Media Processing Service

API Documentation

Product Documentation

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Error Codes

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API Documentation History

Last updated：2023-10-12 16:44:36

Release 28

Release time: 2023-10-12 16:40:08

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeTaskDetail
  - New output parameters:LiveScheduleTask
- EditMedia
  - New input parameters:ComposeConfig
- ParseNotification
  - New output parameters:Timestamp, Sign
- ProcessLiveStream
  - New input parameters:AiAnalysisTask, AiQualityControlTask, ScheduleId

New data structures:

- AudioBeautifyConfig
- AudioDenoiseConfig
- AudioEnhanceConfig
- AudioSeparateConfig
- ComposeAudioItem
- ComposeAudioOperation
- ComposeAudioStream
- ComposeCanvas
- ComposeEmptyItem
- ComposeImageItem
- ComposeImageOperation
- ComposeMediaConfig
- ComposeMediaItem

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- ComposeMediaTrack
- ComposeSourceMedia
- ComposeStyles
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- ComposeTargetInfo
- ComposeTrackTime
- ComposeTransitionItem
- ComposeTransitionOperation
- ComposeVideoItem
- ComposeVideoStream
- LiveActivityResItem
- LiveActivityResult
- LiveRecordFile
- LiveRecordResult
- LiveRecordTaskInput
- LiveScheduleLiveRecordTaskResult
- LiveScheduleTask
- VolumeBalanceConfig

Modified data structures:

- EditMediaFileInfo
  - New members:Id
- EnhanceConfig
  - New members:AudioEnhance
- SchedulesInfo
  - New members:Type
  - **Modified members:** Status
- TaskNotifyConfig
  - New members:NotifyKey

Release 27

Release time: 2023-09-05 17:58:35

Release updates:

Improvement to existing documentation.

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New data structures:

- DrmInfo
- SimpleAesDrm

Modified data structures:

- AdaptiveDynamicStreamingTaskInput
  - New members:DrmInfo

Release 26

Release time: 2023-08-23 18:03:26

Release updates:

Improvement to existing documentation.

New data structures:

- AddOnSubtitle

Modified data structures:

- AdaptiveDynamicStreamingTaskInput
  - New members:AddOnSubtitles
- OverrideTranscodeParameter
  - New members:StdExtInfo, AddOnSubtitles

Release 25

Release time: 2023-04-23 16:54:15

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeSchedules
  - New input parameters:TriggerType
- ProcessMedia
  - New input parameters:AiQualityControlTask

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New data structures:

- AiAnalysisTaskHighlightInput
- AiAnalysisTaskHighlightOutput
- AiAnalysisTaskHighlightResult
- AiQualityControlTaskInput
- HighlightSegmentItem
- MediaAiAnalysisHighlightItem
- QualityControlData
- QualityControlItem
- QualityControlResult
- ScheduleQualityControlTaskResult

Modified data structures:

- AiAnalysisResult
  - New members:HighlightTask
- ScheduleTask
  - New members:ErrCode, Message
- WorkflowTask
  - New members:AiQualityControlTaskResult

Release 24

Release time: 2023-04-23 14:35:29

Release updates:

Improvement to existing documentation.

Modified data structures:

- OverrideTranscodeParameter
  - New members:AddonAudioStream

Release 23

Release time: 2023-03-13 12:10:59

Release updates:

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Improvement to existing documentation.

New APIs:

- CreateSchedule
- DeleteSchedule
- DescribeSchedules
- DisableSchedule
- EnableSchedule
- ModifySchedule

New data structures:

- Activity
- ActivityPara
- AwsS3FileUploadTrigger
- AwsSQS
- S3InputInfo
- S3OutputStorage
- SchedulesInfo

Modified data structures:

- MediaInputInfo
  - New members:S3InputInfo
- TaskNotifyConfig
  - New members:AwsSQS
- TaskOutputStorage
  - New members:S3OutputStorage
- WorkflowTrigger
  - New members:AwsS3FileUploadTrigger

Release 22

Release time: 2023-02-15 11:30:19

Release updates:

Improvement to existing documentation.

Modified data structures:

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- AiAnalysisTaskInput
  - New members:ExtendedParameter

Release 21

Release time: 2022-12-29 15:38:52

Release updates:

Improvement to existing documentation.

Modified APIs:

- ProcessMedia
  - New input parameters:TaskType

Modified data structures:

- LiveStreamTaskNotifyConfig
  - **Modified members:** CmqModel, CmqRegion
- TaskNotifyConfig
  - **Modified members:** CmqModel, CmqRegion

Release 20

Release time: 2022-11-18 14:58:38

Release updates:

Improvement to existing documentation.

Modified APIs:

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

New data structures:

- AiRecognitionTaskTransTextResult
- AiRecognitionTaskTransTextResultInput

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- AiRecognitionTaskTransTextResultOutput
- AiRecognitionTaskTransTextSegmentItem
- LiveStreamTransTextRecognitionResult
- SubtitleTemplate

Modified data structures:

- AiRecognitionResult
  - New members:TransTextTask
- AudioTemplateInfoForUpdate
  - New members:StreamSelects
- ImageSpriteTemplate
  - New members:Format
- LiveStreamAiRecognitionResultItem
  - New members:TransTextRecognitionResultSet
- OverrideTranscodeParameter
  - New members:SubtitleTemplate

Release 19

Release time: 2022-10-08 10:52:22

Release updates:

Improvement to existing documentation.

Modified data structures:

- EditMediaOutputConfig
  - New members:Type
- TaskSimpleInfo
  - New members:SubTaskTypes

Release 18

Release time: 2022-08-01 17:24:03

Release updates:

Improvement to existing documentation.

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Modified APIs:

- CreateTranscodeTemplate
  - New input parameters:EnhanceConfig
- DescribeTaskDetail
  - New output parameters:ScheduleTask
- DescribeTasks
  - New output parameters:TotalCount
- DescribeTranscodeTemplates
  - New input parameters:TranscodeType
- ModifyTranscodeTemplate
  - New input parameters:EnhanceConfig
- ParseNotification
  - New output parameters:ScheduleTaskEvent
- ProcessMedia
  - New input parameters:ScheduleId

New data structures:

- ActivityResItem
- ActivityResult
- ArtifactRepairConfig
- ColorEnhanceConfig
- EnhanceConfig
- FaceEnhanceConfig
- FrameRateConfig
- HdrConfig
- ImageQualityEnhanceConfig
- LowLightEnhanceConfig
- ScheduleAnalysisTaskResult
- ScheduleRecognitionTaskResult
- ScheduleReviewTaskResult
- ScheduleTask
- ScratchRepairConfig
- SharpEnhanceConfig
- SuperResolutionConfig
- VideoDenoiseConfig
- VideoEnhanceConfig

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Modified data structures:

- TranscodeTemplate
  - New members:EnhanceConfig

Release 17

Release time: 2022-06-20 10:20:43

Release updates:

Improvement to existing documentation.

Modified data structures:

- AiRecognitionTaskFaceResultItem
  - New members:Gender, Birthday, Profession, SchoolOfGraduation, Abstract, PlaceOfBirth, PersonType, Remark, Url

Release 16

Release time: 2022-05-19 16:44:18

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeAIAnalysisTemplates
  - New input parameters:Type
- DescribeAIRecognitionTemplates
  - New input parameters:Type
- DescribeContentReviewTemplates
  - New input parameters:Type

Modified data structures:

- AIAnalysisTemplateItem
  - New members:Type
- AIRecognitionTemplateItem
  - New members:Type

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Release 15

Release time: 2022-05-11 16:12:35

Release updates:

Improvement to existing documentation.

Modified data structures:

- ContentReviewTemplateItem
  - New members:Type

Release 14

Release time: 2022-05-09 11:28:21

Release updates:

Improvement to existing documentation.

Modified data structures:

- VideoTemplateInfoForUpdate
  - New members:ContentAdaptStream

Release 13

Release time: 2021-12-03 10:13:05

Release updates:

Improvement to existing documentation.

Modified data structures:

- MediaProcessTaskTranscodeResult
  - New members:Progress

Release 12

Release time: 2021-10-21 11:00:14

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Release updates:

Improvement to existing documentation.

Modified data structures:

- MediaVideoStreamItem
  - New members:HdrType

Release 11

Release time: 2021-10-13 15:53:24

Release updates:

Improvement to existing documentation.

Modified data structures:

- LiveStreamTaskNotifyConfig
  - New members:NotifyType, NotifyUrl

Release 10

Release time: 2021-08-24 15:51:49

Release updates:

Improvement to existing documentation.

Modified data structures:

- MediaAudioStreamItem
  - New members:Channel
- MediaVideoStreamItem
  - New members:ColorPrimaries, ColorSpace, ColorTransfer

Release 9

Release time: 2021-08-06 14:45:15

Release updates:

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Improvement to existing documentation.

New data structures:

- HeadTailParameter

Modified data structures:

- TaskNotifyConfig
  - New members:NotifyType, NotifyUrl
- TranscodeTaskInput
  - New members:HeadTailParameter

Release 8

Release time: 2021-07-28 17:01:34

Release updates:

Improvement to existing documentation.

Modified APIs:

- EditMedia
  - New input parameters:OutputConfig

New data structures:

- EditMediaOutputConfig

Release 7

Release time: 2021-06-04 10:40:17

Release updates:

Improvement to existing documentation.

Modified data structures:

- RawImageWatermarkInput
  - New members:RepeatType

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Release 6

Release time: 2021-01-21 17:53:03

Release updates:

Improvement to existing documentation.

Modified data structures:

- ImageWatermarkInput
  - New members:RepeatType
- ImageWatermarkInputForUpdate
  - New members:RepeatType
- ImageWatermarkTemplate
  - New members:RepeatType
- TranscodeTaskInput
  - New members:StartTimeOffset, EndTimeOffset

Release 5

Release time: 2020-12-24 11:17:16

Release updates:

Improvement to existing documentation.

New data structures:

- OverrideTranscodeParameter
- UrlInputInfo

Modified data structures:

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

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- AiRecognitionTaskAsrFullTextResult
  - New members:ErrCodeExt
- AiRecognitionTaskAsrWordsResult
  - New members:ErrCodeExt
- AiRecognitionTaskFaceResult
  - New members:ErrCodeExt
- AiRecognitionTaskOcrFullTextResult
  - New members:ErrCodeExt
- AiRecognitionTaskOcrWordsResult
  - 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
  - New members:ErrCodeExt
- MediaInputInfo
  - New members:UrlInputInfo
- MediaProcessTaskAdaptiveDynamicStreamingResult
  - New members:ErrCodeExt
- MediaProcessTaskAnimatedGraphicResult
  - New members:ErrCodeExt
- MediaProcessTaskImageSpriteResult
  - New members:ErrCodeExt

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- MediaProcessTaskSampleSnapshotResult
  - New members:ErrCodeExt
- MediaProcessTaskSnapshotByTimeOffsetResult
  - New members:ErrCodeExt
- MediaProcessTaskTranscodeResult
  - New members:ErrCodeExt
- TranscodeTaskInput
  - New members:OverrideParameter
- VideoTemplateInfo
  - New members:Vcrf
- VideoTemplateInfoForUpdate
  - New members:Vcrf

Release 4

Release time: 2020-10-16 18:33:05

Release updates:

Improvement to existing documentation.

New APIs:

- ExecuteFunction

Release 3

Release time: 2020-09-17 17:24:46

Release updates:

Improvement to existing documentation.

Modified data structures:

- MediaAiAnalysisFrameTagItem
  - New members:CategorySet

Release 2

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Release time: 2020-08-13 20:08:53

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeTaskDetail
  - New output parameters:ExtInfo

Existing Release

Release time: 2020-07-24 14:21:20

Existing APIs/data structures are as follows:

Improvement to existing documentation.

Existing APIs:

- CreateAIAnalysisTemplate
- CreateAIRecognitionTemplate
- CreateAdaptiveDynamicStreamingTemplate
- CreateAnimatedGraphicsTemplate
- CreateContentReviewTemplate
- CreateImageSpriteTemplate
- CreatePersonSample
- CreateSampleSnapshotTemplate
- CreateSnapshotByTimeOffsetTemplate
- CreateTranscodeTemplate
- CreateWatermarkTemplate
- CreateWordSamples
- CreateWorkflow
- DeleteAIAnalysisTemplate
- DeleteAIRecognitionTemplate
- DeleteAdaptiveDynamicStreamingTemplate
- DeleteAnimatedGraphicsTemplate
- DeleteContentReviewTemplate
- DeleteImageSpriteTemplate
- DeletePersonSample
- DeleteSampleSnapshotTemplate

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- DeleteSnapshotByTimeOffsetTemplate
- DeleteTranscodeTemplate
- DeleteWatermarkTemplate
- DeleteWordSamples
- DeleteWorkflow
- DescribeAIAnalysisTemplates
- DescribeAIRecognitionTemplates
- DescribeAdaptiveDynamicStreamingTemplates
- DescribeAnimatedGraphicsTemplates
- DescribeContentReviewTemplates
- DescribeImageSpriteTemplates
- DescribeMediaMetaData
- DescribePersonSamples
- DescribeSampleSnapshotTemplates
- DescribeSnapshotByTimeOffsetTemplates
- DescribeTaskDetail
- DescribeTasks
- DescribeTranscodeTemplates
- DescribeWatermarkTemplates
- DescribeWordSamples
- DescribeWorkflows
- DisableWorkflow
- EditMedia
- EnableWorkflow
- ManageTask
- ModifyAIAnalysisTemplate
- ModifyAIRecognitionTemplate
- ModifyAdaptiveDynamicStreamingTemplate
- ModifyAnimatedGraphicsTemplate
- ModifyContentReviewTemplate
- ModifyImageSpriteTemplate
- ModifyPersonSample
- ModifySampleSnapshotTemplate
- ModifySnapshotByTimeOffsetTemplate
- ModifyTranscodeTemplate
- ModifyWatermarkTemplate
- ModifyWordSample
- ParseLiveStreamProcessNotification

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- ParseNotification
- ProcessLiveStream
- ProcessMedia
- ResetWorkflow

Existing data structures:

- AIAnalysisTemplateItem
- AIRecognitionTemplateItem
- AdaptiveDynamicStreamingInfoItem
- AdaptiveDynamicStreamingTaskInput
- AdaptiveDynamicStreamingTemplate
- AdaptiveStreamTemplate
- AiAnalysisResult
- AiAnalysisTaskClassificationInput
- AiAnalysisTaskClassificationOutput
- AiAnalysisTaskClassificationResult
- AiAnalysisTaskCoverInput
- AiAnalysisTaskCoverOutput
- AiAnalysisTaskCoverResult
- AiAnalysisTaskFrameTagInput
- AiAnalysisTaskFrameTagOutput
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- AiAnalysisTaskInput
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- AiContentReviewResult
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- AiRecognitionTaskAsrFullTextResultInput
- AiRecognitionTaskAsrFullTextResultOutput
- AiRecognitionTaskAsrFullTextSegmentItem
- AiRecognitionTaskAsrWordsResult
- AiRecognitionTaskAsrWordsResultInput
- AiRecognitionTaskAsrWordsResultItem
- AiRecognitionTaskAsrWordsResultOutput

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- AiRecognitionTaskAsrWordsSegmentItem
- AiRecognitionTaskFaceResult
- AiRecognitionTaskFaceResultInput
- AiRecognitionTaskFaceResultItem
- AiRecognitionTaskFaceResultOutput
- AiRecognitionTaskFaceSegmentItem
- AiRecognitionTaskInput
- AiRecognitionTaskOcrFullTextResult
- AiRecognitionTaskOcrFullTextResultInput
- AiRecognitionTaskOcrFullTextResultOutput
- AiRecognitionTaskOcrFullTextSegmentItem
- AiRecognitionTaskOcrFullTextSegmentTextItem
- AiRecognitionTaskOcrWordsResult
- AiRecognitionTaskOcrWordsResultInput
- AiRecognitionTaskOcrWordsResultItem
- AiRecognitionTaskOcrWordsResultOutput
- AiRecognitionTaskOcrWordsSegmentItem
- AiReviewPoliticalAsrTaskInput
- AiReviewPoliticalAsrTaskOutput
- AiReviewPoliticalOcrTaskInput
- AiReviewPoliticalOcrTaskOutput
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- AiReviewPoliticalTaskOutput
- AiReviewPornAsrTaskInput
- AiReviewPornAsrTaskOutput
- AiReviewPornOcrTaskInput
- AiReviewPornOcrTaskOutput
- AiReviewPornTaskInput
- AiReviewPornTaskOutput
- AiReviewProhibitedAsrTaskInput
- AiReviewProhibitedAsrTaskOutput
- AiReviewProhibitedOcrTaskInput
- AiReviewProhibitedOcrTaskOutput
- AiReviewTaskPoliticalAsrResult
- AiReviewTaskPoliticalOcrResult
- AiReviewTaskPoliticalResult
- AiReviewTaskPornAsrResult
- AiReviewTaskPornOcrResult

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- AiReviewTaskPornResult
- AiReviewTaskProhibitedAsrResult
- AiReviewTaskProhibitedOcrResult
- AiReviewTaskTerrorismOcrResult
- AiReviewTaskTerrorismResult
- AiReviewTerrorismOcrTaskInput
- AiReviewTerrorismOcrTaskOutput
- AiReviewTerrorismTaskInput
- AiReviewTerrorismTaskOutput
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- AiSampleFailFaceInfo
- AiSamplePerson
- AiSampleTagOperation
- AiSampleWord
- AiSampleWordInfo
- AnimatedGraphicTaskInput
- AnimatedGraphicsTemplate
- AsrFullTextConfigureInfo
- AsrFullTextConfigureInfoForUpdate
- AsrWordsConfigureInfo
- AsrWordsConfigureInfoForUpdate
- AudioTemplateInfo
- AudioTemplateInfoForUpdate
- ClassificationConfigureInfo
- ClassificationConfigureInfoForUpdate
- ContentReviewTemplateItem
- CosFileUploadTrigger
- CosInputInfo
- CosOutputStorage
- CoverConfigureInfo
- CoverConfigureInfoForUpdate
- EditMediaFileInfo
- EditMediaTask
- EditMediaTaskInput
- EditMediaTaskOutput
- FaceConfigureInfo
- FaceConfigureInfoForUpdate

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- FrameTagConfigureInfo
- FrameTagConfigureInfoForUpdate
- ImageSpriteTaskInput
- ImageSpriteTemplate
- ImageWatermarkInput
- ImageWatermarkInputForUpdate
- ImageWatermarkTemplate
- LiveStreamAiRecognitionResultInfo
- LiveStreamAiRecognitionResultItem
- LiveStreamAiReviewImagePoliticalResult
- LiveStreamAiReviewImagePornResult
- LiveStreamAiReviewImageTerrorismResult
- LiveStreamAiReviewResultInfo
- LiveStreamAiReviewResultItem
- LiveStreamAiReviewVoicePornResult
- LiveStreamAsrFullTextRecognitionResult
- LiveStreamAsrWordsRecognitionResult
- LiveStreamFaceRecognitionResult
- LiveStreamOcrFullTextRecognitionResult
- LiveStreamOcrWordsRecognitionResult
- LiveStreamProcessErrorInfo
- LiveStreamProcessTask
- LiveStreamTaskNotifyConfig
- MediaAiAnalysisClassificationItem
- MediaAiAnalysisCoverItem
- MediaAiAnalysisFrameTagItem
- MediaAiAnalysisFrameTagSegmentItem
- MediaAiAnalysisTagItem
- MediaAnimatedGraphicsItem
- MediaAudioStreamItem
- MediaContentReviewAsrTextSegmentItem
- MediaContentReviewOcrTextSegmentItem
- MediaContentReviewPoliticalSegmentItem
- MediaContentReviewSegmentItem
- MediaImageSpriteItem
- MediaInputInfo
- MediaMetaData
- MediaProcessTaskAdaptiveDynamicStreamingResult

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- MediaProcessTaskAnimatedGraphicResult
- MediaProcessTaskImageSpriteResult
- MediaProcessTaskInput
- MediaProcessTaskResult
- MediaProcessTaskSampleSnapshotResult
- MediaProcessTaskSnapshotByTimeOffsetResult
- MediaProcessTaskTranscodeResult
- MediaSampleSnapshotItem
- MediaSnapshotByTimeOffsetItem
- MediaSnapshotByTimePicInfoItem
- MediaTranscodeItem
- MediaVideoStreamItem
- MosaicInput
- NumberFormat
- OcrFullTextConfigureInfo
- OcrFullTextConfigureInfoForUpdate
- OcrWordsConfigureInfo
- OcrWordsConfigureInfoForUpdate
- PoliticalAsrReviewTemplateInfo
- PoliticalAsrReviewTemplateInfoForUpdate
- PoliticalConfigureInfo
- PoliticalConfigureInfoForUpdate
- PoliticalImgReviewTemplateInfo
- PoliticalImgReviewTemplateInfoForUpdate
- PoliticalOcrReviewTemplateInfo
- PoliticalOcrReviewTemplateInfoForUpdate
- PornAsrReviewTemplateInfo
- PornAsrReviewTemplateInfoForUpdate
- PornConfigureInfo
- PornConfigureInfoForUpdate
- PornImgReviewTemplateInfo
- PornImgReviewTemplateInfoForUpdate
- PornOcrReviewTemplateInfo
- PornOcrReviewTemplateInfoForUpdate
- ProhibitedAsrReviewTemplateInfo
- ProhibitedAsrReviewTemplateInfoForUpdate
- ProhibitedConfigureInfo
- ProhibitedConfigureInfoForUpdate

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- ProhibitedOcrReviewTemplateInfo
- ProhibitedOcrReviewTemplateInfoForUpdate
- RawImageWatermarkInput
- RawTranscodeParameter
- RawWatermarkParameter
- SampleSnapshotTaskInput
- SampleSnapshotTemplate
- SnapshotByTimeOffsetTaskInput
- SnapshotByTimeOffsetTemplate
- SvgWatermarkInput
- SvgWatermarkInputForUpdate
- TEHDConfig
- TEHDConfigForUpdate
- TagConfigureInfo
- TagConfigureInfoForUpdate
- TaskNotifyConfig
- TaskOutputStorage
- TaskSimpleInfo
- TerrorismConfigureInfo
- TerrorismConfigureInfoForUpdate
- TerrorismImgReviewTemplateInfo
- TerrorismImgReviewTemplateInfoForUpdate
- TerrorismOcrReviewTemplateInfo
- TerrorismOcrReviewTemplateInfoForUpdate
- TextWatermarkTemplateInput
- TextWatermarkTemplateInputForUpdate
- TranscodeTaskInput
- TranscodeTemplate
- UserDefineAsrTextReviewTemplateInfo
- UserDefineAsrTextReviewTemplateInfoForUpdate
- UserDefineConfigureInfo
- UserDefineConfigureInfoForUpdate
- UserDefineFaceReviewTemplateInfo
- UserDefineFaceReviewTemplateInfoForUpdate
- UserDefineOcrTextReviewTemplateInfo
- UserDefineOcrTextReviewTemplateInfoForUpdate
- VideoTemplateInfo
- VideoTemplateInfoForUpdate

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- WatermarkInput
- WatermarkTemplate
- WorkflowInfo
- WorkflowTask
- WorkflowTrigger

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Introduction

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Media Processing Service (MPS) is a cloud-based multimedia transcoding and processing service capable of handling vast amounts of data. You can use it to transcode your videos stored in the cloud to make them suitable for OTT services or playback on PC and mobile devices. You can also transcode videos to different bitrates and resolutions for different platforms. Other services offered by MPS include watermarking, video screenshot, smart thumbnail generation, and smart editing.

