingTemplate.

Name	Type	Required	Description
Codec	String	Yes	The audio codec. If `Container` is `mp3`, the valid value is: • `libmp3lame` If `Container` is `ogg` or `flac`, the valid value is: • `flac` If `Container` is `m4a`, the valid values are: • `libfdk_aac` • `libmp3lame` • `ac3` If `Container` is `mp4` or `flv`, the valid values are: • `libfdk_aac` (Recommended for MP4) • `libmp3lame` (Recommended for FLV)

			• `mp2` If `Container` is `hls`, the valid value is: • `libfdk_aac` If `Format` is `HLS` or `MPEG-DASH`, the valid value is: • `libfdk_aac` If `Container` is `wav`, the valid value is: • `pcm16`
Bitrate	Integer	Yes	Audio stream bitrate in Kbps. Value range: 0 and [26, 256]. If the value is 0, the bitrate of the audio stream will be the same as that of the original audio.
SampleRate	Integer	Yes	The audio sample rate. Valid values: • `16000` (valid only if `Codec` is `pcm16`) • `32000` • `44100` • `48000` Unit: Hz.
AudioChannel	Integer	No	Audio channel system. Valid values: • 1: mono-channel • 2: dual-channel • 6: stereo You cannot set the sound channel as stereo for media files in container formats for audios (FLAC, OGG, MP3, M4A). Default value: 2

AudioTemplateInfoForUpdate

Audio stream configuration parameter

Used by actions: ModifyTranscodeTemplate.

Name	Type	Required	Description
Codec	String	No	The audio codec. If `Container` is `mp3`, the valid value is: • `libmp3lame`

			If `Container` is `ogg` or `flac`, the valid value is: • `flac` If `Container` is `m4a`, the valid values are: • `libfdk_aac` • `libmp3lame` • `ac3` If `Container` is `mp4` or `flv`, the valid values are: • `libfdk_aac` (Recommended for MP4) • `libmp3lame` (Recommended for FLV) • `mp2` If `Container` is `hls`, the valid value is: • `libfdk_aac` If `Format` is `HLS` or `MPEG-DASH`, the valid value is: • `libfdk_aac` If `Container` is `wav`, the valid value is: • `pcm16`
Bitrate	Integer	No	Audio stream bitrate in Kbps. Value range: 0 and [26, 256]. If the value is 0, the bitrate of the audio stream will be the same as that of the original audio.
SampleRate	Integer	No	The audio sample rate. Valid values: • `16000` (valid only if `Codec` is `pcm16`) • `32000` • `44100` • `48000` Unit: Hz.
AudioChannel	Integer	No	Audio channel system. Valid values: • 1: mono-channel • 2: dual-channel • 6: stereo You cannot set the sound channel as stereo for media files in container formats for audios (FLAC, OGG, MP3, M4A).

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AudioTrackItem

Audio segment information of audio track.

Used by actions: ComposeMedia.

Name	Type	Required	Description
SourceMedia	String	Yes	Source of media material for audio segment, which can be: • ID of VOD media files • Download URL of other media files Note: when a download URL of other media files is used as the material source and access control (such as hotlink protection) is enabled, the URL needs to carry access control parameters (such as hotlink protection signature).
SourceMediaStartTime	Float	No	Start time of audio segment in material file in seconds. Default value: 0, which means to start capturing from the beginning position of the material.
Duration	Float	No	Audio segment duration in seconds. By default, the length of the material will be used, which means that the entire material will be captured.
TargetDuration	Float	No	The target audio duration, in seconds. • If `TargetDuration` is empty or `0`, the target duration is the same as `Duration`. • If `TargetDuration` is a value greater than 0, the playback speed will be changed to make the final audio duration the same as the value of `TargetDuration`.
AudioOperations	Array of AudioTransform	No	Operation on audio segment, such as volume adjustment. Note: this field may return null, indicating that no valid values can be obtained.

AudioTransform

Audio operation

Used by actions: ComposeMedia.

Name	Type	Required	Description
Type	String	Yes	Audio operation type. Valid values: • Volume: volume adjustment.
VolumeParam	AudioVolumeParam	No	Volume adjustment parameter, which is valid if `Type` is `Volume` . Note: this field may return null, indicating that no valid values can be obtained.

AudioVolumeParam

Audio gain adjustment parameter

Used by actions: ComposeMedia.

Name	Type	Required	Description
Mute	Integer	No	Whether to mute. Valid values: 0, 1. • 0: not muted. • 1: muted. Default value: 0.
Gain	Float	No	Audio gain. Value range: 0-10. • If the value is greater than 1, the volume will be increased. • If the value is smaller than 1, the volume will be decreased. • 0 and 1: no change. Default value: 0.

Authentication

Timestamp hotlink protection configuration

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Anti-hotlink configuration switch, value: • on: on;

			• off: off.
TypeA	AuthenticationTypeA	No	Timestamp hotlink protection mode A configuration
TypeB	AuthenticationTypeB	No	Timestamp hotlink protection mode B configuration
TypeC	AuthenticationTypeC	No	Timestamp hotlink protection mode C configuration
TypeD	AuthenticationTypeD	No	Timestamp hotlink protection mode D configuration

AuthenticationTypeA

Configuration of timestamp anti-hotlinking mode A; The access URL format of timestamp anti-hotlinking mode A is: http://DomainName/Filename?sign=timestamp-rand-uid-md5hash; where timestamp is a decimal UNIX timestamp; rand is a random character String, consisting of 0 ~ 100 uppercase and lowercase letters and numbers; uid is 0; md5hash: MD5 (file path-timestamp-rand-uid-custom key).

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
SecretKey	String	Yes	The key to calculate the signature; only uppercase and lowercase letters and numbers are allowed, with a length of 6~32 characters.
SignParam	String	Yes	Signature parameter name setting; only uppercase and lowercase letters, numbers or underscores are allowed, the length is 1~100 characters, and it cannot start with a number.
ExpireTime	Integer	Yes	Signature expiration time setting; the unit is seconds, and the maximum value can be set to 630720000.
FileExtensions	Array of String	Yes	File extension list settings for authentication/non-authentication; if the character * is included, it means all files.
FilterType	String	Yes	whitelist: whitelist, indicating that all types except the FileExtensions list will be authenticated; blacklist: blacklist, indicating that only the types in FileExtensions will be authenticated.
BackupSecretKey	String	No	Alternate key for calculating signature; only uppercase and lowercase letters and numbers are allowed, length 6~32 characters.

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AuthenticationTypeB

Timestamp hotlink protection mode B configuration

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
SecretKey	String	Yes	The key to calculate the signature; only uppercase and lowercase letters and numbers are allowed, with a length of 6~32 characters.
ExpireTime	Integer	Yes	Signature expiration time setting; the unit is seconds, and the maximum value can be set to 630720000.
FileExtensions	Array of String	Yes	File extension list settings for authentication/non-authentication; if the character * is included, it means all files.
FilterType	String	Yes	whitelist: whitelist, indicating that all types except the FileExtensions list will be authenticated; blacklist: blacklist, indicating that only the types in FileExtensions will be authenticated.
BackupSecretKey	String	No	Alternate key for calculating signature; only uppercase and lowercase letters and numbers are allowed, length 6~32 characters.

AuthenticationTypeC

Timestamp anti-hotlinking mode C configuration; The access URL format of timestamp anti-hotlinking mode C is: http://DomainName/md5hash/timestamp/FileName; where timestamp is a hexadecimal UNIX timestamp; md5hash: MD5 (custom password key + file path + timestamp).

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
SecretKey	String	Yes	The key to calculate the signature; only uppercase and lowercase letters and numbers are allowed, with a length of 6~32 characters.
ExpireTime	Integer	Yes	Signature expiration time setting; the unit is seconds, and the maximum value can be set to 630720000.

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FileExtensions	Array of String	Yes	File extension list settings for authentication/non-authentication; if the character * is included, it means all files.
FilterType	String	Yes	whitelist: whitelist, indicating that all types except the FileExtensions list will be authenticated; blacklist: blacklist, indicating that only the types in FileExtensions will be authenticated.
TimeFormat	String	Yes	Timestamp base setting: • dec: decimal • hex: hexadecimal
BackupSecretKey	String	No	Alternate key for calculating signature; only uppercase and lowercase letters and numbers are allowed, length 6~32 characters.

AuthenticationTypeD

Timestamp anti-hotlinking mode D configuration; The access URL format of timestamp anti-hotlinking mode D is: http://DomainName/FileName?sign=md5hash&t=timestamp; where timestamp is a decimal or hexadecimal UNIX timestamp; md5hash: MD5 (custom key + file path + timestamp).

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
SecretKey	String	Yes	The key to calculate the signature; only uppercase and lowercase letters and numbers are allowed, with a length of 6~32 characters.
ExpireTime	Integer	Yes	Signature expiration time setting; the unit is seconds, and the maximum value can be set to 630720000.
FileExtensions	Array of String	Yes	File extension list settings for authentication/non-authentication; if the character * is included, it means all files.
FilterType	String	Yes	whitelist: whitelist, indicating that all types except the FileExtensions list will be authenticated; blacklist: blacklist, indicating that only the types in FileExtensions will be authenticated.
SignParam	String	Yes	Signature parameter name setting; only uppercase and lowercase letters, numbers or underscores are allowed, the

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			length is 1~100 characters, and it cannot start with a number.
TimeParam	String	Yes	Timestamp parameter name setting; only uppercase and lowercase letters, numbers or underscores are allowed, the length is 1~100 characters, and it cannot start with a number.
TimeFormat	String	Yes	Timestamp base setting: • dec: decimal • hex: hexadecimal
BackupSecretKey	String	No	Alternate key for calculating signature; only uppercase and lowercase letters and numbers are allowed, length 6~32 characters.

AwsPrivateAccess

Origin access authentication for S3 bucket.

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	AWS S3 return-to-origin authentication configuration switch, the values u200bu200bare: • on: on; • off: off.
AccessKey	String	No	Access ID.
SecretKey	String	No	Key.
Region	String	No	Region.
Bucket	String	No	BucketName.

BlackWhiteEdgeConfigureInfo

Control parameters for video screen black border, white border, black screen, and white screen detection.

Used by actions: CreateQualityInspectTemplate, DescribeQualityInspectTemplates.

Name	Type	Required	Description
Switch	String	Yes	Video screen black border, white border, black screen, white screen

			detection switch, optional values: • ON: turn on; • OFF: turn off.

BlackWhiteEdgeConfigureInfoForUpdate

Control parameters for video screen black border, white border, black screen, and white screen detection.

Used by actions: ModifyQualityInspectTemplate.

Name	Type	Required	Description
Switch	String	No	Video screen black border, white border, black screen, white screen detection switch, optional values: • ON: turn on; • OFF: turn off.

BlurConfigureInfo

Control parameters for video blur detection.

Used by actions: CreateQualityInspectTemplate, DescribeQualityInspectTemplates.

Name	Type	Required	Description
Switch	String	Yes	Video screen blur detection switch, optional values: • ON: turn on; • OFF: turn off.

BlurConfigureInfoForUpdate

Control parameters for video blur detection.

Used by actions: ModifyQualityInspectTemplate.

Name	Type	Required	Description
Switch	String	No	Video screen blur detection switch, optional values: • ON: turn on; • OFF: turn off.

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CDNCertInfo

Domain https acceleration configuration, the default is off

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
CertId	String	No	The server certificate ID is automatically generated during certificate hosting by SSL Certificate Management.
Certificate	String	No	Server certificate information.
PrivateKey	String	No	Server key information.
ExpireTime	Timestamp ISO8601	No	Certificate expiration time; no need to fill in when configured as an input parameter.

CDNDomainConfig

CDN Domain Config

Used by actions: CreateCDNDomain, DescribeCDNDomains.

Name	Type	Required	Description
Area	String	Yes	Domain name acceleration areas: • mainland: acceleration within China; • overseas: acceleration outside China; • global: global acceleration.
Origin	Origin	Yes	Origin Server Configuration
IpFilter	IpFilter	No	IP blocklist/allowlist configuration. This is disabled by default.
UserAgentFilter	UserAgentFilter	No	UserAgent:blacklist/whitelist configuration.
FollowRedirect	FollowRedirect	No	Back to the source 301/302 status code automatically follows the configuration, the default is off
RequestHeader	RequestHeader	No	Custom request header configuration. This is disabled by default.

ResponseHeader	ResponseHeader	No	Custom response header configuration. This is disabled by default.
Cache	Cache	No	Node cache expiration time configuration.
Https	Https	No	Domain name HTTPS acceleration configuration. This is disabled by default.
Authentication	Authentication	No	Timestamp hotlink protection configuration.
ForceRedirect	ForceRedirect	No	Access protocol forced redirect configuration. This is disabled by default.
Referer	Referer	No	Referer blacklist/whitelist configuration. This is disabled by default.
MaxAge	MaxAge	No	Browser cache rule configuration, which is used to set the default value of MaxAge and is disabled by default.
Ipv6Access	Ipv6Access	No	IPv6 access configuration.
Quic	Quic	No	QUIC configuration item.
AwsPrivateAccess	AwsPrivateAccess	No	Origin access authentication for S3 bucket.
OssPrivateAccess	OssPrivateAccess	No	Access authentication configuration for OSS origin.
HwPrivateAccess	HwPrivateAccess	No	Access authentication for Huawei Cloud OBS origin
OthersPrivateAccess	OthersPrivateAccess	No	Origin-pull authentication for other origins.

CDNDomainConfigForUpdate

CDN domain config for update

Used by actions: ModifyCDNDomainConfig.

Name	Type	Required	Description
Area	String	No	Domain name acceleration areas: • mainland: acceleration within China; • overseas: acceleration outside China; • global: global acceleration.

Origin	Origin	No	Origin Server Configuration.
IpFilter	IpFilter	No	IP blocklist/allowlist configuration. This is disabled by default.
UserAgentFilter	UserAgentFilter	No	UserAgent:blacklist/whitelist configuration.
FollowRedirect	FollowRedirect	No	Back to the source 301/302 status code automatically follows the configuration, the default is off
RequestHeader	RequestHeader	No	Custom request header configuration. This is disabled by default.
ResponseHeader	ResponseHeader	No	Custom response header configuration. This is disabled by default.
Cache	Cache	No	Node cache expiration time configuration.
Https	Https	No	Domain name HTTPS acceleration configuration. This is disabled by default.
Authentication	Authentication	No	Timestamp hotlink protection configuration.
ForceRedirect	ForceRedirect	No	Access protocol forced redirect configuration. This is disabled by default.
Referer	Referer	No	Referer blacklist/whitelist configuration. This is disabled by default.
MaxAge	MaxAge	No	Browser cache rule configuration, which is used to set the default value of MaxAge and is disabled by default.
Ipv6Access	Ipv6Access	No	IPv6 access configuration.
Quic	Quic	No	QUIC configuration item.
AwsPrivateAccess	AwsPrivateAccess	No	Origin access authentication for S3 bucket.
OssPrivateAccess	OssPrivateAccess	No	Access authentication configuration for OSS origin.
HwPrivateAccess	HwPrivateAccess	No	Access authentication for Huawei Cloud OBS origin
OthersPrivateAccess	OthersPrivateAccess	No	Origin-pull authentication for other origins.

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CDNDomainInfo

CDN domain name information

Used by actions: DescribeCDNDomains.

Name	Type	Description
Domain	String	Domain.
DeployStatus	String	Deployment status.
Cname	String	Cname record.
CreateTime	String	Create Time
Config	CDNDomainConfig	CDN domain name configuration information. Note: This field may return null, indicating that no valid value can be obtained.

Cache

Node cache expiration time configuration

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
RuleCache	Array of RuleCache	No	Path cache configuration.

CacheConfigCache

Path cache configuration

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Path cache configuration switch, the values u200bu200bare: • on: on; • off: off.
CacheTime	Integer	Yes	Cache expiration time settings

			• Unit: second. The maximum value is 365 days.
CompareMaxAge	String	Yes	Advanced cache expiration configuration. When enabled, the max-age value returned by the origin site will be compared with the cache expiration time set in CacheRules, and the minimum value will be used to cache the node. Values: • on: enabled; • off: off.
IgnoreCacheControl	String	Yes	Force caching, values: • on: on; • off: off.
IgnoreSetCookie	String	Yes	When the origin site returns the Set-Cookie header, whether the node caches the header and body: • on: on, does not cache the header and body; • off: off, follows user customization Node caching rules.

CacheConfigFollowOrigin

Path cache configuration follows the origin server configuration.

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	The path cache follows the origin site configuration switch. The values u200bu200bare: • on: on; • off: off.
HeuristicCache	HeuristicCache	No	Heuristic cache configuration

CacheConfigNoCache

Path cache/no cache configuration.

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Path cache does not cache configuration configuration switch, value: • on: on;

			• off: off.
Revalidate	String	Yes	Always return to the origin site for verification, value: • on: on; • off: off.

Canvas

Canvas information. When a video is composed, if the source material (video or image) cannot fill the output video window, the background will be drawn with the set canvas.

Used by actions: ComposeMedia, DescribeTaskDetail, PullEvents.

Name	Type	Required	Description
Color	String	No	Background color. Valid values: • Black: black background • White: white background Default value: Black.
Width	Integer	No	Canvas width, that is, the width of the output video, value range: 0~3840, unit: px. Default value: 0, which means the video width is the same as the first video clip of the first video track.
Height	Integer	No	Canvas height, that is, the height (or long side) of the output video, value range: 0~3840, unit: px. Default value: 0, which means the video height is consistent with the first video clip of the first video track.

CdnLogInfo

CDN log information

Used by actions: DescribeCdnLogs.

Name	Type	Description
Date	String	Log date in the format of `yyyy-MM-dd`, such as 2018-03-01.
Name	String	Log name in the format of date and time-domain name, such as 2018120101-test.vod2.mqcloud.com.

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Url	String	Log download link, which is valid for 24 hours.
StartTime	String	Log start time in ISO date format
EndTime	String	Log end time in ISO date format

ClassificationConfigureInfo

Control parameter of intelligent categorization task

Used by actions: CreateAIAnalysisTemplate, DescribeAIAnalysisTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of intelligent categorization task. Valid values: • ON: enables intelligent categorization task; • OFF: disables intelligent categorization task.

ClassificationConfigureInfoForUpdate

Control parameter of intelligent categorization task

Used by actions: ModifyAIAnalysisTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of intelligent categorization task. Valid values: • ON: enables intelligent categorization task; • OFF: disables intelligent categorization task.

ClipFileInfo2017

Information of file generated by video clipping (v2017)

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
ErrCode	Integer	Error code • 0: success; • Other values: failure.

		Note: this field may return null, indicating that no valid values can be obtained.
Message	String	Error description. Note: this field may return null, indicating that no valid values can be obtained.
FileId	String	Output target file ID. Note: this field may return null, indicating that no valid values can be obtained.
FileUrl	String	Output target file address. Note: this field may return null, indicating that no valid values can be obtained.
FileType	String	Output target file type. Note: this field may return null, indicating that no valid values can be obtained.

ClipTask2017

The details of a video editing task. This parameter is only valid for tasks initiated by the v2017 video editing API.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	Video clipping task ID.
SrcFileId	String	ID of source file for video clipping task.
FileInfo	ClipFileInfo2017	Information of file output by video clipping.

ColorEnhanceInfo

Color enhancement configuration.

Used by actions: CreateEnhanceMediaTemplate, CreateRebuildMediaTemplate, DescribeTaskDetail, ModifyEnhanceMediaTemplate, ModifyRebuildMediaTemplate, PullEvents, RebuildMedia.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable color enhancement. Valid values: • `ON` • `OFF`
Type	String	No	The color enhancement type. This parameter is valid only if `Switch` is

			`ON` . • `weak` • `normal` • `strong` Default value: `weak` .

ComplexAdaptiveDynamicStreamingTask

Execution information of the adaptive bitrate streaming task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Descri
TaskId	String	Task I
Status	String	Task s Valid v • PROC proces • FIN compl
ComplexAdaptiveDynamicStreamingTaskResultSet	Array of ComplexAdaptiveDynamicStreamingTaskResult	Execu status result compl adapti stream Each a elemer corres an ada bitrate stream templa specifi initiati task.

ComplexAdaptiveDynamicStreamingTaskAudioInput

Input parameters for audio streams in the adaptive bitrate streaming task.

Used by actions: CreateComplexAdaptiveDynamicStreamingTask.

Name	Type	Required	Description
FileId	String	Yes	Media ID of the input audio file. The first audio stream in the media will be fixed, while video streams and other audio streams (if any) will be ignored.
Name	String	Yes	Audio stream name in the output, supporting up to 16 characters.
Language	String	Yes	The language of the audio stream in the output, supporting up to 16 characters. It must comply with the RFC5646 specification.
Default	String	No	Whether to set as the default audio for adaptive bitrate streaming. • YES: Set as the default audio; • NO: Not set as the default audio (default value).

ComplexAdaptiveDynamicStreamingTaskInput

Input parameters for the adaptive bitrate streaming task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Required	Description
StreamPara	ComplexAdaptiveDynamicStreamingTaskStreamPara	Yes	Adaptive bitrate streaming parameters.

ComplexAdaptiveDynamicStreamingTaskOutput

Output of the adaptive bitrate streaming task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Definition	Integer	Adaptive bitrate streaming template ID.
Format	String	The adaptive bitrate streaming format. Valid values: • HLS;

		• MPEG-DASH.
DrmType	String	DRM scheme type, value range: • Widevine; • FairPlay. The default value is an empty string, indicating that the video will not be DRM protected.
Url	String	Playback address of the output manifest.

ComplexAdaptiveDynamicStreamingTaskResult

Execution information of a single adaptive bitrate stream in a complex adaptive bitrate streaming task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status of a single adaptive bitrate stream. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
Message	String	Error message.
Progress	Integer	The execution progress of a single adaptive bitrate stream. Value range: 0-100.
Input	ComplexAdaptiveDynamicStreamingTaskInput	Input of a single adaptive bitrate stream.
Output	ComplexAdaptiveDynamicStreamingTaskOutput	Output of a single adaptive bitrate stream.

ComplexAdaptiveDynamicStreamingTaskStreamPara

Input parameters related to the adaptive bitrate streaming template.

Used by actions: CreateComplexAdaptiveDynamicStreamingTask, DescribeTaskDetail, PullEvents.

Name	Type	Required	Description
Definition	Integer	Yes	Adaptive bitrate streaming template ID.

ComplexAdaptiveDynamicStreamingTaskSubtitleInput

Input parameters for subtitles in the complex adaptive bitrate streaming task.

Used by actions: CreateComplexAdaptiveDynamicStreamingTask.

Name	Type	Required	Description
Id	String	Yes	Subtitle ID, which must belongs to the main media.
Default	String	No	Whether to set as the default subtitle for adaptive bitrate streaming. • YES: Set as the default subtitle; • NO: Not set as the default subtitle (default value).

ComposeMediaOutput

Information of output media file.

Used by actions: ComposeMedia, DescribeTaskDetail, PullEvents.

Name	Type	Required	Description
FileName	String	Yes	Filename of up to 64 characters.
Description	String	No	Description, which can contain up to 128 characters.
ClassId	Integer	No	Category ID, which is used to categorize the media for management. A category can be created and its ID can be obtained by using the category creating API. • Default value: 0, which means "Other".
ExpireTime	String	No	Expiration time of output media file in ISO 8601 format, after which the file will be deleted. Files will never expire by default. For more information, please see Notes on ISO Date Format.
Container	String	No	Container. Valid values: mp4, mp3. mp3 is for audio files.
VideoStream	OutputVideoStream	No	Information of output video.

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			Note: this field may return null, indicating that no valid values can be obtained.
AudioStream	OutputAudioStream	No	Information of output audio. Note: this field may return null, indicating that no valid values can be obtained.
RemoveVideo	Integer	No	Whether to remove video data. Valid values: • 0: retain • 1: remove Default value: 0.
RemoveAudio	Integer	No	Whether to remove audio data. Valid values: • 0: retain • 1: remove Default value: 0.

ComposeMediaTask

Media file composing task information

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	Task ID.
Status	String	Task flow status. Valid values: • PROCESSING: processing; • FINISH: completed. Note: this field may return null, indicating that no valid values can be obtained.
ErrCode	Integer	Error code • 0: success; • Other values: failure. Note: this field may return null, indicating that no valid values can be obtained.
Message	String	Error message. Note: this field may return null, indicating that no valid values

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		can be obtained.
Progress	Integer	Progress of a media file composing task. Value range: [0, 100]
Input	ComposeMediaTaskInput	Input of media file composing task. Note: this field may return null, indicating that no valid values can be obtained.
Output	ComposeMediaTaskOutput	Output of media file composing task. Note: this field may return null, indicating that no valid values can be obtained.
MetaData	MediaMetaData	The metadata of the output video. Note: This field may return `null` , indicating that no valid value was found.
SessionId	String	ID used for deduplication. If there was a request with the same ID in the last seven days, the current request will return an error. The ID can contain up to 50 characters. If this parameter is not carried or is left empty, no deduplication will be performed.
SessionContext	String	The source context which is used to pass through the user request information. The task flow status change callback will return the value of this parameter. It can contain up to 1000 characters.

ComposeMediaTaskInput

Input of media file composing task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Tracks	Array of MediaTrack	List of input media tracks, i.e., information of multiple tracks composed of video, audio, image, and other materials.
Canvas	Canvas	Canvas used for composing video file. Note: this field may return null, indicating that no valid values can be obtained.
Output	ComposeMediaOutput	Information of output media file.

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ComposeMediaTaskOutput

Output of media file composing task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
FileType	String	File type, such as mp4 and mp3.
FileId	String	Media file ID.
FileUrl	String	Media file playback address.
MediaName	String	Filename of up to 64 characters.
ClassId	Integer	Category ID, which is used to categorize the media for management. A category can be created and its ID can be obtained by using the category creating API. • Default value: 0, which means "Other".
ExpireTime	String	Expiration time of output media file in ISO 8601 format, after which the file will be deleted. Files will never expire by default. For more information, please see Notes on ISO Date Format.

ConcatFileInfo2017

Information of source file for video splicing (v2017)

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
ErrCode	Integer	Error code • 0: success; • Other values: failure. Note: this field may return null, indicating that no valid values can be obtained.
Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
FileId	String	ID of source file for video splicing. Note: this field may return null, indicating that no valid values can be obtained.
FileUrl	String	Address of source file for video splicing.

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		Note: this field may return null, indicating that no valid values can be obtained.
FileType	String	Format of source file for video splicing. Note: this field may return null, indicating that no valid values can be obtained.

ConcatTask2017

The details of a video splicing task. This parameter is only valid for tasks initiated by the v2017 video splicing API.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	Video splicing task ID.
FileInfoSet	Array of ConcatFileInfo2017	Information of source file for video splicing.

ContentReviewOcrResult

The result for OCR-based image moderation.

Used by actions: ReviewImage.

Name	Type	Description
Confidence	Float	The confidence score for the OCR-based moderation result. Value range: 0-100.
Suggestion	String	The suggestion for handling the suspicious content detected based on OCR. Valid values: • pass/li> • review • block
KeywordSet	Array of String	The list of suspicious keywords detected based on OCR.
AreaCoordSet	Array of Integer	The coordinates (pixel) of the top-left and bottom-right corners of the frame where a suspicious keyword appears. Format: [x1, y1, x2, y2].

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ContentReviewResult

The result for intelligent image moderation.

Used by actions: ReviewImage.

Name	Type	Description
Type	String	The result type. Valid values: • Porn.Image: Pornographic content in the image • Terrorism.Image: Terrorist content in the image • Political.Image: Politically sensitive content in the image • Porn.Ocr: Pornographic content in the image based on OCR • Terrorism.Ocr: Terrorist content in the image based on OCR • Political.Ocr: Politically sensitive content in the image based on OCR
PornImageResult	PornImageResult	The pornographic content detected in the image. This parameter is valid if `Type` is `Porn.Image`. Note: This field may return `null`, indicating that no valid value was found.
TerrorismImageResult	TerrorismImageResult	The terrorist content detected in the image. This parameter is valid if `Type` is `Terrorism.Image`. Note: This field may return `null`, indicating that no valid value was found.
PoliticalImageResult	PoliticalImageResult	The politically sensitive content detected in the image. This parameter is valid if `Type` is `Political.Image`. Note: This field may return `null`, indicating that no valid value was found.
PornOcrResult	ContentReviewOcrResult	The pornographic content detected in the image based on OCR. This parameter is valid if `Type` is `Porn.Ocr`. Note: This field may return `null`, indicating that no valid value was found.
TerrorismOcrResult	ContentReviewOcrResult	The terrorist content detected in the image based on OCR. This parameter is valid if `Type` is `Terrorism.Ocr`.

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		Note: This field may return `null`, indicating that no valid value was found.
PoliticalOcrResult	ContentReviewOcrResult	The politically sensitive content detected in the image based on OCR. This parameter is valid if `Type` is `Political.Ocr`. Note: This field may return `null`, indicating that no valid value was found.

ContentReviewTemplateItem

Intelligent recognition template details

Used by actions: DescribeContentReviewTemplates.

Name	Type	Description
Definition	Integer	Unique ID of an intelligent recognition template
Name	String	Name of an intelligent recognition template. Max 64 characters
Comment	String	Description of an intelligent recognition template. Max 256 characters
PornConfigure	PornConfigureInfo	Parameters for recognition of pornographic content Note: This field may return `null`, indicating that no valid value can be found.
TerrorismConfigure	TerrorismConfigureInfo	Parameters for recognition of terrorism content Note: This field may return `null`, indicating that no valid value can be found.
PoliticalConfigure	PoliticalConfigureInfo	Parameters for recognition of politically sensitive content Note: This field may return `null`, indicating that no valid value can be found.
ProhibitedConfigure	ProhibitedConfigureInfo	Control parameter of prohibited information detection. Prohibited information includes: • Abusive; • Drug-related. Note: this field may return null, indicating that no valid values can be obtained.

UserDefineConfigure	UserDefineConfigureInfo	Custom recognition parameters Note: This field may return `null`, indicating that no valid value can be found.
ReviewWallSwitch	String	Whether to subject the recognition result to human review • ON • OFF
ScreenshotInterval	Float	Frame capturing interval in seconds. If this parameter is left empty, 1 second will be used by default. Minimum value: 0.5 seconds.
CreateTime	String	Creation time of template in ISO date format.
UpdateTime	String	Last modified time of template in ISO date format.

CopyRightWatermarkInput

Copyright watermark parameters

Used by actions: CreateProcedureTemplate, ProcessMedia, ResetProcedureTemplate.

Name	Type	Required	Description
Text	String	Yes	Copyright information, maximum length is 200 characters.

CoverBySnapshotTaskInput

Input parameter type of cover generating task

Used by actions: CreateProcedureTemplate, DescribeTaskDetail, ProcessMedia, PullEvents, ResetProcedureTemplate.

Name	Type	Required	Description
Definition	Integer	Yes	Time point screencapturing template ID.
PositionType	String	Yes	Screencapturing mode. Valid values: • Time: screencaptures by time point • Percent: screencaptures by percentage
PositionValue	Float	Yes	Screenshot position:

			• For time point screencapturing, this means to take a screenshot at a specified time point (in seconds) and use it as the cover • For percentage screencapturing, this value means to take a screenshot at a specified percentage of the video duration and use it as the cover
WatermarkSet	Array of WatermarkInput	No	List of up to 10 image or text watermarks. Note: this field may return null, indicating that no valid values can be obtained.

CoverBySnapshotTaskOutput

Output type of cover generating task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
CoverUrl	String	Cover URL.

CoverConfigureInfo

Control parameter of intelligent cover generating task

Used by actions: CreateAIAnalysisTemplate, DescribeAIAnalysisTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of intelligent cover generating task. Valid values: • ON: enables intelligent cover generating task; • OFF: disables intelligent cover generating task.

CoverConfigureInfoForUpdate

Control parameter of intelligent cover generating task

Used by actions: ModifyAIAnalysisTemplate.

Name	Type	Required	Description

Switch	String	No	Switch of intelligent cover generating task. Valid values: • ON: enables intelligent cover generating task; • OFF: disables intelligent cover generating task.

CrashScreenConfigureInfo

Control parameters for video screen blur detection.

Used by actions: CreateQualityInspectTemplate, DescribeQualityInspectTemplates.

Name	Type	Required	Description
Switch	String	Yes	Video screen distortion detection switch, optional values: • ON: turn on; • OFF: turn off.

CrashScreenConfigureInfoForUpdate

Control parameters for video screen blur detection.

Used by actions: ModifyQualityInspectTemplate.

Name	Type	Required	Description
Switch	String	No	Video screen distortion detection switch, optional values: • ON: turn on; • OFF: turn off.

CreateImageSpriteTask2017

The details of an image sprite task. This parameter is only valid for tasks initiated by the v2017 image sprite API.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	Image sprite generating task ID.
ErrCode	Integer	Error code • 0: success; • Other values: failure.

		Note: this field may return null, indicating that no valid values can be obtained.
Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
FileId	String	ID of generated image sprite file. Note: this field may return null, indicating that no valid values can be obtained.
Definition	Integer	Image sprite specification. For more information, please see Image Sprite Generating Template. Note: this field may return null, indicating that no valid values can be obtained.
TotalCount	Integer	Total number of subimages in image sprite. Note: this field may return null, indicating that no valid values can be obtained.
ImageSpriteUrlSet	Array of String	Address of output image sprite. Note: this field may return null, indicating that no valid values can be obtained.
WebVttUrl	String	Address of WebVtt file for the position-time relationship among subimages in an image sprite. Note: this field may return null, indicating that no valid values can be obtained.

DNSVerifyInfo

DNS verification information

Used by actions: CreateDomainVerifyRecord.

Name	Type	Description
SubDomain	String	sub-parsing.
Record	String	parse value.
RecordType	String	parsing type.

DescribeFileAttributesTask

The information of a task to get file attributes.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	The task ID.
Status	String	The task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCode	Integer	The error code. `0` indicates the task is successful. Other values indicate that the task failed. • `40000` : Invalid input parameter. • `60000` : Source file error (e.g., video data is corrupted). • `70000` : Internal server error. Please try again.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; other values indicate that the task failed. For details, see Video processing error codes.
Message	String	The error message.
Progress	Integer	The task progress. Value range: 0-100.
FileId	String	The file ID
Output	DescribeFileAttributesTaskOutput	The output of the task to get file attributes. Note: This field may return null, indicating that no valid values can be obtained.
SessionId	String	The session ID, which is used for de-duplication. If there was a request with the same session ID in the last seven days, an error will be returned for the current request. The session ID can contain up to 50 characters. If you do not pass this parameter or pass in an empty string, duplicate sessions will not be identified.
SessionContext	String	The source context, which is used to pass through user request information. The `ProcedureStateChanged` callback will return the value of this parameter. It can contain up to 1,000 characters.

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DescribeFileAttributesTaskOutput

The output of a task to get file attributes.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Md5	String	The MD5 hash of the file.
Sha1	String	The Sha1 value of the media file.

DomainDetailInfo

Domain name information

Used by actions: DescribeVodDomains.

Name	Type	Description
Domain	String	Domain name
AccelerateAreaInfos	Array of AccelerateAreaInfo	Acceleration region information Note: this field may return `null` , indicating that no valid value is obtained.
DeployStatus	String	Deployment status. Valid values: • Online • Deploying • Locked: you cannot change the deployment status of locked domain names
HTTPSConfig	DomainHTTPSConfig	HTTPS configuration information Note: this field may return `null` , indicating that no valid value is obtained.
UrlSignatureAuthPolicy	UrlSignatureAuthPolicy	Key hotlink protection configuration Note: this field may return `null` , indicating that no valid value is obtained.
RefererAuthPolicy	RefererAuthPolicy	Referer hotlink protection configuration Note: this field may return `null` , indicating that no

		valid value is obtained.
CreateTime	String	The time when the domain name was added in the VOD system • The time is in ISO 8601 date format.
QUICConfig	DomainQUICConfig	The QUIC configuration for the domain. Note: This field may return null, indicating that no valid values can be obtained.
IPFilterPolicy	IPFilterPolicy	
Type	String	Domain type. Valid values: • `VOD` : Domain name distributed using the VOD product; • `EdgeOne` : Domain name distributed using the EdgeOne product.