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API Category

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Workflow Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DisableSchedule	Disables a scheme	20
EnableSchedule	Enables a scheme	20
DeleteSchedule	Deletes a scheme	20
CreateSchedule	Creates a scheme	20
CreateWorkflow	Creates a workflow	200
DeleteWorkflow	Deletes a workflow	20
DescribeSchedules	Queries a scheme	20
DescribeWorkflows	Get the workflow list	20
DisableWorkflow	Disables a workflow	20
EnableWorkflow	Enables a workflow	20
ModifySchedule	Modifies a scheme	20
ResetWorkflow	Resets a workflow	20

Parameter Template APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateTranscodeTemplate	Creates a transcoding template	100
CreateWatermarkTemplate	Creates a watermarking template	100

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CreateAnimatedGraphicsTemplate	Creates an animated image generating 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
CreateAdaptiveDynamicStreamingTemplate	Creates adaptive bitrate streaming templates	20
CreateContentReviewTemplate	Creates a content moderation template	10
CreateAIAnalysisTemplate	Creates content analysis template	10
CreateAIRecognitionTemplate	Creates a content recognition template	10
DeleteTranscodeTemplate	Deletes a transcoding template	100
DeleteWatermarkTemplate	Deletes a watermarking template	100
DeleteAnimatedGraphicsTemplate	Deletes an animated image generating template	100
DeleteSnapshotByTimeOffsetTemplate	Deletes a time point screencapturing template	100
DeleteSampleSnapshotTemplate	Deletes a sampled screencapturing template	100
DeleteImageSpriteTemplate	Deletes an image sprite generating template	100
DeleteAdaptiveDynamicStreamingTemplate	Deletes an adaptive bitrate streaming template	20
DeleteContentReviewTemplate	Deletes a content moderation template	10

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DeleteAIAnalysisTemplate	Deletes content analysis template	10
DeleteAIRecognitionTemplate	Deletes a content recognition template	10
DescribeTranscodeTemplates	Gets the list of transcoding templates	100
DescribeWatermarkTemplates	Gets the list of watermarking templates	100
DescribeAnimatedGraphicsTemplates	Gets the list of animated image generating 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
DescribeAdaptiveDynamicStreamingTemplates	Gets the list of adaptive bitrate streaming templates	20
DescribeContentReviewTemplates	Queries content moderation templates	10
DescribeAIAnalysisTemplates	Gets content analysis template list	10
DescribeAIRecognitionTemplates	Gets the list of content recognition templates	10
ModifyTranscodeTemplate	Modifies a transcoding template	100
ModifyWatermarkTemplate	Modifies a watermarking template	100
ModifyAnimatedGraphicsTemplate	Modifies an animated image generating template	100
ModifySnapshotByTimeOffsetTemplate	Modifies a time point screencapturing template	100

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ModifySampleSnapshotTemplate	Modifies a sampled screencapturing template	100
ModifyImageSpriteTemplate	Modifies an image sprite generating template	100
ModifyAdaptiveDynamicStreamingTemplate	Modifies an adaptive bitrate streaming template	20
ModifyContentReviewTemplate	Modifies a content moderation template	10
ModifyAIAnalysisTemplate	Modifies content analysis template	10
ModifyAIRecognitionTemplate	Modifies a content recognition template	10

Media Processing APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeMediaMetaData	Gets media metadata	20
EditMedia	Edits video	20
ProcessLiveStream	Initiates a live stream processing task	100
ProcessMedia	Starts a media processing task	100

Other APIs

API Name	Feature	Frequency Limit (maximum requests per second)
ExecuteFunction	Runs a custom API	20
ParseLiveStreamProcessNotification	Parses the live stream processing result	20
ParseNotification	Parses an event notification	20

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Task Management APIs

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

AI-based Sample Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreatePersonSample	Creates image samples	100
CreateWordSamples	Creates keyword samples	100
DeletePersonSample	Deletes image samples	100
DeleteWordSamples	Deletes keyword samples	100
DescribePersonSamples	Gets the list of image samples	100
DescribeWordSamples	Gets the list of keyword samples	100
ModifyPersonSample	Modifies image samples	100
ModifyWordSample	Modifies a keyword sample	100

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Making API Requests
Request Structure

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1. Service Address

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

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South Asia (Mumbai)	mps.ap-mumbai.tencentcloudapi.com
Northeast Asia (Seoul)	mps.ap-seoul.tencentcloudapi.com
Northeast Asia (Tokyo)	mps.ap-tokyo.tencentcloudapi.com
U.S. East Coast (Virginia)	mps.na-ashburn.tencentcloudapi.com
U.S. West Coast (Silicon Valley)	mps.na-siliconvalley.tencentcloudapi.com
North America (Toronto)	mps.na-toronto.tencentcloudapi.com
Europe (Frankfurt)	mps.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=AKIDEXAMPLE/Date/service/tc3_requ SignedHeaders=content-type;host, Signature=fe5f80f77d5fa3beca038a248ff027d0445342fe2855ddc96317 Here: - TC3-HMAC-SHA256: Signature method, currently fixed as this value; - Credential: Signature credential; AKIDEXAMPLE is the SecretId; Date i UTC time, and this value must match the value of X-TC-Timestamp (a co

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			parameter) in UTC time format; service is the name of the product/service generally a domain name prefix. For example, a domain name cvm.tencen refers to the CVM 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 tempora 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=AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE/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=AKIDEXAMPLE/2018-05-30/cvm/tc3_request,
SignedHeaders=content-type;host, Signature=582c400e06b5924a6f2b5d7d672d79c15b1316
2d9279b0855cfba6789a8edb4c
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):

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

Authorization: TC3-HMAC-SHA256 Credential=AKIDEXAMPLE/2018-05-30/cvm/tc3_request,
SignedHeaders=content-type;host, Signature=582c400e06b5924a6f2b5d7d672d79c15b1316
2d9279b0855cfba6789a8edb4c
Content-Type: multipart/form-data; boundary=58731222010402
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1527672334
X-TC-Region: ap-guangzhou

--58731222010402
Content-Disposition: form-data; name="Offset"

0
--58731222010402
Content-Disposition: form-data; name="Limit"

10
--58731222010402--
```

Common parameters for Signature Algorithm v1

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

Parameter Name	Type	Required	Description
Action	String	Yes	The name of the API for the desired operation. For the specific value, see the description of common parameter `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.

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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&Sign
atureMethod=HmacSHA256&Timestamp=1527672334&Signature=37ac2f4fde00b0ac9bd9eadeb45
9b1bbee224158d66e7ae5fcadb70b2d181d02&Region=ap-guangzhou&Nonce=23823223&SecretId
=AKIDEXAMPLE

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

Example of an HTTP POST request structure:

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```
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=AKIDEXAMPLE
```

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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 `AKIDz8krbsJ5yKBZQpn74WFkmLPx3******` and `Gu5t9xGARNpq86cd98joQYCN3*******`, 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=AKIDz8krbsJ5yKBZQpn74WFkmLPx3******
*/2019-02-25/cvm/tc3_request, SignedHeaders=content-type;host, Signature=c492e8e4
1437e97a620b728c301bb8d17e7dc0c17eeabce80c20cd70fc3a78ff" \
-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' +
```

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```
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`

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	`[{"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 `99d58dfbc6745f6747f36bfca17dee5e6881dc0428a0a36f96199342bc5b4`

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 `2015/cvm/tc3_request` .

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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 = "Gu5t9xGARNpq86cd98joQYCN3*******"
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., `Gu5t9xGARNpq86cd98joQYCN3*******` .
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.

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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., `AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******` .
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 `c492e8e41437e97a620b728c301bb8d17e7dc0c17eeabce80c20cd70fc3a78ff` .

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

```
TC3-HMAC-SHA256 Credential=AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******/2019-02-25/cvm/tc
3_request, SignedHeaders=content-type;host, Signature=c492e8e41437e97a620b728c301
bb8d17e7dc0c17eeabce80c20cd70fc3a78ff
```

The following example shows a finished authorization header:

```
POST https://cvm.tencentcloudapi.com/
Authorization: TC3-HMAC-SHA256 Credential=AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******/20
19-02-25/cvm/tc3_request, SignedHeaders=content-type;host, Signature=c492e8e41437
e97a620b728c301bb8d17e7dc0c17eeabce80c20cd70fc3a78ff
Content-Type: application/json; charset=utf-8
Host: cvm.tencentcloudapi.com
```

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```
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=AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******&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.

Java

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```
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 = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******";
private final static String SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3*******";
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";
```

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```
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("\"")
```

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```
.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 = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******"
secret_key = "Gu5t9xGARNpq86cd98joQYCN3*******"

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

# ************* 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" +
```

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```
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

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```go
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 := "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******"
secretKey := "Gu5t9xGARNpq86cd98joQYCN3*******"
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,
```

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```
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

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```php
<?php
$secretId = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******";
$secretKey = "Gu5t9xGARNpq86cd98joQYCN3*******";
$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 = 'AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******'
secret_key = 'Gu5t9xGARNpq86cd98joQYCN3*******'

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 = ''
```

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```
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 \
```

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```
+ ' -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
```

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```
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);
```

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```
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 = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******";
string SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3*******";

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\": [\"\\u672a\\u5
47d\\u540d\"], \"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);
}
}
```

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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 = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******"
const SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3*******"

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"
```

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```
+ 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()
```

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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;
```

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```
}
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]);
}
```

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```
return output;
}

int main()
{
string SECRET_ID = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******";
string SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3*******";

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");
```

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```
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: `AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******`
- SecretKey: `Gu5t9xGARNpq86cd98joQYCN3*******`

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	`AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******`
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' : 'AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******',
'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=AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******&Timestamp=1465
185768&Version=2017-03-12
```

2.3. Concatenating the Signature Original String

This step generates a signature original string.

The signature original string consists of the following parameters:

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

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

The concatenation result of the example is:

```
GETcvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&L
imit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKIDz8krbsJ5yKBZQpn74WF
kmLPx3*******&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

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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 = 'Gu5t9xGARNpq86cd98joQYCN3*******';
$srcStr = 'GETcvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins
-09dx96dg&Limit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKIDz8krbsJ5
yKBZQpn74WFkmLPx3*******&Timestamp=1465185768&Version=2017-03-12';
$signStr = base64_encode(hash_hmac('sha1', $srcStr, $secretKey, true));
echo $signStr;
```

The final signature is:

```
zmmjn35mikh6pM3V7sUEuX4wyYM=
```

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 zmmjn35mikh6pM3V7sUEuX4wyYM=, the final signature string request parameter (Signature) is zmmjn35mikh6pM3V7sUEuX4wyYM%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

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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=AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******&Signature=zmmjn35mikh6pM3V7sUEuX4wyYM%3D&Timestamp=1465185768&Version=2017-03-12
```

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

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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("&");
```

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```
}
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", "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******"); // 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), "Gu5t9xGARNpq86cd98joQYCN3*
******", "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 = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******"
secret_key = "Gu5t9xGARNpq86cd98joQYCN3*******"
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)
```

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```
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 := "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******"
secretKey := "Gu5t9xGARNpq86cd98joQYCN3*******"
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
```

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```
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 = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******";
$secretKey = "Gu5t9xGARNpq86cd98joQYCN3*******";
$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
```

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```
// $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 = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******"
secret_key = "Gu5t9xGARNpq86cd98joQYCN3*******"
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
```

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```
# 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 = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******";
string SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3*******";
string endpoint = "cvm.tencentcloudapi.com";
string region = "ap-guangzhou";
string action = "DescribeInstances";
string version = "2017-03-12";
double RequestTimestamp = 1465185768;
```

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```
// 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){
```

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```
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 = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******"
const SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3*******"
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'])
```

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```
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：2020-07-17 10:10:31

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.

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

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Starts a media processing task DescribeMediaMetaData

Last updated：2023-10-12 16:44:47

1. API Description

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

This API is used to get the metadata of media, such as video image width/height, codec, length, and frame rate.

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: DescribeMediaMetaData.
Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
InputInfo	Yes	MediaInputInfo	Input information of file for metadata getting.

3. Output Parameters

Parameter	Type	Description

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

4. Example

Example1 Getting video information

Input Example

```
https://mps.tencentcloudapi.com/?Action=DescribeMediaMetaData
&InputInfo.Type=COS
&InputInfo.CosInputInfo.Bucket=TopRankVideo-125xxx88
&InputInfo.CosInputInfo.Region=ap-chongqing
&InputInfo.CosInputInfo.Object=/movie/201907/WildAnimal.mov
&<Common request parameters>
```

Output Example


```
{
"Response": {
"MetaData": {
"AudioDuration": 380.9465637207031,
"AudioStreamSet": [
{
"Bitrate": 95999,
"Codec": "aac",
"SamplingRate": 44100
}
],
"Bitrate": 409657,
"Container": "mov,mp4,m4a,3gp,3g2,mj2",
"Duration": 380.9465637207031,
"Height": 360,
"Rotate": 0,
"Size": 19626862,
"VideoDuration": 380.8804931640625,
"VideoStreamSet": [
{
"Bitrate": 313658,
"Codec": "h264",
```


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```
"Fps": 29,
"Height": 360,
"Width": 480
}
],
"Width": 480
},
"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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameter	Parameter error.

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InvalidParameterValue.SrcFile	Source file error.

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EditMedia

Last updated：2023-10-12 16:44:47

1. API Description

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

This API is used to edit a video to generate a new video. Editing actions may include:

1. **Simple editing**: Simple video editing such as clipping and splicing
   1.1 Clipping a file to generate a new video
   1.2 Splicing multiple files to generate a new video
   1.3 Clipping multiple files and then splicing the clips to generate a new video

2. **Compositing**: Composing a new video as required
   2.1 Adding different tracks (video, audio, subtitles) or elements (video, image, audio, text, empty)
   2.2 Image: Adding, scaling, rotating, or mirroring an image
   2.3 Audio: Adjusting volume and adding audio effects such as fade and reverb
   2.4 Video: Adding transition effects, changing playback speed, splicing and clipping videos, adding subtitles, playing videos picture-in-picture, separating audio from videos, adding animation effects, etc.

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: EditMedia.

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Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
FileInfos.N	Yes	Array of EditMediaFileInfo	Information of input video file.
OutputStorage	Yes	TaskOutputStorage	The storage location of the media processing output file.
OutputObjectPath	Yes	String	The path to save the media processing output file. Note: For complex compositing tasks, the filename can be up to 64 characters long and can only contain digits, letters, and special characters -_
OutputConfig	No	EditMediaOutputConfig	The output settings for a video clipping task.
ComposeConfig	No	ComposeMediaConfig	The settings for a video compositing task. Note: If this parameter is not empty, the task is a video compositing task. Otherwise, the task is a video clipping task.
TaskNotifyConfig	No	TaskNotifyConfig	Event notification information of task. If this parameter is left empty, no event notifications will be obtained.
TasksPriority	No	Integer	Task priority. The higher the value, the higher the priority. Value range: -10–10. If this parameter is left empty, 0 will be used.
SessionId	No	String	The ID used for deduplication. If there was a request with the same ID in the last three days, the current request will return an error. The ID can contain up to 50 characters. If this parameter is left empty or an empty string is entered, no deduplication will be performed.
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

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			of this field. It can contain up to 1,000 characters.

3. Output Parameters

Parameter Name	Type	Description
TaskId	String	Video editing task ID, which can be used to query the status of an editing task.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Clipping a file to generate a new video

Input Example

```
https://mps.tencentcloudapi.com/?Action=EditMedia
&FileInfos.0.InputInfo.Type=COS
&FileInfos.0.InputInfo.CosInputInfo.Bucket=TopRankVideo-125xxx88
&FileInfos.0.InputInfo.CosInputInfo.Region=ap-chongqing
&FileInfos.0.InputInfo.CosInputInfo.Object=/movie/201907/WildAnimal.mov
&FileInfos.0.StartTimeOffset=60.0
&FileInfos.0.EndTimeOffset=120.0
&OutputStorage.Type=COS
&OutputStorage.CosOutputStorage.Bucket=TopRankVideo-125xxx88
&OutputStorage.CosOutputStorage.Region=ap-chongqing
&OutputObjectPath=/clip_result/clip_WildAnimal.{format}
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TaskId": "125xxx88-EditMedia-bffb15f07530b57bc1aabb01fac74bca"
}
}
```

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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
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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameter	Parameter error.

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ProcessMedia

Last updated：2023-10-12 16:44:47

1. API Description

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

This API is used to initiate processing tasks for media specified by a URL or in COS. Such tasks may include the following:

1. Video transcoding (general transcoding, Top Speed Codec, audio/video enhancement)
2. Animated image generating
3. Time point screencapturing
4. Sampled screencapturing
5. Image sprite generating
6. Adaptive bitrate streaming
7. Intelligent content moderation (detection of pornographic and sensitive content)
8. Intelligent content analysis (labeling, categorization, thumbnail generation, labeling by frame, splitting, highlight generation, opening and closing segment recognition)
9. Intelligent content recognition (face, full text, text keyword, full speech, speech keyword, speech translation, object 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: ProcessMedia.

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Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
InputInfo	Yes	MediaInputInfo	The information of the file to process.
OutputStorage	No	TaskOutputStorage	The storage location of the media processing output file. If this parameter is left empty, the storage location in `InputInfo` will be inherited.
OutputDir	No	String	The directory to save the media processing output file, which must start and end with `/` , such as `/movie/201907/` . If you do not specify this parameter, the file will be saved to the directory specified in `InputInfo` .
ScheduleId	No	Integer	The scheme ID. Note 1: About `OutputStorage` and `OutputDir` • If an output storage and directory are specified for a subtask of the scheme, those output settings will be applied. • If an output storage and directory are not specified for the subtasks of a scheme, the output parameters passed in the `ProcessMedia` API will be applied. Note 2: If `TaskNotifyConfig` is specified, the specified settings will be used instead of the default callback settings of the scheme. Note 3: The trigger configured for a scheme is for automatically starting a scheme. It stops working when you manually call this API to start a scheme.
MediaProcessTask	No	MediaProcessTaskInput	The media processing parameters to use.

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AiContentReviewTask	No	AiContentReviewTaskInput	Type parameter of a video content audit task.
AiAnalysisTask	No	AiAnalysisTaskInput	Video content analysis task parameter.
AiRecognitionTask	No	AiRecognitionTaskInput	Type parameter of a video content recognition task.
AiQualityControlTask	No	AiQualityControlTaskInput	The parameters of a quality control task.
TaskNotifyConfig	No	TaskNotifyConfig	Event notification information of a task. If this parameter is left empty, no event notifications will be obtained.
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.
SessionId	No	String	The ID used for deduplication. If there was a request with the same ID in the last three days, the current request will return an error. The ID can contain up to 50 characters. If this parameter is left empty or an empty string is entered, no deduplication will be performed.
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.
TaskType	No	String	The task type. • `Online` (default): A task that is executed immediately. • `Offline` : A task that is executed when the system is idle (within three days by default).

3. Output Parameters

Parameter Name	Type	Description

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

4. Example

Example1 Initiating a transcoding task

This example shows you how to initiate a transcoding task for a COS endpoint to transcode videos according to the transcoding templates 20, 30, and 40.

Input Example

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

{
"MediaProcessTask": {
"TranscodeTaskSet": [
{
"Definition": "30"
},
{
"Definition": "20"
},
{
"Definition": "40"
}
]
},
"InputInfo": {
"Type": "COS",
"CosInputInfo": {
"Region": "ap-chongqing",
"Object": "/movie/201907/WildAnimal.mov",
"Bucket": "TopRankVideo-125xxx88"
}
}
}
```

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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 .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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameter	Parameter error.

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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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ProcessLiveStream

Last updated：2023-10-12 16:44:47

1. API Description

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

This API is used to initiate live stream processing tasks. Such tasks may include the following:

- Intelligent content moderation (detection of pornographic content in images and audio, detection of sensitive information)
- Intelligent content recognition (face, full text, text keyword, full speech, speech keyword, real-time speech translation, object recognition, game event tracking)
- Intelligent content analysis (real-time news splitting)
- Quality control, including recognizing live stream format, checking audio/video content for flickering, blur, low light, overexposure, black bars, white bars, black screen, white screen, noise, pixelation, QR code, etc., and no-reference scoring.
- Recording

HTTP callbacks are supported for live stream processing events. Notifications can also be written in real time to and read from a CMQ queue. The output files of processing tasks are saved to the storage you specify.

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: ProcessLiveStream.

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Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Url	Yes	String	Live stream URL, which must be a live stream file address. RTMP, HLS, and FLV are supported.
TaskNotifyConfig	Yes	LiveStreamTaskNotifyConfig	Event notification information of a task, which is used to specify the live stream processing result.
OutputStorage	No	TaskOutputStorage	Target bucket of a live stream processing output file. This parameter is required if a file will be output.
OutputDir	No	String	Target directory of a live stream processing output file, such as `/movie/201909/` . If this parameter is left empty, the `/` directory will be used.
AiContentReviewTask	No	AiContentReviewTaskInput	Type parameter of a video content audit task.
AiRecognitionTask	No	AiRecognitionTaskInput	Type parameter of video content recognition task.
AiAnalysisTask	No	AiAnalysisTaskInput	
AiQualityControlTask	No	AiQualityControlTaskInput	
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 an empty string is entered, no deduplication will be performed.
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

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			this field. It can contain up to 1,000 characters.
ScheduleId	No	Integer	The live scheme ID. Note 1: • If an output storage (`OutputStorage`) and directory (`OutputDir`) are specified for a subtask of the scheme, those output settings will be applied. u200c • If an output storage (`OutputStorage`) and directory (`OutputDir`) are not specified for a subtask of the scheme, the output parameters specified for `ProcessLiveStream` (if any) will be applied. Note 2: If `TaskNotifyConfig` is specified when `ProcessLiveStream` is called, the specified settings will be applied instead of the default callback settings of the scheme.

3. Output Parameters

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

4. Example

Example1 Initiating a live stream recognition task

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This example shows you how to initiate a content recognition task for a live stream whose URL is `http://www.abc.com/abc.m3u8`.

Input Example

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

{
"Url": "http://www.abc.com/abc.m3u8",
"AiRecognitionTask": {
"Definition": "10"
},
"TaskNotifyConfig": {
"CmqRegion": "gz",
"CmqModel": "Queue",
"QueueName": "queue-125717729292"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5ca61e3a-6b8e-4b4e-9256-fdc701190064ef0",
"TaskId": "125xxxxxx07-live-procedure-813dc41e6fdc22dcf24aa6e9c61cp92"
}
}
```

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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameter	Parameter error.
InvalidParameterValue.Definition	Parameter error: Definition.
InvalidParameterValue.Definitions	Parameter error: Definitions.
InvalidParameterValue.SessionId	The deduplication ID already exists. The request is removed due to duplication.

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Parameter Template APIs
ModifyWatermarkTemplate

Last updated：2023-10-12 16:44:39

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	Unique ID of a watermarking template.
Name	No	String	Watermarking template name. Length limit: 64 characters.

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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, `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.

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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 required when `Type` is `svg` and is invalid when `Type` is `image` or `text`.

3. Output Parameters

Parameter Name	Type	Description
ImageUrl	String	Image watermark address. This field is valid only when `ImageTemplate.ImageContent` is non-empty.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

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4. Example

Example1 Modifying a watermark template

Input Example

```
https://mps.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

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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

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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InternalError.UploadWatermarkError	Internal error: failed to upload watermark image.
InvalidParameterValue.Comment	Parameter error: template description.
InvalidParameterValue.CoordinateOrigin	Incorrect parameter value: CoordinateOrigin.
InvalidParameterValue.Height	Parameter error: height.
InvalidParameterValue.ImageContent	Invalid ImageContent
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.RepeatType	Parameter error: invalid `RepeatType` .
InvalidParameterValue.SvgTemplateHeight	Incorrect parameter value: SVG height.
InvalidParameterValue.SvgTemplateWidth	Incorrect parameter value: SVG width.
InvalidParameterValue.TextAlpha	Parameter error: text transparency.
InvalidParameterValue.Type	Parameter error: incorrect `Type` value.
InvalidParameterValue.Width	Parameter error: Wwdth.
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.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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ModifyTranscodeTemplate

Last updated：2023-10-12 16:44:39

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	Unique ID of a transcoding template.
Container	No	String	Container format. Valid values: mp4; flv; hls; mp3; flac; ogg; m4a. Among them, mp3, flac, ogg, and m4a are for audio files.
Name	No	String	Name of a transcoding template. Length limit: 64 characters.

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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. To enable it, please contact your Tencent Cloud sales rep.
EnhanceConfig	No	EnhanceConfig	Audio/Video enhancement settings.

3. Output Parameters

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

4. Example

Example1 Modifying a transcoding template

Input Example

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

{
"Definition": 1008,
"Container": "mp4",
```

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```
"VideoTemplate": {
"Codec": "libx264",
"Bitrate": 256,
"Fps": 60
},
"AudioTemplate": {
"SampleRate": 48000,
"Codec": "libfdk_aac",
"Bitrate": 200
}
}
```

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

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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InternalError.AccessDBError	Data error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.AudioBitrate	Parameter error: Audio stream bitrate.
InvalidParameterValue.AudioChannel	Incorrect parameter value: AudioChannel.
InvalidParameterValue.AudioCodec	Parameter error: audio stream codec.
InvalidParameterValue.AudioSampleRate	Parameter error: audio stream sample rate.
InvalidParameterValue.Container	Parameter error: container format.
InvalidParameterValue.Fps	Parameter error: video frame rate.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.RemoveAudio	Incorrect parameter value: RemoveAudio.
InvalidParameterValue.RemoveVideo	Incorrect parameter value: RemoveVideo.
InvalidParameterValue.Resolution	Parameter error: Incorrect resolution.
InvalidParameterValue.ResolutionAdaptive	Invalid ResolutionAdaptive
InvalidParameterValue.SampleRate	Invalid audio sample rate.
InvalidParameterValue.TEHDType	Incorrect parameter value: invalid `TEHD Type` .
InvalidParameterValue.Type	Parameter error: incorrect `Type` value.
InvalidParameterValue.VideoBitrate	Parameter error: video stream bitrate.
InvalidParameterValue.VideoCodec	Parameter error: video stream codec.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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ModifySnapshotByTimeOffsetTemplate

Last updated：2023-10-12 16:44:40

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	Unique ID of a time point screencapturing template.
Name	No	String	Name of a time point screencapturing template. Length limit: 64 characters.
Width	No	Integer	Image width in px. Value range: [128, 4,096].
Height	No	Integer	Image height 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;

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			• 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.
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. • 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, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Modifying a time point screenshot template

Input Example

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

{
"Definition": "10001",
"Format": "jpg",
"Height": "960",
"Name": "Time point screenshot template 1",
"Width": "540"
}
```

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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue.Comment	Parameter error: template description.
InvalidParameterValue.FillType	Invalid parameter: incorrect fill type.
InvalidParameterValue.Format	Incorrect parameter value: Format.
InvalidParameterValue.Height	Parameter error: height.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.Width	Parameter error: Wwdth.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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ModifySampleSnapshotTemplate

Last updated：2023-10-12 16:44:40

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	Unique ID of a sampled screencapturing template.
Name	No	String	Name of a sampled screencapturing template. Length limit: 64 characters.
Width	No	Integer	Image width in px. Value range: [128, 4,096].
Height	No	Integer	Image height 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;

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			• 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	The image format. Valid values: jpg, png, webp.
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. • 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, which is returned for each request. RequestId is required for locating a problem.

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4. Example

Example1 Modifying a sampled screenshot template

Input Example

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

{
"Definition": "10001",
"Name": "Sampled screenshot template 1",
"Format": "jpg",
"SampleType": "Percent",
"Height": "960",
"Width": "540",
"SampleInterval": "10"
}
```

Output Example

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

5. Developer Resources

SDK

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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue.Comment	Parameter error: template description.
InvalidParameterValue.FillType	Invalid parameter: incorrect fill type.
InvalidParameterValue.Format	Incorrect parameter value: Format.
InvalidParameterValue.Height	Parameter error: height.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.Resolution	Parameter error: Incorrect resolution.
InvalidParameterValue.SampleInterval	Incorrect parameter value: SampleInterval.
InvalidParameterValue.SampleType	Incorrect parameter value: SampleType.
InvalidParameterValue.Width	Parameter error: Wwdth.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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ModifyImageSpriteTemplate

Last updated：2023-10-12 16:44:40

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	Unique ID of an image sprite generating template.
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:

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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.
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, which is returned for each request. RequestId is required for locating a problem.

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4. Example

Example1 Modifying an image sprite generating template

Input Example

```
POST / HTTP/1.1
Host: mps.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": "96",
"Width": "54",
"SampleInterval": "10"
}
```

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
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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue.ColumnCount	Incorrect parameter value: ColumnCount.
InvalidParameterValue.Height	Parameter error: height.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.Resolution	Parameter error: Incorrect resolution.
InvalidParameterValue.RowCount	Incorrect parameter value: RowCount.
InvalidParameterValue.SampleInterval	Incorrect parameter value: SampleInterval.
InvalidParameterValue.SampleType	Incorrect parameter value: SampleType.
InvalidParameterValue.Width	Parameter error: Wwdth.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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ModifyAnimatedGraphicsTemplate

Last updated：2023-10-12 16:44:40

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	Unique ID of an animated image generating template.
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;

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

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4. Example

Example1 Modifying an animated image generating template

Input Example

```
https://mps.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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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue.Comment	Parameter error: 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	Parameter error: video frame rate.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.Quality	Incorrect parameter value: Quality.
InvalidParameterValue.Resolution	Parameter error: Incorrect resolution.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DescribeWatermarkTemplates

Last updated：2023-10-12 16:44:41

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definitions.N	No	Array of Integer	Unique ID filter of watermarking templates. Array length limit: 100.
Type	No	String	Watermark type filter. Valid values: • image: Image watermark; • text: Text watermark.
Offset	No	Integer	Paging offset. Default value: 0.
Limit	No	Integer	Number of returned entries • Default value: 10;

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

4. Example

Example1 Getting watermark templates

Input Example

```
https://mps.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.vts2.myqcloud.com/8b0dd2b5vtscq1256768367/4d27b39f
```

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```
5285890783754292994/aa.jpeg",
"Width": "80%",
"Height": "80%",
"RepeatType": "repeat"
},
"TextTemplate": {
"FontType": "arial.ttf",
"FontSize": "16px",
"FontColor": "0xFF0000",
"FontAlpha": 1
},
"SvgTemplate": {
"Width": "10W%",
"Height": "0px"
},
"CoordinateOrigin": "topLeft",
"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

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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue.Definitions	Parameter error: Definitions.
InvalidParameterValue.Limit	Parameter error: Limit.
InvalidParameterValue.Type	Parameter error: incorrect `Type` value.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DescribeTranscodeTemplates

Last updated：2023-10-12 16:44:41

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
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 format filter. Valid values: • Video: Video container format that can contain both video stream and audio stream;

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			• PureAudio: Audio container format 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	Paging offset. Default value: 0.
Limit	No	Integer	Number of returned entries. Default value: 10. Maximum value: 100.
TranscodeType	No	String	The template type (replacing `TEHDType`). Valid values: • Common: Common transcoding template • TEHD: TESHD template • Enhance: Audio/Video enhancement template. This parameter is left empty by default, which indicates to return all types of templates.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries.
TranscodeTemplateSet	Array of TranscodeTemplate	List of transcoding template details.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying transcoding templates

Input Example

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

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

{
"Definitions": [
"10"
]
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"TranscodeTemplateSet": [
{
"Definition": 1008,
"Container": "mp4",
"Name": "Template 1",
"Comment": null,
"Type": "Preset",
"RemoveVideo": 0,
"RemoveAudio": 0,
"VideoTemplate": {
"Codec": "libx264",
"Fps": 24,
"Bitrate": 256,
"ResolutionAdaptive": "open",
"Width": 0,
"Height": 0,
"FillType": "black"
"Vcrf": 23
},
"AudioTemplate": {
"Codec": "libfdk_aac",
"Bitrate": 48,
"SampleRate": 48000,
"AudioChannel": 2
},
"TEHDConfig": {
"MaxVideoBitrate": 1,
"Type": "TEHD-100"
},
"ContainerType": "Video",
"CreateTime": "2018-10-01T10:00:00Z",
"UpdateTime": "2018-10-01T10:00:00Z"
```

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```
}
],
"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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InternalError.AccessDBError	Data error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.ContainerType	Incorrect parameter value: ContainerType.

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InvalidParameterValue.Definitions	Parameter error: Definitions.
InvalidParameterValue.Limit	Parameter error: Limit.
InvalidParameterValue.TEHDType	Incorrect parameter value: invalid `TEHD Type` .
InvalidParameterValue.Type	Parameter error: incorrect `Type` value.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DescribeSnapshotByTimeOffsetTemplates

Last updated：2023-10-12 16:44:41

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definitions.N	No	Array of Integer	Unique ID filter of time point screencapturing templates. Array length limit: 100.
Offset	No	Integer	Paging 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.

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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, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Getting time point screenshot templates

Input Example

```
https://mps.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",
"Format": "jpg",
"Height": 540,
"Width": 960,
"ResolutionAdaptive": "xx",
"FillType": "black"
}
```

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```
],
"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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue.Limit	Parameter error: Limit.
InvalidParameterValue.Type	Parameter error: incorrect `Type` value.

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DescribeSampleSnapshotTemplates

Last updated：2023-10-12 16:44:41

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definitions.N	No	Array of Integer	Unique ID filter of sampled screencapturing templates. Array length limit: 100.
Offset	No	Integer	Paging 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.

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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, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying sampled screenshot templates

Input Example

```
https://mps.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",
"SampleInterval": 10,
"ResolutionAdaptive": "xx",
"FillType": "black",
"Width": 960
```

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```
}
],
"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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue.Limit	Parameter error: Limit.
InvalidParameterValue.Type	Parameter error: incorrect `Type` value.

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DescribeImageSpriteTemplates

Last updated：2023-10-12 16:44:42

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definitions.N	No	Array of Integer	Unique ID filter of image sprite generating templates. Array length limit: 100.
Offset	No	Integer	Paging 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.

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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, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying image sprite generating templates

Input Example

```
https://mps.tencentcloudapi.com/?Action=DescribeImageSpriteTemplates
&Definitions.0=10001
&<Common request parameters>
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"ImageSpriteTemplateSet": [
{
"Definition": 10001,
"Name": "Image sprite generating template 1",
"CreateTime": "2018-10-01T10:00:00Z",
"UpdateTime": "2018-10-01T10:00:00Z",
"Height": 540,
"SampleType": "Percent",
"SampleInterval": 10,
"RowCount": 10,
"ColumnCount": 5,
"ResolutionAdaptive": "xx",
"FillType": "black",
"Comment": "",
"Type": "Preset",
"Width": 960
```

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```
}
],
"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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue.Limit	Parameter error: Limit.
InvalidParameterValue.Type	Parameter error: incorrect `Type` value.

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DescribeAnimatedGraphicsTemplates

Last updated：2023-10-12 16:47:40

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definitions.N	No	Array of Integer	Unique ID filter of animated image generating templates. Array length limit: 100.
Offset	No	Integer	Paging 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.

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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, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying animated image generating templates

Input Example

```
https://mps.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,
"ResolutionAdaptive": "open",
"Type": "Preset",
"Quality": 0.0,
"Comment": ""
}
```

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```
],
"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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue.Limit	Parameter error: Limit.
InvalidParameterValue.Type	Parameter error: incorrect `Type` value.

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DeleteWatermarkTemplate

Last updated：2023-10-12 16:44:43

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	Unique ID of a watermarking template.

3. Output Parameters

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

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		locating a problem.

4. Example

Example1 Deleting a watermark template

Input Example

```
https://mps.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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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue.Definition	Parameter error: Definition.
ResourceNotFound	The resource does not exist.

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DeleteTranscodeTemplate

Last updated：2023-10-12 16:44:43

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	Unique ID of a transcoding template.

3. Output Parameters

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

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		locating a problem.

4. Example

Example1 Deleting a transcoding template

Input Example

```
https://mps.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

- 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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InternalError.AccessDBError	Data error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.Definition	Parameter error: Definition.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DeleteSnapshotByTimeOffsetTemplate

Last updated：2023-10-12 16:44:43

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	Unique ID of a time point screencapturing template.

3. Output Parameters

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

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		locating a problem.

4. Example

Example1 Deleting a time point screenshot template

Input Example

```
https://mps.tencentcloudapi.com/?Action=DeleteSnapshotByTimeOffsetTemplate
&Definition=10001
&<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

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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DeleteSampleSnapshotTemplate

Last updated：2023-10-12 16:44:43

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	Unique ID of a sampled screencapturing template.

3. Output Parameters

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

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4. Example

Example1 Deleting a sampled screenshot template

Input Example

```
https://mps.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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- 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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DeleteImageSpriteTemplate

Last updated：2023-10-12 16:44:43

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	Unique ID of an image sprite generating template.

3. Output Parameters

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

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		locating a problem.

4. Example

Example1 Deleting an image sprite generating template

Input Example

```
https://mps.tencentcloudapi.com/?Action=DeleteImageSpriteTemplate
&Definition=10001
&<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 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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DeleteAnimatedGraphicsTemplate

Last updated：2023-10-12 16:44:44

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	Unique ID of an animated image generating template.

3. Output Parameters

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

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		locating a problem.

4. Example

Example1 Deleting an animated image generating template

Input Example

```
https://mps.tencentcloudapi.com/?Action=DeleteAnimatedGraphicsTemplate
&Definition=10001
&<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

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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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CreateWatermarkTemplate

Last updated：2023-10-12 16:44:44

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Type	Yes	String	Watermarking type. Valid values: • image: Image watermark; • text: Text watermark; • svg: SVG watermark.
Name	No	String	Watermarking template name. Length limit: 64 characters.
Comment	No	String	Template description. Length limit: 256 characters.

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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;

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			• 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 and valid only when `Type` is `image`.
TextTemplate	No	TextWatermarkTemplateInput	Text watermarking template. This field is required and valid only when `Type` is `text`.
SvgTemplate	No	SvgWatermarkInput	SVG watermarking template. This field is required and valid only when `Type` is `svg`.