DomainHTTPSConfig

HTTPS configuration information of the domain name

Used by actions: DescribeVodDomains.

Name	Type	Required	Description
CertExpireTime	String	Yes	Time when the certificate expires • The time is in ISO 8601 date format.
CloudCertId	String	No	Certificate ID in Tencent Cloud SSL product.

DomainQUICConfig

The QUIC configuration of a domain.

Used by actions: DescribeVodDomains, ModifyVodDomainConfig.

Name	Type	Required	Description
Status	String	Yes	The QUIC status. Valid values: • `Enabled` • `Disabled`

DrmStreamingsInfo

DRM-protected adaptive bitstream playback information

Used by actions: CreateSuperPlayerConfig, DescribeSuperPlayerConfigs.

Name	Type	Required	Description
SimpleAesDefinition	Integer	No	ID of the adaptive bitrate streaming template whose protection type is SimpleAES.
WidevineDefinition	Integer	No	The ID of the adaptive bitrate streaming template that encrypts the streams by Widewine.
FairPlayDefinition	Integer	No	The ID of the adaptive bitrate streaming template that encrypts the streams by FairPlay.

DrmStreamingsInfoForUpdate

Modification object of DRM-protected adaptive bitstream playback information

Used by actions: ModifySuperPlayerConfig.

Name	Type	Required	Description
SimpleAesDefinition	Integer	No	ID of the adaptive bitrate streaming template whose protection type is SimpleAES.
WidevineDefinition	Integer	No	The ID of the adaptive bitrate streaming template that encrypts the streams by Widewine.
FairPlayDefinition	Integer	No	The ID of the adaptive bitrate streaming template that encrypts the streams by FairPlay.

DynamicRangeInfo

Dynamic range information.

Used by actions: LiveRealTimeClip, SimpleHlsClip.

Name	Type	Description
Type	String	The dynamic range information. Valid values:

		• `SDR` : Standard Dynamic Range • `HDR` : High Dynamic Range
HDRType	String	The HDR type. This parameter is valid only if `Type` is `HDR` . Valid values: • `hdr10` • `hlg`

EditMediaFileInfo

VOD video file editing information

Used by actions: DescribeTaskDetail, EditMedia, PullEvents.

Name	Type	Required	Description
FileId	String	Yes	Video ID.
StartTimeOffset	Float	No	Offset time of the start of the video clip, unit: seconds.
EndTimeOffset	Float	No	Offset time at the end of the video clip, unit: seconds.

EditMediaOutputConfig

Result file output of edited video.

Used by actions: EditMedia.

Name	Type	Required	Description
MediaName	String	No	Output file name, up to 64 characters. By default, the generated file name is specified by the system.
Type	String	No	Output file format, optional values: mp4, hls. The default is mp4.
ClassId	Integer	No	Classification ID is used to classify media. You can create a classification through the Create Classification interface to obtain the classification ID. • Default value: 0, indicating other categories.
ExpireTime	String	No	The expiration time of the output file. The file will be deleted after this time. The default is permanent and not expired. The format is expressed in accordance

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			with the ISO 8601 standard. For details, see ISO Date Format Description.
VideoStream	EditMediaVideoStream	No	Output video information.
TEHDConfig	EditMediaTEHDConfig	No	TSC Transcoding Config.

EditMediaStreamInfo

Video stream editing information

Used by actions: DescribeTaskDetail, EditMedia, PullEvents.

Name	Type	Required	Description
StreamId	String	Yes	ID of recorded stream
StartTime	String	No	Start time of stream clipping in ISO date format. Note: this field may return null, indicating that no valid values can be obtained.
EndTime	String	No	End time of stream clipping in ISO date format. Note: this field may return null, indicating that no valid values can be obtained.

EditMediaTEHDConfig

EditMediaT TSC Transcoding Config.

Used by actions: EditMedia.

Name	Type	Required	Description
Type	String	Yes	TSC Transcoding type, optional values: • TEHD-100 means TSC Transcoding-definition-100; • OFF means turning off TSC Transcoding-definition. Leave it blank to indicate OFF.

EditMediaTask

Video editing task information

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	Task ID.
Status	String	Task flow status. Valid values: • PROCESSING: processing; • FINISH: completed. Note: this field may return null, indicating that no valid values can be obtained.
ErrCode	Integer	Error code. 0: success; other values: failure. • 40000: invalid input parameter. Please check it; • 60000: invalid source file (e.g., video data is corrupted). Please check whether the source file is normal; • 70000: internal service error. Please try again. Note: this field may return null, indicating that no valid values can be obtained.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	Progress of a video editing task. Value range: [0, 100]
Input	EditMediaTaskInput	Input of video editing task. Note: this field may return null, indicating that no valid values can be obtained.
Output	EditMediaTaskOutput	Output of video editing task. Note: this field may return null, indicating that no valid values can be obtained.
MetaData	MediaMetaData	The metadata of the output video.
ProcedureTaskId	String	The task ID for the task type `Procedure`. If a task flow (`ProcedureName`) is specified by EditMedia, and the task flow includes one or more of `MediaProcessTask` , `AiAnalysisTask` , and

		`AiRecognitionTask` , the task specified by this parameter will be executed.
ReviewAudioVideoTaskId	String	The task ID for the task type `ReviewAudioVideo` . If a task flow (`ProcedureName`) is specified by EditMedia, and the task flow includes `ReviewAudioVideoTask` , the task specified by this parameter will be executed.
SessionId	String	The ID used for deduplication. If there was a request with the same ID in the last seven days, the current request will return an error. The ID can contain up to 50 characters. If this parameter is left empty or a blank string is entered, no deduplication will be performed. Note: this field may return null, indicating that no valid values can be obtained.
SessionContext	String	The source context which is used to pass through the user request information. The task flow status change callback will return the value of this field. It can contain up to 1,000 characters. Note: this field may return null, indicating that no valid values can be obtained.

EditMediaTaskInput

Input of video editing task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
InputType	String	Input video source type. Valid values: File, Stream.
FileInfoSet	Array of EditMediaFileInfo	Information of input video file. This field has a value only when `InputType` is `File` . Note: this field may return null, indicating that no valid values can be obtained.
StreamInfoSet	Array of EditMediaStreamInfo	Input stream information. This field has a value only when `InputType` is `Stream` . Note: this field may return null, indicating that no valid values can be obtained.

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EditMediaTaskOutput

Output of video editing task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
FileType	String	File type, such as mp4 and flv. Note: this field may return null, indicating that no valid values can be obtained.
FileUrl	String	Media file playback address. Note: this field may return null, indicating that no valid values can be obtained.
FileId	String	Media file ID. Note: this field may return null, indicating that no valid values can be obtained.
MediaName	String	Output filename of up to 64 characters, which is generated by the system by default. Note: this field may return null, indicating that no valid values can be obtained.
ClassId	Integer	Category ID, which is used to categorize the media for management. A category can be created and its ID can be obtained by using the category creating API. • Default value: 0, which means "Other". Note: this field may return null, indicating that no valid values can be obtained.
ExpireTime	String	Expiration time of output media file in ISO 8601 format, after which the file will be deleted. Files will never expire by default. For more information, please see Notes on ISO Date Format. Note: this field may return null, indicating that no valid values can be obtained.

EditMediaVideoStream

Video stream configuration information

Used by actions: EditMedia.

Name	Type	Required	Description
Codec	String	No	The encoding format of the video stream, optional values: • libx264: H.264 encoding; • libx265: H.265 encoding; • av1: AOMedia Video 1 encoding; • H.266: H.266 encoding.

Bitrate	Integer	No	The bit rate of the video stream, value range: 0 and [128, 35000], unit: kbps. When the value is 0 or left blank, it means automatically selecting the best video bit rate.
ResolutionAdaptive	String	No	Resolution adaptive, optional values: • open: open, at this time, Width represents the long side of the video, and Height represents the short side of the video; • close: closed, at this time , Width represents the width of the video, and Height represents the height of the video. Default value: open.
Width	Integer	No	Resolution adaptive, optional values: • open: open, at this time, Width represents the long side of the video, and Height represents the short side of the video; • close: closed, at this time , Width represents the width of the video, and Height represents the height of the video. Default value: open.
Height	Integer	No	The maximum value of the video stream height (or short side), value range: 0 and [128, 4096], unit: px. • When Width and Height are both 0, the resolution is based on the base resolution; • When Width is 0 and Height is non-0, Width is scaled according to the base resolution; li> • When Width is non-0 and Height is 0, the Height is scaled according to the base resolution; • When both Width and Height are non-0, the resolution is specified by the user. Default value: 0.
Fps	Integer	No	Video frame rate, value range: [0, 100], unit: Hz. When the value is 0, the frame rate will be automatically set for the video. The default value is 0.

EmptyTrackItem

Empty track segment used as placeholder on time axis. If you want a period of silence between two audio segments, you can use `EmptyTrackItem` to hold the place.

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Used by actions: ComposeMedia.

Name	Type	Required	Description
Duration	Float	Yes	Duration in seconds.

EnhanceMediaQualityOutputConfig

Remaster result file output

Used by actions: EnhanceMediaQuality.

Name	Type	Required	Description
MediaName	String	No	Output file name, up to 64 characters. The system will specify the file name by default
ClassId	Integer	No	Category ID, used for media classification management, can be obtained by creating a category interface, create a category, get the category ID. • Default value: 0, which means other categories.
ExpireTime	String	No	The expiration time of the output file, the file will be deleted after this time, the default is never to expire, the format is in accordance with the ISO 8601 standard, see ISO date format description.

EventContent

Event notification content, where TranscodeCompleteEvent, ConcatCompleteEvent, ClipCompleteEvent, CreateImageSpriteCompleteEvent, and SnapshotByTimeOffsetCompleteEvent are event notifications for tasks that are initiated by v2017-compatible APIs.

Used by actions: PullEvents.

Name	Type	Description
EventHandle	String	Event handl `ConfirmE` been receive seconds. Aft be obtained
EventType	String	**Supported**

		• `NewFil` • `Proced` changed. • `FileDe` • `Restor` • `PullCo` • `EditMe` • `SplitM` • `Compos` the media fil • `Wechat` Finished pub • `Remove` • `Rebuil` remastering • `Review` moderation. • `Extrac` Finished dig • `Descri` Finished get • `Qualit` FinishedQua • `Persis` • `ComplexA`: Finished processing. **v2017 task** • `Transc` transcoding. • `Concat` • `ClipCo` • `Create` image sprite • `Create` Finished tim
FileUploadEvent	FileUploadTask	Media uploa NewFileUplo Note: This fi value can be
ProcedureStateChangeEvent	ProcedureTask	Task flow st type is Proce

		Note: This fi value can be
FileDeleteEvent	FileDeleteTask	File deleted FileDeleted. Note: This fi value can be
PullCompleteEvent	PullUploadTask	PullUpload c is PullComp Note: This fi value can be
EditMediaCompleteEvent	EditMediaTask	EditMedia c is EditMedia Note: This fi value can be
SplitMediaCompleteEvent	SplitMediaTask	SplitMedia c is SplitMedi Note: This fi value can be
ComposeMediaCompleteEvent	ComposeMediaTask	ComposeMe type is Comp Note: This fi value can be
ClipCompleteEvent	ClipTask2017	Expired.
TranscodeCompleteEvent	TranscodeTask2017	Expired.
CreateImageSpriteCompleteEvent	CreateImageSpriteTask2017	Expired.
ConcatCompleteEvent	ConcatTask2017	Expired.
SnapshotByTimeOffsetCompleteEvent	SnapshotByTimeOffsetTask2017	Expired.
WechatPublishCompleteEvent	WechatPublishTask	Expired.
WechatMiniProgramPublishCompleteEvent	WechatMiniProgramPublishTask	WechatMini when the ev WechatMini Note: This fi value can be
RemoveWatermarkCompleteEvent	RemoveWatermarkTask	RemoveWat event type is

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		Note: This fi value can be
RestoreMediaCompleteEvent	RestoreMediaTask	RestoreMed type is Resto Note: This fi value can be
RebuildMediaCompleteEvent	RebuildMediaTask	RebuildMed type is Rebu Note: This fi value can be
ExtractTraceWatermarkCompleteEvent	ExtractTraceWatermarkTask	Expired.
ExtractCopyRightWatermarkCompleteEvent	ExtractCopyRightWatermarkTask	Expired.
ReviewAudioVideoCompleteEvent	ReviewAudioVideoTask	ReviewAudi event type is Note: This fi value can be
ReduceMediaBitrateCompleteEvent	ReduceMediaBitrateTask	Expired.
DescribeFileAttributesCompleteEvent	DescribeFileAttributesTask	DescribeFile event type is Note: This fi value can be
QualityInspectCompleteEvent	QualityInspectTask	QualityInspe type is Quali Note: This fi value can be
QualityEnhanceCompleteEvent	QualityEnhanceTask	Remaster co is QualityEn Pay attentio no valid valu
MediaCastStatusChangedEvent	MediaCastEvent	MediaCastS type is Medi Pay attentio no valid valu
PersistenceCompleteEvent	PersistenceCompleteTask	Persistence type is Persi

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		Note: This fi value can be
ComplexAdaptiveDynamicStreamingCompleteEvent	ComplexAdaptiveDynamicStreamingTask	Complex ad completion e ComplexAda Note: This fi value can be

ExtractCopyRightWatermarkTask

Extract copyright watermark

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	Task ID.
Status	String	Task status, values: • PROCESSING: Processing; • FINISH: Completed.
ErrCode	Integer	Error code, 0 means success, other values u200bu200bmean failure: • 40000: The input parameters are illegal, please check the input parameters; • 60000: Source file error (such as video data damage), Please confirm whether the source file is normal; • 70000: Internal service error, it is recommended to try again.
Message	String	Error message.
ErrCodeExt	String	Error code. An empty string indicates success. Other values u200bu200bindicate failure. For values, please refer to Video Processing Error Code list.
Input	ExtractCopyRightWatermarkTaskInput	Extract copyright watermark task input information. Note: This field may return null, indicating that no valid value can be obtained.

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Output	ExtractCopyRightWatermarkTaskOutput	Extract copyright watermark task output information. Note: This field may return null, indicating that no valid value can be obtained.
SessionId	String	Identification code used for deduplication. If there is a request for the same identification code within seven days, this request will return an error. The maximum length is 50 characters, without or with an empty string to indicate no deduplication.
SessionContext	String	Source context, used to transparently transmit user request information. The task flow status change callback will return the value of this field, which can be up to 1000 characters.

ExtractCopyRightWatermarkTaskInput

Extract copyright watermark task input

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Url	String	The media URL from which the watermark needs to be extracted.

ExtractCopyRightWatermarkTaskOutput

Extract copyright watermark output information

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Text	String	Copyright information

ExtractTraceWatermarkTask

A digital watermark extraction task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	The task ID.
Status	String	The task status. Valid values: • PROCESSING • FINISH
ErrCode	Integer	The error code. `0` indicates the task is successful. Other values indicate that the task failed. • 40000: Invalid input parameter. • 60000: Source file error (e.g., video data is corrupted). • 70000: Internal server error. Please try again.
Message	String	The error message.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; other values indicate that the task failed. For details, see Video processing error codes.
Input	ExtractTraceWatermarkTaskInput	The information of a digital watermark extraction task.
Output	ExtractTraceWatermarkTaskOutput	The output of a digital watermark extraction task.
SessionId	String	The session ID, which is used for de-duplication. If there was a request with the same session ID in the last seven days, an error will be returned for the current request. The session ID can contain up to 50 characters. If you do not pass this parameter or pass in an empty string, duplicate sessions will not be identified.
SessionContext	String	The source context, which is used to pass through user request information. The `ProcedureStateChanged` callback will return the value of this parameter. It can contain up to 1,000 characters.

ExtractTraceWatermarkTaskInput

The input of digital watermark extraction.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Url	String	The URL of the media on which digital watermark extraction is to be performed.
FileId	String	Media file ID. The original media file ID corresponding to the URL.

ExtractTraceWatermarkTaskOutput

The output of digital watermark extraction.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Uv	String	The distributor's user ID, which is a six-digit hex number. This parameter is relevant when digital watermarks are used.
Uid	String	This parameter has been deprecated.

FaceConfigureInfo

Control parameter of face recognition task

Used by actions: CreateAIRecognitionTemplate, DescribeAIRecognitionTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of face recognition task. Valid values: • ON: enables intelligent face recognition task; • OFF: disables intelligent face recognition task.
Score	Float	No	Face recognition filter score. If this score is reached or exceeded, a recognition result will be returned. Value range: 0–100. Default value: 95.
DefaultLibraryLabelSet	Array of String	No	Default face filter labels, which specify the types of faces to return. If this parameter is left empty, the recognition results for all labels are returned. Valid values:

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			• `entertainment` : people in the entertainment industry • `sport` : sports celebrities • `politician` : politically sensitive people
UserDefineLibraryLabelSet	Array of String	No	Custom face labels for filtering. After you specify a label, callbacks of face images without this label will be returned. If this parameter is not specified or left empty, callbacks of all face images will be returned. You can specify up to 100 labels, with each containing up to 16 characters.
FaceLibrary	String	No	Figure library. Valid values: • Default: default figure library; • UserDefine: custom figure library. • All: both default and custom figure libraries will be used. Default value: All (both default and custom figure libraries will be used.)

FaceConfigureInfoForUpdate

Control parameter of face recognition task

Used by actions: ModifyAIRecognitionTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of face recognition task. Valid values: • ON: enables intelligent face recognition task; • OFF: disables intelligent face recognition task.
Score	Float	No	Face recognition filter score. If this score is reached or exceeded, a recognition result will be returned. Value range: 0–100.
DefaultLibraryLabelSet	Array of String	No	Default face filter labels, which specify the types of faces to return. If this parameter is left empty or an empty value is entered, the recognition results for all labels are returned. Valid values: • `entertainment` : people in the entertainment industry • `sport` : sports celebrities

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			• `politician` : politically sensitive people
UserDefineLibraryLabelSet	Array of String	No	Custom face labels for filtering. After you specify a label, callbacks of face images without this label will be returned. If this parameter is not specified or left empty, callbacks of all face images will be returned. You can specify up to 100 labels, with each containing up to 16 characters.
FaceLibrary	String	No	Figure library. Valid values: • Default: default figure library; • UserDefine: custom figure library. • All: both default and custom figure libraries will be used.

FaceEnhanceInfo

Face enhancement configuration.

Used by actions: CreateEnhanceMediaTemplate, CreateRebuildMediaTemplate, DescribeTaskDetail, ModifyEnhanceMediaTemplate, ModifyRebuildMediaTemplate, PullEvents, RebuildMedia.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable face enhancement. Valid values: • `ON` • `OFF`
Intensity	Float	No	The face enhancement strength. This parameter is valid only if `Switch` is `ON` . Value range: 0.0 – 1.0. Default value: `0.0` .

FastEditMediaFileInfo

VOD fast media editing information

Used by actions: FastEditMedia.

Name	Type	Required	Description
FileId	String	Yes	Media file ID.
AudioVideoType	String	Yes	The types of media. Valid values:

			• Transcode:Transcoded output; • Original: Original audio and video. The audio and video being operated on must be in HLS format.
TranscodeDefinition	Integer	No	When AudioVideoType is set to Transcode, it is valid and indicates the transcoding template ID for the media being operated on.
StartTimeOffset	Float	No	Offset time of the start of the video clip, unit: seconds.
EndTimeOffset	Float	No	Offset time at the end of the video clip, unit: seconds.

FileDeleteResultItem

The result of file deletion.

Used by actions: PullEvents.

Name	Type	Description
FileId	String	The ID of the file deleted.
DeleteParts	Array of MediaDeleteItem	The type of the file deleted. Note: This field may return `null` , indicating that no valid value can be obtained.

FileDeleteTask

File deleting task

Used by actions: PullEvents.

Name	Type	Description
FileIdSet	Array of String	List of IDs of deleted files.
FileDeleteResultInfo	Array of FileDeleteResultItem	The information of the files deleted.

FileReviewInfo

File moderation information.

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Used by actions: DescribeMediaInfos, SearchMedia.

Name	Type	Description
MediaReviewInfo	ReviewInfo	Audio/Video moderation details*. * This parameter only contains the information of moderation tasks initiated by the ReviewAudioVideo or ReviewImage API. Note: This field may return null, indicating that no valid values can be obtained.
CoverReviewInfo	ReviewInfo	Thumbnail moderation details*. * This parameter only contains the information of moderation tasks initiated by the ReviewAudioVideo or ReviewImage API. Note: This field may return null, indicating that no valid values can be obtained.

FileUploadTask

File upload task information

Used by actions: PullEvents.

Name	Type	Description
FileId	String	Unique file ID.
MediaBasicInfo	MediaBasicInfo	Basic information of media file generated after upload is completed.
ProcedureTaskId	String	The task ID for the task type `Procedure`. If a task flow is specified for uploaded media, and the task flow includes one or more of `MediaProcessTask`, `AiAnalysisTask`, and `AiRecognitionTask`, the task specified by this parameter will be executed.
ReviewAudioVideoTaskId	String	The task ID for the task type `ReviewAudioVideo`. If a task flow is specified for uploaded media, and the task flow includes `ReviewAudioVideoTask`, the task specified by this parameter will be executed.
MetaData	MediaMetaData	Metadata, such as size, duration, video stream information, audio stream information, etc.

		Note: this field may return null, indicating that no valid values can be obtained.

FileVerifyInfo

File verification information

Used by actions: CreateDomainVerifyRecord.

Name	Type	Description
FileVerifyUrl	String	File verification URL guidance.
FileVerifyDomains	Array of String	File verification domain name list.
FileVerifyName	String	File verification file name. Note: This field may return null, indicating that no valid value can be obtained.

FollowRedirect

Back to the source 301/302 status code automatically follows the configuration, the default is off

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Back-to-origin follow configuration switch, the values u200bu200bare: • on: on; • off: off.

ForceRedirect

Access protocol forced redirect configuration. This is disabled by default.

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Access forced jump configuration switch, value:

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			• on: on; • off: off.
RedirectType	String	No	Access forced jump type: • http: forced http jump • https: forced https jump
RedirectStatusCode	Integer	No	Status code returned for forced redirect Supports 301, 302.
CarryHeaders	String	No	Whether to return the newly added header during force redirection.

FrameTagConfigureInfo

Control parameter of intelligent frame-specific tagging task

Used by actions: CreateAIAnalysisTemplate, DescribeAIAnalysisTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of intelligent frame-specific tagging task. Valid values: • ON: enables intelligent frame-specific tagging task; • OFF: disables intelligent frame-specific tagging task.
ScreenshotInterval	Float	No	Frame capturing interval in seconds. If this parameter is left empty, 1 second will be used by default. Minimum value: 0.5 seconds.

FrameTagConfigureInfoForUpdate

Control parameter of intelligent frame-specific tagging task

Used by actions: ModifyAIAnalysisTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of intelligent frame-specific tagging task. Valid values: • ON: enables intelligent frame-specific tagging task; • OFF: disables intelligent frame-specific tagging task.
ScreenshotInterval	Float	No	Frame capturing interval in seconds. Minimum value: 0.5 seconds.

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HDRInfo

High dynamic range (HDR) configuration.

Used by actions: CreateEnhanceMediaTemplate, CreateRebuildMediaTemplate, DescribeTaskDetail, ModifyEnhanceMediaTemplate, ModifyRebuildMediaTemplate, PullEvents, RebuildMedia.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable HDR. Valid values: • `ON` • `OFF`
Type	String	No	The HDR type. Valid values: • `hdr10` • `hlg` Note: • This parameter is valid only if `Switch` is `ON`. • For audio/video remastering, this parameter is valid only if the output video codec is `libx265`.

HeadTailConfigureInfo

Control parameter of video opening and ending credits recognition task.

Used by actions: CreateAIRecognitionTemplate, DescribeAIRecognitionTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of video opening and ending credits recognition task. Valid values: • ON: enables video opening and ending credits recognition task; • OFF: disables video opening and ending credits recognition task.

HeadTailConfigureInfoForUpdate

Control parameter of video opening and ending credits recognition task.

Used by actions: ModifyAIRecognitionTemplate.

Name	Type	Required	Description

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Switch	String	No	Switch of video opening and ending credits recognition task. Valid values: • ON: enables video opening and ending credits recognition task; • OFF: disables video opening and ending credits recognition task.

HeadTailTaskInput

Input parameters for a video opening/closing credits generation task

Used by actions: CreateComplexAdaptiveDynamicStreamingTask, CreateProcedureTemplate, ProcessMedia, ResetProcedureTemplate.

Name	Type	Required	Description
Definition	Integer	Yes	Video opening/closing credits configuration template ID

HeadTailTemplate

Head Tail Template Details

Used by actions: DescribeHeadTailTemplates.

Name	Type	Description
Definition	Integer	Head Tail Template Number.
Name	String	Template name, supports up to 64 characters.
Comment	String	Template description, up to 256 characters.
HeadCandidateSet	Array of String	Title candidate list. When using it, the one closest to the resolution of the feature film will be selected. When the same candidate exists, the first one will be selected. A maximum of 5 are supported.
TailCandidateSet	Array of String	Ending candidate list. When using it, the one closest to the resolution of the feature film will be selected. When the same candidate exists, the first one will be selected. A maximum of 5 are supported.
FillType	String	Padding method. When the video stream configuration width and height parameters are inconsistent with the aspect ratio of the original video, the transcoding processing method is "padding". Optional filling method: • stretch: stretch, stretch each frame to fill the entire screen, which may cause the transcoded video to be "squashed" or "stretched";

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		• gauss: Gaussian blur, keep the video aspect ratio unchanged, use Gaussian blur for the remaining edges; • white: leave blank, keep the video aspect ratio unchanged, use the remaining edges for the edge Use white filling; • black: Leave black, keep the video aspect ratio unchanged, and fill the remaining edges with black. Default value: stretch.
CreateTime	String	Template creation time, using ISO date format.
UpdateTime	String	The last modification time of the template, using ISO date format.

HeuristicCache

Heuristic cache configuration

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Heuristic cache configuration switch, the values u200bu200bare: • on: on; • off: off.
CacheConfig	HeuristicCacheConfig	No	Custom heuristic cache time configuration. Note: This field may return null, indicating that no valid value can be obtained.

HeuristicCacheConfig

Heuristic cache configuration

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
HeuristicCacheTimeSwitch	String	Yes	Heuristic custom time cache configuration switch, the values u200bu200bare: • on: on; • off: off.

HeuristicCacheTime	Integer	Yes	Unit: seconds.

HighlightSegmentItem

List of intelligently generated highlights.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Confidence	Float	Confidence.
StartTimeOffset	Float	Start time offset of a segment.
EndTimeOffset	Float	End time offset of a segment.

HighlightsConfigureInfo

Control parameter of an intelligent highlight generating task

Used by actions: CreateAIAnalysisTemplate, DescribeAIAnalysisTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of an intelligent highlight generating task. Valid values: • ON: enable an intelligent highlight generating task; • OFF: disable an intelligent highlight generating task.

HighlightsConfigureInfoForUpdate

Control parameter of an intelligent highlight generating task

Used by actions: ModifyAIAnalysisTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of an intelligent highlight generating task. Valid values: • ON: enable an intelligent highlight generating task; • OFF: disable an intelligent highlight generating task.

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HttpHeaderPathRule

HTTP header setting rules. Up to 100 entries can be set.

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
HeaderMode	String	Yes	http header setting method: • set: setting. Change the value of the specified header parameter to the set value; if the set header does not exist, the header will be added; if there are multiple duplicate header parameters, all will be changed and merged into one header. ; • del: delete. Delete the specified header parameter; • add: add. Add the specified header parameters. By default, repeated addition is allowed, that is, the same header is added repeatedly (note: repeated addition may affect the browser response, please use the set operation first).
HeaderName	String	Yes	HTTP header name. Up to 100 characters can be set.
HeaderValue	String	Yes	http header value, up to 1000 characters can be set; optional when Mode is del; required when Mode is add/set.
RuleType	String	Yes	Rule type: • all: valid for all files; • file: valid for specified file suffix; • directory: valid for specified path; • path: specified absolute The path takes effect.
RulePaths	Array of String	Yes	Matching content under the corresponding type of RuleType: • Fill in * when all is used; • Fill in suffix name when file is used, such as jpg, txt; • Fill in path when directory is used, such as /xxx/ test/; • Fill in the absolute path when path is specified, such as /xxx/test.html.

Https

Domain name HTTPS acceleration configuration. This is disabled by default.

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description

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Switch	String	Yes	https configuration switch, value: • on: on; • off: off.
Http2	String	No	http2 configuration switch, value: • on: on; • off: off.
CertInfo	CDNCertInfo	No	Server certificate configuration information

HwPrivateAccess

Access authentication for Huawei Cloud OBS origin

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Huawei Cloud Object Storage back-to-origin authentication configuration switch, the value is: • on: on; • off: off.
AccessKey	String	No	Access ID
SecretKey	String	No	Key
Bucket	String	No	BucketName

IPFilterPolicy

Used by actions: DescribeVodDomains.

Name	Type	Required	Description
Status	String	Yes	
FilterType	String	No	
IPList	Array of String	No	

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ImageBlur

Image blurring parameters.

Used by actions: CreateImageProcessingTemplate.

Name	Type	Required	Description
Type	String	Yes	The blur type. Valid values: • `Gaussian`
Radius	Integer	No	The radius of the blur. Value range: 1-50. This parameter is valid if `Type` is `Gaussian`.
Sigma	Integer	No	The standard deviation of the Gaussian distribution, which must be greater than 0. This parameter is valid if `Type` is `Gaussian`.

ImageCenterCut

Image cropping details.

Used by actions: CreateImageProcessingTemplate.

Name	Type	Required	Description
Type	String	Yes	The cropping type. Valid values: • Circle: Cropping to circle. `Radius` specifies the radius of the output image. • Rectangle: Cropping to rectangle. `Width` and `Height` specify the width and height of the output image.
Width	Integer	No	The width (pixels) of the output image. This parameter is valid if `Type` is `Rectangle`.
Height	Integer	No	The height (pixels) of the output image. This parameter is valid if `Type` is `Rectangle`.
Radius	Integer	No	The radius of the output image. This parameter is valid if `Type` is `Circle`.

ImageOperation

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An image operation.

Used by actions: CreateImageProcessingTemplate, DescribeImageProcessingTemplates.

Name	Type	Required	Description
Type	String	Yes	Image processing type. Optional types are: • Scale: image thumbnail processing; • CenterCut: image cropping processing; • Blur: image blur processing.
Scale	ImageScale	No	The scaling details. This parameter is valid only if `Type` is `Scale`.
CenterCut	ImageCenterCut	No	The cropping details. This parameter is valid only if `Type` is `CenterCut`.
Blur	ImageBlur	No	Image blurring. This parameter is valid only if `Type` is `Blur`.

ImageProcessingTemplate

An image processing template, which can contain at most three operations, for example, cropping, scaling, and cropping again.

Used by actions: DescribeImageProcessingTemplates.

Name	Type	Description
Definition	Integer	The template ID.
Type	String	The template type. Valid values: • Preset • Custom
Name	String	The template name.
Comment	String	The template description.
Operations	Array of ImageOperation	An array of image processing operations. The operations will be performed in the specified order. • Length limit: 3.
CreateTime	String	The template creation time in ISO date format.

ImageReviewUsageDataItem

The usage statistics for the image recognition feature.

Used by actions: DescribeImageReviewUsageData.

Name	Type	Description
Time	String	The start time (in ISO date format) of the data returned. For example, if the granularity is a day, `2018-12-01T00:00:00+08:00` indicates that the data is for the whole day of December 1, 2018.
Count	Integer	The number of times the image recognition feature is used.

ImageScale

Image scaling details.

Used by actions: CreateImageProcessingTemplate.

Name	Type	Required	Description
Type	String	Yes	The scaling type. Valid values: • `WidthFirst` : Specify the width and proportionally scale the height. • `HeightFirst` : Specify the height and proportionally scale the width. • `LongEdgeFirst` : Specify the long side (`LongEdge`) and proportionally scale the short side. • `ShortEdgeFirst` : Specify the short side (`ShortEdge`) and proportionally scale the long side. • Force: Specify both the height and width. The output image may be distorted.
Height	Integer	No	The image height (pixels). This parameter is valid only if `Type` is `HeightFirst` or `Force` .
Width	Integer	No	The image width (pixels). This parameter is valid only if `Type` is `WidthFirst` or `Force` .
LongEdge	Integer	No	The long side of the output image (pixels). This parameter is valid only if `Type` is `LongEdgeFirst` .
ShortEdge	Integer	No	The short side of the output image (pixels). This parameter is valid only if

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			`Type` is `ShortEdgeFirst`.

ImageSpriteTaskInput

Input parameter type of image sprite generating task

Used by actions: CreateProcedureTemplate, DescribeTaskDetail, ProcessMedia, PullEvents, ResetProcedureTemplate.

Name	Type	Required	Description
Definition	Integer	Yes	Image sprite generating template ID.

ImageSpriteTemplate

Details of an image sprite generating template

Used by actions: DescribeImageSpriteTemplates.

Name	Type	Description
Definition	Integer	Unique ID of an image sprite generating template.
Type	String	Template type. Valid values: • Preset: preset template; • Custom: custom template.
Name	String	Name of an image sprite generating template.
Width	Integer	Maximum value of the width (or long side) of a subimage in an image sprite in px. Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
Height	Integer	Maximum value of the height (or short side) of a subimage in an image sprite

		in px. Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
ResolutionAdaptive	String	Resolution adaption. Valid values: • open: enabled. In this case, `Width` represents the long side of a video, while `Height` the short side; • close: disabled. In this case, `Width` represents the width of a video, while `Height` the height. Default value: open.
SampleType	String	Sampling type.
SampleInterval	Integer	Sampling interval.
RowCount	Integer	Subimage row count of an image sprite.
ColumnCount	Integer	Subimage column count of an image sprite.
CreateTime	String	Creation time of template in ISO date format.
UpdateTime	String	Last modified time of template in ISO date format.
FillType	String	Fill type. "Fill" refers to the way of processing a screenshot when its aspect ratio is different from that of the source video. The following fill types are supported: • stretch: stretch. The screenshot will be stretched frame by frame to match the aspect ratio of the source video, which may make the screenshot "shorter" or "longer"; • black: fill with black. This option retains the aspect ratio of the source video for the screenshot and fills the unmatched area with black color blocks. Default value: black.
Comment	String	Template description.
Format	String	The image format.

ImageTransform

Operation such as image rotation and flipping

Used by actions: ComposeMedia.

Name	Type	Required	Description
Type	String	Yes	Type. Valid values: • Rotate: image rotation. • Flip: image flipping.
RotateAngle	Float	No	Rotation angle of image with its center point as origin. Value range: 0-360. This parameter is valid if `Type` is `Rotate`.
Flip	String	No	Image flipping action. Valid values: • Horizental: horizontal flipping, i.e., horizontally mirrored. • Vertical: vertical flipping, i.e., vertically mirrored. This is valid if `Type` is `Flip`.

ImageWatermarkInput

Input parameter of image watermarking template

Used by actions: CreateWatermarkTemplate.