3. Output Parameters

Parameter Name	Type	Description
Definition	Integer	Unique ID of a watermarking template.
ImageUrl	String	Watermark image address. This field is valid only when `Type` is `image`.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Creating a watermark template

Input Example

```
https://mps.tencentcloudapi.com/?Action=CreateWatermarkTemplate
&Type=image
&Name=Template 1
&ImageTemplate.ImageContent=/9j/4AAQSkZJRgABAQAAAQABAAD/2wCEAAkGBxITEhUSEhIVFRUXF
RUXFxcYFRUVFRUXFxUXFhUVFxUYHSggGBolHRUXITEhJSkrLi4uFx8zODMtNygtLisBCgoKDg0OGhAQFy
```

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0dHx4tLS0tLS0tLS0tLSstLS0tLS0tLS0tLS0tLS0tLS0tLS0tLTEtLS0tLS0rLS0tKystLf/AABEIAOE
A4AMBIgACEQEDEQH/xAAcAAAABwEBAAAAAAAAAAAAAAAAAQIDBAUGBwj/xABBEAABAwIDBAYHBQYGAwAA
AAABAAIRAwQFITESQVFhBiJxkbHREzJTgaHB8BRCUpKTByNigrLxFTRDcsLhM1Rz/8QAGQEAAgMBAAAAA
AAAAAAAAAAAAQIAAwQF/8QAJBEAAgIBBAICAwEAAAAAAAAAAAECEQMSITFBBFEiMhMjYXH/2gAMAwEAAh
EDEQA/AIX2+t7ar+o/zRfb63tqv6j/ADTUIQtBjsd+31vbVf1H+aL7fX9tV/Uf5pqEIQJY7/iFb21X9R/
mh9vr+2q/qP8ANMwgQpRLHf8AEK3tqv6j/NGMQr+2q/qP80zCEKEski/re2q/qP8ANKbfVvbVf1H+ajwo
WIYoyllq7gPmpsgq2XAv63tqv6j/ADVdd9KjTy9PVJ4B7z81l8QxirV0Ba3g3zVYST9cUjn6LY4/Zpbjp
vcfdfUHbVcT3SkjprdD77v1H696zgCVO7/v3JLZZoRpmdObjeX/AKr1Mt+nB+8+qP53H5rEo4R1MDgjpt
nj5qepXeTw9I6fFTxd1fa1Pzu81yOm8ggtMEbwYVvY9JKzIBggbuKZT9lbxPpnRxdVfa1Pzu80r7VV9rU
/O7zWXw3pbSedmoCw8dR7+C01JwcJaZB3qxNMqakuR0XVX2tT87vNLFzV9pU/O7zSA1LDURbFi5q+0qfn
d5pYuKntH/nd5puEpQFjouantH/nd5pX2qp7R/53eaYlBQlsf+11PaP/ADu80l13U9o/87vNNNIlCWzMoQ
jQhAcKEEaIBQgUII0FCBQiJAElB7gBJMQsxf4wXy0AhvdISylQ0Y2SMWxv7lPjmcvgs/UcSZmZP9kezyj
j2pOzvGSpbs0RikEEptLf2TwCWxmcd/ZPxS2tPuge7kgMILdSkBvBSXndpz+RTtKlkZy0+PZwhCw0QCSi
2fFPejIMRPxS30ico/t2qWiURnZpI7FKFqcssuKYeIP1vRTTJTQkBaPoz0i9D+7qepOR12f8ApZwHkkwm
ToWUU1TOx29drwHNIIInIp9c36KYyaVXYc47DgGxwzyK6NTcCARvAV8ZWjJOOli0aEIwEwgSMBKARgIEE
whspyEShDLII4RIDhII0FCBIFGo2IVwym4kxke/cgRFHjuJSTTYerHWMb+3kqZoLj7+9Jc7aPPxV3hNiX
EZADjH1KzTlW7NkIXsiHZYW5+eyYHxVlR6NvdnkB2z8Mlp7e1AAaFY06cLFPO+jdDx49mab0a2iC52mXA
nxACm0+irIzzjTcPfvKvmU0+1qqeaXst/DD0Zl3Rdu4xlHFHTwEs062WcyI7AtT6NIexD8kvYfxx9GVo4
K1pMNGZ3+CeZhbQZLRKvKlNNejQc5ewqEfRQV7UcOaq7zD2O1Ga1NzRVPc0iE8Jv2LLGn0Zm9wwaj4CFV
VaZBha6o3dxVHf0QOS148jfJkyY64Kk8ZW56KdI9oMo1D1vVBO/PL4LEP8A7o7WrsuDomDotMZUZJx1I7
SAlQoWCXAqUWOBnqiTzjNWELQY6CASoRgI1AhIiEopKhDLIIIIBCKCNEoEJUHSetk1g+ty0CyWPVD6aNM
oHv18Ek3sPjVsrrVvW0lbTCaUAKjwq1GpOnJanC2b/FYMsrOlhVFrb0lMp0km3arCiwLG0bExFK2lPfZ4
1Cm2jQpbqLYTRhaFc6ZViiCkvt+AVm2m0Jymz3fW9NoBrM8LfNIdbRuVldNgmNDoolV6TT0OnZXVaCqL6
jCviclV328dyUYzl01U2JDIrQ3TVR3rMytOJmbKigq09/MppwU59IZ8PBQnDPVbYsxNHRv2fX23RLD/AK
Zgc5khawLn37N7mH1KXEbU9mXzXQVohwY8i+QaCCNOIEiISkShDKokaCUYEIkaChBLisZibiazs8pAy13
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yM6eNE6gpVN+5RKDlNpMJVDNCJNJTPS5KOylopLaE5po2B0KbU+venm1ITTqB5ptzCrN0KN3jSRKq3unJ
W5okhQa1OEkk+RkytqSoN4JCtq4Crq7JVdMbUZ69VY6mCSD9cleX1GNypqhhytgVzKW+so0yVTUbBWquK
e0DKzl7Sg71rxy6MeSNbl10ArbNyRl1mkaZ6jRdPXK+gz2tugXDMNMdpLfkuqBbIcGHL9g0oJKNWFQaJG
hChDKII0EoQoQQhBQICFj6/8AmncA45fWi2KymM0w25aR97Z8YPgqsvBbh+xsMLoiGkD6zP8A0rkiAmLC
mA0RwT1ycoXMe7OtHZCqB3wra3qCP7LD4njrGnYY/IZFwgkn8LZy96qX9IqzjDQ7I9oAO8neU0MLe7Elm
SOoPvWgxI707Tv2zr9ZrlDcRuHDIOnsjszOoTmGOutsF0x2p3BLsWORvo67SvAU/dV27gslhty45OV5mR
kq1MuUfYr7V1Y5lZvG8ebSMGc1JxGts9qzt5ZOqzOiCmr3DKL6GK3Slsd3PVQn9J4P0QZ38Uh/R+mZBqg
fGPemn9Grb/28+UfNXLQzM/yIdfj+0c9PrRM3lVr27TSDGfNRLjo8I/d1g7hlBVS61q0jviYR0xfBNc1y
XzXyFT4vEab8lOtasgDtUDGclIL5Bm7iSeg3+cYMs2vGfuM/BdWBXKOh73Nque1oJDCJOjZIMxvOS2GAY
xUfXNJzi9samMnDPKN2q1xyxT0mPJgk059GoSkQSgtBkCQSkSIDKIIBGkHEo0EahAst5AkwJ4rP9KLZ4L
Hlvq5GNI3H4LTW9EOOe6D8lcVMOa5oDhLXNAPvyWHNmlGbXR08GCEsSl2QMDrbVJh/hCRjT6jhsU9TlKa
wC3dSY6k7/Te5o5t1ae4hWgcGgk6rK3Tsvq0Zyw6OsZ16xnt0U6titvbjKkC6JgNzjjET3qPija1Uj0e7
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DC8bO20OZtAQ6RMBwyUSh0LYBL9viPVAjh4Zq8DS9oa5ztlsACGbIAA0yzOSM1B8IMFO9x+zrEEToZj3a
rRUX5LMW1qZGZIzgnhxhXT6sCAs/BdVlL0hqxmFXmr+7l8nOAwA9Y9vBPYt1pb70ixDxBGcZx8DHNRMjQ
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YSetTk9shaVlpbFDw6ndmPxC2DGt9ASSBDwZLSQNQToUeE19oRUHfl8VpK9m85BoH1wUZ1hsbpSPJYyx0
VmIUBq3cRkNM9TKpcbpTsxxhau7I2fFZvEjpyMpsbK8keg8LBaC1mU5E/JaHo5Qgl34XDzWYwh5LxA35r
V4OYqvpRqA75fNR3qLI1odmuSgiASguucICIpSSVAGVQRoJBgkEaJQJIsndaOPnK04jYA/hCyLTBB4LWW
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CHVkdtiD6xntTjLJs6ZeKlbHNIqyeQRbJRGqxOSaeEqqc4RtYUjHiUONU4IISbKvEdqlYvRJGSpretl1g

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```
cjBTJbAkagUmuEjJ3Him3AtOYkcVHwsl4dsuyB6vMfUqwcw6OQ3BQgUwRKgX9LxU0tjRR7t8jNQlGZvNV
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5ZHNPFEaJdagxoMAdqqqqO8v9qWsaR8SQozba4c1z2McQ2ZMRp2oyiwKkt2KfXIChPvIO/MhJuRcgNPoy
doEjIaDwVNQxDaeA4RnCCgBzS4Zp6dTNrhlJ2T/AMT8vekX7oBRUTtFobMbbfhmfBFjOh5mFXJfIfVaK
G/MM7Vf9CKEUXP/ABPPc0AeJKz2MmIHL68Fs8BobFvSb/CHHtd1j4roeIt7OX5j2osUpIBSpXQOcLCNJl
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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

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```
{
"Response": {
"Definition": 1001,
"ImageUrl": "http://1256768367.vts2.myqcloud.com/8b0dd2b5vtscq1256768367/4d27b39f
5285890783754292994/aa.jpeg",
"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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InternalError.GenDefinition	Internal error: failed to generate template ID.

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InternalError.UploadWatermarkError	Internal error: failed to upload watermark image.
InvalidParameterValue.Comment	Parameter error: template description.
InvalidParameterValue.CoordinateOrigin	Incorrect parameter value: CoordinateOrigin.
InvalidParameterValue.Height	Parameter error: height.
InvalidParameterValue.ImageContent	Invalid ImageContent
InvalidParameterValue.ImageTemplate	Parameter error: image watermarking template.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.RepeatType	Parameter error: 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	Parameter error: text transparency.
InvalidParameterValue.TextTemplate	Parameter error: text template.
InvalidParameterValue.Type	Parameter error: incorrect `Type` value.
InvalidParameterValue.Width	Parameter error: Wwdth.
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.TooMuchTemplate	Limit reached: the number of templates exceeds the limit.

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CreateTranscodeTemplate

Last updated：2023-10-12 16:44:45

1. API Description

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

This API is used to create a custom transcoding 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: CreateTranscodeTemplate.
Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Container	Yes	String	Container format. Valid values: mp4; flv; hls; mp3; flac; ogg; m4a. Among them, mp3, flac, ogg, and m4a are for audio files.
Name	No	String	Name of a transcoding template. Length limit: 64 characters.
Comment	No	String	Template description. Length limit: 256 characters.

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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. To enable it, please contact your Tencent Cloud sales rep.
EnhanceConfig	No	EnhanceConfig	Audio/Video enhancement configuration.

3. Output Parameters

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

4. Example

Example1 Creating a transcoding template

Input Example

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

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

{
"RemoveVideo": 0,
"Container": "mp4",
"Name": "test",
"AudioTemplate": {
"SampleRate": 44100,
"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

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

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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InternalError.AccessDBError	Data error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.AudioBitrate	Parameter error: Audio stream bitrate.
InvalidParameterValue.AudioChannel	Incorrect parameter value: AudioChannel.
InvalidParameterValue.AudioCodec	Parameter error: audio stream codec.
InvalidParameterValue.AudioSampleRate	Parameter error: audio stream sample rate.
InvalidParameterValue.Container	Parameter error: container format.
InvalidParameterValue.Fps	Parameter error: video frame rate.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.RemoveAudio	Incorrect parameter value: RemoveAudio.
InvalidParameterValue.RemoveVideo	Incorrect parameter value: RemoveVideo.
InvalidParameterValue.Resolution	Parameter error: Incorrect resolution.
InvalidParameterValue.SampleRate	Invalid audio sample rate.
InvalidParameterValue.TEHDType	Incorrect parameter value: invalid `TEHD Type` .
InvalidParameterValue.Type	Parameter error: incorrect `Type` value.

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InvalidParameterValue.VideoBitrate	Parameter error: video stream bitrate.
InvalidParameterValue.VideoCodec	Parameter error: video stream codec.
LimitExceeded.TooMuchTemplate	Limit reached: the number of templates exceeds the limit.

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CreateSnapshotByTimeOffsetTemplate

Last updated：2023-10-12 16:44:45

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Name	No	String	Name of a time point screencapturing template. Length limit: 64 characters.
Width	No	Integer	Image width in px. Value range: [128, 4,096].
Height	No	Integer	Image height 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.

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			Default value: open.
Format	No	String	The image format. Valid values: jpg (default), png, webp.
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. • 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, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Creating a time point screenshot template

Input Example

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

{
"Width": "540",
"Format": "jpg",
"Name": "Time point screenshot template 1",
"Height": "960"
}
```

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 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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue.Comment	Parameter error: template description.
InvalidParameterValue.Format	Incorrect parameter value: Format.
InvalidParameterValue.Height	Parameter error: height.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.Resolution	Parameter error: Incorrect resolution.
InvalidParameterValue.Width	Parameter error: Wwdth.
LimitExceeded.TooMuchTemplate	Limit reached: the number of templates exceeds the limit.

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CreateSampleSnapshotTemplate

Last updated：2023-10-12 16:44:45

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
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.
Name	No	String	Name of a sampled screencapturing template. Length limit: 64 characters.

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Width	No	Integer	Image width in px. Value range: [128, 4,096].
Height	No	Integer	Image height 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.
Format	No	String	The image format. Valid values: jpg (default), png, webp.
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. • 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, which is returned for each request. RequestId is required for locating a problem.

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4. Example

Example1 Creating a sampled screenshot template

Input Example

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

{
"Name": "Sampled screenshot template 1",
"Format": "jpg",
"SampleType": "Percent",
"Height": "960",
"Width": "540",
"SampleInterval": "10"
}
```

Output Example

```
{
"Response": {
"Definition": 1008,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

5. Developer Resources

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue.Comment	Parameter error: template description.
InvalidParameterValue.Format	Incorrect parameter value: Format.
InvalidParameterValue.Height	Parameter error: height.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.Resolution	Parameter error: Incorrect resolution.
InvalidParameterValue.SampleInterval	Incorrect parameter value: SampleInterval.
InvalidParameterValue.SampleType	Incorrect parameter value: SampleType.
InvalidParameterValue.Width	Parameter error: Wwdth.
LimitExceeded.TooMuchTemplate	Limit reached: the number of templates exceeds the limit.

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CreateImageSpriteTemplate

Last updated：2023-10-12 16:44:45

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
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	Subimage row count of an image sprite.

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ColumnCount	Yes	Integer	Subimage column count of an image sprite.
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.
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 (default), png, webp.

3. Output Parameters

Parameter Name	Type	Description
Definition	Integer	Unique ID of an image sprite generating template.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

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4. Example

Example1 Creating an image sprite generating template

Input Example

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

{
"ColumnCount": "10",
"Name": "Image sprite generating template 1",
"RowCount": "5",
"SampleType": "Percent",
"Height": "96",
"Width": "54",
"SampleInterval": "10"
}
```

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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue.ColumnCount	Incorrect parameter value: ColumnCount.
InvalidParameterValue.Height	Parameter error: height.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.Resolution	Parameter error: Incorrect resolution.
InvalidParameterValue.RowCount	Incorrect parameter value: RowCount.
InvalidParameterValue.SampleInterval	Incorrect parameter value: SampleInterval.
InvalidParameterValue.SampleType	Incorrect parameter value: SampleType.
InvalidParameterValue.Width	Parameter error: Wwdth.
LimitExceeded.TooMuchTemplate	Limit reached: the number of templates exceeds the limit.

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CreateAnimatedGraphicsTemplate

Last updated：2023-10-12 16:44:46

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Fps	Yes	Integer	Video frame rate in Hz. Value range: [1, 30].
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;

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			• 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 video stream 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, which is returned for each request. RequestId is required for

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		locating a problem.

4. Example

Example1 Creating an animated image generating template

Input Example

```
https://mps.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 .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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue.Comment	Parameter error: 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	Parameter error: video frame rate.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.Quality	Incorrect parameter value: Quality.
InvalidParameterValue.Resolution	Parameter error: Incorrect resolution.
LimitExceeded.TooMuchTemplate	Limit reached: the number of templates exceeds the limit.

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ModifyContentReviewTemplate

Last updated：2023-10-12 16:44:40

1. API Description

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

This API is used to modify a custom content 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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	The unique ID of the content moderation template.
Name	No	String	The name of the content moderation template. Length limit: 64 characters.
Comment	No	String	The template description. Length limit: 256 characters.

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PornConfigure	No	PornConfigureInfoForUpdate	Control parameter for porn information
TerrorismConfigure	No	TerrorismConfigureInfoForUpdate	Control parameter for terrorism 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. Note: this parameter is not supported yet.
UserDefineConfigure	No	UserDefineConfigureInfoForUpdate	Custom content moderation parameters.

3. Output Parameters

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

4. Example

Example1 Enabling porn detection in a content moderation template

This example shows you how to modify a custom content moderation template, enabling porn detection, setting the thresholds for both rule violation and human recognition to the default, and not specifying any labels.

Input Example

```
https://mps.tencentcloudapi.com/?Action=ModifyContentReviewTemplate
&Definition=30
&PornConfigure.ImgReviewInfo.Switch=ON
&<Common request parameters>
```

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Output Example

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

Example2 Enabling porn detection in a content moderation template with specified thresholds for rule violation and human recognition

This example shows you how to modify a custom content moderation template. Porn detection is enabled, thresholds for rule violation and human recognition are 90 and 60 respectively, and no labels are specified.

Input Example

```
https://mps.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 Enabling porn detection in a content moderation template with specified thresholds for rule violation and human recognition and specified labels

This example shows you how to modify a custom content moderation template, enabling porn detection. The thresholds for rule violation and human recognition are 90 and 60 respectively, and the label used is `sexy` .

Input Example

```
https://mps.tencentcloudapi.com/?Action=ModifyContentReviewTemplate
&Definition=30
&PornConfigure.ImgReviewInfo.Switch=ON
&PornConfigure.ImgReviewInfo.LabelSet.0=sexy
```

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```
&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 Java
- Tencent Cloud SDK 3.0 for PHP
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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
InternalError	Internal error.
InvalidParameter	Parameter error.

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InvalidParameterValue.BlockConfidence	Incorrect parameter value: the value of the `BlockConfidence` parameter is invalid.
InvalidParameterValue.Comment	Parameter error: template description.
InvalidParameterValue.LabelSet	Incorrect parameter value: invalid `LabelSet` value.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.ReviewConfidence	Incorrect parameter value: The value of the `ReviewConfidence` parameter is invalid.
InvalidParameterValue.Switch	Incorrect parameter value: invalid `Switch` value.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DescribeContentReviewTemplates

Last updated：2023-10-12 16:44:42

1. API Description

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

This API is used to query content moderation templates by template ID. Both custom and preset templates that match the template IDs passed in will be returned.

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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definitions.N	No	Array of Integer	The IDs of the content moderation templates to query. Array length limit: 50.
Offset	No	Integer	Paging offset. Default value: 0.
Limit	No	Integer	Number of returned entries. Default value: 10. Maximum value: 50.
Type	No	String	The filter for querying templates. If this parameter is left empty, both preset and custom templates are returned. Valid values:

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			* Preset * Custom

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries.
ContentReviewTemplateSet	Array of ContentReviewTemplateItem	List of content audit template details.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying the content moderation template whose ID is 30

Input Example

```
https://mps.tencentcloudapi.com/?Action=DescribeContentReviewTemplates
&Definitions.0=30
&<Common request parameters>
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"ContentReviewTemplateSet": [
{
"Definition": 30,
"Name": "Template 1",
"Type": "Preset",
"Comment": "Intelligent content moderation template",
"PornConfigure": {
"ImgReviewInfo": {
"Switch": "ON",
"LabelSet": [
```

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```
"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",
```


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```
"BlockConfidence": 100,
"ReviewConfidence": 75
}
},
"ProhibitedConfigure": null,
"UserDefineConfigure": {
"AsrReviewInfo": {
"Switch": "ON",
"LabelSet": [],
"BlockConfidence": 100,
"ReviewConfidence": 75
},
"OcrReviewInfo": {
"Switch": "ON",
"LabelSet": [],
"BlockConfidence": 100,
"ReviewConfidence": 75
}
},
"CreateTime": "2019-01-01T12:00:00Z",
"UpdateTime": "2019-01-01T16:00:00Z"
}
],
"RequestId": "19ae8d8e-dce3-4151-9d4b-5594384987a9"
}
}
```

Example2 Querying a specified number of video moderation templates

This example shows you how to get up to 10 content moderation templates, including preset ones, starting from the first record (offset = 0).

Input Example

```
https://mps.tencentcloudapi.com/?Action=DescribeContentReviewTemplates
&Offset=0
&Limit=10
&<Common request parameters>
```

Output Example

```
{
"Response": {
"TotalCount": 2,
"ContentReviewTemplateSet": [
```

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```
{
"Definition": 30,
"Name": "Template 1",
"Type": "Preset",
"Comment": "Intelligent content moderation template",
"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,
```

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```
"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
}
},
"CreateTime": "2019-01-01T12:00:00Z",
"UpdateTime": "2019-01-01T16:00:00Z"
},
{
"Definition": 31,
"Name": "Template 2",
"Type": "Preset",
"Comment": "Content moderation template",
"PornConfigure": {
"ImgReviewInfo": {
"Switch": "OFF"
},
"AsrReviewInfo": {
"Switch": "OFF"
},
"OcrReviewInfo": {
"Switch": "ON",
"BlockConfidence": 100,
"ReviewConfidence": 75
```


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```
}
},
"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,
```


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```
"ReviewConfidence": 75
}
},
"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 C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameter	Parameter error.

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InvalidParameterValue.Definitions	Parameter error: Definitions.
InvalidParameterValue.Limit	Parameter error: Limit.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DescribeAIRecognitionTemplates

Last updated：2023-10-12 16:44:42

1. API Description

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

This API is used to get the list of content recognition templates based on unique template ID. The return result includes all eligible custom and preset 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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definitions.N	No	Array of Integer	Unique ID filter of video content recognition templates. Array length limit: 10.
Offset	No	Integer	Paging offset. Default value: 0.
Limit	No	Integer	Number of returned entries. Default value: 10. Maximum value: 50.
Type	No	String	The filter for querying templates. If this parameter is left empty, both preset and custom templates are returned. Valid values:

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			* Preset * Custom

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, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying the video recognition template whose ID is 30

Input Example

```
https://mps.tencentcloudapi.com/?Action=DescribeAIRecognitionTemplates
&Definitions.0=30
&<Common request parameters>
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"AIRecognitionTemplateSet":[
{
"Definition": 30,
"Name": "Template 1",
"Type": "Preset",
"Comment": "Intelligent content recognition template",
"FaceConfigure":{
"Switch": "ON",
"Score": 0.0,
"FaceLibrary": "All"
```

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```
"DefaultLibraryLabelSet": [
"xx"
],
"UserDefineLibraryLabelSet": [
"xx"
]
},
"OcrFullTextConfigure": {
"Switch": "ON"
},
"OcrWordsConfigure": {
"Switch": "OFF",
"LabelSet": [
"xx"
]
},
"AsrFullTextConfigure": {
"Switch": "ON",
"SubtitleFormat": "xx"
},
"AsrWordsConfigure": {
"Switch": "OFF",
"LabelSet": [
"xx"
]
},
"CreateTime": "2019-01-01T12:00:00Z",
"UpdateTime": "2019-01-01T16:00:00Z"
}
],
"RequestId": "19ae8d8e-dce3-4151-9d4b-5594384987a9"
}
}
```

Example2 Querying a specified number of video recognition templates

This example shows you how to get up to 10 video content recognition templates starting from the first record (offset = 0).

Input Example

```
https://mps.tencentcloudapi.com/?Action=DescribeAIRecognitionTemplates
&Offset=0
&Limit=10
&<Common request parameters>
```

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Output Example


```
{
"Response": {
"TotalCount": 1,
"AIRecognitionTemplateSet": [
{
"Definition": 30,
"Name": "Template 1",
"Comment": "Intelligent content recognition template",
"Type": "Preset",
"FaceConfigure": {
"Switch": "ON",
"Score": 0.0,
"FaceLibrary": "All"
"DefaultLibraryLabelSet": [
"xx"
],
"UserDefineLibraryLabelSet": [
"xx"
]
},
"OcrFullTextConfigure": {
"Switch": "ON"
},
"OcrWordsConfigure": {
"Switch": "OFF",
"LabelSet": []
},
"AsrFullTextConfigure": {
"Switch": "ON",
"SubtitleFormat": "xx"
},
"AsrWordsConfigure": {
"Switch": "OFF",
"LabelSet": []
},
"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 C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameter	Parameter error.
InvalidParameterValue.Definitions	Parameter error: Definitions.
InvalidParameterValue.Limit	Parameter error: Limit.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DeleteContentReviewTemplate

Last updated：2023-10-12 16:44:44

1. API Description

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

This API is used to delete a custom content 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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	The unique ID of the content moderation template.

3. Output Parameters

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

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		locating a problem.

4. Example

Example1 Deleting the content moderation template whose ID is 30

This example shows you how to delete a custom content moderation template.

Input Example

```
https://mps.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 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
InternalError	Internal error.
InvalidParameter	Parameter error.
InvalidParameterValue.DeleteDefaultTemplate	Incorrect parameter value: the default template cannot be deleted.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DeleteAIRecognitionTemplate

Last updated：2023-10-12 16:44:44

1. API Description

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

This API is used to delete a custom 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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	Unique ID of a video content recognition template.

3. Output Parameters

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

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		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://mps.tencentcloudapi.com/?Action=DeleteAIRecognitionTemplate
&Definition=30
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "35ae8d8e-dce3-42851-9d4b-559414529d931"
}
}
```

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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameter	Parameter error.
InvalidParameterValue.DeleteDefaultTemplate	Incorrect parameter value: the default template cannot be deleted.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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CreateContentReviewTemplate

Last updated：2023-10-12 16:44:45

1. API Description

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

This API is used to create a custom content 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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Name	No	String	The name of the content moderation template. Length limit: 64 characters.
Comment	No	String	The template description. Length limit: 256 characters.
PornConfigure	No	PornConfigureInfo	Control parameter for porn information
TerrorismConfigure	No	TerrorismConfigureInfo	Control parameter for terrorism information

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PoliticalConfigure	No	PoliticalConfigureInfo	Control parameter for politically sensitive information
ProhibitedConfigure	No	ProhibitedConfigureInfo	Control parameter of prohibited information detection. Prohibited information includes: • Abusive; • Drug-related. Note: this parameter is not supported yet.
UserDefineConfigure	No	UserDefineConfigureInfo	Custom content moderation parameters.

3. Output Parameters

Parameter Name	Type	Description
Definition	Integer	The unique ID of the content moderation template.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Creating a content recognition template to detect pornographic content in images based on specific labels

This example shows you how to create a custom content moderation template to detect pornographic content in images. Thresholds for rule violation and human recognition are set to the default values, and the labels used are `porn` and `sexy`.

Input Example

```
https://mps.tencentcloudapi.com/?Action=CreateContentReviewTemplate
&Name=Content moderation template
&Comment=Template 1
&PornConfigure.ImgReviewInfo.Switch=ON
&PornConfigure.ImgReviewInfo.LabelSet.0=porn
&PornConfigure.ImgReviewInfo.LabelSet.1=sexy
&<Common request parameters>
```

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Output Example

```
{
"Response": {
"Definition": 33,
"RequestId": "67aee3e9-2qd3-2395-9d4b-4390a96837a7"
}
}
```

Example2 Creating a content moderation template to detect pornographic content in images

This example shows you how to create a custom content moderation template to detect pornographic content in images using the default thresholds for rule violation and human recognition.

Input Example

```
https://mps.tencentcloudapi.com/?Action=CreateContentReviewTemplate
&Name=Content moderation template
&Comment=Template 1
&PornConfigure.ImgReviewInfo.Switch=ON
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 30,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

Example3 Creating a content moderation template to detect pornographic content in images using specified thresholds for rule violation and human recognition and a specified frame capture interval

This example shows you how to create a custom content moderation template to detect pornographic content in images. The thresholds for rule violation and human recognition are set to 80 and 30, respectively.

Input Example

```
https://mps.tencentcloudapi.com/?Action=CreateContentReviewTemplate
&Name=Content moderation template
&Comment=Template 2
&PornConfigure.ImgReviewInfo.Switch=ON
```

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```
&PornConfigure.ImgReviewInfo.BlockConfidence=80
&PornConfigure.ImgReviewInfo.ReviewConfidence=30
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 31,
"RequestId": "97aee3e9-2qd3-4151-9d4b-9730a45227a9"
}
}
```

Example4 Creating a content moderation template to perform multiple moderation tasks

This example shows you how to create a custom content moderation template to detect pornographic, terrorist, and politically sensitive content in images using the default thresholds for rule violation and human recognition.

Input Example

```
https://mps.tencentcloudapi.com/?Action=CreateContentReviewTemplate
&Name=Content moderation template
&Comment=Template 3
&PornConfigure.ImgReviewInfo.Switch=ON
&TerrorismConfigure.ImgReviewInfo.Switch=ON
&TerrorismConfigure.OcrReviewInfo.Switch=OFF
&PoliticalConfigure.ImgReviewInfo.Switch=ON
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 32,
"RequestId": "88aee3e9-2qd3-4151-9d4b-4390a45227a9"
}
}
```

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.InvalidMpsUser	Operation failed: unauthorized MPS user.
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	Parameter error: template description.
InvalidParameterValue.LabelSet	Incorrect parameter value: invalid `LabelSet` value.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.ReviewConfidence	Incorrect parameter value: The value of the `ReviewConfidence` parameter is invalid.
InvalidParameterValue.Switch	Incorrect parameter value: invalid `Switch` value.
LimitExceeded.TooMuchTemplate	Limit reached: the number of templates exceeds the limit.

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ModifyAIAnalysisTemplate

Last updated：2023-10-12 16:44:41

1. API Description

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

This API is used to modify a custom 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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	Unique ID of video content analysis template.
Name	No	String	Video content analysis template name. Length limit:

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			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.

3. Output Parameters

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

4. Example

Example1 Enabling intelligent thumbnail generation

This example shows you how to enable intelligent thumbnail generation in a custom video content analysis template.

Input Example

```
https://mps.tencentcloudapi.com/?Action=ModifyAIAnalysisTemplate
&Definition=30
&CoverConfigure.Switch=ON
&<Common request parameters>
```

Output Example

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

Example2 Disabling intelligent thumbnail generation

This example shows you how to disable intelligent thumbnail generation in a custom video content analysis template.

Input Example

```
https://mps.tencentcloudapi.com/?Action=ModifyAIAnalysisTemplate
&Definition=30
&CoverConfigure.Switch=OFF
&<Common request parameters>
```

Output Example

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

Example3 Enabling a content analysis task and disabling another

This example shows you how to enable intelligent labeling and disable intelligent thumbnail generation in a custom video content analysis template.

Input Example

```
https://mps.tencentcloudapi.com/?Action=ModifyAIAnalysisTemplate
&Definition=30
&TagConfigure.Switch=ON
&CoverConfigure.Switch=OFF
&<Common request parameters>
```

Output Example

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

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```
}
}
```

5. Developer Resources

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
InternalError	Internal error.
InvalidParameter	Parameter error.
InvalidParameterValue.ClassifcationConfigure	Incorrect parameter value: the control field parameter for intelligent categorization is incorrect.
InvalidParameterValue.Comment	Parameter error: template description.
InvalidParameterValue.CoverConfigure	Incorrect parameter value: the control field parameter for intelligent cover generation is incorrect.
InvalidParameterValue.FrameTagConfigure	Incorrect parameter value: the control field parameter for

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	intelligent frame-specific tagging is incorrect.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.TagConfigure	Incorrect parameter value: 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.

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DescribeAIAnalysisTemplates

Last updated：2023-10-12 16:44:42

1. API Description

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

This API is used to get the list of 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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definitions.N	No	Array of Integer	Unique ID filter of video content analysis templates. Array length limit: 10.
Offset	No	Integer	Pagination offset. Default value: 0.
Limit	No	Integer	Number of returned entries. Default value: 10. Maximum value: 100.
Type	No	String	The filter for querying templates. If this parameter is left empty, both preset and custom templates are returned. Valid values:

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			* Preset * Custom

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, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying the video analysis template whose ID is 30

Input Example

```
https://mps.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",
"Type": "Preset",
"ClassificationConfigure": {
"Switch": "ON"
},
"TagConfigure": {
"Switch": "ON"
```

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```
},
"CoverConfigure": {
"Switch": "ON"
},
"FrameTagConfigure": {
"Switch": "ON"
},
"CreateTime": "2019-01-01T12:00:00Z",
"UpdateTime": "2019-01-01T16:00:00Z"
}
],
"RequestId": "19ae8d8e-dce3-4151-9d4b-5594384987a9"
}
}
```

Example2 Querying a specified number of video analysis templates

This example shows you how to get up to 10 video analysis templates, including preset ones, starting from the first record (offset = 0).

Input Example

```
https://mps.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",
"Type": "Preset",
"ClassificationConfigure": {
"Switch": "ON"
},
"TagConfigure": {
"Switch": "ON"
},
"CoverConfigure": {
```

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```
"Switch": "ON"
},
"FrameTagConfigure": {
"Switch": "ON"
},
"CreateTime": "2019-01-01T12:00:00Z",
"UpdateTime": "2019-01-01T16:00:00Z"
},
{
"Definition": 31,
"Name": "Template 2",
"Type": "Preset",
"Comment": "Intelligent analysis template",
"ClassificationConfigure": {
"Switch": "OFF"
},
"TagConfigure": {
"Switch": "ON"
},
"CoverConfigure": {
"Switch": "ON"
},
"FrameTagConfigure": {
"Switch": "ON"
},
"CreateTime": "2019-01-01T13:00:00Z",
"UpdateTime": "2019-01-01T17:00:00Z"
}
],
"RequestId": "19ae8d8e-dce3-4151-9d4b-5594384987a9"
}
}
```


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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameter	Parameter error.
LimitExceeded.TooMuchTemplate	Limit reached: the number of templates exceeds the limit.
ResourceNotFound	The resource does not exist.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DeleteAIAnalysisTemplate

Last updated：2023-10-12 16:44:44

1. API Description

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

This API is used to delete a custom 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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	Unique ID of video content analysis template.

3. Output Parameters

Parameter Name	Type	Description

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

4. Example

Example1 Deleting the content analysis template whose ID is 30

This example shows you how to delete a custom video content analysis template.

Input Example

```
https://mps.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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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.
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.

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CreateAIAnalysisTemplate

Last updated：2023-10-12 16:44:46

1. API Description

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

This API is used to create a custom 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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
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.

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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.

3. Output Parameters

Parameter Name	Type	Description
Definition	Integer	Unique ID of video content analysis template.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Creating a template for a video analysis task

This example shows you how to create a custom video analysis template to perform intelligent categorization.

Input Example

```
https://mps.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"
}
}
```

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Example2 Creating a template for multiple analysis tasks

This example shows you how to create a custom video analysis template to perform intelligent categorization and labeling.

Input Example

```
https://mps.tencentcloudapi.com/?Action=CreateAIAnalysisTemplate
&Name=Intelligent analysis template
&Comment=Template 2
&ClassificationConfigure.Switch=ON
&TagConfigure.Switch=ON
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 31,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

Example3 Creating a template to perform all content analysis tasks

This example shows you how to create a custom video analysis template to perform all intelligent analysis tasks.

Input Example

```
https://mps.tencentcloudapi.com/?Action=CreateAIAnalysisTemplate
&Name=Intelligent analysis template
&Comment=Template 3
&ClassificationConfigure.Switch=ON
&TagConfigure.Switch=ON
&CoverConfigure.Switch=NO
&FrameTagConfigure.Switch=ON
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 33,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
```

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```
}
}
```

5. Developer Resources

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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.ClassifcationConfigure	Incorrect parameter value: the control field parameter for intelligent categorization is incorrect.
InvalidParameterValue.Comment	Parameter error: template description.
InvalidParameterValue.CoverConfigure	Incorrect parameter value: the control field parameter for intelligent cover generation is incorrect.

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InvalidParameterValue.Definition	Parameter error: Definition.
InvalidParameterValue.FrameTagConfigure	Incorrect parameter value: the control field parameter for intelligent frame-specific tagging is incorrect.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.TagConfigure	Incorrect parameter value: the control field parameter for intelligent tagging is incorrect.
LimitExceeded.TooMuchTemplate	Limit reached: the number of templates exceeds the limit.

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ModifyAdaptiveDynamicStreamingTemplate

Last updated：2023-10-12 16:44:40

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is required for this API.
Definition	Yes	Integer	Unique ID of an adaptive bitrate strea template.
Name	No	String	Template name. Length limit: 64 cha
Format	No	String	Adaptive bitrate streaming format. Va values: • HLS, • MPEG-DASH.

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DisableHigherVideoBitrate	No	Integer	Whether to prohibit transcoding from bitrate to high bitrate. Valid values: • 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 transcoding to adaptive bitrate strea Up to 10 streams can be input. Note: the frame rate of each stream r consistent; otherwise, the frame rate first stream is used as the output frar
Comment	No	String	Template description. Length limit: 2 characters.

3. Output Parameters

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

4. Example

Example1 Modifying an adaptive bitrate streaming template

Input Example

```
https://mps.tencentcloudapi.com/?Action=ModifyAdaptiveDynamicStreamingTemplate
&Definition=10038
&Name=Adaptive bitrate streaming template 2
&Format=HLS
&StreamInfos.0.Video.Codec=libx264
&StreamInfos.0.Video.Bitrate=2000
&StreamInfos.0.Video.Fps=25
```

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```
&StreamInfos.0.Audio.Codec=flac
&StreamInfos.0.Audio.SampleRate=44100
&StreamInfos.0.Audio.Bitrate=200
&<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.InvalidMpsUser	Operation failed: unauthorized MPS user.

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InvalidParameter	Parameter error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.AudioBitrate	Parameter error: Audio stream bitrate.
InvalidParameterValue.AudioChannel	Incorrect parameter value: AudioChannel.
InvalidParameterValue.AudioCodec	Parameter error: audio stream codec.
InvalidParameterValue.AudioSampleRate	Parameter error: audio stream sample rate.
InvalidParameterValue.Bitrate	Invalid audio/video bitrate.
InvalidParameterValue.Codec	Invalid audio/video codec.
InvalidParameterValue.Comment	Parameter error: template description.
InvalidParameterValue.Definition	Parameter error: Definition.
InvalidParameterValue.DisableHigherVideoBitrate	Invalid switch value used to prohibit transcoding from low bitrate to high bitrate.
InvalidParameterValue.DisableHigherVideoResolution	Invalid switch value used to prohibit transcoding from low resolution to high resolution.
InvalidParameterValue.FillType	Invalid parameter: incorrect fill type.
InvalidParameterValue.Format	Incorrect parameter value: Format.
InvalidParameterValue.Fps	Parameter error: video frame rate.
InvalidParameterValue.Gop	Invalid GOP value.
InvalidParameterValue.Height	Parameter error: height.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.RemoveAudio	Incorrect parameter value: RemoveAudio.
InvalidParameterValue.RemoveVideo	Incorrect parameter value: RemoveVideo.
InvalidParameterValue.SoundSystem	Invalid parameter: incorrect audio channel system.
InvalidParameterValue.VideoBitrate	Parameter error: video stream bitrate.
InvalidParameterValue.VideoCodec	Parameter error: video stream codec.
InvalidParameterValue.Width	Parameter error: Wwdth.

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DescribeAdaptiveDynamicStreamingTemplates

Last updated：2023-10-12 16:44:42

1. API Description

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

This API is used to query the list of adaptive bitrate streaming templates and supports paginated queries by filters.

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: DescribeAdaptiveDynamicStreamingTemplates.
Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definitions.N	No	Array of Integer	Unique ID filter of adaptive bitrate streaming 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.
Type	No	String	Template type filter. Valid values: • Preset: preset template;

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			• Custom: custom template.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries.
AdaptiveDynamicStreamingTemplateSet	Array of AdaptiveDynamicStreamingTemplate	List of adaptive bitrate streaming template details.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying adaptive bitrate streaming templates

Input Example

```
https://mps.tencentcloudapi.com/?Action=DescribeAdaptiveDynamicStreamingTemplates
&Definitions.0=10001
&<Common request parameters>
```

Output Example

```
{
"Response": {
"AdaptiveDynamicStreamingTemplateSet": [
{
"Comment": "Adaptive bitrate streaming template 1",
"Definition": 1001,
"UpdateTime": "2018-10-01T10:00:00Z",
"DisableHigherVideoBitrate": 1,
"Name": "Adaptive bitrate streaming template 1",
"Format": "HLS",
```

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```
"DisableHigherVideoResolution": 1,
"StreamInfos": [
{
"RemoveVideo": 0,
"Audio": {
"Codec": "libfdk_aac",
"SampleRate": 44100,
"AudioChannel": 2,
"Bitrate": 200
},
"Video": {
"Fps": 25,
"Width": 1080,
"Height": 960,
"Vcrf": 23,
"Codec": "libx264",
"ResolutionAdaptive": "open",
"FillType": "black",
"Bitrate": 1000,
"Gop": 50
},
"RemoveAudio": 0
}
],
"Type": "Preset",
"CreateTime": "2018-10-01T10:00:00Z"
}
],
"TotalCount": 1,
"RequestId": "12ae8d8e-dce3-4151-9d4b-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

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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue.Definitions	Parameter error: Definitions.
InvalidParameterValue.Limit	Parameter error: Limit.
InvalidParameterValue.Type	Parameter error: incorrect `Type` value.
UnauthorizedOperation	Unauthorized operation.

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DeleteAdaptiveDynamicStreamingTemplate

Last updated：2023-10-12 16:44:44

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	Unique ID of an adaptive bitrate streaming template.

3. Output Parameters

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

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		locating a problem.

4. Example

Example1 Deleting an adaptive bitrate streaming template

Input Example

```
https://mps.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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- 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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6. Error Code

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.InvalidMpsUser	Operation failed: unauthorized MPS user.
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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CreateAdaptiveDynamicStreamingTemplate

Last updated：2023-10-12 16:44:46

1. API Description

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

This API is used to create an adaptive bitrate streaming template. Up up to 100 such 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: 2019-06-12.
Region	No	String	Common Params. This parameter is required for this API.
Format	Yes	String	Adaptive bitrate streaming format. Va values: • HLS, • MPEG-DASH.
StreamInfos.N	Yes	Array of AdaptiveStreamTemplate	Parameter information of output subs for transcoding to adaptive bitrate str Up to 10 substreams can be output. Note: the frame rate of each substrea

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			be consistent; otherwise, the frame r the first substream is used as the out frame rate.
Name	No	String	Template name. Length limit: 64 cha
DisableHigherVideoBitrate	No	Integer	Whether to prohibit transcoding from bitrate to high bitrate. Valid values: • 0: no, • 1: yes. Default value: 0.
DisableHigherVideoResolution	No	Integer	Whether to prohibit transcoding from resolution to high resolution. Valid va • 0: no, • 1: yes. Default value: 0.
Comment	No	String	Template description. Length limit: 2 characters.

3. Output Parameters

Parameter Name	Type	Description
Definition	Integer	Unique ID of an adaptive bitrate streaming template.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Creating an adaptive bitrate streaming template

Input Example

```
https://mps.tencentcloudapi.com/?Action=CreateAdaptiveDynamicStreamingTemplate
&Name=Adaptive bitrate streaming template 1
&Format=HLS
```

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```
&StreamInfos.0.Video.Codec=libx264
&StreamInfos.0.Video.Bitrate=2000
&StreamInfos.0.Video.Fps=2000
&StreamInfos.0.Audio.Codec=flac
&StreamInfos.0.Audio.SampleRate=44100
&StreamInfos.0.Audio.Bitrate=200
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Definition": 30018,
"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
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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.