Name	Type	Required	Description
ImageContent	String	Yes	The Base64 encoded string of a watermark image. Only JPEG, PNG, and GIF images are supported.
Width	String	No	Watermark width. % and px formats are supported: • If the string ends in %, the `Width` of the watermark will be the specified percentage of the video width. For example, `10%` means that `Width` is 10% of the video width; • If the string ends in px, the `Width` of the watermark will be in pixels. For example, `100px` means that `Width` is 100 pixels. Value range: [8, 4096]. Default value: 10%.
Height	String	No	Watermark height. % and px formats are supported:

			• If the string ends in %, the `Height` of the watermark will be the specified percentage of the video height; for example, `10%` means that `Height` is 10% of the video height; • If the string ends in px, the `Height` of the watermark will be in px; for example, `100px` means that `Height` is 100 px. Valid values: 0 or [8,4096]. Default value: 0 px, which means that `Height` will be proportionally scaled according to the aspect ratio of the original watermark image.
RepeatType	String	No	Repeat type of an animated watermark. Valid values: • once: no longer appears after watermark playback ends. • repeat_last_frame: stays on the last frame after watermark playback ends. • repeat (default): repeats the playback until the video ends.
Transparency	Integer	No	

ImageWatermarkInputForUpdate

Input parameter of image watermarking template

Used by actions: ModifyWatermarkTemplate.

Name	Type	Required	Description
ImageContent	String	No	String generated by Base64-encoding a watermark image. JPEG and PNG images are supported.
Width	String	No	Watermark width. % and px formats are supported: • If the string ends in %, the `Width` of the watermark will be the specified percentage of the video width. For example, `10%` means that `Width` is 10% of the video width; • If the string ends in px, the `Width` of the watermark will be in pixels. For example, `100px` means that `Width` is 100 pixels. Value range: [8, 4096].
Height	String	No	Watermark height. % and px formats are supported: • If the string ends in %, the `Height` of the watermark will be the specified percentage of the video height; for example, `10%` means that `Height` is 10% of the video height; • If the string ends in px, the `Height` of the watermark will be in px; for example, `100px` means that `Height` is 100 px. Valid

			values: 0 or [8,4096].
RepeatType	String	No	Repeat type of an animated watermark. Valid values: • once: no longer appears after watermark playback ends. • repeat_last_frame: stays on the last frame after watermark playback ends. • repeat (default): repeats the playback until the video ends.
Transparency	Integer	No	

ImageWatermarkTemplate

Image watermarking template

Used by actions: DescribeWatermarkTemplates.

Name	Type	Description
ImageUrl	String	Watermark image address.
Width	String	Watermark width. % and px formats are supported: • If the string ends in %, the `Width` of the watermark will be the specified percentage of the video width; for example, `10%` means that `Width` is 10% of the video width; • If the string ends in px, the `Width` of the watermark will be in px; for example, `100px` means that `Width` is 100 px.
Height	String	Watermark height. % and px formats are supported: • If the string ends in %, the `Height` of the watermark will be the specified percentage of the video height; for example, `10%` means that `Height` is 10% of the video height; • If the string ends in px, the `Height` of the watermark will be in px; for example, `100px` means that `Height` is 100 px; `0px` means that `Height` will be proportionally scaled according to the video width.
RepeatType	String	Repeat type of an animated watermark. Valid values: • once: no longer appears after watermark playback ends. • repeat_last_frame: stays on the last frame after watermark playback ends. • repeat (default): repeats the playback until the video ends.
Transparency	Integer	

IpFilter

IP blocklist/allowlist configuration. This is disabled by default.

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	IP black and white list configuration switch, value: • on: on; • off: off.
FilterType	String	No	IP blacklist and whitelist types: • whitelist: whitelist; • blacklist: blacklist.
Filters	Array of String	No	IP black and white list, supports: IP in the form of X.X.X.X, or network segment in the form of /8, /16, /24; Can populate up to 50 whitelists or 50 blacklists.
FilterRules	Array of IpFilterPathRule	No	IP blocklist/allowlist path-based configuration. This feature is only available to selected beta customers.

IpFilterPathRule

IP blocklist/allowlist path-based configuration

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
FilterType	String	Yes	IP blacklist and whitelist types: • whitelist: whitelist; • blacklist: blacklist.
Filters	Array of String	Yes	IP black and white list, supports: IP in the form of X.X.X.X, or network segment in the form of /8, /16, /24; Can populate up to 50 whitelists or 50 blacklists.
RuleType	String	Yes	Rule type: • all: valid for all files; • file: valid for specified file suffix; • directory: valid for specified path; • path: specified absolute The path takes effect.

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RulePaths	Array of String	Yes	Matching content under the corresponding type of RuleType: • Fill in * when all is used; • Fill in suffix name when file is used, such as jpg, txt; • Fill in path when directory is used, such as /xxx/ test/; • Fill in the absolute path when path is specified, such as /xxx/test.html.

Ipv6Access

IPv6 access configuration

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Domain name enables ipv6 access configuration switch. The value is: • on: on; • off: off.

JitterConfigureInfo

Control parameters for video jitter and ghost detection.

Used by actions: CreateQualityInspectTemplate, DescribeQualityInspectTemplates.

Name	Type	Required	Description
Switch	String	Yes	Video shake and ghost detection switch, optional values: • ON: turn on; • OFF: turn off.

JitterConfigureInfoForUpdate

Control parameters for video jitter and ghost detection.

Used by actions: ModifyQualityInspectTemplate.

Name	Type	Required	Description
Switch	String	No	Video shake and ghost detection switch, optional values: • ON: turn on; • OFF: turn off.

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JustInTimeTranscodeTemplate

Just In Time transcoding template details.

Used by actions: DescribeJustInTimeTranscodeTemplates.

Name	Type	Description
Type	String	Template type.
Name	String	Template name.
Comment	String	Template description.
VideoConfigure	VideoConfigureInfo	Video parameter configuration. Note: This field may return null, indicating that no valid value can be obtained.
WatermarkConfigure	WatermarkConfigureData	Watermark parameter configuration. Note: This field may return null, indicating that no valid value can be obtained.

LicenseUsageDataItem

The license request statistics.

Used by actions: DescribeLicenseUsageData.

Name	Type	Description
Time	String	The start time (in ISO date format) of the data returned. For example, if the granularity is a day, `2018-12-01T00:00:00+08:00` indicates that the data is for the whole day of December 1, 2018.
Count	Integer	The number of license requests.

LiveRealTimeClipMediaSegmentInfo

The information of the segment clipped.

Used by actions: LiveRealTimeClip.

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Name	Type	Description
StartTime	String	Start time of the cliped segment, in ISO date format
EndTime	String	End time of the cliped segment, in ISO date format

LiveRealTimeClipStreamInfo

The information of the live stream to clip.

Used by actions: LiveRealTimeClip.

Name	Type	Required	Description
Type	String	No	The type of live stream to clip. Valid values: • Original (**default**) • Transcoding
TemplateId	Integer	No	The transcoding template ID. **This is required if `Type` is `Transcoding`.**

LiveRecordInfo

Live recording information

Used by actions: DescribeMediaInfos, DescribeTaskDetail, PullEvents, SearchMedia.

Name	Type	Description
StreamId	String	Live recording stream ID.
RecordStartTime	String	Recording start time, use ISO date format.
RecordEndTime	String	Recording end time, using ISO date format.

LowLightEnhanceInfo

Low-light enhancement configuration.

Used by actions: CreateEnhanceMediaTemplate, CreateRebuildMediaTemplate, DescribeTaskDetail, ModifyEnhanceMediaTemplate, ModifyRebuildMediaTemplate, PullEvents, RebuildMedia.

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Name	Type	Required	Description
Switch	String	Yes	Whether to enable low-light enhancement. Valid values: • `ON` • `OFF`
Type	String	No	The low-light enhancement type. This parameter is valid only if `Switch` is `ON`. • `normal` Default value: `normal`.

MaxAge

Browser cache rule configuration, which is used to set the default value of MaxAge and is disabled by default.

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
MaxAgeRules	Array of MaxAgeRule	No	MaxAge rule

MaxAgeRule

MaxAge rules configuration

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
MaxAgeType	String	Yes	Rule type: • all: valid for all files; • file: valid for specified file suffix; • directory: valid for specified path; • path: specified absolute The path takes effect.
MaxAgeContents	Array of String	Yes	Matching content under the corresponding type of MaxAgeType: • Fill in * when all is used; • Fill in suffix name when file is used, such as jpg, txt; • Fill in path when directory is used, such as /xxx/ test/; • Fill in the absolute path when path is specified, such as /xxx/test.html.

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			Note: all rules cannot be deleted. They follow the origin site by default and can be modified.
MaxAgeTime	Integer	Yes	MaxAge time setting, unit second; **Note: The time is 0, which means no caching.**
FollowOrigin	String	No	Whether to follow the origin server. Valid values: on and off. If it's on, MaxAgeTime is ignored.

MediaAdaptiveDynamicStreamingInfo

Adaptive bitrate streaming information

Used by actions: DescribeMediaInfos, SearchMedia.

Name	Type	Description
AdaptiveDynamicStreamingSet	Array of AdaptiveDynamicStreamingInfoItem	Information array of adaptive bitrate streaming. Note: this field may return null, indicating that no valid values can be obtained.

MediaAiAnalysisClassificationItem

Intelligent categorization result

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Classification	String	Name of intelligently generated category.
Confidence	Float	Confidence of intelligently generated category between 0 and 100.

MediaAiAnalysisCoverItem

Information of intelligently generated cover

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
CoverUrl	String	Address of intelligently generated cover.
Confidence	Float	Confidence of intelligently generated cover between 0 and 100.

MediaAiAnalysisFrameTagItem

Result information of intelligent frame-specific tagging

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Tag	String	Frame-specific tag name.
CategorySet	Array of String	Category list of frame-specific tag names. `CategorySet.N` indicates the N+1-level category. For example, if the `Tag` is "tower", and `CategorySet` contains two elements (`CategorySet.0` is "scene", and `CategorySet.1` is "architecture"), then the frame-specific tag is "tower", the first-level category is "scene", and the second-level category is "architecture".
Confidence	Float	Confidence of intelligently generated frame-specific tag between 0 and 100.

MediaAiAnalysisFrameTagSegmentItem

List of frame-specific tag segments

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
StartTimeOffset	Float	Start time offset of frame-specific tag.
EndTimeOffset	Float	End time offset of frame-specific tag.
TagSet	Array of MediaAiAnalysisFrameTagItem	List of tags in time period.

MediaAiAnalysisHighlightItem

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Information of an intelligently generated highlight

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
HighlightUrl	String	Address of an intelligently generated highlight.
CovImgUrl	String	Address of an intelligently generated highlight cover.
Confidence	Float	Confidence of an intelligently generated highlight between 0 and 100.
Duration	Float	Duration of an intelligently generated highlight.
SegmentSet	Array of HighlightSegmentItem	List of intelligently generated highlight subsegments, which together form a highlight.

MediaAiAnalysisTagItem

Result information of intelligent tagging

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Tag	String	Tag name.
Confidence	Float	Confidence of tag between 0 and 100.

MediaAnimatedGraphicsInfo

Result information of animated image generating in VOD file

Used by actions: DescribeMediaInfos, SearchMedia.

Name	Type	Description
AnimatedGraphicsSet	Array of MediaAnimatedGraphicsItem	Result information of animated image generating task Note: this field may return null, indicating that no valid values can be obtained.

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MediaAnimatedGraphicsItem

Result information of animated image generating task

Used by actions: DescribeMediaInfos, DescribeTaskDetail, PullEvents, SearchMedia.

Name	Type	Description
Url	String	Address of generated animated image. Note: this field may return null, indicating that no valid values can be obtained.
Definition	Integer	Animated image generating template ID. For more information, please see Animated Image Generating Parameter Template. Note: this field may return null, indicating that no valid values can be obtained.
Container	String	Animated image format, such as gif. Note: this field may return null, indicating that no valid values can be obtained.
Height	Integer	Height of animated image in px. Note: this field may return null, indicating that no valid values can be obtained.
Width	Integer	Width of animated image in px. Note: this field may return null, indicating that no valid values can be obtained.
Bitrate	Integer	Bitrate of animated image in bps. Note: this field may return null, indicating that no valid values can be obtained.
Size	Integer	Size of animated image in bytes. Note: this field may return null, indicating that no valid values can be obtained.
Md5	String	MD5 value of an animated image. Note: this field may return null, indicating that no valid values can be obtained.
StartTimeOffset	Float	Start time offset of animated image in video in seconds. Note: this field may return null, indicating that no valid values can be obtained.
EndTimeOffset	Float	End time offset of animated image in video in seconds. Note: this field may return null, indicating that no valid values can be obtained.

MediaAudioStreamItem

Information of audio stream in VOD file

Used by actions: DescribeMediaInfos, LiveRealTimeClip, SearchMedia, SimpleHlsClip.

Name	Type	Description
Bitrate	Integer	Bitrate of audio stream in bps. Note: this field may return null, indicating that no valid values can be obtained.
SamplingRate	Integer	Sample rate of audio stream in Hz. Note: this field may return null, indicating that no valid values can be obtained.
Codec	String	Audio stream encoder, such as aac. Note: this field may return null, indicating that no valid values can be obtained.

MediaBasicInfo

Basic information of VOD media file

Used by actions: DescribeMediaInfos, DescribeTaskDetail, PullEvents, SearchMedia.

Name	Type	Description
Name	String	Media filename. Note: this field may return null, indicating that no valid values can be obtained.
Description	String	Media file description. Note: this field may return null, indicating that no valid values can be obtained.
CreateTime	String	Creation time of media file in ISO date format. Note: this field may return null, indicating that no valid values can be obtained.
UpdateTime	String	Last update time of media file (by an operation that triggers updating of media file information such as modifying video attributes or initiating video processing) in ISO date format. Note: this field may return null, indicating that no valid values can be obtained.
ExpireTime	String	Expiration time of media file in ISO date format. After the expiration, the media file and its related resources (such as transcoding results and image sprites) will be permanently deleted. `9999-12-31T23:59:59Z` means "never expire". Note: this field may return null, indicating that no valid values can be obtained.
ClassId	Integer	Category ID of media file.

		Note: this field may return null, indicating that no valid values can be obtained.
ClassName	String	Category name of media file. Note: this field may return null, indicating that no valid values can be obtained.
ClassPath	String	Category path to media file separated by "-", such as "new first-level category - new second-level category". Note: this field may return null, indicating that no valid values can be obtained.
CoverUrl	String	Cover image address of media file. Note: this field may return null, indicating that no valid values can be obtained.
Type	String	Media file container, such as mp4 and flv. Note: this field may return null, indicating that no valid values can be obtained.
MediaUrl	String	URL of source media file. Note: this field may return null, indicating that no valid values can be obtained.
SourceInfo	MediaSourceData	Source information of media file. Note: this field may return null, indicating that no valid values can be obtained.
StorageRegion	String	Regions where media files are stored, such as `ap-chongqing`. For more regions, see Storage Region.
TagSet	Array of String	Tag information of media file. Note: this field may return null, indicating that no valid values can be obtained.
Vid	String	Unique ID of an LVB recording file.
Category	String	File type: • Video: video file • Audio: audio file • Image: image file
Status	String	File status: Normal: normal, Forbidden: banned.
StorageClass	String	Storage class of a media file: • STANDARD • STANDARD_IA • ARCHIVE

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		• DEEP_ARCHIVE

MediaCastEvent

Used by actions: PullEvents.

Name	Type	Required	Description
CastId	String	No	
Status	String	No	

MediaClassInfo

Category information description

Used by actions: DescribeAllClass.

Name	Type	Description
ClassId	Integer	The category ID.
ParentId	Integer	Parent category ID, which is -1 for a first-level category.
Name	String	The category name.
Level	Integer	Category level. 0 for first-level category, up to 3, i.e., up to 4 levels of categories are allowed.
SubClassIdSet	Array of Integer	The IDs of the immediate subcategories of the current category.
ClassName	String	The category name. This parameter is not recommended. Please use `Name` instead.

MediaContentReviewAsrTextSegmentItem

Video segment containing ASR-detected suspicious content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
StartTimeOffset	Float	Start time offset of suspected segment in seconds. Note: this field may return null, indicating that no valid values can be obtained.
EndTimeOffset	Float	End time offset of suspected segment in seconds. Note: this field may return null, indicating that no valid values can be obtained.
Confidence	Float	Confidence of suspected segment. Note: this field may return null, indicating that no valid values can be obtained.
Suggestion	String	Processing suggestion for the detected suspicious content. Valid values: • pass • review • block
KeywordSet	Array of String	List of suspected keywords. Note: this field may return null, indicating that no valid values can be obtained.

MediaContentReviewOcrTextSegmentItem

Video segment containing OCR-detected suspicious content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
StartTimeOffset	Float	Start time offset of suspected segment in seconds. Note: this field may return null, indicating that no valid values can be obtained.
EndTimeOffset	Float	End time offset of suspected segment in seconds. Note: this field may return null, indicating that no valid values can be obtained.
Confidence	Float	Confidence of suspected segment. Note: this field may return null, indicating that no valid values can be obtained.
Suggestion	String	Processing suggestion for the detected suspicious content. Valid values: • pass • review • block
KeywordSet	Array of	List of suspected keywords.

	String	Note: this field may return null, indicating that no valid values can be obtained.
AreaCoordSet	Array of Integer	Zone coordinates (at the pixel level) of suspected text: [x1, y1, x2, y2], i.e., the coordinates of the top-left and bottom-right corners. Note: this field may return null, indicating that no valid values can be obtained.
Url	String	URL of a suspected image (which will not be permanently stored and will be deleted after `PicUrlExpireTime`).
PicUrlExpireTime	String	Expiration time of suspected image URL in ISO date format.

MediaContentReviewPoliticalSegmentItem

Video segment containing detected politically sensitive content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
StartTimeOffset	Float	Start time offset of a suspected segment in seconds.
EndTimeOffset	Float	End time offset of a suspected segment in seconds.
Confidence	Float	Confidence score for the detected politically sensitive content
Suggestion	String	Processing suggestion for the detected politically sensitive content. Valid values: • pass • review • block
Name	String	Name of the politically sensitive content or banned images
Label	String	Labels for the detected politically sensitive content. The relationship between the values of this parameter and those of the `LabelSet` parameter in PoliticalImgReviewTemplateInfo is as follows: violation_photo: • `violation_photo`: banned images politician: • `nation_politician`: state leader of China • `province_politician`: provincial officials • `bureau_politician`: bureau-level officials • `county_politician`: county-level officials • `rural_politician`: township-level officials

		• `sensitive_politician` : politically sensitive people • `foreign_politician` : state leaders of other countries entertainment: • `sensitive_entertainment` : banned people in the entertainment industry sport: • `sensitive_sport` : banned sports celebrities entrepreneur: • `sensitive_entrepreneur` : banned businesspeople scholar: • sensitive_scholar: banned scholars celebrity: • sensitive_celebrity: banned celebrities • historical_celebrity: banned historical figures military: • sensitive_military: banned people in military
Url	String	URL of a suspected image (which will not be permanently stored and will be deleted after `PicUrlExpireTime`).
AreaCoordSet	Array of Integer	Coordinates (pixel) of the detected politically sensitive content or banned icons. The format is [x1, y1, x2, y2], which indicates the coordinates of the top-left and bottom-right corners.
PicUrlExpireTimeStamp	Integer	This field has been disused. Please use `PicUrlExpireTime` .
PicUrlExpireTime	String	Expiration time of suspected image URL in ISO date format.

MediaContentReviewSegmentItem

Video segment containing detected pornographic or terrorism content

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
StartTimeOffset	Float	Start time offset of a suspected segment in seconds.

EndTimeOffset	Float	End time offset of a suspected segment in seconds.
Confidence	Float	Confidence score for the detected pornographic content
Label	String	Label for the detected pornographic content
Suggestion	String	Processing suggestion for the detected pornographic content. Valid values: • pass • review • block
Url	String	URL of a suspected image (which will not be permanently stored and will be deleted after `PicUrlExpireTime`).
PicUrlExpireTimeStamp	Integer	This field has been disused. Please use `PicUrlExpireTime`.
PicUrlExpireTime	String	Expiration time of suspected image URL in ISO date format.

MediaDeleteItem

Specify video content for deletion

Used by actions: DeleteMedia, PullEvents.

Name	Type	Required	Description
Type	String	Yes	The specified portion to be deleted. The parameter is invalid if this field is not filled in. Optional values u200bare: • OriginalFiles (Delete the original file. After deletion, video processing operations such as transcoding cannot be initiated); • TranscodeFiles (delete transcoded files); • AdaptiveDynamicStreamingFiles (Delete the adaptive bitrate streaming files); Notice: • When the value is OriginalFiles, the cover file carried when uploading the file will be deleted; • When the value is TranscodeFiles, cover files generated by media processing will be deleted.
Definition	Integer	No	ID of the template for which to delete the videos of the type specified by the `Type` parameter. For the template definition, please see Transcoding Template.

			Default value: 0, which indicates to delete all videos of the type specified by the `Type` parameter.

MediaImageSpriteInfo

Image sprite information of VOD file

Used by actions: DescribeMediaInfos, SearchMedia.

Name	Type	Description
ImageSpriteSet	Array of MediaImageSpriteItem	Information set of image sprites with specified specifications. Each element represents a set of image sprites with the same specification. Note: this field may return null, indicating that no valid values can be obtained.

MediaImageSpriteItem

Image sprite information

Used by actions: DescribeMediaInfos, DescribeTaskDetail, PullEvents, SearchMedia.

Name	Type	Description
Definition	Integer	Image sprite specification. For more information, please see Image Sprite Parameter Template. Note: this field may return null, indicating that no valid values can be obtained.
Height	Integer	Subimage height of image sprite. Note: this field may return null, indicating that no valid values can be obtained.
Width	Integer	Subimage width of image sprite. Note: this field may return null, indicating that no valid values can be obtained.
TotalCount	Integer	Total number of subimages in each image sprite. Note: this field may return null, indicating that no valid values can be obtained.
ImageUrlSet	Array of String	Address of each image sprite. Note: this field may return null, indicating that no valid values can be obtained.
WebVttUrl	String	Address of WebVtt file for the position-time relationship among subimages in an

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		image sprite. The WebVtt file indicates the corresponding time points of each subimage and their coordinates in the image sprite, which is typically used by the player for implementing preview. Note: this field may return null, indicating that no valid values can be obtained.

MediaInfo

VOD file information

Used by actions: DescribeMediaInfos, SearchMedia.

Name	Type	Description
BasicInfo	MediaBasicInfo	Basic information, such as video name, category, playback address, and cover image. Note: this field may return null, indicating that no valid values can be obtained.
MetaData	MediaMetaData	Metadata, such as size, duration, video stream information, and audio stream information. Note: this field may return null, indicating that no valid values can be obtained.
TranscodeInfo	MediaTranscodeInfo	Result information of transcoding, such as address, specification, bitrate, and resolution of the videos in various bitrates generated by transcoding a video. Note: this field may return null, indicating that no valid values can be obtained.
AnimatedGraphicsInfo	MediaAnimatedGraphicsInfo	Result information of animated image generating, i.e., relevant information of an animated image (such as .gif) generated from a video. Note: this field may return null, indicating that no valid values can be obtained.

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SampleSnapshotInfo	MediaSampleSnapshotInfo	Sampled screenshot information, i.e., relevant information of a sampled screenshot generated from a video. Note: this field may return null, indicating that no valid values can be obtained.
ImageSpriteInfo	MediaImageSpriteInfo	Image sprite information, i.e., relevant information of image sprite generated from video. Note: this field may return null, indicating that no valid values can be obtained.
SnapshotByTimeOffsetInfo	MediaSnapshotByTimeOffsetInfo	Time point screenshot information, i.e., information of each time point screenshot generated from a video. Note: this field may return null, indicating that no valid values can be obtained.
KeyFrameDescInfo	MediaKeyFrameDescInfo	Timestamp information, i.e., information of each timestamp set for a video. Note: this field may return null, indicating that no valid values can be obtained.
AdaptiveDynamicStreamingInfo	MediaAdaptiveDynamicStreamingInfo	Adaptive bitrate streaming information, such as specification, encryption type, and container format. Note: this field may return null, indicating that no valid values can be obtained.
MiniProgramReviewInfo	MediaMiniProgramReviewInfo	WeChat Mini Program audit information. Note: this field may return null, indicating that no valid values can be obtained.
SubtitleInfo	MediaSubtitleInfo	Subtitle information Note: this field may return

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		`null` , indicating that no valid value is obtained.
FileId	String	Unique ID of media file.
ReviewInfo	FileReviewInfo	Moderation details. Note: This field may return null, indicating that no valid values can be obtained.

MediaInputInfo

Information, name, and customer ID of the source video to be processed

Used by actions: ProcessMediaByUrl.

Name	Type	Required	Description
Url	String	Yes	Video URL.
Name	String	No	Video name.
Id	String	No	Custom video ID.

MediaKeyFrameDescInfo

Video timestamp information

Used by actions: DescribeMediaInfos, SearchMedia.

Name	Type	Description
KeyFrameDescSet	Array of MediaKeyFrameDescItem	Information array of video timestamps. Note: this field may return null, indicating that no valid values can be obtained.

MediaKeyFrameDescItem

Video timestamp information

Used by actions: DescribeMediaInfos, ModifyMediaInfo, SearchMedia.

Name	Type	Required	Description
TimeOffset	Float	Yes	Offset time of video timestamp in seconds.
Content	String	Yes	Content string of timestamp containing 1-128 characters.

MediaMetaData

VOD media file metadata

Used by actions: DescribeMediaInfos, DescribeTaskDetail, LiveRealTimeClip, PullEvents, SearchMedia, SimpleHlsClip.

Name	Type	Description
Size	Integer	Size of uploaded media file in bytes (which is the sum of size of m3u8 and ts files if the video is in HLS format). Note: this field may return null, indicating that no valid values can be obtained.
Container	String	Container, such as m4a and mp4. Note: this field may return null, indicating that no valid values can be obtained.
Bitrate	Integer	Sum of the average bitrate of a video stream and that of an audio stream in bps. Note: this field may return null, indicating that no valid values can be obtained.
Height	Integer	Maximum value of the height of a video stream in px. Note: this field may return null, indicating that no valid values can be obtained.
Width	Integer	Maximum value of the width of a video stream in px. Note: this field may return null, indicating that no valid values can be obtained.
Duration	Float	Video duration in seconds. Note: this field may return null, indicating that no valid values can be obtained.
Rotate	Integer	Selected angle during video recording in degrees. Note: this field may return null, indicating that no valid values can be obtained.

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VideoStreamSet	Array of MediaVideoStreamItem	Video stream information. Note: this field may return null, indicating that no valid values can be obtained.
AudioStreamSet	Array of MediaAudioStreamItem	Audio stream information. Note: this field may return null, indicating that no valid values can be obtained.
VideoDuration	Float	Video duration in seconds. Note: this field may return null, indicating that no valid values can be obtained.
AudioDuration	Float	Audio duration in seconds. Note: this field may return null, indicating that no valid values can be obtained.
Md5	String	The MD5 hash of the file. • Note: To get the MD5 hash of a file, call the `DescribeFileAttributes` API. The information will be returned after the task is completed.

MediaMiniProgramReviewElem

Used by actions: DescribeMediaInfos, SearchMedia.

Name	Type	Description
Type	String	Audit type. • Porn: porn image, • Porn.Ocr: porn text, • Porn.Asr: porn speech, • Terrorism: terrorism image, • Political: politically sensitive image, • Political.Ocr: politically sensitive text • Political.Asr: politically sensitive speech
Suggestion	String	Audit suggestion. • pass: normal, • block: violating, • review: suspected of violation.
Confidence	Float	Confidence of audit result between 0 and 100.

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MediaMiniProgramReviewInfo

Used by actions: DescribeMediaInfos, SearchMedia.

Name	Type	Description
MiniProgramReviewList	Array of MediaMiniProgramReviewInfoItem	Audit information list.

MediaMiniProgramReviewInfoItem

Used by actions: DescribeMediaInfos, SearchMedia.

Name	Type	Description
Definition	Integer	Template ID, which is the ID of the transcoding template corresponding to the video published on WeChat Mini Program. 0 represents the source video.
MetaData	MediaMetaData	Video metadata.
Url	String	Video playback address for WeChat Mini Program audit Note: this field may return null, indicating that no valid values can be obtained.
ReviewResult	String	Status of video release on WeChat Mini Program • Pass: succeeded. • Rejected: rejected.
ReviewSummary	Array of MediaMiniProgramReviewElem	WeChat Mini Program audit element. Note: this field may return null, indicating that no valid values can be obtained.

MediaOutputInfo

Information parameter of file output by video processing

Used by actions: ProcessMediaByUrl.

Name	Type	Required	Description
Region	String	No	Region of the bucket where an output file is stored, such as ap-guangzhou.

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Bucket	String	No	Bucket of output file.
Dir	String	No	Path to output file, which must end in "/".

MediaProcessTaskAdaptiveDynamicStreamingResult

Result type of adaptive bitrate streaming task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt` .
Message	String	Error message.
Progress	Integer	The progress of the adaptive bitrate task. Value range: 0-100.
Input	AdaptiveDynamicStreamingTaskInput	Input of adaptive bitrate streaming task.
Output	AdaptiveDynamicStreamingInfoItem	Output of adaptive bitrate streaming task.
BeginProcessTime	String	The time when the conversion to adaptive code stream task starts, using ISO date format.
FinishTime	String	The time when the adaptive code stream conversion task is completed, using ISO date format.

MediaProcessTaskAnimatedGraphicResult

Result type of animated image generating task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt` .
Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
Input	AnimatedGraphicTaskInput	Input of animated image generating task.
Output	MediaAnimatedGraphicsItem	Output of animated image generating task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	The progress of an animated image generation task. Value range: 0-100.
BeginProcessTime	String	The time when the rotation graph task started to execute, using ISO date format.
FinishTime	String	The time when the rotation graph task is completed, using ISO date format.

MediaProcessTaskCoverBySnapshotResult

Result type of cover generating task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS,

		FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
Input	CoverBySnapshotTaskInput	Input of cover generating task.
Output	CoverBySnapshotTaskOutput	Output of cover generating task.
Progress	Integer	The progress of a video screenshot (thumbnail) task. Value range: 0-100.
BeginProcessTime	String	The time when the screenshot making cover task started, using ISO date format.
FinishTime	String	Screenshot the time when the cover task was completed, using ISO date format.

MediaProcessTaskImageSpriteResult

Result type of image sprite generating task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.

Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
Input	ImageSpriteTaskInput	Input of image sprite generating task.
Output	MediaImageSpriteItem	Output of image sprite generating task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	The progress of an image sprite generation task. Value range: 0-100.
BeginProcessTime	String	The time when the sprite cut task started to be executed, using ISO date format.
FinishTime	String	The time when the sprite cut task is completed, using ISO date format.

MediaProcessTaskInput

Video processing task type

Used by actions: CreateProcedureTemplate, DescribeProcedureTemplates, ProcessMedia, ResetProcedureTemplate.

Name	Type	Required	Description
TranscodeTaskSet	Array of TranscodeTaskInput	No	List of transcoding tasks. Note: this field may return null, indicating that no valid values can be obtained.
AnimatedGraphicTaskSet	Array of AnimatedGraphicTaskInput	No	List of animated image generating tasks. Note: this field may return null, indicating that

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			no valid values can be obtained.
SnapshotByTimeOffsetTaskSet	Array of SnapshotByTimeOffsetTaskInput	No	List of time point screencapturing tasks. Note: this field may return null, indicating that no valid values can be obtained.
SampleSnapshotTaskSet	Array of SampleSnapshotTaskInput	No	List of sampled screencapturing tasks. Note: this field may return null, indicating that no valid values can be obtained.
ImageSpriteTaskSet	Array of ImageSpriteTaskInput	No	List of image sprite generating tasks. Note: this field may return null, indicating that no valid values can be obtained.
CoverBySnapshotTaskSet	Array of CoverBySnapshotTaskInput	No	List of cover generating tasks. Note: this field may return null, indicating that no valid values can be obtained.

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AdaptiveDynamicStreamingTaskSet	Array of AdaptiveDynamicStreamingTaskInput	No	List of adaptive bitrate streaming tasks. Note: this field may return null, indicating that no valid values can be obtained.

MediaProcessTaskResult

Query result type of task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Type	String	Task type. Valid val • Transcode: trans • AnimatedGraphi image generating • SnapshotByTim point screencapturi • SampleSnapsho screencapturing • ImageSprites: im generating • CoverBySnapsh Screencapturing fo • AdaptiveDynami adaptive bitrate stre
TranscodeTask	MediaProcessTaskTranscodeResult	Query result of trans which is valid when `Transcode`. Note: this field may indicating that no va obtained.
AnimatedGraphicTask	MediaProcessTaskAnimatedGraphicResult	Query result of anim generating task, wh task type is

		`AnimatedGraph` Note: this field may indicating that no va obtained.
SnapshotByTimeOffsetTask	MediaProcessTaskSnapshotByTimeOffsetResult	Query result of time screencapturing tas when task type is `SnapshotByTim` Note: this field may indicating that no va obtained.
SampleSnapshotTask	MediaProcessTaskSampleSnapshotResult	Query result of sam screencapturing tas when task type is `SampleSnapsho` Note: this field may indicating that no va obtained.
ImageSpriteTask	MediaProcessTaskImageSpriteResult	Query result of imag generating task, wh task type is `Image` Note: this field may indicating that no va obtained.
CoverBySnapshotTask	MediaProcessTaskCoverBySnapshotResult	Query result of cove task, which is valid `CoverBySnapsh` Note: this field may indicating that no va obtained.
AdaptiveDynamicStreamingTask	MediaProcessTaskAdaptiveDynamicStreamingResult	Query result of adap streaming, which is is `AdaptiveDynam` Note: this field may indicating that no va obtained.

MediaProcessTaskSampleSnapshotResult

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Result type of sampled screencapturing task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt` .
Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
Input	SampleSnapshotTaskInput	Input of sampled screencapturing task.
Output	MediaSampleSnapshotItem	Output of sampled screencapturing task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	The progress of a sampled screenshot task. Value range: 0-100.
BeginProcessTime	String	The time when the sampling screenshot task starts execution is in ISO date format.
FinishTime	String	The time when the sampling screenshot task is completed uses ISO date format.

MediaProcessTaskSnapshotByTimeOffsetResult

Result type of time point screencapturing task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING,

		SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
Input	SnapshotByTimeOffsetTaskInput	Input of time point screencapturing task.
Output	MediaSnapshotByTimeOffsetItem	Output of time point screencapturing task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	The progress of a time point screenshot task. Value range: 0-100.
BeginProcessTime	String	The time when the point-in-time screenshot task started to be executed, using ISO date format.
FinishTime	String	The time when the point-in-time screenshot task is completed, using ISO date format.

MediaProcessTaskTranscodeResult

Result type of transcoding task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter,

		but to use the new parameter `ErrCodeExt` .
Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
Input	TranscodeTaskInput	Input of transcoding task.
Output	MediaTranscodeItem	Output of transcoding task. Note: this field may return null, indicating that no valid values can be obtained.
Progress	Integer	Transcoding progress. Value range: 0-100.
BeginProcessTime	String	Transcoding task start time in ISO date format
FinishTime	String	Transcoding task end time in ISO date format

MediaSampleSnapshotInfo

Information of sampled screenshot of VOD file

Used by actions: DescribeMediaInfos, SearchMedia.

Name	Type	Description
SampleSnapshotSet	Array of MediaSampleSnapshotItem	Information set of sampled screenshots with the specified specifications. Each element represents a set of sampled screenshots with the same specification. Note: this field may return null, indicating that no valid values can be obtained.

MediaSampleSnapshotItem

Sampled screenshot information

Used by actions: DescribeMediaInfos, DescribeTaskDetail, PullEvents, SearchMedia.

Name	Type	Description
Definition	Integer	Sampled screenshot specification ID. For more information, please see Sampled Screencapturing Parameter Template.