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Error Code	Description
FailedOperation.InvalidMpsUser	Operation failed: unauthorized MPS user.
InvalidParameter	Parameter error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.Bitrate	Invalid audio/video bitrate.
InvalidParameterValue.Codec	Invalid audio/video codec.
InvalidParameterValue.DisableHigherVideoBitrate	Invalid switch value used to prohibit transcoding from low bitrate to high bitrate.
InvalidParameterValue.DisableHigherVideoResolution	Invalid switch value used to prohibit transcoding from low resolution to high resolution.
InvalidParameterValue.FillType	Invalid parameter: incorrect fill type.
InvalidParameterValue.Format	Incorrect parameter value: Format.
InvalidParameterValue.Fps	Parameter error: video frame rate.
InvalidParameterValue.Gop	Invalid GOP value.
InvalidParameterValue.Height	Parameter error: height.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.RemoveAudio	Incorrect parameter value: RemoveAudio.
InvalidParameterValue.RemoveVideo	Incorrect parameter value: RemoveVideo.
InvalidParameterValue.SampleRate	Invalid audio sample rate.
InvalidParameterValue.SoundSystem	Invalid parameter: incorrect audio channel system.
InvalidParameterValue.Width	Parameter error: Wwdth.
LimitExceeded.TooMuchTemplate	Limit reached: the number of templates exceeds the limit.

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ModifyAIRecognitionTemplate

Last updated：2023-10-12 16:44:41

1. API Description

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

This API is used to modify a custom 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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Definition	Yes	Integer	Unique ID of a video content recognition template.
Name	No	String	Name of a video content recognition template. Length limit: 64 characters.
Comment	No	String	Description of a video content

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			recognition template. Length limit: 256 characters.
FaceConfigure	No	FaceConfigureInfoForUpdate	Face recognition control parameter.
OcrFullTextConfigure	No	OcrFullTextConfigureInfoForUpdate	Full text recognition control parameter.
OcrWordsConfigure	No	OcrWordsConfigureInfoForUpdate	Text keyword recognition control parameter.
AsrFullTextConfigure	No	AsrFullTextConfigureInfoForUpdate	Full speech recognition control parameter.
AsrWordsConfigure	No	AsrWordsConfigureInfoForUpdate	Speech keyword recognition control parameter.

3. Output Parameters

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

4. Example

Example1 Enabling a content recognition task and disabling another

This example shows you how to disable full text recognition and enable text keyword recognition in a custom video content recognition template.

Input Example

```
https://mps.tencentcloudapi.com/?Action=ModifyAIRecognitionTemplate
&Definition=30
&OcrFullTextConfigure.Switch=OFF
&OcrWordsConfigure.Switch=ON
&<Common request parameters>
```

Output Example

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```
{
"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
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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameter	Parameter error.
InvalidParameterValue.Comment	Parameter error: template description.
InvalidParameterValue.DefaultLibraryLabelSet	Incorrect parameter value: the default face library filter tag

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	is invalid.
InvalidParameterValue.FaceLibrary	Incorrect parameter value: invalid face library parameter.
InvalidParameterValue.FaceScore	Incorrect parameter value: the value of the face score parameter is invalid.
InvalidParameterValue.LabelSet	Incorrect parameter value: invalid `LabelSet` value.
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: object library parameter is invalid.
InvalidParameterValue.SubtitleFormat	Incorrect parameter value: The value of the `SubtitleFormat` parameter is invalid.
InvalidParameterValue.Switch	Incorrect parameter value: invalid `Switch` value.
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.

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CreateAIRecognitionTemplate

Last updated：2023-10-12 16:52:54

1. API Description

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

This API is used to create a custom 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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Name	No	String	Name of a video content recognition template. Length limit: 64 characters.
Comment	No	String	Description of a video content recognition template. Length limit: 256 characters.
FaceConfigure	No	FaceConfigureInfo	Face recognition control parameter.
OcrFullTextConfigure	No	OcrFullTextConfigureInfo	Full text recognition control parameter.

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Parameter Name	Required	Type	Description
OcrWordsConfigure	No	OcrWordsConfigureInfo	Text keyword recognition control parameter.
AsrFullTextConfigure	No	AsrFullTextConfigureInfo	Full speech recognition control parameter.
AsrWordsConfigure	No	AsrWordsConfigureInfo	Speech keyword recognition control parameter.

3. Output Parameters

Parameter Name	Type	Description
Definition	Integer	Unique ID of a video content recognition template.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Creating a template for multiple video content recognition tasks

This example shows you how to create a custom video content recognition template with face recognition enabled. The default face library is used, and the face recognition filter score is 90.

Input Example

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

{
"Comment": "Template 2",
"FaceConfigure": {
"Switch": "ON",
"Score": "90",
"FaceLibrary": "Default"
},
```

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```
"Name": "Intelligent recognition template"
}
```

Output Example

```
{
"Response": {
"Definition": 31,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

Example2 Creating a template for multiple recognition tasks, with the frame capturing interval specified

This example shows you how to create a custom video content recognition template with face recognition enabled. The default and custom face libraries are used, and the face recognition filter score is 90.

Input Example

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

{
"Comment": "Template 3",
"FaceConfigure": {
"Switch": "ON",
"FaceLibrary": "All"
},
"Name": "Intelligent recognition template"
}
```

Output Example

```
{
"Response": {
"Definition": 32,
"RequestId": "12ae8d8e-dce3-4151-9d4b-5594145287e1"
}
}
```

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Example3 Creating a speech translation template

Input Example

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

{
"Name": "test"
}
```

Output Example

```
{
"Response": {
"Definition": 278654,
"RequestId": "62cca75c-7dd3-4819-ad9d-13b48a4b4018"
}
}
```

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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameter	Parameter error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.Comment	Parameter error: template description.
InvalidParameterValue.DefaultLibraryLabelSet	Incorrect parameter value: the default face library filter tag is invalid.
InvalidParameterValue.DestinationLanguage	
InvalidParameterValue.FaceLibrary	Incorrect parameter value: invalid face library parameter.
InvalidParameterValue.FaceScore	Incorrect parameter value: the value of the face score parameter is invalid.
InvalidParameterValue.LabelSet	Incorrect parameter value: invalid `LabelSet` value.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.ObjectLibrary	Incorrect parameter value: object library parameter is invalid.
InvalidParameterValue.SourceLanguage	
InvalidParameterValue.SubtitleFormat	Incorrect parameter value: The value of the `SubtitleFormat` parameter is invalid.
InvalidParameterValue.Switch	Incorrect parameter value: invalid `Switch` value.
InvalidParameterValue.UserDefineLibraryLabelSet	Incorrect parameter value: the custom face library filter tag is invalid.
LimitExceeded.TooMuchTemplate	Limit reached: the number of templates exceeds the limit.

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Task Management APIs
DescribeTasks

Last updated：2023-10-12 16:44:39

1. API Description

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

- This API is used to query tasks.
- If the data is large, one API call may not be able to obtain all the tasks in the query. You can use the `ScrollToken` parameter to query tasks with multiple calls.
- Only tasks in the last seven days (168 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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Status	Yes	String	Filter: Task status. Valid values: WAITING (waiting), PROCESSING (processing), FINISH (completed).
Limit	No	Integer	Number of returned entries. Default value: 10. Maximum value: 100.

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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 an empty string, there is no more data.
TotalCount	Integer	The total number of records that meet the conditions.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying tasks

Input Example

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

{
"Status": "FINISH",
"Limit": "5"
}
```

Output Example

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```
{
"Response": {
"TotalCount": 12,
"TaskSet": [
{
"TaskId": "taskId1",
"TaskType": "WorkflowTask",
"SubTaskTypes": [
"action-trans"
],
"CreateTime": "2018-12-27T13:57:15Z",
"BeginProcessTime": "2018-12-27T13:57:15Z",
"FinishTime": "2018-12-27T13:57:15Z"
},
{
"TaskId": "taskId2",
"TaskType": "WorkflowTask",
"SubTaskTypes": [
"action-trans"
],
"CreateTime": "2018-12-27T13:57:15Z",
"BeginProcessTime": "2018-12-27T13:57:15Z",
"FinishTime": "2018-12-27T13:57:15Z"
},
{
"TaskId": "taskId3",
"TaskType": "WorkflowTask",
"SubTaskTypes": [
"action-trans"
],
"CreateTime": "2018-12-27T13:57:15Z",
"BeginProcessTime": "2018-12-27T13:57:15Z",
"FinishTime": "2018-12-27T13:57:15Z"
},
{
"TaskId": "taskId4",
"TaskType": "WorkflowTask",
"SubTaskTypes": [
"action-trans"
],
"CreateTime": "2018-12-27T13:57:15Z",
"BeginProcessTime": "2018-12-27T13:57:15Z",
"FinishTime": "2018-12-27T13:57:15Z"
},
{
"TaskId": "taskId5",
```


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```
"TaskType": "WorkflowTask",
"SubTaskTypes": [
"action-trans"
],
"CreateTime": "2018-12-27T13:57:15Z",
"BeginProcessTime": "2018-12-27T13:57:15Z",
"FinishTime": "2018-12-27T13:57:15Z"
}
],
"ScrollToken": "taskId6",
"RequestId": "46311b39-10ce-47eb-b2b6-7ce82bb4476d"
}
}
```

Example2 Querying tasks that are being processed

Input Example

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

{
"Status": "PROCESSING",
"Limit": "5"
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"TaskSet": [
{
"TaskId": "taskId7",
"TaskType": "WorkflowTask",
"SubTaskTypes": [
"action-trans"
],
"CreateTime": "2018-12-27T13:57:15Z",
"BeginProcessTime": "2018-12-27T13:57:15Z",
"FinishTime": "0000-00-00T00:00:00Z"
}
```

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```
],
"ScrollToken": "",
"RequestId": "46311b39-10ce-47eb-b2b6-7ce82bb4476d"
}
}
```

Example3 Querying tasks and paginating the results

Input Example

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

{
"Status": "FINISH",
"ScrollToken": "taskId6",
"Limit": "5"
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"TaskSet": [
{
"TaskId": "taskId6",
"TaskType": "WorkflowTask",
"SubTaskTypes": [
"action-trans"
],
"CreateTime": "2018-12-27T13:57:15Z",
"BeginProcessTime": "2018-12-27T13:57:15Z",
"FinishTime": "2018-12-27T13:57:15Z"
}
],
"ScrollToken": "",
"RequestId": "46311b39-10ce-47eb-b2b6-7ce82bb4476d"
}
}
```

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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.Limit	Parameter error: Limit.

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DescribeTaskDetail

Last updated：2023-10-12 16:44:39

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
TaskId	Yes	String	Video processing task ID.

3. Output Parameters

Parameter Name	Type	Description
TaskType	String	The task type. Valid values: • WorkflowTask • EditMediaTask

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		• LiveStreamProcessTask • ScheduleTask (scheme)
Status	String	Task status. Valid values: • WAITING: Waiting; • PROCESSING: Processing; • FINISH: Completed.
CreateTime	String	Creation time of a task in ISO date format.
BeginProcessTime	String	Start time of task execution in ISO date format.
FinishTime	String	End time of task execution in ISO date format.
EditMediaTask	EditMediaTask	Video editing task information. This field has a value only when `TaskType` is `EditMediaTask`.
WorkflowTask	WorkflowTask	Information of a video processing task. This field has a value only when `TaskType` is `WorkflowTask`. Note: This field may return null, indicating that no valid values can be obtained.
LiveStreamProcessTask	LiveStreamProcessTask	Information of a live stream processing task. This field has a value only when `TaskType` is `LiveStreamProcessTask`. Note: This field may return null, indicating that no valid values can be obtained.
TaskNotifyConfig	TaskNotifyConfig	Event notification information of a task. Note: This field may return null, indicating that no valid values can be obtained.
TasksPriority	Integer	Task flow priority. Value range: [-10, 10].
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 an empty string is entered, 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 field. It can contain up to 1,000 characters.
ExtInfo	String	Extended information field, used in specific scenarios.

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ScheduleTask	ScheduleTask	The information of a scheme. This parameter is valid only if `TaskType` is `ScheduleTask`. Note: This field may return null, indicating that no valid values can be obtained.
LiveScheduleTask	LiveScheduleTask	The information of a live scheme. This parameter is valid only if `TaskType` is `LiveScheduleTask`. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying the result of a task

This example shows you how to query the result of a task.

Input Example

```
https://mps.tencentcloudapi.com/?Action=DescribeTaskDetail
&TaskId=235303****-WorkflowTask-80108cc3380155d98b2e3573a48a******
&<Common request parameters>
```

Output Example

```
{
"Response": {
"TaskType": "WorkflowTask",
"Status": "FINISH",
"CreateTime": "2019-07-16T06:21:27Z",
"BeginProcessTime": "2019-07-16T06:21:28Z",
"FinishTime": "2019-07-16T06:21:46Z",
"WorkflowTask": {
"TaskId": "235303****-WorkflowTask-80108cc3380155d98b2e3573a48a******",
"Status": "FINISH",
"ErrCode": 0,
"Message": "",
"InputInfo": {
"Type": "COS",
"CosInputInfo": {
"Bucket": "vodtestbj-235303****",
"Region": "ap-beijing",
```

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```
"Object": "/input/videoplayback.mp4"
},
"S3InputInfo": null,
"UrlInputInfo": null
},
"MetaData": {
"AudioDuration": 380.9465637207031,
"AudioStreamSet": [
{
"Channel": 0,
"Bitrate": 95999,
"Codec": "aac",
"SamplingRate": 44100
}
],
"Bitrate": 409657,
"Container": "mov,mp4,m4a,3gp,3g2,mj2",
"Duration": 380.9465637207031,
"Height": 360,
"Rotate": 0,
"Size": 19626862,
"VideoDuration": 380.8804931640625,
"VideoStreamSet": [
{
"Bitrate": 313658,
"Codec": "h264",
"Fps": 29,
"Height": 360,
"HdrType": "",
"ColorPrimaries": "",
"ColorSpace": "",
"ColorTransfer": "",
"Width": 480
}
],
"Width": 480
},
"MediaProcessResultSet": [
{
"Type": "Transcode",
"TranscodeTask": {
"Status": "SUCCESS",
"ErrCode": 0,
"Message": "SUCCESS",
"ErrCodeExt": "SUCCESS",
"Progress": 100,
"Input": {
```


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```
"Definition": 210,
"WatermarkSet": [],
"MosaicSet": [],
"RawParameter": null,
"EndTimeOffset": 0,
"OverrideParameter": null,
"HeadTailParameter": null,
"StartTimeOffset": 0,
"OutputStorage": {
"Type": "COS",
"CosOutputStorage": {
"Bucket": "vodtestgz-235303****",
"Region": "ap-guangzhou"
},
"S3OutputStorage": null
},
"OutputObjectPath": "/hello/world/what/ever/videoplayback_transcode111_210",
"SegmentObjectName": "/hello/world/what/ever/no/problem/videoplayback_transcode11
_210_{number}",
"ObjectNumberFormat": {
"InitialValue": 2,
"Increment": 3,
"MinLength": 1,
"PlaceHolder": "0"
}
},
"Output": {
"OutputStorage": {
"Type": "COS",
"CosOutputStorage": {
"Bucket": "vodtestgz-235303****",
"Region": "ap-guangzhou"
},
"S3OutputStorage": null
},
"Path": "/hello/world/what/ever/videoplayback_transcode111_210.m3u8",
"Definition": 210,
"Bitrate": 353297,
"Height": 240,
"Width": 320,
"Size": 5692,
"Duration": 380.9580078125,
"Container": "hls,applehttp",
"Md5": "ae0dfe7c7336291d6243463b7bb14fea",
"VideoStreamSet": [
{
"Bitrate": 302307,
```


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```
"Codec": "h264",
"Fps": 24,
"Height": 240,
"HdrType": "",
"ColorPrimaries": "",
"ColorSpace": "",
"ColorTransfer": "",
"Width": 320
}
],
"AudioStreamSet": [
{
"Channel": 0,
"Bitrate": 50990,
"Codec": "aac",
"SamplingRate": 44100
}
]
}
},
"AnimatedGraphicTask": null,
"SnapshotByTimeOffsetTask": null,
"SampleSnapshotTask": null,
"ImageSpriteTask": null
}
],
"AiAnalysisResultSet": [],
"AiRecognitionResultSet": [],
"AiContentReviewResultSet": [],
"AiQualityControlTaskResult": null
},
"TaskNotifyConfig": null,
"EditMediaTask": null,
"LiveStreamProcessTask": null,
"ScheduleTask": null,
"LiveScheduleTask": null,
"TasksPriority": 0,
"SessionId": "",
"SessionContext": "",
"ExtInfo": "",
"RequestId": "04db7d25-f590-414a-a341-8f1584f15f84"
}
}
```


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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
ResourceNotFound	The resource does not exist.
UnauthorizedOperation	Unauthorized operation.

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ManageTask

Last updated：2023-10-12 16:44:39

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
OperationType	Yes	String	Operation type. Valid values: • Abort: task termination. Description: ◦ If the task type is live stream processing (`LiveStreamProcessTask`), tasks whose task status is `WAITING` or `PROCESSING` can be terminated. ◦ For other task types, only tasks whose task status is `WAITING` can be terminated.

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TaskId	Yes	String	Video processing task ID.

3. Output Parameters

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

4. Example

Example1 Terminating specified live stream processing task

Input Example

```
https://mps.tencentcloudapi.com/?Action=ManageTask
&OperationType=Abort
&TaskId=2459149217-procedure-live-xxx51da009t0
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "335bdaa3-db0e-46ce-9946-51941d9cb0f5"
}
}
```

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 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

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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InvalidParameter	Parameter error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.InvalidOperationType	Invalid operation type.
InvalidParameterValue.NotProcessingTask	Tasks not in processing status are not supported.
InvalidParameterValue.TaskId	The task ID does not exist.

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Workflow Management APIs
DisableSchedule

Last updated：2023-10-12 16:44:37

1. API Description

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

This API is used to disable a scheme.

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: DisableSchedule.
Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
ScheduleId	Yes	Integer	The scheme ID.

3. Output Parameters

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

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		locating a problem.

4. Example

Example1 Disabling a scheme

Input Example

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

{
"ScheduleId": 0
}
```

Output Example

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

5. Developer Resources

SDK

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

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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.BucketNotifyAlreadyExist	Operation failed: notification has already been set for the bucket.
FailedOperation.CosStatusInavlid	Operation failed: COS service is suspended.
FailedOperation.GetSourceNotify	Operation failed: Error getting the source notification.
FailedOperation.InvalidMpsUser	Operation failed: unauthorized MPS user.
FailedOperation.InvalidUser	Operation failed: invalid user.
FailedOperation.SetSourceNotify	Operation failed: Error setting the source notification.
InternalError	Internal error.
InternalError.AccessDBError	Data error.
InvalidParameter	Parameter error.
ResourceNotFound.CosBucketNameInvalid	The resource does not exist: invalid COS bucket name.
ResourceNotFound.CosBucketNotExist	The resource does not exist: the COS bucket does not exist.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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EnableSchedule

Last updated：2023-10-12 16:44:37

1. API Description

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

This API is used to enable a scheme.

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: EnableSchedule.
Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
ScheduleId	Yes	Integer	The scheme ID.

3. Output Parameters

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

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4. Example

Example1 Enabling a scheme

Input Example

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

{
"ScheduleId": 0
}
```

Output Example

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

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.BucketNotifyAlreadyExist	Operation failed: notification has already been set for the bucket.
FailedOperation.CosStatusInavlid	Operation failed: COS service is suspended.
FailedOperation.GetSourceNotify	Operation failed: Error getting the source notification.
FailedOperation.InvalidMpsUser	Operation failed: unauthorized MPS user.
FailedOperation.InvalidUser	Operation failed: invalid user.
FailedOperation.SetSourceNotify	Operation failed: Error setting the source notification.
InternalError	Internal error.
InternalError.AccessDBError	Data error.
InvalidParameter	Parameter error.
ResourceNotFound.CosBucketNameInvalid	The resource does not exist: invalid COS bucket name.
ResourceNotFound.CosBucketNotExist	The resource does not exist: the COS bucket does not exist.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DescribeSchedules

Last updated：2023-10-12 16:44:38

1. API Description

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

This API is used to query a scheme.

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: DescribeSchedules.
Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
ScheduleIds.N	No	Array of Integer	The IDs of the schemes to query. Array length limit: 100.
TriggerType	No	String	The trigger type. Valid values: • `CosFileUpload` : The scheme is triggered when a file is uploaded to Tencent Cloud Object Storage (COS). • `AwsS3FileUpload` : The scheme is triggered when a file is uploaded to AWS S3. If you do not specify this parameter or leave it empty, all schemes

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			will be returned regardless of the trigger type.
Status	No	String	The scheme status. Valid values: • `Enabled` • `Disabled` If you do not specify this parameter, all schemes will be returned regardless of the status.
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.
ScheduleInfoSet	Array of SchedulesInfo	The information of the schemes.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying a scheme

This example shows you how to query the scheme whose ID is `0` .