		Note: this field may return null, indicating that no valid values can be obtained.
SampleType	String	Sample type. Valid values: • Percent: samples at a specified percentage interval. • Time: samples at a specified time interval. Note: this field may return null, indicating that no valid values can be obtained.
Interval	Integer	Sampling interval • If `SampleType` is `Percent`, this value means taking a screenshot at an interval of the specified percentage. • If `SampleType` is `Time`, this value means taking a screenshot at an interval of the specified time (in seconds). The first screenshot is always the first video frame. Note: this field may return null, indicating that no valid values can be obtained.
ImageUrlSet	Array of String	List of URLs of generated screenshots. Note: this field may return null, indicating that no valid values can be obtained.
WaterMarkDefinition	Array of Integer	List of watermarking template IDs if the screenshots are watermarked. Note: this field may return null, indicating that no valid values can be obtained.

MediaSnapshotByTimeOffsetInfo

Information of time point screenshot in VOD file

Used by actions: DescribeMediaInfos, SearchMedia.

Name	Type	Description
SnapshotByTimeOffsetSet	Array of MediaSnapshotByTimeOffsetItem	Information set of time point screenshots with a specified specification. Currently, there can be only one set of screenshots for each specification. Note: this field may return null, indicating that no valid values can be obtained.

MediaSnapshotByTimeOffsetItem

Information of time point screenshot in VOD file

Used by actions: DescribeMediaInfos, DescribeTaskDetail, PullEvents, SearchMedia.

Name	Type	Description
Definition	Integer	Specification of a time point screenshot. For more information, please see Parameter Template for Time Point Screencapturing. Note: this field may return null, indicating that no valid values can be obtained.
PicInfoSet	Array of MediaSnapshotByTimePicInfoItem	Information set of screenshots of the same specification. Each element represents a screenshot. Note: this field may return null, indicating that no valid values can be obtained.

MediaSnapshotByTimePicInfoItem

Time point screenshot information

Used by actions: DescribeMediaInfos, SearchMedia.

Name	Type	Description
TimeOffset	Float	Time offset corresponding to the screenshot in the video in milliseconds. Note: this field may return null, indicating that no valid values can be obtained.
Url	String	Screenshot URL. Note: this field may return null, indicating that no valid values can be obtained.
WaterMarkDefinition	Array of Integer	List of watermarking template IDs if the screenshots are watermarked. Note: this field may return null, indicating that no valid values can be obtained.

MediaSourceData

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Source file information.

Used by actions: DescribeMediaInfos, DescribeTaskDetail, PullEvents, SearchMedia.

Name	Type	Description
SourceType	String	Media files source category: • Record: From recording. Such as live streaming recording, live time shift recording, etc. • Upload: From upload. Such as pull upload, upload from server, client UGC upload, etc. • VideoProcessing: From video processing. Such as video splicing, video editing, etc. • TrtcRecord: From TRTC accompanying recording. • WebPageRecord: From panoramic recording. • Unknown: Unknown source.
SourceContext	String	User-transparent transmission field when creating a file.
LiveRecordInfo	LiveRecordInfo	Live streaming recording information, valid when the file source is Record.
TrtcRecordInfo	TrtcRecordInfo	TRTC recording information, valid when the file source is TrtcRecord.
WebPageRecordInfo	WebPageRecordInfo	Panoramic recording information, valid when the file source is WebPageRecord.

MediaSubStreamInfoItem

The stream information of adaptive bitrate streaming.

Used by actions: DescribeMediaInfos, SearchMedia.

Name	Type	Description
Type	String	The stream type. Valid values: • `audio` : Audio only • `video` : Video (may include audio)
Width	Integer	The video width (px) if `Type` is `video` .
Height	Integer	The video height (px) if `Type` is `video` .
Size	Integer	The file size (bytes).

		Note:For adaptive bitrate streaming files generated before 2023-02-09T16:00:00Z, the value of this parameter is `0` .

MediaSubtitleInfo

Subtitle information

Used by actions: DescribeMediaInfos, SearchMedia.

Name	Type	Description
SubtitleSet	Array of MediaSubtitleItem	Subtitle information list

MediaSubtitleInput

Input parameters of subtile information

Used by actions: ModifyMediaInfo.

Name	Type	Required	Description
Name	String	Yes	Subtitle name. Length limit: 64 characters
Language	String	Yes	Subtitle language. Common values: • `zh` : Chinese • `en` : English • `ja` : Japanese • `ko` : Korean • `vi` : Vietnamese • `ms` : Malay • `th` : Thai • `pt` : Portuguese • `tr` : Turkish • `ar` : Arabic • `es` : Spanish • `hi` : Hindi • `fr` : French For other valid values, see RFC 5646.
Format	String	Yes	Subtitle format. Valid value: • vtt

Content	String	Yes	Subtitle content, which is Base64-encoded strings
Id	String	No	The subtitle ID. It can be up to 16 characters long, can contain letters, numbers, underscores (_), and hyphens (-), and cannot be identical to an existing subtitle ID.

MediaSubtitleItem

Subtitle information

Used by actions: DescribeMediaInfos, ModifyMediaInfo, SearchMedia.

Name	Type	Description
Id	String	Unique subtitle ID
Name	String	Subtitle name
Language	String	Subtitle language. Common values: • `zh` : Chinese • `en` : English • `ja` : Japanese • `ko` : Korean • `vi` : Vietnamese • `ms` : Malay • `th` : Thai • `pt` : Portuguese • `tr` : Turkish • `ar` : Arabic • `es` : Spanish • `hi` : Hindi • `fr` : French For other valid values, see RFC 5646.
Format	String	Subtitle format. Valid value: • vtt
Url	String	Subtitle URL
Source	String	Subtitle source, values: • UserUploaded: user uploaded; • AIRecognition: AI recognition, generated through asr full text recognition or voice translation.

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MediaTrack

Track information

Used by actions: ComposeMedia, DescribeTaskDetail, PullEvents.

Name	Type	Required	Description
Type	String	Yes	Track type. Valid values: • Video: video track, which is composed of the following items: ◦ VideoTrackItem ◦ MediaTransitionItem ◦ EmptyTrackItem • Audio: audio track, which is composed of the following items: ◦ AudioTrackItem ◦ MediaTransitionItem ◦ EmptyTrackItem • Sticker: sticker track, which is composed of the following items: ◦ StickerTrackItem ◦ EmptyTrackItem
TrackItems	Array of MediaTrackItem	Yes	List of media segments on track. Note: this field may return null, indicating that no valid values can be obtained.

MediaTrackItem

Segment information of media track

Used by actions: ComposeMedia.

Name	Type	Required	Description
Type	String	Yes	Segment type. Valid values: • Video: video segment. • Audio: audio segment. • Sticker: sticker segment. • Transition: transition.

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			• Empty: empty segment.
VideoItem	VideoTrackItem	No	Video segment, which is valid if `Type` is `Video`. Note: this field may return null, indicating that no valid values can be obtained.
AudioItem	AudioTrackItem	No	Audio segment, which is valid if `Type` is `Audio`. Note: this field may return null, indicating that no valid values can be obtained.
StickerItem	StickerTrackItem	No	Sticker segment, which is valid if `Type` is `Sticker`. Note: this field may return null, indicating that no valid values can be obtained.
TransitionItem	MediaTransitionItem	No	Transition, which is valid if `Type` is `Transition`. Note: this field may return null, indicating that no valid values can be obtained.
EmptyItem	EmptyTrackItem	No	Empty segment, which is valid if `Type` is `Empty`. It is used as placeholder on time axis. • If you want a period of silence between two audio segments, you can use `EmptyTrackItem` to hold the place. • Use `EmptyTrackItem` as a placeholder to locate an item. Note: this field may return null, indicating that no valid values can be obtained.

MediaTranscodeInfo

Transcoding information of VOD file

Used by actions: DescribeMediaInfos, SearchMedia.

Name	Type	Description
TranscodeSet	Array of MediaTranscodeItem	Information set of transcoding with each specification. Each element represents a result of transcoding with a specification. Note: this field may return null, indicating that no valid values can be obtained.

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MediaTranscodeItem

Transcoding information

Used by actions: DescribeMediaInfos, DescribeTaskDetail, PullEvents, SearchMedia.

Name	Type	Description
Url	String	Address of output video file. Note: this field may return null, indicating that no valid values can be obtained.
Definition	Integer	For transcoding specification ID, see Transcoding Parameter Template. Note: A value of 0 represents the original file.
Bitrate	Integer	Sum of the average bitrate of a video stream and that of an audio stream in bps. Note: this field may return null, indicating that no valid values can be obtained.
Height	Integer	Maximum value of the height of a video stream in px. Note: this field may return null, indicating that no valid values can be obtained.
Width	Integer	Maximum value of the width of a video stream in px. Note: this field may return null, indicating that no valid values can be obtained.
Size	Integer	The file size (bytes). • If the file is an HLS file, the value of this parameter is the sum of the size of the M3U8 and TS files.
Duration	Float	Video duration in seconds. Note: this field may return null, indicating that no valid values can be obtained.
Md5	String	MD5 value of video. Note: this field may return null, indicating that no valid values can be obtained.
Container	String	Container, such as m4a and mp4. Note: this field may return null, indicating that no valid values can be obtained.
VideoStreamSet	Array of MediaVideoStreamItem	Video stream information. Note: this field may return null, indicating that no valid

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		values can be obtained.
AudioStreamSet	Array of MediaAudioStreamItem	Audio stream information. Note: this field may return null, indicating that no valid values can be obtained.
DigitalWatermarkType	String	The watermark type. Valid values: • Trace: Digital watermark • None: Regular watermark
CopyRightWatermarkText	String	

MediaTransitionItem

Transition information

Used by actions: ComposeMedia.

Name	Type	Required	Description
Duration	Float	Yes	Transition duration in seconds. For two media segments that use a transition, the start time of the second segment on the track will be automatically set to the end time of the first segment minus the transition duration.
MediaTransitions	Array of TransitionOperation	No	Transition operation list. Image transition operations and audio transition operations support at most one each.

MediaVideoStreamItem

Information of video stream in VOD file

Used by actions: DescribeMediaInfos, LiveRealTimeClip, SearchMedia, SimpleHlsClip.

Name	Type	Description
Bitrate	Integer	Bitrate of video stream in bps. Note: this field may return null, indicating that no valid values can be obtained.
Height	Integer	Height of video stream in px.

		Note: this field may return null, indicating that no valid values can be obtained.
Width	Integer	Width of video stream in px. Note: this field may return null, indicating that no valid values can be obtained.
Codec	String	Video stream encoder, such as h264. Note: this field may return null, indicating that no valid values can be obtained.
Fps	Integer	Frame rate in Hz. Note: this field may return null, indicating that no valid values can be obtained.
CodecTag	String	The codec tag. This parameter is valid only if `Codec` is `hevc`.
DynamicRangeInfo	DynamicRangeInfo	Dynamic range information. • Note: This parameter is valid for transcoding files generated after 2023-01-10T00:00:00Z.

MosaicConfigureInfo

Control parameters for detecting video mosaic.

Used by actions: CreateQualityInspectTemplate, DescribeQualityInspectTemplates.

Name	Type	Required	Description
Switch	String	Yes	Video mosaic inspection switch, optional values: • ON: enabled; • OFF: disabled.

MosaicConfigureInfoForUpdate

Control parameters for detecting video mosaic.

Used by actions: ModifyQualityInspectTemplate.

Name	Type	Required	Description
Switch	String	No	Video mosaic inspection switch, optional values:

			• ON: enabled; • OFF: disabled.

MosaicInput

Blur parameter type of video processing task

Used by actions: CreateProcedureTemplate, ProcessMedia, ResetProcedureTemplate.

Name	Type	Required	Description
CoordinateOrigin	String	No	Origin position, which currently can only be: • TopLeft: the origin of coordinates is in the top-left corner of the video, and the origin of the blur is in the top-left corner of the image or text. Default value: TopLeft.
XPos	String	No	The horizontal position of the origin of the blur relative to the origin of coordinates of the video. % and px formats are supported: • If the string ends in %, the `XPos` of the blur will be the specified percentage of the video width; for example, `10%` means that `XPos` is 10% of the video width; • If the string ends in px, the `XPos` of the blur will be the specified px; for example, `100px` means that `XPos` is 100 px. Default value: 0 px.
YPos	String	No	Vertical position of the origin of blur relative to the origin of coordinates of video. % and px formats are supported: • If the string ends in %, the `YPos` of the blur will be the specified percentage of the video height; for example, `10%` means that `YPos` is 10% of the video height; • If the string ends in px, the `YPos` of the blur will be the specified px; for example, `100px` means that `YPos` is 100 px. Default value: 0 px.
Width	String	No	Blur width. % and px formats are supported: • If the string ends in %, the `Width` of the blur will be the specified percentage of the video width; for example, `10%` means that `Width` is 10% of the video width; • If the string ends in px, the `Width` of the blur will be in px; for example, `100px` means that `Width` is 100 px.

			Default value: 10%.
Height	String	No	Blur height. % and px formats are supported: • If the string ends in %, the `Height` of the blur will be the specified percentage of the video height; for example, `10%` means that `Height` is 10% of the video height; • If the string ends in px, the `Height` of the blur will be in px; for example, `100px` means that `Height` is 100 px. Default value: 10%.
StartTimeOffset	Float	No	Start time offset of blur in seconds. If this parameter is left empty or 0 is entered, the blur will appear upon the first video frame. • If this parameter is left empty or 0 is entered, the blur will appear upon the first video frame; • If this value is greater than 0 (e.g., n), the blur will appear at second n after the first video frame; • If this value is smaller than 0 (e.g., -n), the blur will appear at second n before the last video frame.
EndTimeOffset	Float	No	End time offset of blur in seconds. • If this parameter is left empty or 0 is entered, the blur will exist till the last video frame; • If this value is greater than 0 (e.g., n), the blur will exist till second n; • If this value is smaller than 0 (e.g., -n), the blur will exist till second n before the last video frame.

NoiseConfigureInfo

Control parameters for detecting video noise.

Used by actions: CreateQualityInspectTemplate, DescribeQualityInspectTemplates.

Name	Type	Required	Description
Switch	String	Yes	Video noise inspection switch, optional values: • ON: enabled; • OFF: disabled.

NoiseConfigureInfoForUpdate

Control parameters for detecting video noise.

Used by actions: ModifyQualityInspectTemplate.

Name	Type	Required	Description
Switch	String	No	Video noise inspection switch, optional values: • ON: enabled; • OFF: disabled.

ObjectConfigureInfo

Control parameter of object recognition task

Used by actions: CreateAIRecognitionTemplate, DescribeAIRecognitionTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of object recognition task. Valid values: • ON: enables intelligent object recognition task; • OFF: disables intelligent object recognition task.
ObjectLibrary	String	No	Object library. Valid values: • Default: default object library; • UserDefine: custom object library. • All: both default and custom object libraries will be used. Default value: All, i.e., both default and custom object libraries will be used.

ObjectConfigureInfoForUpdate

Control parameter of object recognition task

Used by actions: ModifyAIRecognitionTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of object recognition task. Valid values: • ON: enables intelligent object recognition task; • OFF: disables intelligent object recognition task.
ObjectLibrary	String	No	Object library. Valid values:

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			• Default: default object library; • UserDefine: custom object library. • All: both default and custom object libraries will be used.

OcrFullTextConfigureInfo

Control parameter of full text recognition task

Used by actions: CreateAIRecognitionTemplate, DescribeAIRecognitionTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of full text recognition task. Valid values: • ON: enables intelligent full text recognition task; • OFF: disables intelligent full text recognition task.

OcrFullTextConfigureInfoForUpdate

Control parameter of full text recognition task

Used by actions: ModifyAIRecognitionTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of full text recognition task. Valid values: • ON: enables intelligent full text recognition task; • OFF: disables intelligent full text recognition task.

OcrWordsConfigureInfo

Text keyword recognition control parameter.

Used by actions: CreateAIRecognitionTemplate, DescribeAIRecognitionTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of text keyword recognition task. Valid values: • ON: enables text keyword recognition task; • OFF: disables text keyword recognition task.
LabelSet	Array	No	Keyword filter tag, which specifies the keyword tag that needs to be

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	of String		returned. If this parameter is left empty, all results will be returned. There can be up to 10 tags, each with a length limit of 16 characters.

OcrWordsConfigureInfoForUpdate

Control parameter of text keyword recognition.

Used by actions: ModifyAIRecognitionTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of text keyword recognition task. Valid values: • ON: enables text keyword recognition task; • OFF: disables text keyword recognition task.
LabelSet	Array of String	No	Keyword filter tag, which specifies the keyword tag that needs to be returned. If this parameter is left empty or a blank value is entered, all results will be returned. There can be up to 10 tags, each with a length limit of 16 characters.

Origin

Origin Server Configuration

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Origins	Array of String	No	List of main origin sites. When modifying the main origin site, the corresponding OriginType needs to be filled in at the same time.
OriginType	String	No	Main origin site type, input parameters support the following types: • domain: domain name type; • ip: IP list as the origin site; • third_party: third-party storage origin site .
ServerName	String	No	When returning to the main origin server, the Host header will default to the accelerated domain name if it is not filled in. When the origin server type is object storage, the ServerName field is required.

OriginPullProtocol	String	No	Back-to-origin protocol configuration: • http: Forces HTTP back-to-origin; • follow: The protocol follows back-to-origin; • https: Forces https back-to-origin, and https back-to-origin only supports origin. Station port 443.
BackupOrigins	Array of String	No	Backup source site list. When modifying the backup origin site, the corresponding OriginType needs to be filled in at the same time.
BackupOriginType	String	No	Backup origin site type, input parameters support the following types: • domain: domain name type; • ip: IP list as the origin site; • third_party: third-party storage origin site .
BackupServerName	String	No	Host header used when accessing the backup origin server. If it is left empty, the ServerName of primary origin server will be used by default. Note: This field may return null, indicating that no valid value can be obtained.
OriginCompany	String	No	Object storage back to the origin vendor. Required when the origin site type is a third-party storage origin site (third_party). Optional values u200bu200binclude the following: • aws_s3: AWS S3; • ali_oss: Alibaba Cloud OSS; • hw_obs: Huawei OBS; • others: object storage from other manufacturers, only supports object storage compatible with AWS signature algorithm, such as Tencent Cloud COS.

OssPrivateAccess

Access authentication configuration for OSS origin

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Alibaba Cloud OSS return-to-origin authentication configuration switch, the values u200bu200bare: • on: on; • off: off.
AccessKey	String	No	Access ID.

SecretKey	String	No	Key.
Region	String	No	Region.
Bucket	String	No	BucketName.

OthersPrivateAccess

Origin-pull authentication for other origins

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Other manufacturers' object storage back-to-origin authentication configuration switch, the values u200bu200bare: • on: on; • off: off.
AccessKey	String	No	Access ID.
SecretKey	String	No	Key.
Region	String	No	Region.
Bucket	String	No	Bucket name

OutputAudioStream

Information of output audio stream

Used by actions: ComposeMedia.

Name	Type	Required	Description
Codec	String	No	Audio stream encoder. Valid values: • libfdk_aac: suitable for mp4 files. Default value: libfdk_aac.
SampleRate	Integer	No	Audio stream sample rate. Valid values: • 16,000 • 32,000

			• 44,100 • 48,000 In Hz. Default value: 16,000.
AudioChannel	Integer	No	Number of sound channels. Valid values: • 1: mono. • 2: dual Default value: 2.
Bitrate	Integer	No	The bit rate of the audio stream, value range: 0 and [26, 256], unit: kbps. When the value is 0, the audio bitrate will be automatically set.

OutputVideoStream

Information of output video stream

Used by actions: ComposeMedia.

Name	Type	Required	Description
Codec	String	No	Video stream encoder. Valid values: • libx264: H.264 Default value: libx264.
Fps	Integer	No	Video frame rate in Hz. Value range: [0, 60]. Default value: 0, which means that the value is the same as the video frame rate of the first video segment in the first video track.

PersistenceCompleteTask

Used by actions: PullEvents.

Name	Type	Description
FileId	String	File ID of new media generated by persistence.
PersistenceSource	String	The source of persistence. • SimpleHlsClip: from SimpleHlsClip API;

		• FastEditMedia: from FastEditMedia API; • LiveRealTimeClip: from LiveRealTimeClip API.

PlayStatFileInfo

Information of a playback statistics file

Used by actions: DescribeDailyPlayStatFileList.

Name	Type	Description
Date	String	Date of playback statistics in ISO date format.
Url	String	URL of a playback statistics file, including the following contents: • date: playback date • file_id: video file ID • ip_count: number of client IPs after deduplication • flux: playback traffic in bytes • play_times: total playback times • pc_play_times: playback times on PC clients • mobile_play_times: playback times on mobile clients • iphone_play_times: playback times on iPhone • android_play_times: playback times on Android • host_name: domain name

PlayStatInfo

The playback statistics.

Used by actions: DescribeMediaPlayStatDetails.

Name	Type	Description
Time	String	The start time (in ISO date format) of the data returned. For example, if the granularity is a day, `2018-12-01T00:00:00+08:00` indicates that the data is for the period between December 1, 2018 (inclusive) and December 2, 2018 (exclusive). • If the granularity is an hour, `2019-08-22T00:00:00+08:00` indicates the data is for the period between 00:00 and 01:00 AM on August 22, 2019. • If the granularity is a day, `2019-08-22T00:00:00+08:00` indicates the data is for August 22, 2019.
FileId	String	The ID of the media file.

PlayTimes	Integer	The playback times.
Traffic	Integer	The traffic (in bytes) consumed for playback.

PlayerConfig

Player configuration details

Used by actions: DescribeSuperPlayerConfigs.

Name	Type	Description
Name	String	Player configuration name.
Type	String	Player configuration type. Valid values: • Preset: preset configuration; • Custom: custom configuration.
AudioVideoType	String	The type of audio/video played. Valid values: • AdaptiveDynamicStreaming: Adaptive bitrate stream • Transcode: Transcoded stream • Original: The original stream
DrmSwitch	String	Switch of DRM-protected adaptive bitstream playback: • ON: enabled, indicating to play back only output adaptive bitstreams protected by DRM; • OFF: disabled, indicating to play back unencrypted output adaptive bitstreams.
AdaptiveDynamicStreamingDefinition	Integer	ID of the unencrypted adaptive bitrate streaming template that allows output.
DrmStreamingsInfo	DrmStreamingsInfo	Content of the DRM-protected adaptive bitrate streaming template that allows output.
TranscodeDefinition	Integer	The ID of the transcoding template allowed.
ImageSpriteDefinition	Integer	ID of the image sprite generating template that allows output.
ResolutionNameSet	Array of ResolutionNameInfo	Display name of player for substreams with different resolutions.
CreateTime	String	Creation time of player configuration in ISO

		date format.
UpdateTime	String	Last modified time of player configuration in ISO date format.
Domain	String	Domain name used for playback. If its value is `Default`, the domain name configured in Default Distribution Configuration will be used.
Scheme	String	Scheme used for playback. Valid values: • Default: the scheme configured in Default Distribution Configuration will be used; • HTTP; • HTTPS.
Comment	String	Template description.

PoliticalAsrReviewTemplateInfo

Parameters for ASR-based recognition of politically sensitive content

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable ASR-based recognition of politically sensitive content. Valid values: • ON • OFF
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. If this parameter is left empty, `75` will be used by default. Value range: 0-100
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. If this parameter is left empty, `100` will be used by default. Value range: 0-100

PoliticalAsrReviewTemplateInfoForUpdate

Parameters for ASR-based recognition of politically sensitive content

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Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable ASR-based recognition of politically sensitive content. Valid values: • ON • OFF
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. Value range: 0-100

PoliticalConfigureInfo

Parameters for recognition of politically sensitive content

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
ImgReviewInfo	PoliticalImgReviewTemplateInfo	No	Parameters for recognition of politically sensitive content in images Note: This field may return `null`, indicating that no valid value can be found.
AsrReviewInfo	PoliticalAsrReviewTemplateInfo	No	Parameters for ASR-based recognition of politically sensitive content Note: This field may return `null`, indicating that no valid value can be found.
OcrReviewInfo	PoliticalOcrReviewTemplateInfo	No	Parameters for OCR-based recognition of politically sensitive content Note: This field may return `null`, indicating that no valid value can be found.

PoliticalConfigureInfoForUpdate

Parameters for recognition of politically sensitive content

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
ImgReviewInfo	PoliticalImgReviewTemplateInfoForUpdate	No	Parameters for recognition of politically sensitive content in images
AsrReviewInfo	PoliticalAsrReviewTemplateInfoForUpdate	No	Parameters for ASR-based recognition of politically sensitive content
OcrReviewInfo	PoliticalOcrReviewTemplateInfoForUpdate	No	Parameters for OCR-based recognition of politically sensitive content

PoliticalImageResult

The moderation result for politically sensitive content in an image.

Used by actions: ReviewImage.

Name	Type	Description
Confidence	Float	The confidence score for the moderation result. Value range: 0-100.
Suggestion	String	The suggestion for handling the detected politically sensitive content. Valid values: • pass/li> • review • block
Name	String	The name of the politically sensitive content or banned icon detected.
AreaCoordSet	Array of Integer	The coordinates (pixel) of the top-left and bottom-right corners of the frame where the politically sensitive content or banned icon appears. Format: [x1, y1, x2, y2].

PoliticalImgReviewTemplateInfo

Parameters for recognition of politically sensitive content in images

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable recognition of politically sensitive content in images. Valid values: • ON • OFF
LabelSet	Array of String	No	Filter labels for recognition of politically sensitive content in images. Results containing the specified labels are returned. If no labels are specified, all results are returned. Valid values: • `violation_photo` : banned images • `politician` : politically sensitive people • `entertainment` : people in the entertainment industry • `sport` : sportspeople • `entrepreneur` : businesspeople • `scholar` : scholars • `celebrity` : celebrities • `military` : people in military
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. If this parameter is left empty, `97` will be used by default. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. If this parameter is left empty, `95` will be used by default. Value range: 0-100

PoliticalImgReviewTemplateInfoForUpdate

Parameters for recognition of politically sensitive content in images

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable recognition of politically sensitive content in images. Valid values: • ON • OFF
LabelSet	Array of String	No	Filter labels for recognition of politically sensitive content in images. Results containing the specified labels are returned. If no labels are specified, all results are returned. Valid values:

			• `violation_photo` : banned images • `politician` : politically sensitive people • `entertainment` : people in the entertainment industry • `sport` : sportspeople • `entrepreneur` : businesspeople • `scholar` : scholars • `celebrity` : celebrities • `military` : people in military
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. Value range: 0-100

PoliticalOcrReviewTemplateInfo

Parameters for OCR-based recognition of politically sensitive content

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable OCR-based recognition of politically sensitive content. Valid values: • ON • OFF
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. If this parameter is left empty, `100` will be used by default. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. If this parameter is left empty, `75` will be used by default. Value range: 0-100

PoliticalOcrReviewTemplateInfoForUpdate

Parameters for OCR-based recognition of politically sensitive content

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Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable OCR-based recognition of politically sensitive content. Valid values: • ON • OFF
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. Value range: 0-100

PornAsrReviewTemplateInfo

Parameters for ASR-based recognition of pornographic content

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable ASR-based recognition of pornographic content. Valid values: • ON • OFF
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. If this parameter is left empty, `100` will be used by default. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. If this parameter is left empty, `75` will be used by default. Value range: 0-100

PornAsrReviewTemplateInfoForUpdate

Parameters for ASR-based recognition of pornographic content

Used by actions: ModifyContentReviewTemplate.

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Name	Type	Required	Description
Switch	String	No	Whether to enable ASR-based recognition of pornographic content. Valid values: • ON • OFF
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. Value range: 0-100

PornConfigureInfo

Parameters for recognition of pornographic content

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
ImgReviewInfo	PornImgReviewTemplateInfo	No	Parameters for recognition of pornographic content in images Note: This field may return `null`, indicating that no valid value can be found.
AsrReviewInfo	PornAsrReviewTemplateInfo	No	Parameters for ASR-based recognition of pornographic content Note: This field may return `null`, indicating that no valid value can be found.
OcrReviewInfo	PornOcrReviewTemplateInfo	No	Parameters for OCR-based recognition of pornographic content Note: This field may return `null`, indicating that no valid value can be found.

PornConfigureInfoForUpdate

Parameters for recognition of pornographic content

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
ImgReviewInfo	PornImgReviewTemplateInfoForUpdate	No	Parameters for recognition of pornographic content in images
AsrReviewInfo	PornAsrReviewTemplateInfoForUpdate	No	Parameters for ASR-based recognition of pornographic content
OcrReviewInfo	PornOcrReviewTemplateInfoForUpdate	No	Parameters for OCR-based recognition of pornographic content

PornImageResult

The moderation result for pornographic content in an image.

Used by actions: ReviewImage.

Name	Type	Description
Confidence	Float	The confidence score for the moderation result. Value range: 0-100.
Suggestion	String	The suggestion for handling the detected pornographic content. Valid values: • pass/li> • review • block
Label	String	The label for the detected pornographic content. Valid values: • porn • sexy • vulgar • intimacy

PornImgReviewTemplateInfo

Parameters for recognition of pornographic content in images

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable recognition of pornographic content in

			images. Valid values: • ON • OFF
LabelSet	Array of String	No	Filter labels for recognition of pornographic content in images. Results containing the specified labels are returned. If no labels are specified, all results are returned. Valid values: • porn • vulgar • intimacy • sexy
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. If this parameter is left empty, `90` will be used by default. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. If this parameter is left empty, `0` will be used by default. Value range: 0-100

PornImgReviewTemplateInfoForUpdate

Parameters for recognition of pornographic content in images

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable recognition of pornographic content in images. Valid values: • ON • OFF
LabelSet	Array of String	No	Filter labels for recognition of pornographic content in images. Results containing the specified labels are returned. If no labels are specified, all results are returned. Valid values: • porn • vulgar • intimacy • sexy
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. Value range: 0-100

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ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. Value range: 0-100

PornOcrReviewTemplateInfo

Parameters for OCR-based recognition of pornographic content

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable OCR-based recognition of pornographic content. Valid values: • ON • OFF
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. If this parameter is left empty, `100` will be used by default. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. If this parameter is left empty, `75` will be used by default. Value range: 0-100

PornOcrReviewTemplateInfoForUpdate

Parameters for OCR-based recognition of pornographic content

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable OCR-based recognition of pornographic content. Valid values: • ON • OFF
BlockConfidence	Integer	No	Threshold score for violation. If this score is reached or exceeded during intelligent audit, it will be deemed that a suspected violation has occurred. Value range: 0–100.

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ReviewConfidence	Integer	No	Threshold score for human audit. If this score is reached or exceeded during intelligent audit, human audit will be considered necessary. Value range: 0–100.

ProcedureReviewAudioVideoTaskInput

The moderation task details of a task flow template.

Used by actions: CreateProcedureTemplate, DescribeProcedureTemplates, ResetProcedureTemplate.

Name	Type	Required	Description
Definition	Integer	Yes	The moderation template ID.
ReviewContents	Array of String	No	The type of moderated content. Valid values: • `Media` : The original audio/video. • `Cover` : Thumbnails. If this parameter is not specified or an empty array is passed in, `Media` will be used.

ProcedureTask

Video processing task information

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	Video processing task ID.
Status	String	Task flow status. Valid values: • PROCESSING: processing; • FINISH: completed.
ErrCode	Integer	Disused. Please use `ErrCode` of each specific task. Note: this field may return null, indicating that no valid values can be obtained.
Message	String	Disused. Please use `Message` of each specific task.

		Note: this field may return null, indicating that no valid values can be obtained.
FileId	String	Media file ID. • If the task flow is initiated by ProcessMedia, this field means the `FileId` in MediaInfo; • If the task flow is initiated by ProcessMediaByUrl, this field means the `Id` in MediaInputInfo. Note: this field may return null, indicating that no valid values can be obtained.
FileName	String	Media filename • If the task flow is initiated by ProcessMedia, this field means the `BasicInfo.Name` in MediaInfo; • If the task flow is initiated by ProcessMediaByUrl, this field means the `Name` in MediaInputInfo. Note: this field may return null, indicating that no valid values can be obtained.
FileUrl	String	Media file address • If the task flow is initiated by ProcessMedia, this field means the `BasicInfo.MediaUrl` in MediaInfo; • If the task flow is initiated by ProcessMediaByUrl, this field means the `Url` in MediaInputInfo.
MetaData	MediaMetaData	Source video metadata.
MediaProcessResultSet	Array of MediaProcessTaskResult	Execution status and result of video processing task. Note: this field may return null, indicating that no valid values can be obtained.
AiContentReviewResultSet	Array of AiContentReviewResult	Status and result of an intelligent recognition task
AiAnalysisResultSet	Array of AiAnalysisResult	Execution status and result of video content analysis task. Note: this field may return null, indicating that no valid values can be obtained.

AiRecognitionResultSet	Array of AiRecognitionResult	Execution status and result of video content recognition task. Note: this field may return null, indicating that no valid values can be obtained.
TasksPriority	Integer	Task flow priority. Value range: [-10, 10]. Note: this field may return null, indicating that no valid values can be obtained.
TasksNotifyMode	String	Notification mode for change in task flow status. • Finish: an event notification will be initiated only after the task flow is completely executed; • Change: an event notification will be initiated as soon as the status of a subtask in the task flow changes; • None: no callback for the task flow will be accepted. Note: this field may return null, indicating that no valid values can be obtained.
SessionContext	String	The source context which is used to pass through the user request information. The task flow status change callback will return the value of this field. It can contain up to 1,000 characters. Note: this field may return null, indicating that no valid values can be obtained.
SessionId	String	The ID used for deduplication. If there was a request with the same ID in the last seven days, the current request will return an error. The ID can contain up to 50 characters. If this parameter is left empty or a blank string is entered, no deduplication will be performed. Note: this field may return null, indicating that no valid values can be obtained.
Operator	String	The operator. Valid values: • `SYSTEM` : The task is triggered by the system.
OperationType	String	The operation type. Valid values: • `TSC` : TSC-based smart bitrate reduction

ProcedureTemplate

Task flow template details

Used by actions: DescribeProcedureTemplates.

Name	Type	Description
Name	String	Task flow name.
Type	String	Type of a task flow template. Valid values: • Preset: preset task flow template; • Custom: custom task flow template.
Comment	String	Template description. Length limit: 256 characters.
MediaProcessTask	MediaProcessTaskInput	Parameter of video processing task. Note: this field may return null, indicating that no valid values can be obtained.
AiContentReviewTask	AiContentReviewTaskInput	The information of the intelligent moderation task*. *: This parameter is used by our old moderation templates and is not recommended. Please use `ReviewAudioVideoTask` instead. Note: This field may return null, indicating that no valid values can be obtained.
AiAnalysisTask	AiAnalysisTaskInput	Parameter of AI-based content analysis task. Note: this field may return null, indicating that no valid values can be obtained.
AiRecognitionTask	AiRecognitionTaskInput	Type parameter of AI-based content recognition task. Note: this field may return null, indicating that no valid values can be obtained.
MiniProgramPublishTask	WechatMiniProgramPublishTaskInput	Parameter of a release on WeChat Mini Program task. Note: this field may return null,

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		indicating that no valid values can be obtained.
ReviewAudioVideoTask	ProcedureReviewAudioVideoTaskInput	The information of the moderation task. Note: This field may return null, indicating that no valid values can be obtained.
CreateTime	String	Creation time of template in ISO date format.
UpdateTime	String	Last modified time of template in ISO date format.

ProhibitedAsrReviewTemplateInfo

Control parameter of prohibited information detection in speech task

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of prohibited information detection in speech task. Valid values: • ON: enables prohibited information detection in speech task; • OFF: disables prohibited information detection in speech task.
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. If this parameter is left empty, `100` will be used by default. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. If this parameter is left empty, `75` will be used by default. Value range: 0-100

ProhibitedAsrReviewTemplateInfoForUpdate

Control parameter of prohibited information detection in speech task

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of prohibited information detection in speech task. Valid values: • ON: enables prohibited information detection in speech task; • OFF: disables prohibited information detection in speech task.
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. If this parameter is left empty, `100` will be used by default. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. If this parameter is left empty, `75` will be used by default. Value range: 0-100

ProhibitedConfigureInfo

Control parameter of prohibited information detection task

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
AsrReviewInfo	ProhibitedAsrReviewTemplateInfo	No	Control parameter of prohibited information detection in speech. Note: this field may return null, indicating that no valid values can be obtained.
OcrReviewInfo	ProhibitedOcrReviewTemplateInfo	No	Control parameter of prohibited information detection in text. Note: this field may return null, indicating that no valid values can be obtained.

ProhibitedConfigureInfoForUpdate

Control parameter of prohibited information detection task

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description

AsrReviewInfo	ProhibitedAsrReviewTemplateInfoForUpdate	No	Control parameter of prohibited information detection in speech.
OcrReviewInfo	ProhibitedOcrReviewTemplateInfoForUpdate	No	Control parameter of prohibited information detection in text.

ProhibitedOcrReviewTemplateInfo

Control parameter of prohibited information detection in text task

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of prohibited information detection in text task. Valid values: • ON: enables prohibited information detection in text task; • OFF: disables prohibited information detection in text task.
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. If this parameter is left empty, `100` will be used by default. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. If this parameter is left empty, `75` will be used by default. Value range: 0-100

ProhibitedOcrReviewTemplateInfoForUpdate

Control parameter of prohibited information detection in text task

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of prohibited information detection in text task. Valid values: • ON: enables prohibited information detection in text task; • OFF: disables prohibited information detection in text task.

BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. If this parameter is left empty, `100` will be used by default. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. If this parameter is left empty, `75` will be used by default. Value range: 0-100

PullUploadTask

The information of a pull and upload task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	The task ID.
Status	String	Task flow status. Valid values: • PROCESSING: processing; • FINISH: completed.
ErrCode	Integer	Error code. 0: success; other values: failure. • 40000: invalid input parameter. Please check it; • 60000: invalid source file (e.g., video data is corrupted). Please check whether the source file is normal; • 70000: internal service error. Please try again.
Message	String	Error message.
FileId	String	The ID of the uploaded file.
MediaBasicInfo	MediaBasicInfo	The basic information of the uploaded file. Note: This field may return null, indicating that no valid values can be obtained.
MetaData	MediaMetaData	The metadata of the output video.
FileUrl	String	The playback address of the uploaded file.
ProcedureTaskId	String	The task ID for the task type `Procedure`. If a task flow is specified by PullUpload, and the task flow includes one or more of `MediaProcessTask`, `AiAnalysisTask`, and

		`AiRecognitionTask` , the task specified by this parameter will be executed.
ReviewAudioVideoTaskId	String	The task ID for the task type `ReviewAudioVideo` . If a task flow is specified by PullUpload, and the task flow includes `ReviewAudioVideoTask` , the task specified by this parameter will be executed.
SessionContext	String	The source context, which is used to pass through user request information. The PullComplete callback will return the value of this parameter. It can contain up to 1,000 characters.
SessionId	String	The ID used for deduplication. If there was a request with the same ID in the last seven days, the current request will return an error. The ID can contain up to 50 characters. If this parameter is left empty or a blank string is entered, no deduplication will be performed.
Progress	Integer	The progress of the pull and upload task. Value range: 1-100.

QRCodeConfigureInfo

Control parameters for QR code detection in video.

Used by actions: CreateQualityInspectTemplate, DescribeQualityInspectTemplates.

Name	Type	Required	Description
Switch	String	Yes	QR code inspection switch, optional values: • ON: enabled; • OFF: disabled.

QRCodeConfigureInfoForUpdate

Control parameters for QR code detection in video.

Used by actions: ModifyQualityInspectTemplate.

Name	Type	Required	Description
Switch	String	No	QR code inspection switch, optional values: • ON: enabled; • OFF: disabled.

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QualityEnhanceTask

Quality Enhance Task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	Task Id.
Status	String	Task flow status, values: • PROCESSING: Processing; • FINISH: Completed.
ErrCode	Integer	Error code, 0 means success, other values u200bu200bmean failure: • 40000: The input parameters are illegal, please check the input parameters; • 60000: Source file error (such as video data damage), Please confirm whether the source file is normal; • 70000: Internal service error, it is recommended to try again.
Message	String	Error message.
ErrCodeExt	String	Error code. An empty string indicates success. Other values u200bu200bindicate failure. For values, please refer to Video Processing Error Code list.
Progress	Integer	Media quality enhance task progress, value range [0-100].
Input	QualityEnhanceTaskInput	Input for media quality enhance task. Note: This field may return null, indicating that no valid value can be obtained.
Output	QualityEnhanceTaskOutput	Output of the media quality enhance task. Note: This field may return null, indicating that no valid value can be obtained.
MetaData	MediaMetaData	Media quality enhance outputs meta-information of the video. Note: This field may return null, indicating that no valid value can be obtained.
SessionId	String	Identification code used for deduplication. If there is a request for the same identification code within seven days, this request will return an error. The maximum length is 50

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		characters, without or with an empty string to indicate no deduplication.
SessionContext	String	Source context, used to transparently transmit user request information. The task flow status change callback will return the value of this field, which can be up to 1000 characters.

QualityEnhanceTaskInput

Input for media quality enhance task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
FileId	String	Media file ID.
Definition	Integer	Media quality enhance template ID.

QualityEnhanceTaskOutput

Output for media quality enhance task

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
FileType	String	File types such as mp4, flv, etc.
FileUrl	String	Media file playback address.
FileId	String	Media file ID.
MediaName	String	Output file name, up to 64 characters. By default, the generated file name is specified by the system.
ClassId	Integer	Classification ID is used to classify media. You can create a classification through the Create Classification interface to obtain the classification ID. • Default value: 0, indicating other categories.
ExpireTime	String	The expiration time of the output file. The file will be deleted after this time. The default is permanent and not expired. The format is expressed in accordance with the ISO 8601 standard. For details, see ISO Date Format Description.

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QualityEvaluationConfigureInfo

Control parameters for video quality evaluation.

Used by actions: CreateQualityInspectTemplate, DescribeQualityInspectTemplates.

Name	Type	Required	Description
Switch	String	Yes	Video quality evaluation switch, optional values: • ON: enabled; • OFF: disabled.
Score	Integer	No	Video quality evaluation filter threshold, the result only returns the time periods lower than this value, the default value is 60.

QualityEvaluationConfigureInfoForUpdate

Control parameters for video quality evaluation.

Used by actions: ModifyQualityInspectTemplate.

Name	Type	Required	Description
Switch	String	No	Video quality evaluation switch, optional values: • ON: enabled; • OFF: disabled.
Score	Integer	No	Video quality evaluation filter threshold, the result only returns the time periods lower than this value, the default value is 60.

QualityInspectItem

Abnormal segment information of media quality inspection.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
StartTimeOffset	Float	Abnormal segment start offset time, unit: seconds.
EndTimeOffset	Float	Abnormal segment termination's offset time, unit: seconds.
AreaCoordSet	Array	Detect abnormality in the area coordinates. The array contains 4 elements [x1,

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	of Integer	y1, x2, y2], which indicate the horizontal and vertical coordinates of the upper left and lower right points of the area in sequence. Pay attention to: The value of this field is valid only when Type is one of the following: • BlackWhiteEdge: black and white edge; • Mosaic: mosaic; • QRCode: QR code; • AppletCode: Mini Program code; • BarCode: bar code.
Confidence	Integer	Confidence threshold, range: [0, 100]. Pay attention to: This field is valid only when Type has one of the following values: • Mosaic: Mosaic; • QRCode: QR code; • AppletCode: Mini Program code; • BarCode: Bar code.

QualityInspectResultItem

Abnormal result Information of media quality inspection.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Type	String	Abnormal type, range: • Jitter: Jitter; • Blur: Blur; • LowLighting: Low lighting; • HighLighting: Overexposure; • CrashScreen: Crash screen; • BlackWhiteEdge: Black and white edges; • SolidColorScreen: Solid color screen; • Noise: Noise; • Mosaic: Mosaic; • QRCode: QR code; • AppletCode: Applet code; • BarCode: Bar code; • LowVoice: Low voice; • HighVoice: High voice; • NoVoice: mutes; • LowEvaluation: No reference scoring below the threshold.
SegmentSet	Array of	Abnormal segment List. Pay attention to: This list will

	QualityInspectItem	only show the first 100 elements at most. If you wish to get the complete result, please get it from the file corresponding to SegmentSetFileUrl.
SegmentSetFileUrl	String	Abnormal segment List file URL. The file content is JSON, and the data structure is consistent with the SegmentSet Field. (The file will not be permanently stored, and will be deleted after reaching the SegmentSetFileUrlExpireTime Time point).
SegmentSetFileUrlExpireTime	String	Abnormal segment List file URL expiration time, using ISO date supported.

QualityInspectTask

Media quality inspection task information.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	Media quality inspection task ID.
Status	String	Task status, value: • PROCESSING: processing; • FINISH: Completed.
ErrCodeExt	String	Error code, an empty string indicates success, other values indicate failure. Please refer to the Video Processing Error Code list for values.
Message	String	Error information.
MetaData	MediaMetaData	Media quality inspection input metadata of audio and video.
Input	QualityInspectTaskInput	Media quality inspection task input.
Output	QualityInspectTaskOutput	Media quality inspection task generates.
SessionId	String	Used for deduplication, if there has been a request with the same recognition code within seven days, this request will return an error. Maximum length of 50 characters, without or with an empty string indicates no deduplication.
SessionContext	String	Source context, used for transparent transmission of user request information. Upon completion of media quality

		inspection, the callback will return the value of this field, with a maximum length of 1000 characters.

QualityInspectTaskInput

Input of media quality inspection task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
FileId	String	Media file ID.
Definition	Integer	Media quality inspect template ID.

QualityInspectTaskOutput

Media quality inspection task generates.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
NoAudio	Integer	Whether the media files have no audio track, range: • 0: No, that is, there is an audio track; • 1: Yes, that is, there is no audio track.
NoVideo	Integer	Whether the media files have no video track, range: • 0: No, that is, there is a video track; • 1: Yes, that is, there is no video track.
QualityEvaluationScore	Integer	Quality score, value range: [0, 100].
QualityInspectResultSet	Array of QualityInspectResultItem	Abnormal items list detected of media quality inspection task

QualityInspectTemplateItem

Media quality inspection template details.

Used by actions: DescribeQualityInspectTemplates.

Name	Type	Description
Definition	Integer	Media quality inspection template ID.
Type	String	Template Type, available options: • Preset: Preset Template; • Custom: User Custom Template.
Name	String	Media quality inspection template name.
Comment	String	Template description.
ScreenshotInterval	Float	Frame interval, unit in seconds.
JitterConfigure	JitterConfigureInfo	Control parameters for detecting video jitter and ghosting.
BlurConfigure	BlurConfigureInfo	Control parameters for detecting video blur.
AbnormalLightingConfigure	AbnormalLightingConfigureInfo	Control parameters for detecting low brightness and overexposure of video.
CrashScreenConfigure	CrashScreenConfigureInfo	Control parameters for detecting video crash.
BlackWhiteEdgeConfigure	BlackWhiteEdgeConfigureInfo	Control parameters for detecting video black edges, white edges, black screen, and white screen.
NoiseConfigure	NoiseConfigureInfo	Control parameters for detecting video noise.
MosaicConfigure	MosaicConfigureInfo	Control parameters for detecting video mosaic.
QRCodeConfigure	QRCodeConfigureInfo	Control parameters for QR code detection in video.
QualityEvaluationConfigure	QualityEvaluationConfigureInfo	Control parameters for video quality evaluation.
VoiceConfigure	VoiceConfigureInfo	Control parameters for audio (mutes, bass, blast sound).
CreateTime	String	Template Creation Time, using ISO date format.
UpdateTime	String	Template Modification time, using ISO date format.

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Quic

QUIC configuration item

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Quic function configuration switch, the values u200bu200bare: • on: on; • off: off.

RebuildAudioInfo

The audio remaster parameters.

Used by actions: CreateEnhanceMediaTemplate, CreateRebuildMediaTemplate, DescribeEnhanceMediaTemplates, DescribeRebuildMediaTemplates, ModifyEnhanceMediaTemplate, ModifyRebuildMediaTemplate.

Name	Type	Required	Description
AudioDenoiseInfo	AudioDenoiseInfo	No	The noise removal parameters. Note: This field may return null, indicating that no valid values can be obtained.

RebuildMediaOutputConfig

The parameters for the output file of a remaster task.

Used by actions: EnhanceMediaByTemplate, RebuildMediaByTemplate.

Name	Type	Required	Description
MediaName	String	No	The filename. This parameter can contain up to 64 characters, and will be generated by the system if it is left empty.
ClassId	Integer	No	The ID of the file's category. You can use the CreateClass API to create a category and get the category ID. • The default value is `0` , which means the "Other" category.
ExpireTime	String	No	The expiration time of the output file, in ISO date format. The file will be deleted after the specified expiration time. By default, the file will never

			expire.

RebuildMediaTargetAudioStream

The output audio parameters of an audio/video remastering task.

Used by actions: CreateEnhanceMediaTemplate, CreateRebuildMediaTemplate, DescribeEnhanceMediaTemplates, DescribeRebuildMediaTemplates, ModifyEnhanceMediaTemplate, ModifyRebuildMediaTemplate, RebuildMedia.

Name	Type	Required	Description
Codec	String	No	The audio codec. If `Container` is `mp3` , the valid value is: • `libmp3lame` If `Container` is `ogg` or `flac` , the valid value is: • `flac` If `Container` is `m4a` , the valid values are: • `libfdk_aac` • `libmp3lame` • `ac3` If `Container` is `mp4` or `flv` , the valid values are: • `libfdk_aac` (Recommended for MP4) • `libmp3lame` (Recommended for FLV) • `mp2` If `Container` is `hls` , the valid value is: • `libfdk_aac`
Bitrate	Integer	No	The audio bitrate, in Kbps. Value range: 0 and 26-256. If the value is `0` , the original audio bitrate will be used.
SampleRate	Integer	No	The audio sample rate. Valid values: • `32000` • `44100` • `48000` Unit: Hz.
AudioChannel	Integer	No	The audio channels. Valid values:

			• `1` : Mono-channel • `2` : Dual-channel • `6` : Stereo You cannot set this parameter to `6` if the container format is an audio format (FLAC, OGG, MP3, M4A). Default value: `2` .

RebuildMediaTargetInfo

The parameters of an audio/video remastering output file.

Used by actions: DescribeTaskDetail, PullEvents, RebuildMedia.

Name	Type	Required	Description
MediaName	String	No	The filename. This parameter can contain up to 64 characters, and will be generated by the system if it is left empty.
Description	String	No	The description (up to 128 characters). If you do not specify this, the description will be empty.
ClassId	Integer	No	The ID of the file's category. You can use the CreateClass API to create a category and get the category ID. • The default value is `0` , which means the "Other" category.
ExpireTime	String	No	The expiration time of the output file, in ISO date format. The file will be deleted after the specified expiration time. By default, the file will never expire.
Container	String	No	The output container format. Valid values: `mp4` (default), `flv` , `hls` .
VideoStream	RebuildMediaTargetVideoStream	No	The output video parameters.
AudioStream	RebuildMediaTargetAudioStream	No	The output audio parameters.
RemoveVideo	Integer	No	Whether to remove video data. Valid values:

			• `0` : No • `1` : Yes Default value: `0` .
RemoveAudio	Integer	No	Whether to remove audio data. Valid values: • `0` : No • `1` : Yes Default value: `0` .

RebuildMediaTargetVideoStream

The output video parameters of an audio/video remastering task.

Used by actions: CreateEnhanceMediaTemplate, CreateRebuildMediaTemplate, DescribeEnhanceMediaTemplates, DescribeRebuildMediaTemplates, ModifyEnhanceMediaTemplate, ModifyRebuildMediaTemplate, RebuildMedia.

Name	Type	Required	Description
Codec	String	No	The video codec. Valid values: • `libx264` : H.264 • `libx265` : H.265 • `av1` : AOMedia Video 1 The default codec is H.264.
Bitrate	Integer	No	The video bitrate (Kbps). Value range: 0 and 128-35000. If the value is `0` , the original video bitrate will be used.
Fps	Integer	No	The video frame rate (Hz). Value range: 0-100. If the value is `0` , the original video frame rate will be used.
ResolutionAdaptive	String	No	Resolution adaption. Valid values: • `open` : Enable. When resolution adaption is enabled, `Width` indicates the long side of a video, while `Height` indicates the short side. • `close` : Disable. When resolution adaption is disabled, `Width` indicates the width of a video, while `Height` indicates the height.

			Default value: `open` .
Width	Integer	No	The maximum video width (or long side) in pixels. Value range: 0 and 128-4096. • If both `Width` and `Height` are `0` , the original resolution will be used. • If `Width` is 0 and `Height` is not, the video width will be proportionally scaled. • If `Width` is not 0 and `Height` is, the video height will be proportionally scaled. • If neither `Width` nor `Height` is 0, the specified width and height will be used. Default value: `0` .
Height	Integer	No	The maximum video width (or short side) in pixels. Value range: 0 and [128, 4096]. • If both `Width` and `Height` are `0` , the original resolution will be used. • If `Width` is 0 and `Height` is not, the video width will be proportionally scaled. • If `Width` is not 0 and `Height` is, the video height will be proportionally scaled. • If neither `Width` nor `Height` is 0, the specified width and height will be used. Default value: `0` .
FillType	String	No	The fill mode, which indicates how a video is resized when the video's original aspect ratio is different from the target aspect ratio. Valid values: • `stretch` : Stretch the image frame by frame to fill the entire screen. The video image may become "squashed" or "stretched" after transcoding. • `black` : Keep the image's original aspect ratio and fill the blank space with black bars. Default value: `stretch` .
Gop	Integer	No	The number of frames between two I-frames. Valid values: 0

			and 1-100000. If this parameter is `0` or left empty, the interval will be determined by the system.

RebuildMediaTask

The information of an audio/video remastering task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	The task ID.
Status	String	The task flow status. Valid values: • `PROCESSING` • `FINISH`
ErrCode	Integer	The error code. `0` indicates the task is successful. Other values indicate that the task failed. • `40000` : Invalid input parameter. • `60000` : Source file error (e.g., video data is corrupted). • `70000` : Internal server error. Please try again.
Message	String	The error message.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; other values indicate that the task failed. For details, see Video processing error codes.
Progress	Integer	The task progress. Value range: 0-100.
Input	RebuildMediaTaskInput	The input parameters of the audio/video remastering task. Note: This field may return null, indicating that no valid values can be obtained.
Output	RebuildMediaTaskOutput	The output parameters of the audio/video remastering task. Note: This field may return null, indicating that no valid values can be obtained.
MetaData	MediaMetaData	The metadata of the output file. Note: This field may return null, indicating that no valid values can be obtained.
SessionId	String	The session ID, which is used for de-duplication. If there was a

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		request with the same session ID in the last seven days, an error will be returned for the current request. The session ID can contain up to 50 characters. If you do not pass this parameter or pass in an empty string, duplicate sessions will not be identified.
SessionContext	String	The source context, which is used to pass through user request information. The `ProcedureStateChanged` callback will return the value of this parameter. It can contain up to 1,000 characters.

RebuildMediaTaskInput

The input parameters of an audio/video remastering task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
FileId	String	The file ID.
StartTimeOffset	Float	The start offset (seconds). If you do not specify this, the segment will start from the beginning of the video.
EndTimeOffset	Float	The end offset (seconds). If you do not specify this, the segment will end at the end of the video.
Definition	Integer	The ID of the remaster template.
RepairInfo	RepairInfo	The video quality remastering parameters.
VideoFrameInterpolationInfo	VideoFrameInterpolationInfo	The smart frame interpolation parameters.
SuperResolutionInfo	SuperResolutionInfo	The super resolution parameters.
HDRInfo	HDRInfo	The high dynamic range (HDR) parameters.
VideoDenoiseInfo	VideoDenoiseInfo	The image noise removal parameters.
AudioDenoiseInfo	AudioDenoiseInfo	The noise removal parameters.
ColorInfo	ColorEnhanceInfo	The color enhancement parameters.
SharpInfo	SharpEnhanceInfo	The detail enhancement parameters.

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FaceInfo	FaceEnhanceInfo	The face enhancement parameters.
LowLightInfo	LowLightEnhanceInfo	The low-light enhancement parameters.
ScratchRepairInfo	ScratchRepairInfo	The banding removal parameters.
ArtifactRepairInfo	ArtifactRepairInfo	The artifact removal (smoothing) parameters.
TargetInfo	RebuildMediaTargetInfo	The output parameters of the file.

RebuildMediaTaskOutput

The output parameters of an audio/video remastering task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
FileType	String	The file type, such as MP4 and FLV.
FileUrl	String	The playback URL of the output file.
FileId	String	The file ID.
MediaName	String	The filename. This parameter can contain up to 64 characters, and will be generated by the system if it is left empty.
ClassId	Integer	The ID of the file's category. You can use the CreateClass API to create a category and get the category ID. • The default value is `0` , which means the "Other" category.
ExpireTime	String	The expiration time of the output file, in ISO date format. The file will be deleted after the specified expiration time. By default, the file will never expire.

RebuildMediaTemplate

The details of a remaster template.

Used by actions: DescribeEnhanceMediaTemplates, DescribeRebuildMediaTemplates.

Name	Type	Description
Definition	Integer	The remaster template ID.

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Type	String	The template type. Valid values: • `Preset` • `Custom`
Name	String	The remaster template name.
Comment	String	The template description.
RebuildVideoInfo	RebuildVideoInfo	The video remaster parameters. Note: This field may return null, indicating that no valid values can be obtained.
RebuildAudioInfo	RebuildAudioInfo	The audio remaster parameters. Note: This field may return null, indicating that no valid values can be obtained.
TargetVideoInfo	RebuildMediaTargetVideoStream	The output video parameters. Note: This field may return null, indicating that no valid values can be obtained.
TargetAudioInfo	RebuildMediaTargetAudioStream	The output audio parameters. Note: This field may return null, indicating that no valid values can be obtained.
Container	String	The output file format. Valid values: `mp4` (default), `hls`.
RemoveVideo	Integer	Whether to remove video data. Valid values: • `0`: No • `1`: Yes Default value: 0.
RemoveAudio	Integer	Whether to remove audio data. Valid values: • `0`: No • `1`: Yes Default value: 0.
CreateTime	String	The template creation time in ISO date format.
UpdateTime	String	The last updated time of the template in ISO date format.

RebuildVideoInfo

The video remaster parameters.

Used by actions: CreateEnhanceMediaTemplate, CreateRebuildMediaTemplate, DescribeEnhanceMediaTemplates, DescribeRebuildMediaTemplates, ModifyEnhanceMediaTemplate, ModifyRebuildMediaTemplate.

Name	Type	Required	Description
RepairInfo	RepairInfo	No	The image restoration parameters. Note: This field may return null, indicating that no valid values can be obtained.
VideoFrameInterpolationInfo	VideoFrameInterpolationInfo	No	The smart frame interpolation parameters. Note: This field may return null, indicating that no valid values can be obtained.
SuperResolutionInfo	SuperResolutionInfo	No	The super resolution parameters. Note: This field may return null, indicating that no valid values can be obtained.
HDRInfo	HDRInfo	No	The high dynamic range (HDR) configuration. Note: This field may return null, indicating that no valid values can be obtained.
VideoDenoiseInfo	VideoDenoiseInfo	No	The image noise removal parameters. Note: This field may return null, indicating that no valid values can be obtained.
ColorInfo	ColorEnhanceInfo	No	The color enhancement parameters. Note: This field may return null, indicating that no valid values can be obtained.
SharpInfo	SharpEnhanceInfo	No	The detail enhancement parameters. Note: This field may return null, indicating that no valid values can be obtained.

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FaceInfo	FaceEnhanceInfo	No	The face enhancement parameters. Note: This field may return null, indicating that no valid values can be obtained.
LowLightInfo	LowLightEnhanceInfo	No	The low-light enhancement parameters. Note: This field may return null, indicating that no valid values can be obtained.
ScratchRepairInfo	ScratchRepairInfo	No	The banding removal parameters. Note: This field may return null, indicating that no valid values can be obtained.
ArtifactRepairInfo	ArtifactRepairInfo	No	The artifact removal parameters. Note: This field may return null, indicating that no valid values can be obtained.

ReduceMediaBitrateAdaptiveDynamicStreamingResult

The information of an adaptive bitrate (bitrate reduction) task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	The task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; other values indicate that the task failed. For details, see Video processing error codes.
Message	String	The error message.
Input	AdaptiveDynamicStreamingTaskInput	The input of an adaptive bitrate task.
Output	AdaptiveDynamicStreamingInfoItem	The output of an adaptive bitrate task.

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ReduceMediaBitrateMediaProcessTaskResult

The result of a bitrate reduction task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Type	String	The task type. Vali • Transcode • AdaptiveDynan
TranscodeTask	ReduceMediaBitrateTranscodeResult	The result of a trar This parameter is `Transcode` . Note: This field ma indicating that no obtained.
AdaptiveDynamicStreamingTask	ReduceMediaBitrateAdaptiveDynamicStreamingResult	The result of an ac task. This parame `Type` is `AdaptiveDyna` Note: This field ma indicating that no obtained.

ReduceMediaBitrateTask

The information of a bitrate reduction task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	The task ID.
Status	String	The task flow status. Valid values: • PROCESSING • FINISH
FileId	String	The ID of the media file.

FileName	String	The name of the media file.
FileUrl	String	The address of the media file.
MetaData	MediaMetaData	The metadata of the source video. Note: This field may return null, indicating that no valid values can be obtained.
MediaProcessResultSet	Array of ReduceMediaBitrateMediaProcessTaskResult	The execution status and result of the bitrate reduction task.
TasksPriority	Integer	The task priority, which can be a value from -10 to 10.
TasksNotifyMode	String	The notification mode for the change of task status. Valid values: • Finish: Send a notification after the task is completed. • None: Do not send status change notifications for this task.
SessionContext	String	The source context, which is used to pass through user request information. The `ProcedureStateChanged` callback will return the value of this parameter. It can contain up to 1,000 characters.
SessionId	String	The session ID, which is used for de-duplication. If there was a request with the same session ID in the last seven days, an error will be returned for the current request. The session ID can contain up to 50 characters. If you do not pass this parameter or pass in an empty string, duplicate sessions will not be identified.

ReduceMediaBitrateTranscodeResult

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The information of a transcoding (bitrate reduction) task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Status	String	The task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; other values indicate that the task failed. For details, see Video processing error codes.
Message	String	The error message.
Input	TranscodeTaskInput	The input of a transcoding task.
Output	MediaTranscodeItem	The output of a transcoding task. Note: This field may return null, indicating that no valid values can be obtained.
Progress	Integer	The transcoding progress. Value range: 0-100.
BeginProcessTime	String	The start time of the transcoding task, in ISO date format.
FinishTime	String	The end time of the transcoding task, in ISO date format.

Referer

Referer blacklist/whitelist configuration. This is disabled by default.

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	referer Blacklist and whitelist configuration switch, value: • on: on; • off: off.
RefererRules	Array of RefererRule	No	Referer blacklist/whitelist configuration rule

RefererAuthPolicy

Referer hotlink protection configuration

Used by actions: DescribeVodDomains, ModifyVodDomainConfig.

Name	Type	Required	Description
Status	String	Yes	Referer hotlink protection status. Valid values: • Enabled • Disabled
AuthType	String	No	Referer authentication method. Valid values: • `Black` : blocklist. Any HTTP request carrying a referer in the `Referers` list will be rejected. • `White` : allowlist. Only HTTP requests carrying referers in the `Referers` list will be accepted. When `Status` is set to `Enabled` , `AuthType` must be specified.
Referers	Array of String	No	The list of referers (up to 20). When `Status` is set to `Enabled` , `Referers` cannot be empty. Enter domain names as referers.
BlankRefererAllowed	String	No	Whether to allow requests with empty referer to access this domain name. Valid values: • `Yes` • `No` When `Status` is set to `Enabled` , `BlankRefererAllowed` must be specified.

RefererRule

Referer blacklist/whitelist configuration rules, which is effective for specific resources.

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
RuleType	String	Yes	Rule type: • all: valid for all files; • file: valid for specified file suffix; • directory: valid for specified path; • path: specified absolute The path takes effect.
RulePaths	Array of	Yes	Matching content under the corresponding type of RuleType:

	String		• Fill in * when all is used; • Fill in suffix name when file is used, such as jpg, txt; • Fill in path when directory is used, such as /xxx/ test/; • Fill in the absolute path when path is specified, such as /xxx/test.html.
RefererType	String	Yes	rferer configuration type, value: • whitelist: whitelist; • blacklist: blacklist.
Referers	Array of String	Yes	Referer content list
AllowEmpty	Boolean	Yes	Whether to allow empty referers: When the anti-hotlinking type is whitelist, true means that empty referers are allowed, false means that empty referers are not allowed; when the anti-hotlinking type is blacklist, true means that empty referers are rejected, and false means that empty referers are not rejected.

RemoveWaterMarkTaskInput

The input of a watermark removal task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
FileId	String	The ID of the media file.

RemoveWaterMarkTaskOutput

The output of a watermark removal task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
FileId	String	The file ID.
FileType	String	The file type, such as MP4 or MP3.
FileUrl	String	The playback URL of the output file.

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MediaName	String	The filename, which can be up to 64 characters long.
MetaData	MediaMetaData	The metadata of the video, including size, duration, video stream information, and audio stream information.

RemoveWatermarkTask

The information of a watermark removal task. This parameter is valid only if `TaskType` is `RemoveWatermark`.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	The task ID.
Status	String	The task flow status. Valid values: • PROCESSING • FINISH
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video processing error codes.
ErrCode	Integer	Error code. 0: Successful; other values: Failed. • 40000: Invalid input parameter. • 60000: Source file error (e.g., video data is corrupted). • 70000: Internal server error. Please try again.
Message	String	The error message.
Input	RemoveWaterMarkTaskInput	The input of a watermark removal task. Note: This field may return null, indicating that no valid values can be obtained.
Output	RemoveWaterMarkTaskOutput	The output of a watermark removal task. Note: This field may return null, indicating that no valid values can be obtained.
SessionId	String	The session ID, which is used for de-duplication. If there was a request with the same session ID in the last seven days, an error will be returned for the current request. The session ID can contain up to 50 characters. If you do not pass this parameter or pass in an empty string, duplicate sessions will not be identified.

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SessionContext	String	The source context, which is used to pass through user request information. The `ProcedureStateChanged` callback will return the value of this parameter. It can contain up to 1,000 characters.

RepairInfo

The video quality remastering parameters.

Used by actions: CreateEnhanceMediaTemplate, CreateRebuildMediaTemplate, DescribeTaskDetail, ModifyEnhanceMediaTemplate, ModifyRebuildMediaTemplate, PullEvents, RebuildMedia.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable video quality remastering. Valid values: • `ON` • `OFF`
Type	String	No	The video quality remastering type. This parameter is valid only if `Switch` is `ON` . • `weak` • `normal` • `strong` Default value: `weak` .

RequestHeader

Custom request header configuration. This is disabled by default.

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Custom request header configuration switch, the values u200bu200bare: • on: on; • off: off.
HeaderRules	Array of HttpHeaderPathRule	No	Custom request header configuration rules

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ResolutionNameInfo

Player substream name information

Used by actions: CreateSuperPlayerConfig, DescribeSuperPlayerConfigs, ModifySuperPlayerConfig.

Name	Type	Required	Description
MinEdgeLength	Integer	Yes	Length of video short side in px.
Name	String	Yes	Display name.

ResourceTag

Tag key value. For details, see Tags.

Used by actions: DescribeSubAppIds.

Name	Type	Required	Description
TagKey	String	Yes	Tag key.
TagValue	String	Yes	Tag value.

ResponseHeader

Custom response header configuration. This is disabled by default.

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Custom response header configuration switch, the values u200bu200bare: • on: on; • off: off.
HeaderRules	Array of HttpHeaderPathRule	No	Custom response header rules

RestoreMediaTask

Video retrieval task information

Used by actions: PullEvents.

Name	Type	Description
FileId	String	File ID
OriginalStorageClass	String	Original storage class
TargetStorageClass	String	Target storage class. For temporary retrieval, the target storage class is the same as the original.
RestoreTier	String	Retrieval mode. Valid values: • Expedited • Standard • Bulk
RestoreDay	Integer	Validity period (days) for a temporary copy. `0` indicates permanent retrieval.
Status	Integer	This field has been disused.
Message	String	This field has been disused.

ReviewAudioVideoSegmentItem

The suspicious segment detected.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
StartTimeOffset	Float	The start time offset (seconds) of the segment.
EndTimeOffset	Float	The end time offset (seconds) of the segment.
Confidence	Float	The confidence score of the segment.
Suggestion	String	The processing suggestion for the segment. Valid values: • review: The content may be non-compliant. Please review it. • block: The content is non-compliant. We recommend you block it.
Label	String	The most likely label for the segment. Valid values: • Porn • Terrorism

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SubLabel	String	The sublabel for the segment. This parameter is valid only if `Form` is `Image` or `Voice`. Valid values when `Form` is `Image` and `Label` is `Porn`: • porn • vulgar Valid values when `Form` is `Image` and `Label` is `Terrorism`: • guns • bloody • banners • scenario (terrorist scenes) • explosion Valid values when `Form` is `Voice` and `Label` is `Porn`: • moan
Form	String	The format of the suspicious segment detected. Valid values: • Image • OCR • ASR • Voice
AreaCoordSet	Array of Integer	The pixel coordinates ([x1, y1, x2, y2]) of the top-left corner and bottom-right corner of the suspicious text. This parameter is valid only if `Form` is `OCR`. Note: This parameter is not supported currently.
Text	String	The content of the suspicious text detected. This parameter is valid only if `Form` is `OCR` or `ASR`.
KeywordSet	Array of String	The keywords that match the suspicious text. This parameter is valid only if `Form` is `OCR` or `ASR`.
Url	String	The URL of a suspected image (which will be deleted after `PicUrlExpireTime`).
PicUrlExpireTime	String	The expiration time of the suspected image URL in ISO date format.

ReviewAudioVideoTask

The information of a moderation task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	The task ID.
Status	String	The task status. Valid values: • PROCESSING • FINISH
ErrCodeExt	String	The error code. An empty string indicates the task is successful; other values indicate that the task failed. For details, see Video processing error codes.
Message	String	The error message.
Input	ReviewAudioVideoTaskInput	The input of a moderation task. Note: This field may return `null`, indicating that no valid values can be obtained.
Output	ReviewAudioVideoTaskOutput	The output of a moderation task. Note: This field may return null, indicating that no valid values can be obtained.
SessionId	String	The session ID, which is used for de-duplication. If there was a request with the same session ID in the last seven days, an error will be returned for the current request. The session ID can contain up to 50 characters. If you do not pass this parameter or pass in an empty string, duplicate sessions will not be identified.
SessionContext	String	The source context, which is used to pass through user request information. The `ReviewAudioVideoComplete` callback will return the value of this parameter. It can contain up to 1,000 characters.

ReviewAudioVideoTaskInput

The input of a moderation task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description

FileId	String	The ID of the media file.
Definition	Integer	The moderation template ID.
ReviewContents	Array of String	The type of moderated content. Valid values: • `Media` : The original audio/video. • `Cover` : Thumbnails.