Input Example

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

{
"ScheduleIds": [
```

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```
0
]
}
```

Output Example

```
{
"Response": {
"TotalCount": 0,
"ScheduleInfoSet": [],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```

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

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FailedOperation.InvalidMpsUser	Operation failed: unauthorized MPS user.
FailedOperation.InvalidUser	Operation failed: invalid user.
InternalError	Internal error.
InternalError.AccessDBError	Data error.
InvalidParameter	Parameter error.

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ModifySchedule

Last updated：2023-10-12 16:44:37

1. API Description

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

This API is used to modify a scheme.

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: ModifySchedule.
Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
ScheduleId	Yes	Integer	The scheme ID.
ScheduleName	No	String	The scheme name.
Trigger	No	WorkflowTrigger	The trigger of the scheme.
Activities.N	No	Array of Activity	The subtasks of the scheme. Note: You need to pass in the full list of subtasks even if you want to change only some of the subtasks.

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OutputStorage	No	TaskOutputStorage	The bucket to save the output file.
OutputDir	No	String	The directory to save the media processing output file, which must start and end with `/`. Note: If this parameter is left empty, the current `OutputDir` value will be invalidated.
TaskNotifyConfig	No	TaskNotifyConfig	The notification configuration.

3. Output Parameters

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

4. Example

Example1 Modifying a scheme

This example shows you how to modify a scheme.

Input Example

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

{
"ScheduleId": 22435,
"Trigger": {
"Type": "AwsS3FileUpload",
"AwsS3FileUploadTrigger": {
"S3Bucket": "evanxia-test",
"S3Region": "us-east-1",
"Dir": "/input/"
}
}
}
```

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Output Example

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

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.InvalidMpsUser	Operation failed: unauthorized MPS user.
FailedOperation.InvalidUser	Operation failed: invalid user.
InternalError	Internal error.

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InternalError.AccessDBError	Data error.
InvalidParameterValue	Incorrect parameter value.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DeleteSchedule

Last updated：2023-10-12 16:44:38

1. API Description

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

This API is used to delete a scheme.

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: DeleteSchedule.
Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
ScheduleId	Yes	Integer	The scheme ID.

3. Output Parameters

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

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4. Example

Example1 Deleting a scheme

Input Example

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

{
"ScheduleId": 0
}
```

Output Example

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

5. Developer Resources

SDK

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

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
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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.
InternalError.AccessDBError	Data error.
InvalidParameter	Parameter error.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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CreateSchedule

Last updated：2023-10-12 16:44:38

1. API Description

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

This API is used to create a scheme for media files uploaded to a specified COS bucket. A scheme may include the following tasks:

1. Video transcoding (with watermark)
2. Animated screenshot generating
3. Time point screencapturing
4. Sampled screencapturing
5. Image sprite generating
6. Adaptive bitrate streaming
7. Intelligent content moderation (detection of pornographic and sensitive content)
8. Intelligent content analysis (labeling, categorization, thumbnail generation, labeling by frame)
9. Intelligent content recognition (face, full text, text keyword, full speech, and speech keyword)

Note: A scheme is disabled upon creation. You need to manually enable it.

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: CreateSchedule.

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Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
ScheduleName	Yes	String	The scheme name (max 128 characters). This name should be unique across your account.
Trigger	Yes	WorkflowTrigger	The trigger of the scheme. If a file is uploaded to the specified bucket, the scheme will be triggered.
Activities.N	Yes	Array of Activity	The subtasks of the scheme.
OutputStorage	No	TaskOutputStorage	The bucket to save the output file. If you do not specify this parameter, the bucket in `Trigger` will be used.
OutputDir	No	String	The directory to save the media processing output file, which must start and end with `/` , such as `/movie/201907/` . If you do not specify this, the file will be saved to the trigger directory.
TaskNotifyConfig	No	TaskNotifyConfig	The notification configuration. If you do not specify this parameter, notifications will not be sent.

3. Output Parameters

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

4. Example

Example1 Configuring a transcoding rule

This example shows you how to create a scheme for the bucket "evan-test-1300828900". It will be triggered whenever an MP4 or FLV file is uploaded to the bucket's `/input/` directory. After it is triggered, a transcoding task (template

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ID 10) will be executed multiple times.

Input Example

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

{
"ScheduleName": "evan_test7",
"Trigger": {
"Type": "CosFileUpload",
"CosFileUploadTrigger": {
"Bucket": "evan-test-1300828900",
"Region": "ap-guangzhou",
"Dir": "/input/",
"Formats": [
"mp4",
"flv"
]
}
},
"Activities": [
{
"ActivityType": "input",
"ReardriveIndex": [
1,
2
]
},
{
"ActivityType": "action-trans",
"ReardriveIndex": [
3
],
"ActivityPara": {
"TranscodeTask": {
"Definition": 10
}
}
},
{
"ActivityType": "action-trans",
"ReardriveIndex": [
6,
```

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```
7
],
"ActivityPara": {
"TranscodeTask": {
"Definition": 10
}
}
},
{
"ActivityType": "action-trans",
"ReardriveIndex": [
4,
5
],
"ActivityPara": {
"TranscodeTask": {
"Definition": 10
}
}
},
{
"ActivityType": "action-trans",
"ReardriveIndex": [
10
],
"ActivityPara": {
"TranscodeTask": {
"Definition": 10
}
}
},
{
"ActivityType": "action-trans",
"ReardriveIndex": [
10
],
"ActivityPara": {
"TranscodeTask": {
"Definition": 10
}
}
},
{
"ActivityType": "action-trans",
"ReardriveIndex": [
10
],
```

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```
"ActivityPara": {
"TranscodeTask": {
"Definition": 10
}
}
},
{
"ActivityType": "action-trans",
"ReardriveIndex": [
8
],
"ActivityPara": {
"TranscodeTask": {
"Definition": 10
}
}
},
{
"ActivityType": "action-trans",
"ReardriveIndex": [
9
],
"ActivityPara": {
"TranscodeTask": {
"Definition": 10
}
}
},
{
"ActivityType": "action-trans",
"ReardriveIndex": [
10
],
"ActivityPara": {
"TranscodeTask": {
"Definition": 10
}
}
},
{
"ActivityType": "output",
"ActivityPara": {}
}
],
"OutputStorage": {
"Type": "COS",
"CosOutputStorage": {
```

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```
"Bucket": "evan-test-1300828900",
"Region": "ap-nanjing"
}
},
"OutputDir": "output/"
}
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"ScheduleId": 157482
}
}
```

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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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.CosStatusInavlid	Operation failed: COS service is suspended.
FailedOperation.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InternalError.AccessDBError	Data error.
InternalError.GenDefinition	Internal error: failed to generate template ID.
InvalidParameterValue	Incorrect parameter value.
LimitExceeded.TooMuchTemplate	Limit reached: the number of templates exceeds the limit.
ResourceNotFound.CosBucketNameInvalid	The resource does not exist: invalid COS bucket name.
ResourceNotFound.CosBucketNotExist	The resource does not exist: the COS bucket does not exist.

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EnableWorkflow

Last updated：2023-10-12 16:44:37

1. API Description

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

This API is used to enable a workflow.

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: EnableWorkflow.
Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
WorkflowId	Yes	Integer	Workflow ID.

3. Output Parameters

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

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4. Example

Example1 Enabling a workflow

This example shows you how to enable the workflow whose ID is 10000.

Input Example

```
https://mps.tencentcloudapi.com/?Action=EnableWorkflow
&WorkflowId=10000
&<Common request parameters>
```

Output Example

```
{
"Response": {
"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.BucketNotifyAlreadyExist	Operation failed: notification has already been set for the bucket.
FailedOperation.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
ResourceNotFound.CosBucketNameInvalid	The resource does not exist: invalid COS bucket name.
ResourceNotFound.CosBucketNotExist	The resource does not exist: the COS bucket does not exist.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DisableWorkflow

Last updated：2023-10-12 16:44:37

1. API Description

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

This API is used to disable a workflow.

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: DisableWorkflow.
Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
WorkflowId	Yes	Integer	Workflow ID.

3. Output Parameters

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

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4. Example

Example1 Disabling a workflow

This example shows you how to disable the workflow whose ID is 19000.

Input Example

```
https://mps.tencentcloudapi.com/?Action=DisableWorkflow
&WorkflowId=19000
&<Common request parameters>
```

Output Example

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

5. Developer Resources

SDK

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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.CosStatusInavlid	Operation failed: COS service is suspended.
FailedOperation.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
ResourceNotFound.CosBucketNameInvalid	The resource does not exist: invalid COS bucket name.
ResourceNotFound.CosBucketNotExist	The resource does not exist: the COS bucket does not exist.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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DescribeWorkflows

Last updated：2023-10-12 16:44:38

1. API Description

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

This API is used to get the list of workflow details by workflow 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: DescribeWorkflows.
Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
WorkflowIds.N	No	Array of Integer	Workflow ID filter. Array length limit: 100.
Status	No	String	Workflow status. Valid values: • Enabled: Enabled, • Disabled: Disabled. If this parameter is left empty, the workflow status will not be distinguished.
Offset	No	Integer	Paging offset. Default value: 0.

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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.
WorkflowInfoSet	Array of WorkflowInfo	Workflow information array.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying a workflow

This example shows you how to query the workflow whose ID is 78459.

Input Example

```
https://mps.tencentcloudapi.com/?Action=DescribeWorkflows
&WorkflowIds.0=78459
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"TotalCount": 1,
"WorkflowInfoSet": [
{
"WorkflowId": 78459,
"WorkflowName": "transcode-10",
"Status": "Enabled",
"Trigger": {
"Type": "CosFileUpload",
```

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```
"CosFileUploadTrigger": {
"Bucket": "TopRankVideo-125xxx88",
"Region": "ap-chongqing",
"Dir": "/movie/201907/"
}
},
"OutputStorage": {
"Type": "COS",
"CosOutputStorage": {
"Bucket": "TopRankVideo-125xxx88",
"Region": "ap-chongqing"
}
},
"MediaProcessTask": {
"TranscodeTaskSet": [
{
"Definition": 10,
"WatermarkSet": []
}
]
},
"OutputDir": "/movie/201907/",
"AiContentReviewTask": null,
"AiRecognitionTask": null,
"AiAnalysisTask": null,
"TaskNotifyConfig": null,
"TaskPriority": 0,
"CreateTime": "2019-07-18T10:00:00Z",
"UpdateTime": "2019-07-18T11:00:03Z"
}
]
}
}
```


5. Developer Resources

SDK

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

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- Tencent Cloud SDK 3.0 for Java
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- Tencent Cloud SDK 3.0 for Go
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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.

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DeleteWorkflow

Last updated：2023-10-12 16:44:38

1. API Description

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

This API is used to delete a workflow. An enabled workflow must be disabled before it can be deleted.

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: DeleteWorkflow.
Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
WorkflowId	Yes	Integer	Workflow ID.

3. Output Parameters

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

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4. Example

Example1 Deleting a workflow

This example shows you how to delete a workflow.

Input Example

```
https://mps.tencentcloudapi.com/?Action=DeleteWorkflow
&WorkflowId=45781
&<Common request parameters>
```

Output Example

```
{
"Response": {
"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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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CreateWorkflow

Last updated：2023-10-12 16:44:38

1. API Description

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

This API is used to create a workflow for media files uploaded to a specified COS bucket. A workflow may include the following tasks:

1. Video transcoding (with watermark)
2. Animated image generating
3. Time point screencapturing
4. Sampled screencapturing
5. Image sprite generating
6. Adaptive bitrate streaming
7. Intelligent content moderation (detection of pornographic and sensitive content)
8. Intelligent content analysis (labeling, categorization, thumbnail generation, frame-specific labeling)
9. Intelligent content recognition (face, full text, text keyword, full speech, and speech keyword)

Note: A workflow is disabled upon creation. You need to manually enable it.

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: CreateWorkflow.

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Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
WorkflowName	Yes	String	Workflow name of up to 128 characters, which must be unique for the same user.
Trigger	Yes	WorkflowTrigger	Triggering rule bound to a workflow. If an uploaded video hits the rule for the object, the workflow will be triggered.
OutputStorage	No	TaskOutputStorage	The location to save the output file of media processing. If this parameter is left empty, the storage location in `Trigger` will be inherited.
OutputDir	No	String	The directory to save the media processing output file, which must start and end with `/` , such as `/movie/201907/` . If you do not specify this, the file will be saved to the trigger directory.
MediaProcessTask	No	MediaProcessTaskInput	The media processing parameters to use.
AiContentReviewTask	No	AiContentReviewTaskInput	Type parameter of a video content audit task.
AiAnalysisTask	No	AiAnalysisTaskInput	Video content analysis task parameter.
AiRecognitionTask	No	AiRecognitionTaskInput	Type parameter of a video content recognition task.
TaskNotifyConfig	No	TaskNotifyConfig	Event notification configuration for a task. If this parameter is left empty, no event notifications will be obtained.
TaskPriority	No	Integer	Workflow priority. The higher the value, the higher the priority. Value range: [-10, 10]. If this parameter is left empty, 0 will be used.

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3. Output Parameters

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

4. Example

Example1 Setting a transcoding rule

This example shows you how to set a transcoding rule named "trans-100020-100030-100040" to process the content in the `TopRankVideo-125xxx88` bucket according to the transcoding templates 100020, 100030, and 100040.

Input Example

```
https://mps.tencentcloudapi.com/?Action=CreateWorkflow
&WorkflowName=trans-100020-100030-100040
&Trigger.Type=CosFileUpload
&Trigger.CosFileUploadTrigger.Bucket=TopRankVideo-125xxx88
&Trigger.CosFileUploadTrigger.Region=ap-chongqing
&Trigger.CosFileUploadTrigger.Dir=/movie/201907/
&MediaProcessTask.TranscodeTaskSet.0.Definition=100020
&MediaProcessTask.TranscodeTaskSet.1.Definition=100030
&MediaProcessTask.TranscodeTaskSet.2.Definition=100040
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"WorkflowId": 157482
}
}
```

Example2 Setting a sampled screenshot rule

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This example shows you how to set a screenshot rule named "snapshot" to process the content in the `TopRankVideo-125xxx88` bucket according to the screenshot template 100010.

Input Example

```
https://mps.tencentcloudapi.com/?Action=CreateWorkflow
&WorkflowName=snapshot
&Trigger.Type=CosFileUpload
&Trigger.CosFileUploadTrigger.Bucket=TopRankVideo-125xxx88
&Trigger.CosFileUploadTrigger.Region=ap-chongqing
&Trigger.CosFileUploadTrigger.Dir=/movie/201907/
&MediaProcessTask.SampleSnapshotTaskSet.0.Definition=100010
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "6ca31e3a-6b8e-4b4e-9256-fdc700064ef3",
"WorkflowId": 3457482
}
}
```

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.CosStatusInavlid	Operation failed: COS service is suspended.
FailedOperation.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
LimitExceeded.TooMuchTemplate	Limit reached: the number of templates exceeds the limit.
ResourceNotFound.CosBucketNameInvalid	The resource does not exist: invalid COS bucket name.
ResourceNotFound.CosBucketNotExist	The resource does not exist: the COS bucket does not exist.

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ResetWorkflow

Last updated：2023-10-12 16:44:37

1. API Description

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

This API is used to reset an existing workflow that is disabled.

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: ResetWorkflow.
Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
WorkflowId	Yes	Integer	Workflow ID.
WorkflowName	Yes	String	Workflow name of up to 128 characters, which must be unique for the same user.
Trigger	Yes	WorkflowTrigger	Triggering rule bound to a workflow. If an uploaded video hits the rule for the object, the workflow will be triggered.
OutputStorage	No	TaskOutputStorage	Output configuration of a video

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			processing output file. If this parameter is left empty, the storage location in `Trigger` will be inherited.
OutputDir	No	String	Target directory of a video processing output file, such as `/movie/201907/` . If this parameter is left empty, the file will be outputted to the same directory where the source file is located, i.e.; `{inputDir}` .
MediaProcessTask	No	MediaProcessTaskInput	Parameter of a video processing task.
AiContentReviewTask	No	AiContentReviewTaskInput	Type parameter of a video content audit task.
AiAnalysisTask	No	AiAnalysisTaskInput	Video content analysis task parameter.
AiRecognitionTask	No	AiRecognitionTaskInput	Type parameter of a video content recognition task.
TaskPriority	No	Integer	Workflow priority. The higher the value, the higher the priority. Value range: [-10, 10]. If this parameter is left empty, 0 will be used.
TaskNotifyConfig	No	TaskNotifyConfig	Event notification information of a task. If this parameter is left empty, no event notifications will be obtained.

3. Output Parameters

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

4. Example

Example1 Resetting a transcoding rule

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This example shows you how to reset the transcoding rule of the workflow whose ID is 2573 to add a watermark to the transcoding output.

Input Example

```
https://mps.tencentcloudapi.com/?Action=ResetWorkflow
&WorkflowId=2573
&WorkflowName=trans-100020-100030-100040
&Trigger.Type=CosFileUpload
&Trigger.CosFileUploadTrigger.Bucket=TopRankVideo-125xxx88
&Trigger.CosFileUploadTrigger.Region=ap-chongqing
&Trigger.CosFileUploadTrigger.Dir=/movie/201907/
&MediaProcessTask.TranscodeTaskSet.0.Definition=100020
&MediaProcessTask.TranscodeTaskSet.0.WatermarkSet.0.Definition=12580
&MediaProcessTask.TranscodeTaskSet.1.Definition=100030
&MediaProcessTask.TranscodeTaskSet.1.WatermarkSet.0.Definition=12580
&MediaProcessTask.TranscodeTaskSet.2.Definition=100040
&MediaProcessTask.TranscodeTaskSet.2.WatermarkSet.0.Definition=12580
&<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++

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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.

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AI-based Sample Management APIs
ModifyWordSample

Last updated：2023-10-12 16:44:48

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Keyword	Yes	String	Keyword. Length limit: 128 characters.
Usages.N	No	Array of String	**Keyword usage. Valid values:** 1. Recognition.Ocr: OCR-based content recognition 2. Recognition.Asr: ASR-based content

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			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, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Modifying a keyword sample

Input Example

```
https://mps.tencentcloudapi.com/?Action=ModifyWordSample
&Keyword=Fight
&Usages.0=Review
&TagOperationInfo.Type=reset
&TagOperationInfo.Tags.0=Sensitive information
&<Common request parameters>
```

Output Example

```
{
"Response": {
"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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
ResourceNotFound.Word	The resource does not exist: Keyword.

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ModifyPersonSample

Last updated：2023-10-12 16:44:48

1. API Description

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

This API is used to modify image samples by image ID. You can use it to modify the name and description of an image sample and add/delete/reset facial features or tags. There must be at least one image left after the deletion of facial features; otherwise, please reset instead of delete the facial features.

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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
PersonId	Yes	String	Image ID
Name	No	String	Name. Length limit: 128 characters.
Description	No	String	Description. Length limit: 1,024 characters.
Usages.N	No	Array of String	Image usage. Valid values: 1. Recognition: used for content recognition;

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			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	Image information
FailFaceInfoSet	Array of AiSampleFailFaceInfo	Information of images 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, which is returned for each request. 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://mps.tencentcloudapi.com/?Action=ModifyPersonSample
&PersonId=10569
&Name=John Smith
&Description=American actor, director, and producer
&Usages.0=All
&<Common request parameters>
```

Output Example

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```
{
"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"
}
],
"TagSet": [],
"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 image tag.

Input Example


```
https://mps.tencentcloudapi.com/?Action=ModifyPersonSample
&PersonId=10569
&Name=John Smith
&Description=American actor, director, and producer
&FaceOperationInfo.Type=add
&FaceOperationInfo.FaceContents.0=/9j/4AAQSkZJRgABAQEAYABgAAD/2wBDAAYEBQYFBAYGBQY
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```

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gQQwOCD2NMI5qAIyKYwqQ0w0ARGmmpDTDQBH3H1op38Q+tFIZ//9k=
&TagOperationInfo.Type=add
&TagOperationInfo.Tags.0=US
&TagOperationInfo.Tags.1=Celebrity
&<Common request parameters>

Output Example

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```
{
"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"
],
"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 a facial feature image and image tag.