ReviewAudioVideoTaskOutput

The output of a moderation task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Suggestion	String	The handling suggestion. Valid values: • pass • review • block
Label	String	The most likely label for the suspicious content. This parameter is valid only if `Suggestion` is `review` or `block` . • Porn • Terrorism
Form	String	The most likely format of the suspicious content. This parameter is valid only if `Suggestion` is `review` or `block` . • Image • OCR • ASR • Voice
SegmentSet	Array of ReviewAudioVideoSegmentItem	A list of the suspicious segments detected. Note: Only the first 10 results will be returned at most. You can get all the results from the file specified by `SegmentSetFileUrl` .
SegmentSetFileUrl	String	The URL of the file that contains

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		suspicious segments. The file is in JSON format and has the same data structure as `SegmentSet`. Instead of being saved permanently, the file is deleted upon the expiration time (`SegmentSetFileUrlExpireTime`).
SegmentSetFileUrlExpireTime	String	The expiration time of the file that contains suspicious segments, in ISO date format.
CoverReviewResult	ReviewImageResult	The thumbnail moderation result. Note: This field may return null, indicating that no valid values can be obtained.

ReviewImageResult

Image moderation results.

Used by actions: DescribeTaskDetail, PullEvents, ReviewImage.

Name	Type	Description
Suggestion	String	The suggestion. Valid values: • pass • review • block
Label	String	The most likely label for the suspicious content. This parameter is valid if `Suggestion` is `review` or `block`. Valid values: • `Porn` • `Terror`
Form	String	The most likely type of the suspicious content. This parameter is valid only if `Suggestion` is `review` or `block`. • `Image` (people or icons in images) • `OCR` (text in images)
SegmentSet	Array of ReviewImageSegmentItem	A list of the suspicious segments detected. Note: Only the first 10 results will be returned at most. You can get all the results from the file specified by `SegmentSetFileUrl`.

SegmentSetFileUrl	String	The URL of the file that contains suspicious segments. The file is in JSON format and has the same data structure as `SegmentSet`. Instead of being saved permanently, the file is deleted upon the expiration time (`SegmentSetFileUrlExpireTime`).
SegmentSetFileUrlExpireTime	String	The expiration time of the file that contains suspicious segments, in ISO date format.

ReviewImageSegmentItem

The information of an image moderation segment.

Used by actions: ReviewImage.

Name	Type	Description
Confidence	Float	The confidence score for the suspicious segment.
Suggestion	String	The suggestion. Valid values: • `review`: The content may be non-compliant and needs to be reviewed. • `block`: The content is non-compliant and should be blocked.
Label	String	The most likely label for the suspicious content. Valid values: • `Porn` • `Terror`
SubLabel	String	The sub-label.
Form	String	The type of the suspicious segment. Valid values: • `Image` (people or icons in images) • `OCR` (text in images)
AreaCoordSet	Array of Integer	The pixel coordinates of the suspicious people, icons, or text. The format is [x1, y1, x2, y2], which indicates the coordinates of the top-left and bottom-right corners.
Text	String	The content of the suspicious text detected. This parameter is valid only if `Form` is `OCR`.
KeywordSet	Array of String	The keywords that match the suspicious text. This parameter is valid only if `Form` is `OCR`.

ReviewInfo

Moderation details.

Used by actions: DescribeMediaInfos, SearchMedia.

Name	Type	Description
Definition	Integer	The moderation template ID.
Suggestion	String	The suggestion. Valid values: • pass • review • block
TypeSet	Array of String	The moderation type in the format of `Form.Label`. This parameter is valid if `Suggestion` is `review` or `block`. `Form` indicates the type of inappropriate content detected. Valid values: • `Image` (people or icons in images) • `OCR` (text in images) • `ASR` (speech) • `Voice` `Label` indicates the violation label. Valid values: • `Porn` (pornographic content) • `Terror` (terrorist content) • `Polity` (politically sensitive content) • `Ad` (advertisement) • `Illegal` (illegal content) • `Abuse` • `Moan`
ReviewTime	String	The moderation time in ISO date format.

ReviewTemplate

The details of a moderation template.

Used by actions: DescribeReviewTemplates.

Name	Type	Description
Definition	Integer	The unique ID of the moderation template.

Name	String	The template name.
Comment	String	The template description.
Type	String	The template type. Valid values: • Preset • Custom
Labels	Array of String	The violation labels used.
CreateTime	String	The template creation time in ISO date format.
UpdateTime	String	The last updated time of the template in ISO date format.

RoundPlayFilePlayInfo

Playlist Program Playback Information

Used by actions: DescribeCurrentPlaylist.

Name	Type	Description
ItemId	String	Playlist program id, assigned by the system.
FileId	String	The media file id.
StartPlayTime	String	The playback start time, in iso 8601 date format.
Duration	Float	Playback duration, in seconds. Note: this field may return null, indicating that no valid value was found.
Progress	Float	Playback progress, in seconds. Note: this field may return null, indicating that no valid value was found.

RoundPlayInfo

The information of a playlist.

Used by actions: DescribeRoundPlays.

Name	Type	Description
RoundPlayId	String	The playlist ID.

StartTime	String	The playback start time, in ISO 8601 date format.
RoundPlaylist	Array of RoundPlayListItemInfo	The files on the list.
Name	String	The playlist name (not longer than 64 characters).
Desc	String	The playlist description (not longer than 256 characters).
Status	String	Playback status, optional values: • Enabled: startup status; • Disabled: stop status. Default value: Enabled.
PlayBackMode	String	Play mode, optional values: • Loop: Play the playlist in a loop; • Linear: Play once, stop playing after the playlist is played. Default value: Loop.
Url	String	Carousel playback address.
CreateTime	String	Creation time, in iso 8601 format. for details, see iso date format.
UpdateTime	String	Update time, in iso 8601 format. for details, see iso date format.
ExpiredTime	String	Expiration time, in iso 8601 format. for details, see iso date format. the playback of the playlist will stop after expiration. "9999-12-31t23:59:59+08:00" means never expire.

RoundPlayListItemInfo

Carousel program information

Used by actions: CreateRoundPlay, DescribeRoundPlays, HandleCurrentPlaylist, ModifyRoundPlay.

Name	Type	Required	Description
FileId	String	Yes	The file ID.
AudioVideoType	String	Yes	The type of the media played. Valid values: • `Transcode` : A transcoding output. Because a file may be bound to multiple transcoding templates, you need to specify `Definition` if the type is `Transcode` . • `Original` : The original file.

			The file must be in HLS format.
ItemId	String	No	ID of the program to be played, assigned by the system.
Definition	Integer	No	The transcoding template to be played is specified. this parameter is required if `audiovideotype` is `transcode`.

RuleCache

Branch path cache configuration. The default cache expiration for all files is 30 days.

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
RuleType	String	Yes	Rule type: • all: valid for all files; • file: valid for specified file suffix; • directory: valid for specified path; • path: specified absolute The path takes effect.
RulePaths	Array of String	Yes	Matching content under the corresponding type of RuleType: • Fill in * when all is used; • Fill in suffix name when file is used, such as jpg, txt; • Fill in path when directory is used, such as /xxx/ test/; • Fill in the absolute path when path is specified, such as /xxx/test.html.
CacheConfig	RuleCacheConfig	Yes	Cache configuration

RuleCacheConfig

Path cache cache configuration (select one of the three cache modes)

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Cache	CacheConfigCache	No	Cache configuration. Note: This field may return null, indicating that no valid value can be obtained.

NoCache	CacheConfigNoCache	No	Configuration is not cached. Note: This field may return null, indicating that no valid value can be obtained.
FollowOrigin	CacheConfigFollowOrigin	No	Follow the origin configuration. Note: This field may return null, indicating that no valid value can be obtained.

SDMCDrmKeyProviderInfo

The DRM key information provided by SDMC.

Used by actions: DescribeDrmKeyProviderInfo, SetDrmKeyProviderInfo.

Name	Type	Required	Description
Uid	String	Yes	The user ID assigned by SDMC, which can contain up to 128 characters.
SecretId	String	Yes	The secret ID assigned by SDMC, which can contain up to 128 characters.
SecretKey	String	Yes	The secret key assigned by SDMC, which can contain up to 128 characters.
FairPlayCertificateUrl	String	Yes	The URL of the FairPlay certificate issued by SDMC. It must be an HTTPS address and can contain up to 1,024 characters.

SampleSnapshotTaskInput

Input parameter type of sampling screencapturing task

Used by actions: CreateProcedureTemplate, DescribeTaskDetail, ProcessMedia, PullEvents, ResetProcedureTemplate.

Name	Type	Required	Description
Definition	Integer	Yes	Sampled screencapturing template ID.
WatermarkSet	Array of WatermarkInput	No	List of up to 10 image or text watermarks. Note: this field may return null, indicating that no valid values can be obtained.

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SampleSnapshotTemplate

Details of a sampled screencapturing template

Used by actions: DescribeSampleSnapshotTemplates.

Name	Type	Description
Definition	Integer	Unique ID of a sampled screencapturing template.
Type	String	Template type. Valid values: • Preset: preset template; • Custom: custom template.
Name	String	Name of a sampled screencapturing template.
Comment	String	Template description.
Width	Integer	Maximum value of the width (or long side) of a screenshot in px. Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
Height	Integer	Maximum value of the height (or short side) of a screenshot in px. Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
ResolutionAdaptive	String	Resolution adaption. Valid values:

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		• open: enabled. In this case, `Width` represents the long side of a video, while `Height` the short side; • close: disabled. In this case, `Width` represents the width of a video, while `Height` the height. Default value: open.
Format	String	Image format.
SampleType	String	Sampled screencapturing type.
SampleInterval	Integer	Sampling interval.
CreateTime	String	Creation time of template in ISO date format.
UpdateTime	String	Last modified time of template in ISO date format.
FillType	String	The fill mode, or the way of processing a screenshot when the configured aspect ratio is different from that of the source video. Valid values: • stretch: Stretch the image frame by frame to fill the entire screen. The video image may become "squashed" or "stretched" after transcoding. • black: Keep the image's original aspect ratio and fill the blank space with black bars. • white: Keep the image’s original aspect ratio and fill the blank space with white bars. • gauss: Keep the image’s original aspect ratio and apply Gaussian blur to the blank space. Default value: black.

ScratchRepairInfo

Banding removal configuration.

Used by actions: CreateEnhanceMediaTemplate, CreateRebuildMediaTemplate, DescribeTaskDetail, ModifyEnhanceMediaTemplate, ModifyRebuildMediaTemplate, PullEvents, RebuildMedia.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable banding removal. Valid values: • `ON` • `OFF`
Intensity	Float	No	The banding removal strength. Value range: 0.0 – 1.0. This parameter is valid only if `Switch` is `ON` .

			Default value: `0.0` .
Type	String	No	The banding removal type. This parameter is valid only if `Switch` is `ON` . Valid values: • `normal` Default value: `normal` .

SegmentConfigureInfo

Control parameter of video splitting recognition task

Used by actions: CreateAIRecognitionTemplate, DescribeAIRecognitionTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of video splitting recognition task. Valid values: • ON: enables intelligent video splitting recognition task; • OFF: disables intelligent video splitting recognition task.

SegmentConfigureInfoForUpdate

Control parameter of video splitting recognition task

Used by actions: ModifyAIRecognitionTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of video splitting recognition task. Valid values: • ON: enables intelligent video splitting recognition task; • OFF: disables intelligent video splitting recognition task.

SharpEnhanceInfo

Detail enhancement configuration.

Used by actions: CreateEnhanceMediaTemplate, CreateRebuildMediaTemplate, DescribeTaskDetail, ModifyEnhanceMediaTemplate, ModifyRebuildMediaTemplate, PullEvents, RebuildMedia.

Name	Type	Required	Description

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Switch	String	Yes	Whether to enable detail enhancement. Valid values: • `ON` • `OFF`
Intensity	Float	No	The detail enhancement strength. Value range: 0.0 – 1.0. This parameter is valid only if `Switch` is `ON` . Default value: `0.0` .

SnapshotByTimeOffset2017

Screencapturing output information (v2017)

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
ErrCode	Integer	Error code • 0: success; • Other values: failure. Note: this field may return null, indicating that no valid values can be obtained.
TimeOffset	Integer	Specific time point of screenshot in milliseconds. Note: this field may return null, indicating that no valid values can be obtained.
Url	String	Address of output screenshot file. Note: this field may return null, indicating that no valid values can be obtained.

SnapshotByTimeOffsetTask2017

The details of a time point screenshot task. This parameter is only valid for the v2017 time point screenshot API.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	Screencapturing task ID.
FileId	String	Screenshot file ID.
Definition	Integer	screenshot specification. For more information, please see Parameter Template for Time Point Screencapturing.

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SnapshotInfoSet	Array of SnapshotByTimeOffset2017	Result information of screencapturing.

SnapshotByTimeOffsetTaskInput

Input parameter type of time point screencapturing task

Used by actions: CreateProcedureTemplate, DescribeTaskDetail, ProcessMedia, PullEvents, ResetProcedureTemplate.

Name	Type	Required	Description
Definition	Integer	Yes	Time point screencapturing template ID.
ExtTimeOffsetSet	Array of String	No	The list of screenshot time points. “s” and “%” formats are supported: • When a time point string ends with “s”, its unit is second. For example, “3.5s” means the 3.5th second of the video. • When a time point string ends with “%”, it represents the percentage of the video’s duration. For example, “10%” means that the time point is at the 10% of the video’s entire duration.
TimeOffsetSet	Array of Float	No	List of time points for screencapturing in milliseconds. Note: this field may return null, indicating that no valid values can be obtained.
WatermarkSet	Array of WatermarkInput	No	List of up to 10 image or text watermarks. Note: this field may return null, indicating that no valid values can be obtained.

SnapshotByTimeOffsetTemplate

Details of a specified time point screencapturing template

Used by actions: DescribeSnapshotByTimeOffsetTemplates.

Name	Type	Description
Definition	Integer	Unique ID of a specified time point screencapturing template.
Type	String	Template type. Valid values:

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		• Preset: preset template; • Custom: custom template.
Name	String	Name of a specified time point screencapturing template.
Comment	String	Template description.
Width	Integer	Maximum value of the width (or long side) of a screenshot in px. Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
Height	Integer	Maximum value of the height (or short side) of a screenshot in px. Value range: 0 and [128, 4,096]. • If both `Width` and `Height` are 0, the resolution will be the same as that of the source video; • If `Width` is 0, but `Height` is not 0, `Width` will be proportionally scaled; • If `Width` is not 0, but `Height` is 0, `Height` will be proportionally scaled; • If both `Width` and `Height` are not 0, the custom resolution will be used. Default value: 0.
ResolutionAdaptive	String	Resolution adaption. Valid values: • open: enabled. In this case, `Width` represents the long side of a video, while `Height` the short side; • close: disabled. In this case, `Width` represents the width of a video, while `Height` the height. Default value: open.
Format	String	Image format.
CreateTime	String	Creation time of template in ISO date format.
UpdateTime	String	Last modified time of template in ISO date format.

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FillType	String	The fill mode, or the way of processing a screenshot when the configured aspect ratio is different from that of the source video. Valid values: • stretch: Stretch the image frame by frame to fill the entire screen. The video image may become "squashed" or "stretched" after transcoding. • black: Keep the image's original aspect ratio and fill the blank space with black bars. • white: Keep the image's original aspect ratio and fill the blank space with white bars. • gauss: Keep the image's original aspect ratio and apply Gaussian blur to the blank space. Default value: black.

SortBy

Sort by criterion

Used by actions: DescribeTasks, SearchMedia.

Name	Type	Required	Description
Field	String	Yes	Sort by field
Order	String	Yes	Sorting order. Valid values: Asc (ascending), Desc (descending)

SpecificationDataItem

Statistics of task with specified specification.

Used by actions: DescribeMediaProcessUsageData.

Name	Type	Description
Specification	String	Task specification.
Data	Array of TaskStatDataItem	Statistics.

SplitMediaOutputConfig

Information of video splitting output files.

Used by actions: DescribeTaskDetail, PullEvents, SplitMedia.

Name	Type	Required	Description
MediaName	String	No	Name of an output file. This parameter can contain up to 64 characters, and will be generated by the system if it is left empty.
Type	String	No	Output file format. Valid values: mp4 (default), hls.
ClassId	Integer	No	Category ID, which is used to categorize the media file for management. You can use CreateClass API to create a category and get the category ID. • Default value: 0, which means other categories.
ExpireTime	String	No	Expiration time of an output file. After passing the expiration time, the file will be deleted. There is no expiration time set for a file by default. The time is in ISO date format.

SplitMediaTask

Video splitting task information. This field has a value only when `TaskType` is `SplitMedia`.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	Task ID.
Status	String	Task flow status. Valid values: • PROCESSING: processing • FINISH: finished
ErrCodeExt	String	Error code. An empty string indicates the task is successful; other values indicate failure. For details, see Video Processing Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; other values indicate failure. You're not recommended to use this parameter, but to use the new parameter `ErrCodeExt`.
Message	String	Error information.
FileInfoSet	Array of SplitMediaTaskSegmentInfo	List of video splitting task details.
SessionContext	String	The source context which is used to pass through the user

		request information. The task flow status change callback will return the value of this field. It can contain up to 1000 characters.
SessionId	String	ID used for deduplication. If there was a request with the same ID in the last seven days, the current request will return an error. The ID can contain up to 50 characters. If this parameter is left empty or set to an empty string, no deduplication will be performed.
Progress	Integer	The progress of a video splitting task. Value range: 0-100.

SplitMediaTaskConfig

Video stripping task configuration information.

Used by actions: SplitMedia.

Name	Type	Required	Description
StartTimeOffset	Float	No	The offset time of the start of video stripping, unit: seconds. • Leave it blank or fill in 0, which means that the transcoded video starts from the starting position of the original video; • When the value is greater than 0 (assumed to be n), it means that after transcoding The video starts from the n-th second position of the original video; • When the value is less than 0 (assumed to be -n), it means that the transcoded video starts from the position n seconds before the end of the original video.
EndTimeOffset	Float	No	Offset time at the end of video stripping, unit: seconds. • Leave it blank or fill it in with 0, which means that the transcoded video will continue until the end of the original video; • When the value is greater than 0 (assumed to be n), it means that the transcoded video will continue until the end of the original video. The video continues until the nth second of the original video and terminates;

			• When the value is less than 0 (assumed to be -n), it means that the transcoded video continues until n seconds before the end of the original video.
ProcedureName	String	No	Task flow template name, if you want Fill in when executing the task flow on the generated new video.
OutputConfig	SplitMediaOutputConfig	No	The video is split into strips to output information.

SplitMediaTaskInput

Input information of a video splitting task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
FileId	String	Video ID.
StartTimeOffset	Float	Offset of the video splitting start time in seconds. • If this parameter is left empty or set to 0, the transcoded video will start at the same time as the original video. • If this parameter is set to a positive number (n for example), the transcoded video will start at the nth second of the original video. • If this parameter is set to a negative number (-n for example), the transcoded video will start at the nth second before the end of the original video.
EndTimeOffset	Float	Offset of the video splitting end time in seconds. • If this parameter is left empty or set to 0, the transcoded video will end at the same time as the original video. • If this parameter is set to a positive number (n for example), the transcoded video will end at the nth second of the original video. • If this parameter is set to a negative number (-n for example), the transcoded video will end at the nth second before the end of the original video.
ProcedureName	String	Task flow template name, which should be entered if you want to perform a task flow on the generated new video.
OutputConfig	SplitMediaOutputConfig	Output information of a video splitting task.

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SplitMediaTaskSegmentInfo

Information of a video splitting task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Input	SplitMediaTaskInput	Input information of a video splitting task.
Output	TaskOutputMediaInfo	Output information of a video splitting task. Note: this field may return `null` , indicating that no valid values can be obtained.
ProcedureTaskId	String	The task ID for the task type `Procedure` . If a task flow (`ProcedureName`) is specified by SplitMedia, and the task flow includes one or more of `MediaProcessTask` , `AiAnalysisTask` , and `AiRecognitionTask` , the task specified by this parameter will be executed.
ReviewAudioVideoTaskId	String	The task ID for the task type `ReviewAudioVideo` . If a task flow (`ProcedureName`) is specified by SplitMedia, and the task flow includes `ReviewAudioVideoTask` , the task specified by this parameter will be executed.

StatDataItem

Statistics

Used by actions: DescribeCDNStatDetails, DescribeCDNUsageData, DescribeClientUploadAccelerationUsageData, DescribeReviewDetails, DescribeStorageDetails.

Name	Type	Description
Time	String	Start time of data time range in ISO date format. For example, if the time granularity is 1-day, `2018-12-01T00:00:00+08:00` represents the time range between December 1, 2018 (inclusive) and December 2, 2018 (not inclusive). • For data at hourly level, `2019-08-22T00:00:00+08:00` indicates the statistics between 00:00 and 01:00 AM on August 22, 2019. • For data at daily level, `2019-08-22T00:00:00+08:00` indicates statistics on August 22, 2019.

Value	Integer	Data size. • The data of the storage space, the unit is bytes. • Transcoding duration data, unit is seconds. • Traffic data, unit is bytes. • Bandwidth data, unit is bits per second. • Live broadcast clip data, the unit is seconds. • Carousel data, unit is seconds. • The number of sub-applications, the unit is one.

StickerTrackItem

Information of sticker on sticker track.

Used by actions: ComposeMedia.

Name	Type	Required	Description
SourceMedia	String	Yes	Source of media material for sticker segment, which can be: • ID of VOD media files • Download URL of other media files Note: when a download URL of other media files is used as the material source and access control (such as hotlink protection) is enabled, the URL needs to carry access control parameters (such as hotlink protection signature).
Duration	Float	Yes	Sticker duration in seconds.
StartTime	Float	No	Start time of sticker on track in seconds.
CoordinateOrigin	String	No	Origin position. Valid values: • Center: the origin of coordinates is the center position, such as the center of canvas. Default value: Center.
XPos	String	No	The horizontal position of the origin of the sticker relative to the origin of the canvas. % and px formats are supported: • If the string ends in %, the `XPos` of the sticker will be at the position of the specified percentage of the

			canvas width; for example, `10%` means that `XPos` is 10% of the canvas width. • If the string ends in px, the `XPos` of the sticker will be in px; for example, `100px` means that `XPos` is 100 px. Default value: 0 px.
YPos	String	No	The vertical position of the origin of the sticker relative to the origin of the canvas. % and px formats are supported: • If the string ends in %, the `YPos` of the sticker will be at the position of the specified percentage of the canvas height; for example, `10%` means that `YPos` is 10% of the canvas height. • If the string ends in px, the `YPos` of the sticker will be in px; for example, `100px` means that `YPos` is 100 px. Default value: 0 px.
Width	String	No	Sticker width. % and px formats are supported: • If the string ends in %, the `Width` of the sticker will be the specified percentage of the canvas width; for example, `10%` means that `Width` is 10% of the canvas width. • If the string ends in px, the `Width` of the sticker will be in px; for example, `100px` means that `Width` is 100 px. • If both `Width` and `Height` are empty, then they will be the `Width` and `Height` of the sticker material, respectively. • If `Width` is empty (0), but `Height` is not empty, `Width` will be proportionally scaled. • If `Width` is not empty, but `Height` is empty, `Height` will be proportionally scaled.
Height	String	No	Sticker height. % and px formats are supported: • If the string ends in %, the `Height` of the sticker will be the specified percentage of the canvas height; for example, `10%` means that `Height` is 10% of the canvas height. • If the string ends in px, the `Height` of the sticker will be in px; for example, `100px` means that `Height` is 100 px.

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			• If both `Width` and `Height` are empty, then they will be the `Width` and `Height` of the sticker material, respectively. • If `Width` is empty, but `Height` is not empty, `Width` will be proportionally scaled. • If `Width` is not empty, but `Height` is empty, `Height` will be proportionally scaled.
ImageOperations	Array of ImageTransform	No	Operation on sticker such as image rotation. Note: this field may return null, indicating that no valid values can be obtained.

StorageRegionInfo

The information of a storage region.

Used by actions: DescribeStorageRegions.

Name	Type	Description
Region	String	The storage region.
Description	String	The description of the storage region.
Status	String	Whether storage is enabled in the region. Valid values: • opened: Enabled • unopened: Not enabled
IsDefault	Boolean	Whether the region is the default storage region. Valid values: true, false.
Area	String	Whether the storage region is inside or outside the Chinese mainland. Valid values: • Chinese Mainland • Outside Chinese Mainland

StorageStatData

VOD storage usage by region.

Used by actions: DescribeStorageData.

Name	Type	Description
Area	String	VOD storage billing region. Valid values:

		• Chinese Mainland • Outside Chinese Mainland
TotalStorage	Integer	Current total storage capacity in bytes.
InfrequentStorage	Integer	Current STANDARD_IA storage capacity in bytes.
StandardStorage	Integer	Current STANDARD storage capacity in bytes.
ArchiveStorage	Integer	Current ARCHIVE storage usage in bytes
DeepArchiveStorage	Integer	Current DEEP ARCHIVE storage usage in bytes

SubAppIdInfo

Subapplication information.

Used by actions: DescribeSubAppIds.

Name	Type	Description
SubAppId	Integer	Subapplication ID.
SubAppIdName	String	The subapplication name.
Description	String	Subapplication overview.
CreateTime	String	Subapplication creation time of task in ISO date format.
Status	String	Subapplication status. Valid values: • On: enabled • Off: disabled • Destroying: terminating • Destroyed: terminated
Name	String	The subapplication name. This parameter is not recommended. Please use `SubAppIdName` instead.

SubtitleFormatsOperation

The modification of the subtitle format list.

Used by actions: ModifyAIRecognitionTemplate.

Name	Type	Required	Description
Type	String	Yes	The modification type. Valid values: • add: Add the formats specified by `Formats` . • delete: Delete the formats specified by `Formats` .<l/i> • reset: Reset the format list to formats specified by `Formats` .
Formats	Array of String	Yes	The subtitle format list. Valid values: • vtt • srt

SuperResolutionInfo

Super resolution configuration.

Used by actions: CreateEnhanceMediaTemplate, CreateRebuildMediaTemplate, DescribeTaskDetail, ModifyEnhanceMediaTemplate, ModifyRebuildMediaTemplate, PullEvents, RebuildMedia.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable super resolution. Valid values: • ON • `OFF` If super resolution is enabled, the output resolution will double.
Type	String	No	The super resolution type. This parameter is valid only if `Switch` is `ON` . Valid values: • `lq` : For low-resolution videos with obvious noise • `hq` : For high-resolution videos Default value: `lq` .
Size	Integer	No	The ratio of the target resolution to the original resolution. Valid values: `2` . Default value: `2` .

SvgWatermarkInput

Input parameter of SVG watermarking template

Used by actions: CreateWatermarkTemplate, DescribeWatermarkTemplates.

Name	Type	Required	Description
Width	String	No	Watermark width, which supports six formats of px, %, W%, H%, S%, and L%: • If the string ends in px, the `Width` of the watermark will be in px; for example, `100px` means that `Width` is 100 px; if `0px` is entered and `Height` is not `0px` , the watermark width will be proportionally scaled based on the source SVG image; if `0px` is entered for both `Width` and `Height` , the watermark width will be the width of the source SVG image; • If the string ends in `W%` , the `Width` of the watermark will be the specified percentage of the video width; for example, `10W%` means that `Width` is 10% of the video width; • If the string ends in `H%` , the `Width` of the watermark will be the specified percentage of the video height; for example, `10H%` means that `Width` is 10% of the video height; • If the string ends in `S%` , the `Width` of the watermark will be the specified percentage of the short side of the video; for example, `10S%` means that `Width` is 10% of the short side of the video; • If the string ends in `L%` , the `Width` of the watermark will be the specified percentage of the long side of the video; for example, `10L%` means that `Width` is 10% of the long side of the video; • If the string ends in %, the meaning is the same as `W%` . Default value: 10W%.
Height	String	No	Watermark height, which supports six formats of px, %, W%, H%, S%, and L%: • If the string ends in px, the `Height` of the watermark will be in px; for example, `100px` means that `Height` is 100 px; if `0px` is entered and `Width` is not `0px` , the watermark height will be proportionally scaled based on the source SVG image; if `0px` is entered for both `Width` and `Height` , the watermark height will be the height of the source SVG image; • If the string ends in `W%` , the `Height` of the watermark will be the specified percentage of the video width; for example, `10W%` means that `Height` is 10% of the video width; • If the string ends in `H%` , the `Height` of the watermark will be the specified percentage of the video height; for example, `10H%` means that `Height` is 10% of the video height; • If the string ends in `S%` , the `Height` of the watermark will be the specified percentage of the short side of the video; for example, `10S%` means that `Height` is 10% of the short side of the video;

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			• If the string ends in `L%`, the `Height` of the watermark will be the specified percentage of the long side of the video; for example, `10L%` means that `Height` is 10% of the long side of the video; • If the string ends in %, the meaning is the same as `H%`. Default value: 0 px.

SvgWatermarkInputForUpdate

Input parameter of SVG watermarking template

Used by actions: ModifyWatermarkTemplate.

Name	Type	Required	Description
Width	String	No	Watermark width, which supports six formats of px, %, W%, H%, S%, and L%: • If the string ends in px, the `Width` of the watermark will be in px; for example, `100px` means that `Width` is 100 px; if `0px` is entered and `Height` is not `0px`, the watermark width will be proportionally scaled based on the source SVG image; if `0px` is entered for both `Width` and `Height`, the watermark width will be the width of the source SVG image; • If the string ends in `W%`, the `Width` of the watermark will be the specified percentage of the video width; for example, `10W%` means that `Width` is 10% of the video width; • If the string ends in `H%`, the `Width` of the watermark will be the specified percentage of the video height; for example, `10H%` means that `Width` is 10% of the video height; • If the string ends in `S%`, the `Width` of the watermark will be the specified percentage of the short side of the video; for example, `10S%` means that `Width` is 10% of the short side of the video; • If the string ends in `L%`, the `Width` of the watermark will be the specified percentage of the long side of the video; for example, `10L%` means that `Width` is 10% of the long side of the video; • If the string ends in %, the meaning is the same as `W%`. Default value: 10W%.
Height	String	No	Watermark height, which supports six formats of px, %, W%, H%, S%, and L%: • If the string ends in px, the `Height` of the watermark will be in px; for example, `100px` means that `Height` is 100 px; if `0px` is entered

			and `Width` is not `0px` , the watermark height will be proportionally scaled based on the source SVG image; if `0px` is entered for both `Width` and `Height` , the watermark height will be the height of the source SVG image; • If the string ends in `W%` , the `Height` of the watermark will be the specified percentage of the video width; for example, `10W%` means that `Height` is 10% of the video width; • If the string ends in `H%` , the `Height` of the watermark will be the specified percentage of the video height; for example, `10H%` means that `Height` is 10% of the video height; • If the string ends in `S%` , the `Height` of the watermark will be the specified percentage of the short side of the video; for example, `10S%` means that `Height` is 10% of the short side of the video; • If the string ends in `L%` , the `Height` of the watermark will be the specified percentage of the long side of the video; for example, `10L%` means that `Height` is 10% of the long side of the video; • If the string ends in %, the meaning is the same as `H%` . Default value: 0 px.

TEHDConfig

TESHD parameter configuration.

Used by actions: CreateAdaptiveDynamicStreamingTemplate, CreateTranscodeTemplate, DescribeTranscodeTemplates, ModifyAdaptiveDynamicStreamingTemplate.

Name	Type	Required	Description
Type	String	Yes	TESHD transcoding type. Valid values: • TEHD-100 • OFF (default)
MaxVideoBitrate	Integer	No	Maximum bitrate, which is valid when `Type` is `TESHD` . If this parameter is left blank or 0 is entered, there will be no upper limit for bitrate.

TEHDConfigForUpdate

TESHD parameter configuration.

Used by actions: ModifyTranscodeTemplate.

Name	Type	Required	Description
Type	String	No	TESHD transcoding type. Valid values: • TEHD-100 • OFF (default)
MaxVideoBitrate	Integer	No	Maximum bitrate. If this parameter is left blank, no modification will be made.

TagConfigureInfo

Control parameter of intelligent tagging task

Used by actions: CreateAIAnalysisTemplate, DescribeAIAnalysisTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of intelligent tagging task. Valid values: • ON: enables intelligent tagging task; • OFF: disables intelligent tagging task.

TagConfigureInfoForUpdate

Control parameter of intelligent tagging task

Used by actions: ModifyAIAnalysisTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of intelligent tagging task. Valid values: • ON: enables intelligent tagging task; • OFF: disables intelligent tagging task.

TaskOutputMediaInfo

Output media file information of a video processing task.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description

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FileId	String	Media file ID.
MediaBasicInfo	MediaBasicInfo	

TaskSimpleInfo

Task overview information

Used by actions: DescribeTasks.

Name	Type	Description
TaskId	String	Task ID.
Status	String	Task status. Valid values: `WAITING` (waiting), `PROCESSING` (processing), `FINISH` (completed)
FileId	String	Video ID
TaskType	String	The task type. Valid values: • `Procedure` : Video processing • `EditMedia` : Video editing • `ReduceMediaBitrate` : Bitrate reduction • `WechatDistribute` : Publishing to Weixin • `ReviewAudioVideo` : Moderation Task types for v2017: • `Transcode` : Transcoding • `SnapshotByTimeOffset` : Screencapturing • `Concat` : Video splicing • `Clip` : Video clipping • `ImageSprites` : Image sprite generating
CreateTime	String	Creation time of task in ISO date format.
BeginProcessTime	String	Start time of task execution in ISO date format. If the task has not been started yet, this field will be empty.
FinishTime	String	End time of task in ISO date format. If the task has not been completed yet, this field will be empty.
SessionId	String	ID used for deduplication if there was a request with the same ID in the last seven days.
SessionContext	String	Source context, which is used to pass through the user request information.

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TaskStatData

Video processing task statistics.

Used by actions: DescribeMediaProcessUsageData.

Name	Type	Description
TaskType	String	Task Type. • Transcoding: Normal transcoding • Transcoding-TESHD: Extremely fast high-definition transcoding • Editing: Video editing < li> Editing-TESHD: Extremely fast high-definition video editing • AdaptiveBitrateStreaming: Adaptive bitrate streaming • ContentAudit: Content audit • ContentRecognition: Content Recognize • RemoveWatermark: Remove watermark • ExtractTraceWatermark: Extract watermark • AddTraceWatermark: Add watermark • RebuildMedia : Audio and video quality reborn • QualityInspect: Media quality inspection • Transcode: transcoding, including normal transcoding, ultra-fast high-definition and video editing (not recommended) • Transcode: li>
Summary	Array of TaskStatDataItem	Task statistics overview (usage unit: second).
Details	Array of SpecificationDataItem	The usage statistics for different task types. Transcoding: • `Remuxing` • `Audio` (audio transcoding) • `Standard.H264.SD` • `Standard.H264.HD` • `Standard.H264.FHD` • `Standard.H264.2K` • `Standard.H264.4K` • `Standard.H265.SD` • `Standard.H265.HD` • `Standard.H265.FHD` • `Standard.H265.2K` • `Standard.H265.4K` • `TESHD-10.H264.SD` (H.264 SD Top Speed Codec transcoding) • `TESHD-10.H264.HD` (H.264 HD Top Speed Codec transcoding)

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- `TESHD-10.H264.FHD` (H.264 FHD Top Speed Codec transcoding)
- `TESHD-10.H264.2K` (H.264 2K Top Speed Codec transcoding)
- `TESHD-10.H264.4K` (H.264 4K Top Speed Codec transcoding)
- `TESHD-10.H265.SD` (H.265 SD Top Speed Codec transcoding)
- `TESHD-10.H265.HD` (H.265 HD Top Speed Codec transcoding)
- `TESHD-10.H265.FHD` (H.265 FHD Top Speed Codec transcoding)
- `TESHD-10.H265.2K` (H.265 2K Top Speed Codec transcoding)
- `TESHD-10.H265.4K` (H.265 4K Top Speed Codec transcoding)
- `Edit.Audio`
- `Edit.H264.SD` (H.264 SD video editing)
- `Edit.H264.HD` (H.264 HD video editing)
- `Edit.H264.FHD` (H.264 FHD video editing)
- `Edit.H264.2K` (H.264 2K video editing)
- `Edit.H264.4K` (H.264 4K video editing)
- `Edit.H265.SD` (H.265 SD video editing)
- `Edit.H265.HD` (H.265 HD video editing)
- `Edit.H265.FHD` (H.265 FHD video editing)
- `Edit.H265.2K` (H.265 2K video editing)
- `Edit.H265.4K` (H.265 4K video editing)
- `Edit.TESHD-10.H264.SD` (H.264 SD Top Speed Codec video editing)
- `Edit.TESHD-10.H264.HD` (H.264 HD Top Speed Codec video editing)
- `Edit.TESHD-10.H264.FHD` (H.264 FHD Top Speed Codec video editing)
- `Edit.TESHD-10.H264.2K` (H.264 2K Top Speed Codec video editing)
- `Edit.TESHD-10.H264.4K` (H.264 4K Top Speed Codec video editing)
- `Edit.TESHD-10.H265.SD` (H.265 SD Top Speed Codec video editing)
- `Edit.TESHD-10.H265.HD` (H.265 HD Top Speed Codec video editing)
- `Edit.TESHD-10.H265.FHD` (H.265 FHD Top Speed Codec video editing)
- `Edit.TESHD-10.H265.2K` (H.265 2K Top Speed Codec video editing)
- `Edit.TESHD-10.H265.4K` (H.265 4K Top Speed Codec video editing)

The watermark removal/remaster specifications. Valid values:

- `480P` (short side ≤ 480 px)

		• `720P` (short side ≤ 720 px) • `1080P` (short side ≤ 1080 px) • `2K` (short side ≤ 1440 px) • `4K` (short side ≤ 2160 px) • `8K` (short side ≤ 4320 px) • `audio`

TaskStatDataItem

Task statistics, including number of tasks and usage.

Used by actions: DescribeMediaProcessUsageData.

Name	Type	Description
Time	String	Start time of data time range in ISO date format. For example, if the time granularity is 1-day, `2018-12-01T00:00:00+08:00` represents the time range between December 1, 2018 (inclusive) and December 2, 2018 (not inclusive).
Count	Integer	Number of tasks.
Usage	Integer	Task usage.

TempCertificate

Temporary credential

Used by actions: ApplyUpload.

Name	Type	Description
SecretId	String	Temporary security certificate ID.
SecretKey	String	Temporary security certificate `Key`.
Token	String	Token value.
ExpiredTime	Integer	Certificate expiration time. A Unix timestamp will be returned which is accurate down to the second.

TerrorismConfigureInfo

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Parameters for recognition of terrorism content

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
ImgReviewInfo	TerrorismImgReviewTemplateInfo	No	Parameters for recognition of terrorism content in images Note: This field may return `null`, indicating that no valid value can be found.
OcrReviewInfo	TerrorismOcrReviewTemplateInfo	No	Parameters for OCR-based recognition of terrorism content Note: This field may return `null`, indicating that no valid value can be found.

TerrorismConfigureInfoForUpdate

Parameters for recognition of terrorism content

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
ImgReviewInfo	TerrorismImgReviewTemplateInfoForUpdate	No	Parameters for recognition of terrorism content in images
OcrReviewInfo	TerrorismOcrReviewTemplateInfoForUpdate	No	Parameters for OCR-based recognition of terrorism content

TerrorismImageResult

The moderation result for terrorist content in an image.

Used by actions: ReviewImage.

Name	Type	Description
Confidence	Float	The confidence score for the moderation result. Value range: 0-100.

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Suggestion	String	The suggestion for handling the detected terrorist content. Valid values: • pass/li> • review • block
Label	String	The label for the detected terrorist content. Valid values: • `guns` • `crowd` • `police` • `bloody` • `banners` • `explosion` • `scenario` (terrorist scenes)

TerrorismImgReviewTemplateInfo

Parameters for recognition of terrorism content in images

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable recognition of terrorism content in images. Valid values: • ON • OFF
LabelSet	Array of String	No	Filter labels for recognition of terrorism content in images. Results containing the specified labels are returned. If no labels are specified, all results are returned. Valid values: • `guns` : weapons and guns • `crowd` : crowd • `bloody` : bloody scenes • `police` : police force • `banners` : terrorism flags • `militant` : militants • `explosion` : explosions and fires • `terrorists` : terrorists • `scenario` : terrorism images
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. If this parameter is left empty, `90` will be used by default. Value range: 0-100

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ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. If this parameter is left empty, `80` will be used by default. Value range: 0-100

TerrorismImgReviewTemplateInfoForUpdate

Parameters for recognition of terrorism content in images

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable recognition of terrorism content in images. Valid values: • ON • OFF
LabelSet	Array of String	No	Filter labels for recognition of terrorism content in images. Results containing the specified labels are returned. If no labels are specified, all results are returned. Valid values: • `guns` : weapons and guns • `crowd` : crowd • `bloody` : bloody scenes • `police` : police force • `banners` : terrorism flags • `militant` : militants • `explosion` : explosions and fires • `terrorists` : terrorists • `scenario` : terrorism images
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. Value range: 0-100

TerrorismOcrReviewTemplateInfo

Parameters for OCR-based recognition of terrorism content

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Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable OCR-based recognition of terrorism content. Valid values: • ON • OFF
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. If this parameter is left empty, `100` will be used by default. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. If this parameter is left empty, `75` will be used by default. Value range: 0-100

TerrorismOcrReviewTemplateInfoForUpdate

Parameters for OCR-based recognition of terrorism content

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable OCR-based recognition of terrorism content. Valid values: • ON • OFF
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. If this parameter is left empty, `100` will be used by default. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. If this parameter is left empty, `75` will be used by default. Value range: 0-100

TextWatermarkTemplateInput

Text watermarking template

Used by actions: CreateWatermarkTemplate, DescribeWatermarkTemplates.

Name	Type	Required	Description
FontType	String	Yes	Font type. Currently, two types are supported: • simkai.ttf: both Chinese and English are supported; • arial.ttf: only English is supported.
FontSize	String	Yes	Font size in Npx format where N is a numeric value.
FontColor	String	Yes	Font color in 0xRRGGBB format. Default value: 0xFFFFFF (white).
FontAlpha	Float	Yes	Text transparency. Value range: (0, 1] • 0: completely transparent • 1: completely opaque Default value: 1.

TextWatermarkTemplateInputForUpdate

Text watermarking template

Used by actions: ModifyWatermarkTemplate.

Name	Type	Required	Description
FontType	String	No	Font type. Currently, two types are supported: • simkai.ttf: both Chinese and English are supported; • arial.ttf: only English is supported.
FontSize	String	No	Font size in Npx format where N is a numeric value.
FontColor	String	No	Font color in 0xRRGGBB format. Default value: 0xFFFFFF (white).
FontAlpha	Float	No	Text transparency. Value range: (0, 1] • 0: completely transparent • 1: completely opaque

TimeRange

General data type used to describe a time period.

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Used by actions: DescribeRoundPlays, DescribeTasks, SearchMedia.

Name	Type	Required	Description
After	String	No	• After or at this time (start time). • In ISO 8601 format. For more information, please see ISO Date Format.
Before	String	No	• Earlier than this time (end time). • In ISO 8601 format. For more information, please see ISO date format.

TraceWatermarkInput

The information of a digital watermark.

Used by actions: CreateProcedureTemplate, ProcessMedia, ResetProcedureTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to use digital watermarks. This parameter is required. Valid values: • ON • OFF
Definition	Integer	No	This parameter has been deprecated.

TranscodePlayInfo2017

Video transcoding playback information (v2017)

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
Url	String	Playback address.
Definition	Integer	Transcoding specification ID. For more information, please see Transcoding Parameter Template.
Bitrate	Integer	Sum of the average bitrate of a video stream and that of an audio stream in bps.
Height	Integer	Maximum value of the height of a video stream in px.
Width	Integer	Maximum value of the width of a video stream in px.

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TranscodeTask2017

The details of a video transcoding task. This parameter is only valid for tasks initiated by the v2017 video transcoding API.

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	Transcoding task ID.
ErrCode	Integer	Error code • 0: success; • Other values: failure. Note: this field may return null, indicating that no valid values can be obtained.
Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
FileId	String	ID of transcoded file. Note: this field may return null, indicating that no valid values can be obtained.
FileName	String	Name of transcoded file. Note: this field may return null, indicating that no valid values can be obtained.
Duration	Integer	Video duration in seconds. Note: this field may return null, indicating that no valid values can be obtained.
CoverUrl	String	Cover address. Note: this field may return null, indicating that no valid values can be obtained.
PlayInfoSet	Array of TranscodePlayInfo2017	Playback information generated after video transcoding. Note: this field may return null, indicating that no valid values can be obtained.

TranscodeTaskInput

Input parameter type of transcoding task

Used by actions: CreateProcedureTemplate, DescribeTaskDetail, ProcessMedia, PullEvents, ResetProcedureTemplate.

Name	Type	Required	Description
Definition	Integer	Yes	Video transcoding template ID.
WatermarkSet	Array of WatermarkInput	No	List of up to 10 image or text watermarks. Note: this field may return null, indicating that no valid values can be obtained.
TraceWatermark	TraceWatermarkInput	No	Digital watermark.
CopyRightWatermark	CopyRightWatermarkInput	No	Copyright watermark.
MosaicSet	Array of MosaicInput	No	List of blurs. Up to 10 ones can be supported.
HeadTailSet	Array of HeadTailTaskInput	No	List of video opening/closing credits configuration template IDs. You can enter up to 10 IDs.
StartTimeOffset	Float	No	Start time offset of a transcoded video, in seconds. • If this parameter is left empty or set to 0, the transcoded video will start at the same time as the original video. • If this parameter is set to a positive number (n for example), the transcoded video will start at the nth second of the original video. • If this parameter is set to a negative number (-n for example), the transcoded video will start at the nth second before the end of the original video.
EndTimeOffset	Float	No	End time offset of a transcoded video, in seconds. • If this parameter is left empty or set to 0, the transcoded video will end at the same time as the original video. • If this parameter is set to a positive number (n for example), the transcoded video will end at the nth second of the original video.

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			• If this parameter is set to a negative number (-n for example), the transcoded video will end at the nth second before the end of the original video.

TranscodeTemplate

Transcoding template details

Used by actions: DescribeTranscodeTemplates.

Name	Type	Description
Definition	String	Unique ID of transcoding template.
Container	String	Container. Valid values: mp4, flv, hls, mp3, flac, ogg.
Name	String	Transcoding template name. Note: this field may return null, indicating that no valid values can be obtained.
Comment	String	Template description. Note: this field may return null, indicating that no valid values can be obtained.
Type	String	Template type. Valid values: • Preset: preset template; • Custom: custom template.
RemoveVideo	Integer	Whether to remove video data. Valid values: • 0: retain; • 1: remove.
RemoveAudio	Integer	Whether to remove audio data. Valid values: • 0: retain; • 1: remove.
VideoTemplate	VideoTemplateInfo	Video stream configuration parameter. This field is valid only when `RemoveVideo` is 0. Note: this field may return null, indicating that no valid values can be obtained.
AudioTemplate	AudioTemplateInfo	Audio stream configuration parameter. This field is valid only when `RemoveAudio` is 0.

		Note: this field may return null, indicating that no valid values can be obtained.
TEHDConfig	TEHDConfig	TESHD transcoding parameter. Note: this field may return null, indicating that no valid values can be obtained.
ContainerType	String	Container filter. Valid values: • Video: video container that can contain both video stream and audio stream; • PureAudio: audio container that can contain only audio stream.
CreateTime	String	Creation time of template in ISO date format.
UpdateTime	String	Last modified time of template in ISO date format.
SegmentType	String	The segment type. This parameter is valid only if `Container` is `hls`

TransitionOperation

Transition operation

Used by actions: ComposeMedia.

Name	Type	Required	Description
Type	String	Yes	Transition type, the values u200bu200bare: • Image transition operation, used for transition processing between two video clip images: ◦ ImageFadeInFadeOut: image fade in and fade out. ◦ BowTieHorizontal: horizontal bow tie. ◦ BowTieVertical: vertical bow tie. ◦ ButterflyWaveScrawler: Shake. ◦ Cannabisleaf: maple leaf. ◦ Circle: Arc retraction. ◦ CircleCrop: Circles gather together. ◦ Circleopen: ellipse gathering. ◦ Crosswarp: Horizontal warping. ◦ Cube: Cube. ◦ DoomScreenTransition: Curtain. ◦ Doorway: Porch. ◦ Dreamy: Wave.

			◦ DreamyZoom: Horizontal zoom. ◦ FilmBurn: Fire Burning Cloud. ◦ GlitchMemories: Glitch. ◦ Heart: heart shape. ◦ InvertedPageCurl: Page turning. ◦ Luma: Corrosion. ◦ Mosaic: Nine-square grid. ◦ Pinwheel: Windmill. ◦ PolarFunction: elliptical diffusion. ◦ PolkaDotsCurtain: Arc diffusion. ◦ Radial: radar scanning ◦ RotateScaleFade: up and down. ◦ Squeeze: gather up and down. ◦ Swap: zoom in and switch. ◦ Swirl: spiral. ◦ UndulatingBurnOutSwirl: Water spreading. ◦ Windowblinds: blinds. ◦ WipeDown: Wrap downward. ◦ WipeLeft: Wrap to the left. ◦ WipeRight: Wrap to the right. ◦ WipeUp: Wrap up. ◦ ZoomInCircles: Water ripples. • Audio transition operation, used for transition processing between two audio clips: ◦ AudioFadeInFadeOut : The sound fades in and out.

TrtcRecordInfo

The TRTC recording information.

Used by actions: DescribeMediaInfos, DescribeTaskDetail, PullEvents, SearchMedia.

Name	Type	Description
SdkAppId	Integer	The TRTC application ID.
RoomId	String	The TRTC room ID.

TaskId	String	The recording task ID.
UserIds	Array of String	The IDs of users whose streams are mixed.

UrlSignatureAuthPolicy

Key hotlink protection information for generating the signature

Used by actions: DescribeVodDomains, ModifyVodDomainConfig.

Name	Type	Required	Description
Status	String	Yes	Whether to enable or disable key hotlink protection. Valid values: • `Enabled` : enable • `Disabled` : disable
EncryptedKey	String	No	The key for generating the signature of key hotlink protection. `EncryptedKey` can contain 8-40 bytes, and cannot contain non-printable characters.

UserAgentFilter

UserAgent:blacklist/whitelist configuration

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	UserAgent blacklist and whitelist configuration switch, the values u200bu200bare: • on: on; • off: off.
FilterRules	Array of UserAgentFilterRule	No	UA blacklist/whitelist effect rule list

UserAgentFilterRule

UserAgent blacklist/whitelist rule configuration

Used by actions: CreateCDNDomain, ModifyCDNDomainConfig.

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Name	Type	Required	Description
FilterType	String	Yes	UA blacklist type: • whitelist: whitelist; • blacklist: blacklist.
UserAgents	Array of String	Yes	UserAgent list.
RuleType	String	Yes	Rule type: • all: valid for all files; • file: valid for specified file suffix; • directory: valid for specified path; • path: specified absolute The path takes effect.
RulePaths	Array of String	Yes	Matching content under the corresponding type of RuleType: • Fill in * when all is used; • Fill in suffix name when file is used, such as jpg, txt; • Fill in path when directory is used, such as /xxx/ test/; • Fill in the absolute path when path is specified, such as /xxx/test.html.

UserDefineAsrTextReviewTemplateInfo

Parameters for custom ASR-based recognition

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable custom ASR-based recognition. Valid values: • ON • OFF
LabelSet	Array of String	No	Filter labels for custom ASR-based recognition. Results containing the specified labels are returned. If no labels are specified, all results are returned. To filter by labels, specify the labels when adding keywords for custom ASR-based recognition. Up to 10 labels are allowed, each containing no more than 16 characters.
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest

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			that the content be blocked. If this parameter is left empty, `100` will be used by default. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. If this parameter is left empty, `75` will be used by default. Value range: 0-100

UserDefineAsrTextReviewTemplateInfoForUpdate

Parameters for custom ASR-based recognition

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable custom ASR-based recognition. Valid values: • ON • OFF
LabelSet	Array of String	No	Filter labels for custom ASR-based recognition. Results containing the specified labels are returned. If no labels are specified, all results are returned. To filter by labels, specify the labels when adding keywords for custom ASR-based recognition. Up to 10 labels are allowed, each containing no more than 16 characters.
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. Value range: 0-100

UserDefineConfigureInfo

Parameters for custom recognition

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
FaceReviewInfo	UserDefineFaceReviewTemplateInfo	No	Parameters for custom facial

			recognition Note: This field may return `null`, indicating that no valid value can be found.
AsrReviewInfo	UserDefineAsrTextReviewTemplateInfo	No	Parameters for custom ASR-based recognition Note: This field may return `null`, indicating that no valid value can be found.
OcrReviewInfo	UserDefineOcrTextReviewTemplateInfo	No	Parameters for custom OCR-based recognition Note: This field may return `null`, indicating that no valid value can be found.

UserDefineConfigureInfoForUpdate

Parameters for custom recognition

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
FaceReviewInfo	UserDefineFaceReviewTemplateInfoForUpdate	No	Parameters for custom facial recognition
AsrReviewInfo	UserDefineAsrTextReviewTemplateInfoForUpdate	No	Parameters for custom ASR-based recognition
OcrReviewInfo	UserDefineOcrTextReviewTemplateInfoForUpdate	No	Parameters for custom OCR-based recognition

UserDefineFaceReviewTemplateInfo

Parameters for custom facial recognition

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description

Switch	String	Yes	Whether to enable custom facial recognition. Valid values: • ON • OFF
LabelSet	Array of String	No	Filter labels for custom facial recognition. Results containing the specified labels are returned. If no labels are specified, all results are returned. To filter by labels, specify the labels when adding custom facial libraries. Up to 10 labels are allowed, each containing no more than 16 characters.
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. If this parameter is left empty, `97` will be used by default. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. If this parameter is left empty, `95` will be used by default. Value range: 0-100

UserDefineFaceReviewTemplateInfoForUpdate

Parameters for custom facial recognition

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable custom facial recognition. Valid values: • ON • OFF
LabelSet	Array of String	No	Filter labels for custom facial recognition. Results containing the specified labels are returned. If no labels are specified, all results are returned. To filter by labels, specify the labels when adding custom facial libraries. Up to 10 labels are allowed, each containing no more than 16 characters.
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is

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			reached, human review is needed. Value range: 0-100

UserDefineOcrTextReviewTemplateInfo

Parameters for custom OCR-based recognition

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable custom OCR-based recognition. Valid values: • ON • OFF
LabelSet	Array of String	No	Filter labels for custom OCR-based recognition. Results containing the specified labels are returned. If no labels are specified, all results are returned. To filter by labels, specify the labels when adding keywords for custom OCR-based recognition. Up to 10 labels are allowed, each containing no more than 16 characters.
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. If this parameter is left empty, `100` will be used by default. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. If this parameter is left empty, `75` will be used by default. Value range: 0-100

UserDefineOcrTextReviewTemplateInfoForUpdate

Parameters for custom OCR-based recognition

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable custom OCR-based recognition. Valid values: • ON • OFF

LabelSet	Array of String	No	Filter labels for custom OCR-based recognition. Results containing the specified labels are returned. If no labels are specified, all results are returned. To filter by labels, specify the labels when adding keywords for custom OCR-based recognition. Up to 10 labels are allowed, each containing no more than 16 characters.
BlockConfidence	Integer	No	Confidence score threshold for determining that something should be blocked. If this threshold is reached, VOD will suggest that the content be blocked. Value range: 0-100
ReviewConfidence	Integer	No	Confidence score threshold for human review. If this threshold is reached, human review is needed. Value range: 0-100

VideoConfigureInfo

Just In Time transcoding video template configuration.

Used by actions: CreateJustInTimeTranscodeTemplate, DescribeJustInTimeTranscodeTemplates.

Name	Type	Required	Description
Width	Integer	No	The maximum value of the video stream width (or long side), value range: 0 and [128, 1920], unit: px. • When Width and Height are both 0, the resolution is from the same source; • When Width is 0 and Height is non-0, Width is scaled proportionally; < li>When Width is non-0 and Height is 0, the Height is scaled proportionally; • When both Width and Height are non-0, the resolution is specified by the user. Default value: 0.
Height	Integer	No	The maximum value of the video stream height (or short side), value range: 0 and [128, 1920], unit: px. • When Width and Height are both 0, the resolution is from the same source; • When Width is 0 and Height is non-0, Width is scaled proportionally;

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			< li>When Width is non-0 and Height is 0, the Height is scaled proportionally; • When both Width and Height are non-0, the resolution is specified by the user. Default value: 0.
ResolutionAdaptive	String	No	Resolution adaptive, optional values: • open: open, at this time, Width represents the long side of the video, and Height represents the short side of the video; • close: closed, at this time , Width represents the width of the video, and Height represents the height of the video. Default value: open.
Bitrate	Integer	No	The bit rate of the video stream, value range: 0 and [128, 10000], unit: kbps. When the value is 0, it means that the video bitrate remains the same as the original video.

VideoConfigureInfoForUpdate

Just In Time transcoding video template update configuration.

Used by actions: ModifyJustInTimeTranscodeTemplate.

Name	Type	Required	Description
Width	Integer	No	The maximum value of the video stream width (or long side), value range: 0 and [128, 1920], unit: px. • When Width and Height are both 0, the resolution is from the same source; • When Width is 0 and Height is non-0, Width is scaled proportionally; < li>When Width is non-0 and Height is 0, the Height is scaled proportionally; • When both Width and Height are non-0, the resolution is specified by the user.

			Default value: 0.
Height	Integer	No	The maximum value of the video stream height (or short side), value range: 0 and [128, 1920], unit: px. • When Width and Height are both 0, the resolution is from the same source; • When Width is 0 and Height is non-0, Width is scaled proportionally; < li>When Width is non-0 and Height is 0, the Height is scaled proportionally; • When both Width and Height are non-0, the resolution is specified by the user. Default value: 0.
ResolutionAdaptive	String	No	Resolution adaptive, optional values: • open: open, at this time, Width represents the long side of the video, and Height represents the short side of the video; • close: closed, at this time , Width represents the width of the video, and Height represents the height of the video. Default value: open.
Bitrate	Integer	No	The bit rate of the video stream, value range: 0 and [128, 10000], unit: kbps. When the value is 0, it means that the video bitrate remains the same as the original video.

VideoDenoiseInfo

Image noise removal configuration.

Used by actions: CreateEnhanceMediaTemplate, CreateRebuildMediaTemplate, DescribeTaskDetail, ModifyEnhanceMediaTemplate, ModifyRebuildMediaTemplate, PullEvents, RebuildMedia.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable image noise removal. Valid values: • `ON` • `OFF`

Type	String	No	The image noise removal type. This parameter is valid only if `Switch` is `ON`. Valid values: • `weak` • `strong` Default value: `weak`.

VideoFrameInterpolationInfo

Smart frame interpolation configuration.

Used by actions: CreateEnhanceMediaTemplate, CreateRebuildMediaTemplate, DescribeTaskDetail, ModifyEnhanceMediaTemplate, ModifyRebuildMediaTemplate, PullEvents, RebuildMedia.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable smart frame interpolation. Valid values: • `ON` • `OFF`
Fps	Integer	No	The frame rate. Value range: (0, 100]. This parameter is valid only if `Switch` is `ON`. By default, the original frame rate will be used.

VideoTemplateInfo

Video stream configuration parameter

Used by actions: CreateAdaptiveDynamicStreamingTemplate, CreateTranscodeTemplate, DescribeTranscodeTemplates, ModifyAdaptiveDynamicStreamingTemplate.

Name	Type	Required	Description
Codec	String	Yes	The video codec. Valid values: • libx264: H.264 • libx265: H.265 • av1: AOMedia Video 1 • H.266: H.266 Notes: • The AOMedia Video 1 and H.266 codecs can only be used for MP4 files. • Only CRF is supported for H.266 currently.

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Fps	Integer	Yes	Video frame rate in Hz. Value range: [0,100]. If the value is 0, the frame rate will be the same as that of the source video.
Bitrate	Integer	Yes	Bitrate of video stream in Kbps. Value range: 0 and [128, 35,000]. If the value is 0, the bitrate of the video will be the same as that of the source video.
ResolutionAdaptive	String	No	Resolution adaption. Valid values: • open: enabled. In this case, `Width` represents the long side of a video, while `Height` the short side; • close: disabled. In this case, `Width` represents the width of a video, while `Height` the height. Default value: open. Note: this field may return null, indicating that no valid values can be obtained.
Width	Integer	No	The maximum video width (or long side) in pixels. Value range: 0 and [128, 8192]. • If both `Width` and `Height` are 0, the output resolution will be the same as that of the source video. • If `Width` is 0 and `Height` is not, the video width will be proportionally scaled. • If `Width` is not 0 and `Height` is, the video height will be proportionally scaled. • If neither `Width` nor `Height` is 0, the specified width and height will be used. Default value: 0.
Height	Integer	No	The maximum video height (or short side) in pixels. Value range: 0 and [128, 8192]. • If both `Width` and `Height` are 0, the output resolution will be the same as that of the source video. • If `Width` is 0 and `Height` is not, the video width will be proportionally scaled. • If `Width` is not 0 and `Height` is, the video height will be proportionally scaled. • If neither `Width` nor `Height` is 0, the specified width and height will be used. Default value: 0.

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FillType	String	No	Fill type, the way of processing a screenshot when the configured aspect ratio is different from that of the source video. Valid values: • stretch: stretches the video image frame by frame to fill the screen. The video image may become "squashed" or "stretched" after transcoding. • black: fills the uncovered area with black color, without changing the image's aspect ratio. • white: fills the uncovered area with white color, without changing the image's aspect ratio. • gauss: applies Gaussian blur to the uncovered area, without changing the image's aspect ratio. Default value: black
Vcrf	Integer	No	The video constant rate factor (CRF). Value range: 1-51. Notes: • If this parameter is specified, CRF encoding will be used and the bitrate parameter will be ignored. • If `Codec` is `H.266`, this parameter is required (`28` is recommended). • We don’t recommend using this parameter unless you have special requirements.
Gop	Integer	No	I-frame interval in frames. Valid values: 0 and 1-100000. When this parameter is set to 0 or left empty, `Gop` will be automatically set.
PreserveHDRSwitch	String	No	Whether to output an HDR (high dynamic range) video if the source video is HDR. Valid values: • ON: If the source video is HDR, output an HDR video; if not, output an SDR (standard dynamic range) video. • OFF: Output an SDR video regardless of whether the source video is HDR. Default value: OFF.
CodecTag	String	No	The codec tag. This parameter is valid only if the H.265 codec is used. Valid values: • hvc1 • hev1 Default value: hvc1.

VideoTemplateInfoForUpdate

Video stream configuration parameter

Used by actions: ModifyTranscodeTemplate.

Name	Type	Required	Description
Codec	String	No	The video codec. Valid values: • libx264: H.264 • libx265: H.265 • av1: AOMedia Video 1 • H.266: H.266 Notes: • The AOMedia Video 1 and H.266 codecs can only be used for MP4 files. • Only CRF is supported for H.266 currently.
Fps	Integer	No	Video frame rate in Hz. Value range: [0,100]. If the value is 0, the frame rate will be the same as that of the source video.
Bitrate	Integer	No	Bitrate of video stream in Kbps. Value range: 0 and [128, 35,000]. If the value is 0, the bitrate of the video will be the same as that of the source video.
ResolutionAdaptive	String	No	Resolution adaption. Valid values: • open: enabled. In this case, `Width` represents the long side of a video, while `Height` the short side; • close: disabled. In this case, `Width` represents the width of a video, while `Height` the height.
Width	Integer	No	The maximum video width (or long side) in pixels. Value range: 0 and [128, 8192]. • If both `Width` and `Height` are 0, the output resolution will be the same as that of the source video. • If `Width` is 0 and `Height` is not, the video width will be proportionally scaled. • If `Width` is not 0 and `Height` is, the video height will be proportionally scaled. • If neither `Width` nor `Height` is 0, the specified width and height will be used.
Height	Integer	No	The maximum video height (or short side) in pixels. Value

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			range: 0 and [128, 8192].
FillType	String	No	Fill type. "Fill" refers to the way of processing a screenshot when its aspect ratio is different from that of the source video. Valid values: • stretch: stretches video image frame by frame to fill the screen. The video image may become "squashed" or "stretched" after transcoding. • black: fills the uncovered area with black color, without changing the image's aspect ratio. • white: fills the uncovered area with white color, without changing the image's aspect ratio. • gauss: applies Gaussian blur to the uncovered area, without changing the image's aspect ratio.
Vcrf	Integer	No	The video constant rate factor (CRF). Value range: 1-51. `0` means to disable this parameter. Notes: • If this parameter is specified, CRF encoding will be used and the bitrate parameter will be ignored. • If `Codec` is `H.266`, this parameter is required (`28` is recommended). • We don't recommend using this parameter unless you have special requirements.
Gop	Integer	No	I-frame interval in frames. Valid values: 0 and 1-100000. When this parameter is set to 0 or left empty, `Gop` will be automatically set.
PreserveHDRSwitch	String	No	Whether to output an HDR (high dynamic range) video if the source video is HDR. Valid values: • ON: If the source video is HDR, output an HDR video; if not, output an SDR (standard dynamic range) video. • OFF: Output an SDR video regardless of whether the source video is HDR.
CodecTag	String	No	The codec tag. This parameter is valid only if the H.265 codec is used. Valid values: • hvc1 • hev1 Default value: hvc1.

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VideoTrackItem

Video segment information of video track.

Used by actions: ComposeMedia.

Name	Type	Required	Description
SourceMedia	String	Yes	Source of media material for video segment, which can be: • ID of VOD media files • Download URL of other media files. Note: when a download URL of other media files is used as the material source and access control (such as hotlink protection) is enabled, the URL needs to carry access control parameters (such as hotlink protection signature).
SourceMediaStartTime	Float	No	Start time of video segment in material file in seconds. Default value: 0.
Duration	Float	No	Video segment duration in seconds. By default, the length of the video material will be used, which means that the entire material will be captured. If the source file is an image, `Duration` needs to be greater than 0.
TargetDuration	Float	No	The target video duration, in seconds. • If `TargetDuration` is empty or `0`, the target duration is the same as `Duration`. • If `TargetDuration` is a value greater than 0, the playback speed will be changed to make the final video duration the same as the value of `TargetDuration`.
CoordinateOrigin	String	No	Video origin position. Valid values: • Center: the origin of coordinates is the center position, such as the center of canvas. Default value: Center.
XPos	String	No	The horizontal position of the origin of the video segment relative to the origin of the canvas. % and px formats are supported:

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			• If the string ends in %, the `XPos` of the video segment will be at the position of the specified percentage of the canvas width; for example, `10%` means that `XPos` is 10% of the canvas width. • If the string ends in px, the `XPos` of the video segment will be in px; for example, `100px` means that `XPos` is 100 px. Default value: 0 px.
YPos	String	No	The vertical position of the origin of the video segment relative to the origin of the canvas. % and px formats are supported: • If the string ends in %, the `YPos` of the video segment will be at the position of the specified percentage of the canvas height; for example, `10%` means that `YPos` is 10% of the canvas height. • If the string ends in px, the `YPos` of the video segment will be in px; for example, `100px` means that `YPos` is 100 px. Default value: 0 px.
Width	String	No	Video segment width. % and px formats are supported: • If the string ends in %, the `Width` of the video segment will be the specified percentage of the canvas width; for example, `10%` means that `Width` is 10% of the canvas width. • If the string ends in px, the `Width` of the video segment will be in px; for example, `100px` means that `Width` is 100 px. • If both `Width` and `Height` are empty, then they will be the `Width` and `Height` of the video material, respectively. • If `Width` is empty, but `Height` is not empty, `Width` will be proportionally scaled. • If `Width` is not empty, but `Height` is empty, `Height` will be proportionally scaled.
Height	String	No	Video segment height. % and px formats are supported:

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			• If the string ends in %, the `Height` of the video segment will be the specified percentage of the canvas height; for example, `10%` means that `Height` is 10% of the canvas height; • If the string ends in px, the `Height` of the video segment will be in px; for example, `100px` means that `Height` is 100 px. • If both `Width` and `Height` are empty, then they will be the `Width` and `Height` of the video material, respectively. • If `Width` is empty, but `Height` is not empty, `Width` will be proportionally scaled. • If `Width` is not empty, but `Height` is empty, `Height` will be proportionally scaled.
AudioOperations	Array of AudioTransform	No	Operation on audio such as muting. Note: this field may return null, indicating that no valid values can be obtained.
ImageOperations	Array of ImageTransform	No	Operation on video image such as image rotation. Note: this field may return null, indicating that no valid values can be obtained.

VoiceConfigureInfo

Control parameters for audio (silence, bass, pop) detection.

Used by actions: CreateQualityInspectTemplate, DescribeQualityInspectTemplates.

Name	Type	Required	Description
Switch	String	Yes	Audio (mute, bass, pop) detection switch, optional values: • ON: on; • OFF: off.

VoiceConfigureInfoForUpdate

Control parameters for audio (silence, bass, pop) detection.

Used by actions: ModifyQualityInspectTemplate.

Name	Type	Required	Description

Switch	String	No	Audio (mute, bass, pop) detection switch, optional values: • ON: on; • OFF: off.

WatermarkConfigureData

Just In Time transcoding watermark template configuration.

Used by actions: DescribeJustInTimeTranscodeTemplates.

Name	Type	Description
Switch	String	Whether to enable watermark. Possible values: • ON: means enabling watermark; • OFF: means turning off watermark.
Url	String	Watermark URL.
Width	String	The width of the watermark. • The string ends with %, indicating that the watermark Width is a percentage of the video width, such as 10% indicating that the Width is 10% of the video width;
Height	String	The height of the watermark. • The string ends with %, indicating that the watermark Height is a percentage of the video height, for example, 10% means that the Height is 10% of the video height;
XPos	String	The horizontal position of the watermark origin from the video image coordinate origin. The string ends with %, indicating that the watermark XPos specifies a percentage of the video width, such as 10% indicating that XPos is 10% of the video width.
YPos	String	The vertical position of the watermark origin from the video image coordinate origin. When the string ends with %, it means that the watermark YPos specifies a percentage of the video height. For example, 10% means that YPos is 10% of the video height.

WatermarkConfigureInfo

Just In Time transcoding watermark template configuration.

Used by actions: CreateJustInTimeTranscodeTemplate.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable watermark. Possible values:

			• ON: means enabling watermark; • OFF: means turning off watermark.
ImageContent	String	No	Watermark image Base64 encoded string. Supports jpeg, png image formats.
Width	String	No	The width of the watermark. • The string ends with %, indicating that the watermark Width is a percentage of the video width, such as 10% indicating that the Width is 10% of the video width;
Height	String	No	The height of the watermark. • The string ends with %, indicating that the watermark Height is a percentage of the video height, for example, 10% means that the Height is 10% of the video height;
XPos	String	No	The horizontal position of the watermark origin from the video image coordinate origin. The string ends with %, indicating that the watermark XPos specifies a percentage of the video width, such as 10% indicating that the XPos is 10% of the video width.
YPos	String	No	The vertical position of the watermark origin from the video image coordinate origin. When the string ends with %, it means that the watermark YPos specifies a percentage of the video height. For example, 10% means that YPos is 10% of the video height.

WatermarkConfigureInfoForUpdate

Just In Time transcoding watermark template update configuration.

Used by actions: ModifyJustInTimeTranscodeTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable watermark. Possible values: • ON: means enabling watermark; • OFF: means turning off watermark.
ImageContent	String	No	Watermark image Base64 encoded string. Supports jpeg, png image formats.
Width	String	No	The width of the watermark. • The string ends with %, indicating that the watermark Width is a percentage of the video width, such as 10% indicating that the Width is 10% of the video width;

Height	String	No	The height of the watermark. • The string ends with %, indicating that the watermark Height is a percentage of the video height, for example, 10% means that the Height is 10% of the video height;
XPos	String	No	The horizontal position of the watermark origin from the video image coordinate origin. The string ends with %, indicating that the watermark XPos specifies a percentage of the video width, such as 10% indicating that XPos is 10% of the video width.
YPos	String	No	The vertical position of the watermark origin from the video image coordinate origin. When the string ends with %, it means that the watermark YPos specifies a percentage of the video height. For example, 10% means that YPos is 10% of the video height.

WatermarkInput

Watermark parameter type of video processing task

Used by actions: CreateProcedureTemplate, ProcessMedia, ResetProcedureTemplate.

Name	Type	Required	Description
Definition	Integer	Yes	Watermarking template ID.
TextContent	String	No	Text content, which contains up to 100 characters. Set this parameter only when the watermark type is text. VOD does not support adding text watermarks on screenshots.
SvgContent	String	No	SVG content, which contains up to 2,000,000 characters. Set this parameter only when the watermark type is SVG. VOD does not support adding SVG watermarks on screenshots.
StartTimeOffset	Float	No	Start time offset of a watermark in seconds. If this parameter is left blank or 0 is entered, the watermark will appear upon the first video frame. • If this parameter is left blank or 0 is entered, the watermark will appear upon the first video frame; • If this value is greater than 0 (e.g., n), the watermark will appear at second n after the first video frame; • If this value is smaller than 0 (e.g., -n), the watermark will appear at second n before the last video frame.
EndTimeOffset	Float	No	End time offset of a watermark in seconds.

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			• If this parameter is left blank or 0 is entered, the watermark will exist till the last video frame; • If this value is greater than 0 (e.g., n), the watermark will exist till second n; • If this value is smaller than 0 (e.g., -n), the watermark will exist till second n before the last video frame.

WatermarkTemplate

Watermarking template details

Used by actions: DescribeWatermarkTemplates.

Name	Type	Description
Definition	Integer	Unique ID of watermarking template.
Type	String	Watermark type. Valid values: • image: image watermark; • text: text watermark.
Name	String	Watermarking template name. Note: this field may return null, indicating that no valid values can be obtained.
Comment	String	Template description.
XPos	String	Horizontal position of the origin of the watermark image relative to the origin of the video. • If the string ends in %, the `Left` edge of the watermark will be at the position of the specified percentage of the video width; for example, `10%` means that the `Left` edge is at 10% of the video width; • If the string ends in px, the `Left` edge of the watermark will be at the position of the specified px of the video width; for example, `100px` means that the `Left` edge is at the position of 100 px.
YPos	String	Vertical position of the origin of the watermark image relative to the origin of the video. • If the string ends in %, the `Top` edge of the watermark will beat the position of the specified percentage of the video height; for example, `10%`

		means that the `Top` edge is at 10% of the video height; • If the string ends in px, the `Top` edge of the watermark will be at the position of the specified px of the video height; for example, `100px` means that the `Top` edge is at the position of 100 px.
ImageTemplate	ImageWatermarkTemplate	Image watermarking template. This field is valid only when `Type` is `image`. Note: this field may return null, indicating that no valid values can be obtained.
TextTemplate	TextWatermarkTemplateInput	Text watermarking template. This field is valid only when `Type` is `text`. Note: this field may return null, indicating that no valid values can be obtained.
SvgTemplate	SvgWatermarkInput	SVG watermarking template. This field is valid when `Type` is `svg`. Note: this field may return null, indicating that no valid values can be obtained.
CreateTime	String	Creation time of template in ISO date format.
UpdateTime	String	Last modified time of template in ISO date format.
CoordinateOrigin	String	Origin position. Valid values: • topLeft: the origin of coordinates is in the top-left corner of the video, and the origin of the watermark is in the top-left corner of the image or text; • topRight: the origin of coordinates is in the top-right corner of the video, and the origin of the watermark is in the top-right corner of the image or text; • bottomLeft: the origin of coordinates is in the bottom-left corner of the video, and the origin of the watermark is in the bottom-left corner of the image or text; • bottomRight: the origin of coordinates is in the bottom-right corner of the video, and the origin of the watermark is in the bottom-right corner of the image or text.

WebPageRecordInfo

Panoramic recording information

Used by actions: DescribeMediaInfos, DescribeTaskDetail, PullEvents, SearchMedia.

Name	Type	Required	Description
RecordUrl	String	No	Panoramic recording Url.
RecordTaskId	String	No	Panoramic recording task ID.

WechatMiniProgramPublishTask

Release on WeChat Mini Program task information

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	Task ID.
Status	String	Task status. Valid values: WAITING: waiting; PROCESSING: processing; FINISH: completed.
ErrCode	Integer	Error code • 0: success; • Other values: failure.
Message	String	Error message.
FileId	String	ID of published video file.
SourceDefinition	Integer	ID of the transcoding template corresponding to the published video. 0 represents the source video.
PublishResult	String	Status of video release on WeChat Mini Program. Valid values: • Pass: successfully published; • Failed: failed to publish; • Rejected: rejected.

WechatMiniProgramPublishTaskInput

Type of a release on WeChat Mini Program task

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Used by actions: DescribeProcedureTemplates.

Name	Type	Required	Description
SourceDefinition	Integer	Yes	ID of the transcoding template corresponding to the published video. 0 represents the source video.

WechatPublishTask

Release on WeChat task information

Used by actions: DescribeTaskDetail, PullEvents.

Name	Type	Description
TaskId	String	Task ID.
Status	String	Task status. Valid values: WAITING: waiting; PROCESSING: processing; FINISH: completed.
ErrCode	Integer	Error code • 0: success; • Other values: failure. Note: this field may return null, indicating that no valid values can be obtained.
Message	String	Error message. Note: this field may return null, indicating that no valid values can be obtained.
FileId	String	ID of published video file. Note: this field may return null, indicating that no valid values can be obtained.
Definition	Integer	Release on WeChat template ID. Note: this field may return null, indicating that no valid values can be obtained.
SourceDefinition	Integer	ID of the transcoding template corresponding to the published video. 0 represents the source video. Note: this field may return null, indicating that no valid values can be obtained.
WechatStatus	String	Release on WeChat status. Valid values: • FAIL: failure; • SUCCESS: success; • AUDITNOTPASS: rejected

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		• NOTTRIGGERED: release on WeChat not initiated yet. Note: this field may return null, indicating that no valid values can be obtained.
WechatVid	String	WeChat `Vid`. Note: this field may return null, indicating that no valid values can be obtained.
WechatUrl	String	WeChat address. Note: this field may return null, indicating that no valid values can be obtained.

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Data Types

Last updated：2025-06-30 15:39:20

Credentials

Credentials.

Used by actions: CreateStorageCredentials.

Name	Type	Description
AccessKeyId	String	Access Key ID.
SecretAccessKey	String	Secret Access Key.
SessionToken	String	The session token length depends on the binding policy and is no longer than 4096 bytes.
Expiration	Timestamp ISO8601	The expiration time of the credentials.

Filter

Key-value pair filters for conditional filtering queries, such as filtering ID, name, and status.
If more than one filter exists, the logical relationship between these filters is `AND` .
If multiple values exist in one filter, the logical relationship between these values under the same filter is `OR` .

Used by actions: DescribeIncrementalMigrationStrategyInfos, DescribeStorage.

Name	Type	Required	Description
Name	String	Yes	Fields to be filtered.
Values	Array of String	Yes	Value of the filtered field.

IncrementalMigrationHttpEndpointInfo

Incremental migration source address information.

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Used by actions: CreateIncrementalMigrationStrategy, DescribeIncrementalMigrationStrategyInfos, ModifyIncrementalMigrationStrategy.

Name	Type	Required	Description
Endpoint	String	Yes	Address information, supporting domain names or IP addresses.
StandbyEndpointSet	Array of String	No	Backup address information.

IncrementalMigrationHttpHeader

Incremental migration back-to-origin HTTP Header.

Used by actions: CreateIncrementalMigrationStrategy, DescribeIncrementalMigrationStrategyInfos, ModifyIncrementalMigrationStrategy.

Name	Type	Required	Description
Key	String	Yes	Header Key.
Value	String	Yes	Header Value.

IncrementalMigrationHttpHeaderInfo

Incremental migration back-to-origin HTTP Header information.

Used by actions: CreateIncrementalMigrationStrategy, DescribeIncrementalMigrationStrategyInfos, ModifyIncrementalMigrationStrategy.

Name	Type	Required	Description
HeaderFollowMode	String	Yes	HTTP Header Passthrough Mode. Values valid: • FOLLOW_ALL: Pass through all header information; <\li> • FOLLOW_PART: Pass through partial header information;<\li>

			• IGNORE_PART: Ignore partial header information.<\li>
FollowHttpHeaderKeySet	Array of String	No	Header Key Set for Passthrough. This field is required only when the HeaderFollowMode is set to `FOLLOW_PART` .
NewHttpHeaderSet	Array of IncrementalMigrationHttpHeader	No	Add Header Key-Value Pair Collection.

IncrementalMigrationHttpOriginCondition

Incremental migration back-to-source conditions.

Used by actions: CreateIncrementalMigrationStrategy, DescribeIncrementalMigrationStrategyInfos, ModifyIncrementalMigrationStrategy.

Name	Type	Required	Description
HttpStatusCode	Integer	No	HTTP code to trigger back-to-source conditions. If not filled, the default value is `404` .
Prefix	String	No	Object key prefix to trigger back-to-source conditions

IncrementalMigrationHttpOriginConfig

Configuration of the origin for incremental migration back-to-source.

Used by actions: CreateIncrementalMigrationStrategy, DescribeIncrementalMigrationStrategyInfos, ModifyIncrementalMigrationStrategy.

Name	Type	Required	Description
OriginInfo	IncrementalMigrationHttpOriginInfo	Yes	Origin information for back-to-source.
OriginParameter	IncrementalMigrationHttpOriginParameter	Yes	Back-to-source parameters.
Mode	String	No	Back-to-source mode. Valid values:

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			• SYNC: Synchronous back-to-source; • ASYNC: Asynchronous back-to-source.
OriginCondition	IncrementalMigrationHttpOriginCondition	No	Back-to-source conditions.

IncrementalMigrationHttpOriginInfo

Incremental migration source information.

Used by actions: CreateIncrementalMigrationStrategy, DescribeIncrementalMigrationStrategyInfos, ModifyIncrementalMigrationStrategy.

Name	Type	Required	Description
EndpointInfo	IncrementalMigrationHttpEndpointInfo	Yes	Incremental migration source address information.
FileInfo	IncrementalMigrationOriginFileInfo	No	Incremental migration source file information.

IncrementalMigrationHttpOriginParameter

Incremental migration back-to-source parameters.

Used by actions: CreateIncrementalMigrationStrategy, DescribeIncrementalMigrationStrategyInfos, ModifyIncrementalMigrationStrategy.

Name	Type	Required	Description
HttpHeaderInfo	IncrementalMigrationHttpHeaderInfo	Yes	HTTP header passthrough information.
Protocol	String	No	Back-to-source protocol. Valid values: • HTTP: Force HTTP; • HTTPS: Force HTTPS; • FOLLOW: Follow the request protocol.

QueryStringFollowMode	String	No	Query string passthrough mode. Valid values • FOLLOW: Fully passthrough; • IGNORE: No passthrough at all.
HttpRedirectCode	Integer	No	HTTP Code for redirection. Currently, only `301`, `302`, and `307` are supported. The default value is `302`.
OriginRedirectionFollowMode	String	No	Origin server redirection follow mode. Valid values: • FOLLOW: Follow origin server redirection; • IGNORE: Ignore origin server redirection.

IncrementalMigrationOriginFileInfo

Incremental migration of origin file information.

Used by actions: CreateIncrementalMigrationStrategy, DescribeIncrementalMigrationStrategyInfos, ModifyIncrementalMigrationStrategy.

Name	Type	Required	Description
PrefixConfig	IncrementalMigrationOriginPrefixConfig	No	File prefix configuration.
SuffixConfig	IncrementalMigrationOriginSuffixConfig	No	File suffix configuration.
FixedFileConfig	IncrementalMigrationOriginFixedFileConfig	No	Fixed file configuration.

IncrementalMigrationOriginFixedFileConfig

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Incremental migration of origin fixed file path configuration.

Used by actions: CreateIncrementalMigrationStrategy, DescribeIncrementalMigrationStrategyInfos, ModifyIncrementalMigrationStrategy.

Name	Type	Required	Description
FixedFilePath	String	No	Fixed file path: If you fill in `example/test.png`, the origin-pull address will be: `http(s)://<origin domain>/example/test.png`.

IncrementalMigrationOriginPrefixConfig

Incremental migration of origin address prefix configuration.

Used by actions: CreateIncrementalMigrationStrategy, DescribeIncrementalMigrationStrategyInfos, ModifyIncrementalMigrationStrategy.

Name	Type	Required	Description
Prefix	String	No	Origin address prefix: If you fill in `test/`, the origin-pull address will be `http(s)://<origin domain>/test/<file name>`.

IncrementalMigrationOriginSuffixConfig

Incremental migration of origin file suffix configuration.

Used by actions: CreateIncrementalMigrationStrategy, DescribeIncrementalMigrationStrategyInfos, ModifyIncrementalMigrationStrategy.

Name	Type	Required	Description
Suffix	String	No	File suffix. if filled with `.ts`, the origin-pull address will be: `http(s)://<origin domain>/<file name>.ts`.

IncrementalMigrationStrategyInfo

Incremental migration strategy information.

Used by actions: DescribeIncrementalMigrationStrategyInfos.

Name	Type	Description
StrategyId	String	The ID of the incremental migration strategy.
StrategyName	String	The name of the incremental migration strategy.
SubAppId	Integer	**The ID of VOD Professional Application.**
BucketId	String	The bucket ID where the strategy takes effect.
OriginType	String	Source type.
HttpOriginConfig	IncrementalMigrationHttpOriginConfig	Incremental migration HTTP origin source configuration.

SortBy

Sort by criterion

Used by actions: DescribeIncrementalMigrationStrategyInfos, DescribeStorage.

Name	Type	Required	Description
Field	String	Yes	Sort by field
Order	String	Yes	Sorting order. Valid values: Asc (ascending), Desc (descending)

StorageInfo

Storage information for the professional application.

Used by actions: DescribeStorage.

Name	Type	Description
BucketId	String	The ID of bucket.
StorageName	String	The name of bucket.
StorageRegion	String	The region of storage.
InternetAccessDomainStatus	String	The status of the internet access domain name is stored.

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		Valid values: • ONLINE: Active; • DEPLOYING: In deployment.
InternetAccessDomain	String	The internet access domain name of storage.
CreateTime	Timestamp ISO8601	The creation time of the storage.

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 si
gnature is correct."
},
"RequestId": "ed93f3cb-f35e-473f-b9f3-0d451b8b79c6"
}
}
```

Code in Error indicates the error code, and Message indicates the specific information of the error.

Error Code List

Common Error Codes

Error Code	Description
ActionOffline	This API has been deprecated.
AuthFailure.InvalidAuthorization	`Authorization` in the request header is invalid.
AuthFailure.InvalidSecretId	Invalid key (not a TencentCloud API key type).
AuthFailure.MFAFailure	MFA failed.
AuthFailure.SecretIdNotFound	Key does not exist. Check if the key has been deleted or disabled in the console, and if not, check if the key is correctly entered. Note that whitespaces should not exist before or after the key.
AuthFailure.SignatureExpire	Signature expired. Timestamp and server time cannot differ by more than five minutes. Please

	ensure your current local time matches the standard time.
AuthFailure.SignatureFailure	Invalid signature. Signature calculation error. Please ensure you've followed the signature calculation process described in the Signature API documentation.
AuthFailure.TokenFailure	Token error.
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information, see the CAM documentation.
DryRunOperation	DryRun Operation. It means that the request would have succeeded, but the DryRun parameter was used.
FailedOperation	Operation failed.
InternalError	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

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	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
AuthFailure	CAM signature/authentication error.
FailedOperation.ClassLevelLimitExceeded	Operation failed: the number of category levels exceeds the limit.
FailedOperation.ClassNameDuplicate	Operation failed: the category name already exists.
FailedOperation.ClassNoFound	Operation failed: the category does not exist.
FailedOperation.CoverType	Operation failed: unsupported cover type.
FailedOperation.DBError	Operation failed: The

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	database operation failed.
FailedOperation.DomainDeploying	You cannot modify the settings of the domain name as it is being deployed.
FailedOperation.InvalidAccount	User account exception.
FailedOperation.InvalidVodUser	The VOD service is not activated.
FailedOperation.MediaForbidedBySystem	Media blocked by the system.
FailedOperation.MediaType	Operation failed: unsupported media type.
FailedOperation.NetWorkError	Network error.
FailedOperation.NoNeedToReduceMediaBitrate	No need to reduce the bitrate.
FailedOperation.ParentIdNoFound	Operation failed: the parent category ID does not exist.
FailedOperation.SubclassLimitExceeded	Operation failed: the number of subcategories exceeds the limit.
FailedOperation.TaskDuplicate	Operation failed: the task already exists.
FailedOperation.UploadCosFail	Operation failed: failed to upload file to COS.
FailedOperation.UserStatusInavlid	The service has been suspended.
InternalError.DBError	Internal error. Failed to access DB.
InternalError.GenDefinition	Internal error: failed to generate template ID.
InternalError.GetFileInfoError	Internal error: an error occurred while getting media file information.
InternalError.GetMediaListError	Internal error: an error occurred while getting the

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	media list.
InternalError.TimeParseError	An error occurred while parsing the time.
InternalError.UpdateMediaError	Internal error: an error occurred while updating media file information.
InternalError.UploadCoverImageError	Internal error: an error occurred while uploading cover image.
InternalError.UploadWatermarkError	Internal error: failed to upload watermark image.
InvalidParameter.ExistedProcedureName	The task flow template name already exists.
InvalidParameter.ExpireTime	Incorrect parameter value: expiration time.
InvalidParameter.Labels	Parameter error: Invalid label.
InvalidParameter.ProcedureNameNotExist	The task flow template name does not exist.
InvalidParameter.StorageRegion	Incorrect parameter value: storage region.
InvalidParameterValue.AddKeyFrameDescsAndClearKeyFrameDescsConflict	Incorrect parameter value: `AddKeyFrameDescs` conflicts with `ClearKeyFrameDescs`.
InvalidParameterValue.AddKeyFrameDescsAndDeleteKeyFrameDescsConflict	Incorrect parameter value: `AddKeyFrameDescs` conflicts with `DeleteKeyFrameDescs`.
InvalidParameterValue.AddTagsAndClearTagsConflict	Incorrect parameter value: `AddTags` conflicts with `ClearTags`.
InvalidParameterValue.AddTagsAndDeleteTagsConflict	Incorrect parameter value: `AddTags` conflicts with `DeleteTags`.

InvalidParameterValue.AiAnalysisTaskDefinition	Incorrect parameter value: `Definition` for AI-based analysis.
InvalidParameterValue.AiContentReviewTaskDefinition	Incorrect parameter value: `Definition` AI-based content audit.
InvalidParameterValue.AiRecognitionTaskDefinition	Incorrect parameter value: `Definition` for AI-based recognition.
InvalidParameterValue.Area	Invalid `Area` .
InvalidParameterValue.AudioBitrate	Invalid parameter: audio stream bitrate.
InvalidParameterValue.AudioChannel	Incorrect parameter value: AudioChannel.
InvalidParameterValue.AudioCodec	Invalid parameter: audio stream encoder.
InvalidParameterValue.AudioSampleRate	Invalid parameter: audio stream sample rate.
InvalidParameterValue.Bitrate	Invalid audio/video bitrate.
InvalidParameterValue.BlockConfidence	Incorrect parameter value: the value of the `BlockConfidence` parameter is invalid.
InvalidParameterValue.Categories	Invalid file type.
InvalidParameterValue.ClassId	Incorrect parameter value: category ID.
InvalidParameterValue.ClassIds	Incorrect parameter value: invalid `ClassIds` .
InvalidParameterValue.ClassName	Incorrect parameter value: invalid `ClassName`
InvalidParameterValue.ClassifcationConfigure	The control field parameter for intelligent categorization is incorrect.

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InvalidParameterValue.ClipDuration	Incorrect parameter value: the clipping duration is too long.
InvalidParameterValue.Codec	Invalid audio/video codec.
InvalidParameterValue.ColumnCount	Incorrect parameter value: ColumnCount.
InvalidParameterValue.Comment	Invalid parameter: template description.
InvalidParameterValue.Container	Invalid parameter: container.
InvalidParameterValue.ContainerType	Incorrect parameter value: ContainerType.
InvalidParameterValue.CoordinateOrigin	Incorrect parameter value: CoordinateOrigin.
InvalidParameterValue.CoverConfigure	The control field parameter for intelligent cover generation is incorrect.
InvalidParameterValue.CoverType	Incorrect parameter value: cover type.
InvalidParameterValue.CoverUrl	Incorrect parameter value: cover URL.
InvalidParameterValue.CutAndCrops	Parameter error: Invalid `CutAndCrops` value.
InvalidParameterValue.DataInterval	Incorrect parameter value: time granularity.
InvalidParameterValue.DataType	Incorrect parameter value: data type.
InvalidParameterValue.DefaultLibraryLabelSet	Incorrect parameter value: the default face library filter tag is invalid.
InvalidParameterValue.Definition	Invalid parameter: Definition.
InvalidParameterValue.Definitions	Invalid parameter: Definitions.
InvalidParameterValue.DeleteDefaultTemplate	Incorrect parameter value:

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	the default template cannot be deleted.
InvalidParameterValue.Description	Incorrect parameter value: `Description` exceeds the length limit.
InvalidParameterValue.DisableHigherVideoBitrate	Invalid value of the switch for prohibiting transcoding from low bitrate to high bitrate.
InvalidParameterValue.DisableHigherVideoResolution	Invalid value of the switch for prohibiting transcoding from low resolution to high resolution.
InvalidParameterValue.Districts	Incorrect `Districts` .
InvalidParameterValue.DomainName	Invalid parameter: the domain name does not exist.
InvalidParameterValue.DomainNameInBlackList	This domain name cannot be added as it is invalid.
InvalidParameterValue.DomainNames	Parameter value. The domain name list is too large.
InvalidParameterValue.DrmType	Invalid DRM type.
InvalidParameterValue.EndTime	Incorrect parameter value: invalid `EndTime` .
InvalidParameterValue.EndTimeOffset	Incorrect parameter: the end time is invalid.
InvalidParameterValue.ExistedName	Duplicate name
InvalidParameterValue.ExpireTime	Incorrect parameter value: incorrect `ExpireTime` format.
InvalidParameterValue.ExpiredTime	Incorrect `expiretime` .
InvalidParameterValue.FaceDuplicate	Incorrect parameter value: the same face already exists.
InvalidParameterValue.FaceLibrary	Incorrect parameter value: the face library parameter is

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	invalid.
InvalidParameterValue.FaceScore	Incorrect parameter value: the value of the face score parameter is invalid.
InvalidParameterValue.FileId	The `FileId` does not exist.
InvalidParameterValue.FileIds	Incorrect `FileIds` parameter.
InvalidParameterValue.FileIdsEmpty	The `FileIds` array is empty.
InvalidParameterValue.FileIdsTooMany	Incorrect parameter value: too many `FileId`
InvalidParameterValue.FillType	Invalid parameter: incorrect fill type.
InvalidParameterValue.FiltrateAudio	
InvalidParameterValue.FiltrateVideo	
InvalidParameterValue.Format	Incorrect parameter value: Format.
InvalidParameterValue.FormatWebpLackWidthAndHeight	Incorrect parameter value: `Format` is `webp` , but both `Width` and `Height` are empty.
InvalidParameterValue.FormatWebpWidthAndHeightBothZero	Incorrect parameter value: when `Format` is `webp` , `Width` and `Height` cannot be both 0.
InvalidParameterValue.Fps	Invalid parameter: video frame rate.
InvalidParameterValue.FrameTagConfigure	The control field parameter for intelligent frame-specific tagging is incorrect.
InvalidParameterValue.FunctionArg	Incorrect parameter value: FunctionArg.

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InvalidParameterValue.FunctionName	Incorrect parameter value: FunctionName.
InvalidParameterValue.Height	Invalid parameter: height.
InvalidParameterValue.HighlightConfigure	Invalid intelligent highlight generating control parameter.
InvalidParameterValue.ImageContent	Invalid `ImageContent`.
InvalidParameterValue.ImageDecodeError	Failed to Base64-decode the image.
InvalidParameterValue.ImageTemplate	Invalid parameter: image watermarking template.
InvalidParameterValue.Index	Index parameter error.
InvalidParameterValue.Interval	Invalid `Interval` value
InvalidParameterValue.InvalidOperationType	Invalid `OperationType`.
InvalidParameterValue.IsPersistence	
InvalidParameterValue.Isps	Invalid `Isps`.
InvalidParameterValue.ItemId	
InvalidParameterValue.KeyFrameDescContentTooLong	Incorrect parameter value: the timestamp content is too long.
InvalidParameterValue.LabelSet	Incorrect parameter value: the value of the `LabelSet` parameter is invalid.
InvalidParameterValue.Labels	Parameter error: Invalid label.
InvalidParameterValue.Limit	Invalid parameter: Limit.
InvalidParameterValue.LimitTooLarge	Incorrect parameter value: `Limit` is too large.
InvalidParameterValue.MediaManifestContent	Incorrect parameter value: MediaManifestContent.
InvalidParameterValue.MediaType	Incorrect parameter value: media type.

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InvalidParameterValue.MediaUrl	Incorrect parameter value: media file URL.
InvalidParameterValue.Metric	Parameter error: Invalid metric.
InvalidParameterValue.ModifyDefaultTemplate	Incorrect parameter value: the default template cannot be modified.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.NamePrefixes	Invalid filename prefix.
InvalidParameterValue.Names	Too many elements in the `Names` array.
InvalidParameterValue.NotRestorable	Parameter error: The file cannot be restored.
InvalidParameterValue.ObjectLibrary	Incorrect parameter value: the value of the object library parameter is invalid.
InvalidParameterValue.Offset	Incorrect parameter value: invalid `Offset` .
InvalidParameterValue.OffsetTooLarge	Incorrect parameter value: `Offset` is too large.
InvalidParameterValue.Operation	Incorrect parameter value: invalid `Operation` .
InvalidParameterValue.OriginalStorageClass	Parameter error: Current storage class error.
InvalidParameterValue.OutputMediaType	
InvalidParameterValue.ParentId	Incorrect parameter value: invalid `ParentId`
InvalidParameterValue.PicFormatError	Incorrect parameter value: the face image format is incorrect.
InvalidParameterValue.Precision	

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InvalidParameterValue.Procedure	
InvalidParameterValue.ProcedureName	The task flow template name is invalid.
InvalidParameterValue.Quality	Incorrect parameter value: Quality.
InvalidParameterValue.RemoveAudio	Incorrect parameter value: RemoveAudio.
InvalidParameterValue.RemoveVideo	Incorrect parameter value: RemoveVideo.
InvalidParameterValue.RepeatType	Invalid parameter: invalid `RepeatType`.
InvalidParameterValue.Resolution	Invalid parameter: incorrect resolution.
InvalidParameterValue.ResolutionAdaptive	Invalid `ResolutionAdaptive`.
InvalidParameterValue.RestoreDay	Parameter error: Invalid `RestoreDay`.
InvalidParameterValue.RestoreTier	Parameter error: Unsupported retrieval mode.
InvalidParameterValue.ReviewConfidence	Incorrect parameter value: the value of the `ReviewConfidence` parameter is invalid.
InvalidParameterValue.ReviewWallSwitch	Incorrect parameter value: the value of the `ReviewWallSwitch` parameter is invalid.
InvalidParameterValue.RoundPlayAlreadyExists	A playlist with the same id already exists.
InvalidParameterValue.RoundPlayId	RoundPlayId parameter error.
InvalidParameterValue.RoundPlaylist	RoundPlaylist parameter length error.

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InvalidParameterValue.RowCount	Incorrect parameter value: RowCount.
InvalidParameterValue.SampleInterval	Incorrect parameter value: SampleInterval.
InvalidParameterValue.SampleRate	Invalid audio sample rate.
InvalidParameterValue.SampleType	Incorrect parameter value: SampleType.
InvalidParameterValue.ScreenshotInterval	Incorrect parameter value: the value of the `ScreenshotInterval` parameter is invalid.
InvalidParameterValue.SessionContextTooLong	`SessionContext` is too long.
InvalidParameterValue.SessionId	The deduplication ID already exists. The request is removed due to duplication.
InvalidParameterValue.SessionIdTooLong	`SessionId` is too long.
InvalidParameterValue.Sort	Incorrect parameter value: invalid `Sort` .
InvalidParameterValue.SoundSystem	Incorrect parameter: audio channel system.
InvalidParameterValue.SourceType	Incorrect parameter value: invalid `SourceType` .
InvalidParameterValue.SourceTypes	Unknown media file source.
InvalidParameterValue.StartTime	Incorrect parameter value: invalid `StartTime` .
InvalidParameterValue.StartTimeOffset	Incorrect parameter: the start time is invalid.
InvalidParameterValue.Status	Incorrect parameter value: the value of human confirmation result is invalid.
InvalidParameterValue.StorageClass	Parameter error: The target storage class is not allowed.

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InvalidParameterValue.StorageRegion	Incorrect parameter value: `StorageRegion`.
InvalidParameterValue.StorageRegions	Invalid `StorageRegions`.
InvalidParameterValue.StorageType	Incorrect parameter value: StorageType.
InvalidParameterValue.StreamIdInvalid	Incorrect parameter value: invalid `StreamId`.
InvalidParameterValue.StreamIds	Invalid stream ID.
InvalidParameterValue.SubAppId	Incorrect parameter value: application id.
InvalidParameterValue.SubtitleFormat	Incorrect parameter value: the value of the `SubtitleFormat` parameter is invalid.
InvalidParameterValue.SvgTemplate	Incorrect parameter value: SVG is empty.
InvalidParameterValue.SvgTemplateHeight	Incorrect parameter value: SVG height.
InvalidParameterValue.SvgTemplateWidth	Incorrect parameter value: SVG width.
InvalidParameterValue.Switch	Incorrect parameter value: the value of the `Switch` parameter is invalid.
InvalidParameterValue.TEHDType	Incorrect parameter value: `TEHD Type` is invalid.
InvalidParameterValue.TagConfigure	The control field parameter for intelligent tagging is incorrect.
InvalidParameterValue.TagTooLong	Incorrect parameter value: the tag is too long.
InvalidParameterValue.Tags	Incorrect parameter value: invalid `Tags`.

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InvalidParameterValue.TaskId	The task ID does not exist.
InvalidParameterValue.Text	Incorrect parameter value: search text.
InvalidParameterValue.TextAlpha	Invalid parameter: text transparency.
InvalidParameterValue.TextTemplate	Invalid parameter: text template.
InvalidParameterValue.Thumbnails	Parameter error: Invalid `Thumbnail` value.
InvalidParameterValue.TimeType	Incorrect parameter value: TimeType.
InvalidParameterValue.Type	Incorrect `Type` parameter value.
InvalidParameterValue.Types	Invalid `Types`.
InvalidParameterValue.UniqueIdentifier	The deduplication ID already exists on the same day. The request is removed due to duplication.
InvalidParameterValue.UnsupportedRestoreTier	Parameter error: This retrieval mode is not supported for the file.
InvalidParameterValue.UnsupportedStorageClass	Parameter error: Unsupported target storage class. DEEP ARCHIVE is only supported in certain regions.
InvalidParameterValue.UnsupportedTransition	Parameter error: Unsupported storage class change.
InvalidParameterValue.Url	Incorrect parameter: the URL is invalid.
InvalidParameterValue.UserDefineLibraryLabelSet	Incorrect parameter value: the custom face library filter tag is invalid.

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InvalidParameterValue.Vcrf	Incorrect `vcrf`.
InvalidParameterValue.VideoBitrate	Invalid parameter: video stream bitrate.
InvalidParameterValue.VideoCodec	Invalid parameter: video stream encoder.
InvalidParameterValue.Vids	Invalid `Vids`.
InvalidParameterValue.VodSessionKey	Incorrect parameter value: VOD session.
InvalidParameterValue.Watermarks	Parameter error: Invalid `Watermarks` value.
InvalidParameterValue.Width	Invalid parameter: width.
InvalidParameterValue.XPos	The horizontal position of the origin of the watermark relative to the origin of coordinates of the video. % and px formats are supported.
InvalidParameterValue.YPos	The vertical position of the origin of the watermark relative to the origin of coordinates of the video. % and px formats are supported.
LimitExceeded.KeyFrameDescCountReachMax	Limit exceeded: the total number of new and old timestamps exceeds the limit.
LimitExceeded.PlayList	Playlist length too large.
LimitExceeded.RoundPlays	Exceeds broadcast playlist total limit.
LimitExceeded.RunningRoundPlays	Running broadcast playlists exceed maximum quantity.
LimitExceeded.TagCountReachMax	Limit exceeded: the total number of new and old tags exceeds the limit.

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LimitExceeded.TooMuchTemplate	Limit exceeded: The number of templates exceeds the upper limit of 100. If you need more, pleaseSubmit a ticket.
ResourceNotFound.CoverUrl	The resource does not exist: the cover does not exist.
ResourceNotFound.FileNotExist	The resource does not exist: the file does not exist.
ResourceNotFound.Person	The resource does not exist: figure.
ResourceNotFound.ServiceNotExist	The service is not activated.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
ResourceNotFound.UserNotExist	The user does not exist.
ResourceNotFound.Word	The resource does not exist: keyword.
ResourceUnavailable.MasterPlaylist	Incorrect parameter: M3U8 of `MasterPlaylist` is not supported.
UnauthorizedOperation.DomainRecordNotVerified	
UnsupportedOperation.ClassNotEmpty	Non-empty categories cannot be deleted.

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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 si
gnature is correct."
},
"RequestId": "ed93f3cb-f35e-473f-b9f3-0d451b8b79c6"
}
}
```

Code in Error indicates the error code, and Message indicates the specific information of the error.

Error Code List

Common Error Codes

Error Code	Description
ActionOffline	This API has been deprecated.
AuthFailure.InvalidAuthorization	`Authorization` in the request header is invalid.
AuthFailure.InvalidSecretId	Invalid key (not a TencentCloud API key type).
AuthFailure.MFAFailure	MFA failed.
AuthFailure.SecretIdNotFound	Key does not exist. Check if the key has been deleted or disabled in the console, and if not, check if the key is correctly entered. Note that whitespaces should not exist before or after the key.
AuthFailure.SignatureExpire	Signature expired. Timestamp and server time cannot differ by more than five minutes. Please

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	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.
InternalError	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

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	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.BucketIdNotMatch	The application ID does not match the bucket ID.
FailedOperation.BucketIncrementalMigrationStrategyDeploying	The incremental migration strategy for the bucket is currently being deployed.
FailedOperation.IncrementalMigrationStrategyOverLimit	The number of incremental migration strategies for the bucket is over the limit.
FailedOperation.StorageRegionBucketOverLimit	The storage capacity in this region has exceeded the limit.
InvalidFilter	Invalid filter.
InvalidParameterValue.UnsupportedStorageRegion	Unsupported storage region.
ResourceNotFound.IncrementalMigrationStrategyNotFound	The incremental migration strategy was not

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	found.
UnauthorizedOperation.SubApp	Application is unauthorized.