Input Example


```
https://mps.tencentcloudapi.com/?Action=ModifyPersonSample
&PersonId=10569
&Name=John Smith
&Description=American actor, director, and producer
&FaceOperationInfo.Type=reset
&FaceOperationInfo.FaceContents.0=/9j/4AAQSkZJRgABAQEAYABgAAD/2wBDAAYEBQYFBAYGBQY
HBwYIChAKCgkJChQODwwQFxQYGBcUFhYaHSUfGhsjHBYWICwgIyYnKSopGR8tMC0oMCUoKSj/2wBDAQcH
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```


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IJZEQ2jQQSjD7Uh6CCgF2aHoN65W7r+qUEFqhwZZ8n//Z
&TagOperationInfo.Type=reset
&TagOperationInfo.Tags.0=US

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```
&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/8b0dd2b5vodcq1256768367/001ac07352858
90783753281555/face.jpeg"
},
{
"FaceId": "10026",
"Url": "http://1256768367.vod2.myqcloud.com/8b0dd2b5vodcq1256768367/001ac07352858
90783753281556/face.jpeg"
}
],
"TagSet": [
"China",
"Celebrity"
],
"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 image tag.

Input Example

```
https://mps.tencentcloudapi.com/?Action=ModifyPersonSample
&PersonId=10569
&Name=John Smith
&Description=American actor, director, and producer
&FaceOperationInfo.Type=delete
```

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```
&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/8b0dd2b5vodcq1256768367/001ac07352858
90783753281555/face.jpeg"
}
],
"TagSet": [
"Celebrity"
],
"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.

- 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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.FaceDuplicate	Incorrect parameter value: duplicated face.
InvalidParameterValue.PicFormatError	Incorrect parameter value: incorrect face image format.
ResourceNotFound.Person	The resource does not exist: figure.

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DescribeWordSamples

Last updated：2023-10-12 16:44:48

1. API Description

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

This API is used to perform paged 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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Keywords.N	No	Array of String	Keyword filter. Array length limit: 100 words.
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

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			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 usage contains any element in this parameter, the keyword sample will be used.
Tags.N	No	Array of String	Tag filter. Array length limit: 20 words.
Offset	No	Integer	Paging offset. Default value: 0.
Limit	No	Integer	Number of returned entries. Default value: 100. Maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries. Note: This field may return null, indicating that no valid values can be obtained.
WordSet	Array of AiSampleWord	Keyword information. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Getting a list of keyword samples - with no filters

This example shows you how to traverse the keyword list with no filters.

Input Example

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

Output Example

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```
{
"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 Getting a list of keyword samples - with filters

This example shows you how to query keywords with filters such as specified usage.

Input Example

```
https://mps.tencentcloudapi.com/?Action=DescribeWordSamples
&Usages.0=Recognition
&Usages.1=Review.Ocr
&Keywords.0=John Smith
&Tags.0=Celebrity
&Offset=0
```

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```
&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.

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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++

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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.

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DescribePersonSamples

Last updated：2023-10-12 16:44:48

1. API Description

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

This API is used to query the information of image samples. It supports paginated queries by image 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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Type	No	String	Type of images to pull. Valid values: • UserDefine: custom image library • Default: default image library Default value: UserDefine. Samples in the custom image library will be pulled. Note: you can pull the default image library only using the image name or a combination of the image name and ID, and only one face image is returned.

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PersonIds.N	No	Array of String	Image ID. Array length limit: 100
Names.N	No	Array of String	Image name. Array length limit: 20
Tags.N	No	Array of String	Image tag. Array length limit: 20
Offset	No	Integer	Paging offset. Default value: 0.
Limit	No	Integer	Number of returned entries. Default value: 100. Maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible entries.
PersonSet	Array of AiSamplePerson	Image information
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Getting a list of image samples

Input Example

```
https://mps.tencentcloudapi.com/?Action=DescribePersonSamples
&PersonIds.0=10569
&Names.0=John Smith
&Tags.0=Celebrity
&Offset=0
&Limit=20
&<Common request parameters>
```

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Output Example


```
{
"Response": {
"TotalCount": 1,
"PersonSet": [
{
"PersonId": "10569",
"Name": "John Smith",
"Description": "American actor, director, and producer",
"FaceInfoSet": [
{
"FaceId": "10024",
"Url": "http://1256768367.vod2.myqcloud.com/8b0dd2b5vodcq1256768367/4d27b39f52858
90783754292994/face.jpeg"
}
],
"UsageSet": [
"Recognition"
],
"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

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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.

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DeleteWordSamples

Last updated：2023-10-12 16:44:48

1. API Description

Domain name for API request: mps.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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Keywords.N	Yes	Array of String	Keyword. Array length limit: 100 words.

3. Output Parameters

Parameter Name	Type	Description

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

4. Example

Example1 Deleting a keyword sample

Input Example

```
https://mps.tencentcloudapi.com/?Action=DeleteWordSamples
&Keywords.0=John Smith
&<Common request parameters>
```

Output Example

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

5. Developer Resources

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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.
InvalidParameterValue	Incorrect parameter value.

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DeletePersonSample

Last updated：2023-10-12 16:44:48

1. API Description

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

This API is used to delete image samples by image 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: DeletePersonSample.
Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
PersonId	Yes	String	Image ID

3. Output Parameters

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

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		locating a problem.

4. Example

Example1 Deleting an image sample

Input Example

```
https://mps.tencentcloudapi.com/?Action=DeletePersonSample
&PersonId=10562
&<Common request parameters>
```

Output Example

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

5. Developer Resources

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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
ResourceNotFound.Person	The resource does not exist: figure.

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CreateWordSamples

Last updated：2023-10-12 16:44:49

1. API Description

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

This API is used to create keyword samples in batches for video processing operations such as content recognition and inappropriate information detection with the help of the OCR and ASR technologies.

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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
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:**

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			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 detection; equivalent to 1+2+3+4
Words.N	Yes	Array of AiSampleWordInfo	Keyword. Array length limit: 100.

3. Output Parameters

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

4. Example

Example1 Creating a keyword sample - `Review`

If Usages=Review, then the keyword can be used for OCR- and ASR-based detection of inappropriate content.

Input Example

```
https://mps.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"
}
}
```

Example2 Creating a keyword sample - `Recognition`

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If Usages=["Recognition.Ocr","Review.Ocr"], then the keyword can be used for OCR-based content recognition and inappropriate information detection.

Input Example

```
https://mps.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"
}
}
```

Example3 Creating a keyword sample - `All`

If Usages=All, then the keyword can be used for OCR- and ASR-based content recognition and inappropriate information detection.

Input Example

```
https://mps.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"
}
}
```

5. Developer Resources

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.

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CreatePersonSample

Last updated：2023-10-12 16:44:49

1. API Description

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

This API is used to create image samples for video processing operations such as content recognition and inappropriate information detection with the help of technologies such as facial feature positioning.

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: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Name	Yes	String	Name of an image. Length limit: 20 characters
Usages.N	Yes	Array of String	Image 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: equivalent to 1+2

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Description	No	String	Image description. Length limit: 1,024 characters
FaceContents.N	No	Array of String	Base64 string converted from an image. Only JPEG and PNG images are supported. Array length limit: 5 images Note: the image must be a relatively clear facial feature photo of one person with a size of at least 200 x 200 pixels.
Tags.N	No	Array of String	Image tag • Array length limit: 20 tags • Tag length limit: 128 characters

3. Output Parameters

Parameter Name	Type	Description
Person	AiSamplePerson	Image information
FailFaceInfoSet	Array of AiSampleFailFaceInfo	Information of images that failed the verification by facial feature positioning
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Creating an image sample

Input Example

```
https://mps.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
wwQFxQYGBcUFhYaHSUfGhsjHBYWICwgIyYnKSopGR8tMC0oMCUoKSj/2wBDAQcHBwoIChMKChMoGhYaKC
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```

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BHijFSY4oAoAjxQRTwKa7KiM7kKijJJ7DuaAMTxFrcelRbFXfcuuVXPCj1P8AhXnVxcSXEzSzuXkY5LGr
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7/WuMI5rvws5Ti3LucONpRpySiraEWKQipSOaYRXUcRERTSKlIppFAERFNIqUimkUDIiKawqUimEUgIyK
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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/1551782718390709312 5.jpeg"
}
],
"TagSet": [
"US",
"Celebrity"
],
"UsageSet": [
"Recognition.Face",
"Review.Face"
],
"CreateTime": "2019-01-16T11:34:46Z",
"UpdateTime": "2019-01-16T11:34:46Z"
},
"FailFaceInfoSet": [
{
"Index": 1,
"ErrCode": 18004,
"Message": "face picture format error"
}
],
"RequestId": "2e63f898-cafd-4840-a17d-b8db9f02a9d6"
}
}
```


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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InternalError	Internal error.
InvalidParameterValue	Incorrect parameter value.
InvalidParameterValue.FaceDuplicate	Incorrect parameter value: duplicated face.
InvalidParameterValue.PicFormatError	Incorrect parameter value: incorrect face image format.

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Parse Notification APIs
ParseNotification

Last updated：2023-10-12 16:44:46

1. API Description

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

This API is used to parse the content of an MPS event notification from the `msgBody` field in the message received from CMQ.
Instead of initiating a video processing task, this API is used to help generate SDKs for various programming languages. You can parse the event notification based on the analytic function of the SDKs.

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: ParseNotification.
Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Content	Yes	String	Event notification obtained from CMQ.

3. Output Parameters

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Parameter Name	Type	Description
EventType	String	The event type. Valid values: • WorkflowTask • EditMediaTask • ScheduleTask (scheme)
WorkflowTaskEvent	WorkflowTask	The information of a video processing task. Information will be returned only if `EventType` is `WorkflowTask`. Note: This field may return null, indicating that no valid values can be obtained.
EditMediaTaskEvent	EditMediaTask	The information of a video editing task. Information will be returned only if `EventType` is `EditMediaTask`. 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 an empty string is entered, 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 field. It can contain up to 1,000 characters.
ScheduleTaskEvent	ScheduleTask	The information of a scheme. Information will be returned only if `EventType` is `ScheduleTask`. Note: This field may return null, indicating that no valid values can be obtained.
Timestamp	Integer	- The expiration time (Unix timestamp) of the notification's signature. - By default, notifications sent by MPS expire after 10 minutes. If the expiration time specified has elapsed, a notification will be considered invalid. This can prevent replay attacks. - The format of this parameter is a decimal Unix timestamp, i.e., the number of seconds that have elapsed since 00:00 (UTC/GMT time) on January 1, 1970.
Sign	String	The notification signature. Sign = MD5 (Timestamp + NotifyKey) MPS concatenates `Timestamp` and `NotifyKey` in `TaskNotifyConfig` and calculates a signature using the MD5 algorithm. This signature is included in the notification sent to your backend server. If the signature in the notification matches your own calculation result, it indicates that the notification is from MPS.

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

4. Example

Example1 Parsing an event notification

This example shows you how to parse an event notification.

Input Example

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

{
"Content": "{\"EventType\":\"ProcedureStateChanged\",XXX"
}
```

Output Example

```
{
"Response": {
"EventType": "WorkflowTask",
"WorkflowTaskEvent": {
"TaskId": "1256768367-Procedure-475b7237438a39560b9879a4556cb177t1",
"Status": "FINISH",
"ErrCode": 0,
"Message": "",
"InputInfo": {
"Type": "COS",
"CosInputInfo": {
"Bucket": "TopRankVideo-125xxx88",
"Region": "ap-chongqing",
"Object": "/movie/201907/WildAnimal.mov"
},
"UrlInputInfo": null,
"S3InputInfo": null
},
"MetaData": {
"AudioDuration": 59.990001678467,
"AudioStreamSet": [
```

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```
{
"Bitrate": 383854,
"SamplingRate": 48000,
"Codec": "aac",
"Channel": 0
}
],
"Bitrate": 1021028,
"Container": "mov,mp4,m4a,3gp,3g2,mj2",
"Duration": 60,
"Height": 480,
"Rotate": 0,
"Size": 7700180,
"VideoDuration": 60,
"VideoStreamSet": [
{
"Bitrate": 637174,
"Codec": "h264",
"Fps": 23,
"Height": 480,
"Width": 640,
"ColorPrimaries": "abc",
"ColorSpace": "abc",
"ColorTransfer": "abc",
"HdrType": "abc"
}
],
"Width": 640
},
"MediaProcessResultSet": [
{
"Type": "Transcode",
"TranscodeTask": {
"Status": "SUCCESS",
"ErrCodeExt": "SUCCESS",
"ErrCode": 0,
"Message": "SUCCESS",
"Progress": 0,
"Input": {
"Definition": 20,
"WatermarkSet": null,
"OutputObjectPath": "",
"RawParameter": null,
"StartTimeOffset": 0,
"EndTimeOffset": 0,
"OverrideParameter": null,
"ObjectNumberFormat": null,
```


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```
"OutputStorage": null,
"SegmentObjectName": "",
"HeadTailParameter": null,
"MosaicSet": []
},
"Output": {
"Path": "/movie/201907/WildAnimal_transcode_20.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",
"Fps": 24,
"Height": 480,
"Width": 640,
"ColorPrimaries": "abc",
"ColorSpace": "abc",
"ColorTransfer": "abc",
"HdrType": "abc"
}
],
"AudioStreamSet": [
{
"Bitrate": 48491,
"Codec": "aac",
"SamplingRate": 44100,
"Channel": 0
}
],
"Definition": 0
}
},
"AnimatedGraphicTask": null,
"SnapshotByTimeOffsetTask": null,
"SampleSnapshotTask": null,
"ImageSpriteTask": null
}
],
"AiQualityControlTaskResult": null,
"AiAnalysisResultSet": [],
"AiRecognitionResultSet": [],
```


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```
"AiContentReviewResultSet": []
},
"RequestId": "335bdaa3-db0e-46ce-9946-51941d9cb0f5",
"ScheduleTaskEvent": null,
"EditMediaTaskEvent": null,
"SessionId": "",
"SessionContext": ""
}
}
```


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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InvalidParameter	Parameter error.

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InvalidParameterValue.InvalidContent	The value of the parsed `Content` is invalid.

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ParseLiveStreamProcessNotification

Last updated：2023-10-12 16:44:47

1. API Description

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

This API is used to parse the content of an MPS live stream processing event notification from the `msgBody` field in the message received from CMQ.
Instead of initiating a video processing task, this API is used to help generate SDKs for various programming languages. You can parse the event notification based on the analytic function of the SDKs.

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: ParseLiveStreamProcessNotification.
Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
Content	Yes	String	Live stream event notification obtained from CMQ.

3. Output Parameters

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Parameter Name	Type	Description
NotificationType	String	Result type of live stream processing. Valid values: • AiReviewResult: Content audit result; • ProcessEof: Live stream processing has been completed.
TaskId	String	Video processing task ID.
ProcessEofInfo	LiveStreamProcessErrorInfo	Information of a live stream processing error, which is valid when `NotificationType` is `ProcessEof`. Note: This field may return null, indicating that no valid values can be obtained.
AiReviewResultInfo	LiveStreamAiReviewResultInfo	Content audit result, which is valid when `NotificationType` is `AiReviewResult`. Note: This field may return null, indicating that no valid values can be obtained.
AiRecognitionResultInfo	LiveStreamAiRecognitionResultInfo	Content recognition result, which is valid if `NotificationType` is `AiRecognitionResult`.
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 an empty string is entered, 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 field. It can contain up to 1,000 characters.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

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4. Example

Example1 Parsing a live stream event notification

Input Example

```
https://mps.tencentcloudapi.com/?Action=ParseLiveStreamProcessNotification
&Content={"NotificationType":"AiReviewResult",XXX
&<Common request parameters>
```

Output Example

```
{
"Response": {
"NotificationType": "AiReviewResult",
"TaskId": "2459149217-procedure-live-xxx51da009t0",
"ProcessEofInfo": null,
"AiReviewResultInfo": {
"ResultSet": [
{
"Type": "VoicePorn",
"ImagePornResultSet": [],
"ImageTerrorismResultSet": [],
"ImagePoliticalResultSet": [],
"VoicePornResultSet": [
{
"StartPtsTime": 0.266,
"EndPtsTime": 4.146,
"Confidence": 98,
"Suggestion": "block",
"Label": "sexual_moan"
}
]
}
]
},
"SessionId": "",
"SessionContext": "",
"RequestId": "335bdaa3-db0e-46ce-9946-51941d9cb0f5"
}
}
```

5. Developer Resources

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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
InvalidParameterValue.InvalidContent	The value of the parsed `Content` is invalid.

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Other APIs
ExecuteFunction

Last updated：2023-10-12 16:44:47

1. API Description

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

This API is reserved for special circumstances. Do not use it unless you are directed to use it by technical support.

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: ExecuteFunction.
Version	Yes	String	Common Params. The value used for this API: 2019-06-12.
Region	No	String	Common Params. This parameter is not required for this API.
FunctionName	Yes	String	Name of called backend API.
FunctionArg	Yes	String	API parameter. Parameter format will depend on the actual function definition.

3. Output Parameters

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Parameter Name	Type	Description
Result	String	Packed string, which will vary according to the custom API.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 A media processing task customized for customer A.

Input Example

```
https://mps.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.

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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

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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.InvalidMpsUser	Operation failed: unauthorized MPS user.
FailedOperation.InvalidUser	Operation failed: invalid user.
InternalError	Internal error.
InvalidParameterValue.FunctionArg	Incorrect parameter value: FunctionArg.
InvalidParameterValue.FunctionName	Incorrect parameter value: FunctionName.
UnauthorizedOperation	Unauthorized operation.

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Data Types

Last updated：2023-10-12 16:44:49

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.
TagConfigure	TagConfigureInfo	Control parameter of intelligent tagging task.
CoverConfigure	CoverConfigureInfo	Control parameter of intelligent cover generating task.
FrameTagConfigure	FrameTagConfigureInfo	Control parameter of intelligent frame-specific tagging task.
CreateTime	String	Creation time of template in ISO date format.
UpdateTime	String	Last modified time of template in ISO date format.
Type	String	The template type. Valid values: * Preset * Custom Note: This field may return `null` , indicating that no valid value can be obtained.

AIRecognitionTemplateItem

Details of a video content recognition template

Used by actions: DescribeAIRecognitionTemplates.

Name	Type	Description

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Definition	Integer	Unique ID of a video content recognition template.
Name	String	Name of a video content recognition template.
Comment	String	Description of a video content recognition template.
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.
CreateTime	String	Creation time of a template in ISO date format.
UpdateTime	String	Last modified time of a template in ISO date format.
Type	String	The template type. Valid values: * Preset * Custom Note: This field may return `null` , indicating that no valid value can be obtained.

Activity

A subtask of a scheme.

Used by actions: CreateSchedule, DescribeSchedules, ModifySchedule.

Name	Type	Required	Description
ActivityType	String	Yes	The subtask type.

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			• `input` : The start. • `output` : The end. • `action-trans` : Transcoding. • `action-samplesnapshot` : Sampled screencapturing. • `action-AIAnalysis` : Content analysis. • `action-AIRecognition` : Content recognition. • `action-aiReview` : Content moderation. • `action-animated-graphics` : Animated screenshot generation. • `action-image-sprite` : Image sprite generation. • `action-snapshotByTimeOffset` : Time point screencapturing. • `action-adaptive-substream` : Adaptive bitrate streaming. Note: This field may return null, indicating that no valid values can be obtained.
ReardriveIndex	Array of Integer	No	The indexes of the subsequent actions. Note: This field may return null, indicating that no valid values can be obtained.
ActivityPara	ActivityPara	No	The parameters of a subtask. Note: This field may return null, indicating that no valid values can be obtained.

ActivityPara

A subtask of a scheme.

Used by actions: CreateSchedule, ModifySchedule.

Name	Type	Required	Description
TranscodeTask	TranscodeTaskInput	No	A transcoding task.
AnimatedGraphicTask	AnimatedGraphicTaskInput	No	An animated screenshot generation task.
SnapshotByTimeOffsetTask	SnapshotByTimeOffsetTaskInput	No	A time point screencapturing task.

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SampleSnapshotTask	SampleSnapshotTaskInput	No	A sampled screencapturing task.
ImageSpriteTask	ImageSpriteTaskInput	No	An image sprite generation task.
AdaptiveDynamicStreamingTask	AdaptiveDynamicStreamingTaskInput	No	An adaptive bitrate streaming task.
AiContentReviewTask	AiContentReviewTaskInput	No	A content moderation task.
AiAnalysisTask	AiAnalysisTaskInput	No	A content analysis task.
AiRecognitionTask	AiRecognitionTaskInput	No	A content recognition task.

ActivityResItem

The execution results of the subtasks of a scheme.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
TranscodeTask	MediaProcessTaskTranscodeResult	The result of a transcoding task. Note: This field may return null, indicating that no valid values can be obtained.
AnimatedGraphicTask	MediaProcessTaskAnimatedGraphicResult	The result of an animated image generating task. Note: This field may return null, indicating that no valid values can be obtained.

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SnapshotByTimeOffsetTask	MediaProcessTaskSampleSnapshotResult	The result of a time point screenshot task. Note: This field may return null, indicating that no valid values can be obtained.
SampleSnapshotTask	MediaProcessTaskSampleSnapshotResult	The result of a sampled screenshot task. Note: This field may return null, indicating that no valid values can be obtained.
ImageSpriteTask	MediaProcessTaskImageSpriteResult	The result of an image sprite task. Note: This field may return null, indicating that no valid values can be obtained.
AdaptiveDynamicStreamingTask	MediaProcessTaskAdaptiveDynamicStreamingResult	The result of an adaptive bitrate streaming task. Note: This field may return null, indicating that no valid values can be obtained.
RecognitionTask	ScheduleRecognitionTaskResult	The result of a content recognition task. Note: This field may return null, indicating that no valid values can be obtained.
ReviewTask	ScheduleReviewTaskResult	The result of a

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		content moderation task. Note: This field may return null, indicating that no valid values can be obtained.
AnalysisTask	ScheduleAnalysisTaskResult	The result of a content analysis task. Note: This field may return null, indicating that no valid values can be obtained.

ActivityResult

The execution result of a scheme.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
ActivityType	String	The type of the scheme's subtask. • Transcode: Transcoding • SampleSnapshot: Sampled screenshot • AnimatedGraphics: Animated image generating • SnapshotByTimeOffset: Time point screenshot • ImageSprites: Image sprite generating • AdaptiveDynamicStreaming: Adaptive bitrate streaming • AiContentReview: Content moderation • AIRecognition: Content recognition • AIAnalysis: Content analysis
ActivityResItem	ActivityResItem	The execution results of the subtasks of the scheme.

AdaptiveDynamicStreamingInfoItem

Adaptive bitrate streaming information

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Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	Adaptive bitrate streaming specification.
Package	String	Container format. Valid values: HLS, MPEG-DASH.
Path	String	Playback address.
Storage	TaskOutputStorage	Storage location of adaptive bitrate streaming files.

AdaptiveDynamicStreamingTaskInput

Input parameter type of adaptive bitrate streaming

Used by actions: CreateSchedule, CreateWorkflow, DescribeTaskDetail, ModifySchedule, ParseNotification, ProcessMedia, ResetWorkflow.

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.
OutputStorage	TaskOutputStorage	No	Note: This field may return·null, indicating that no
OutputObjectPath	String	No	The relative or absolute output path of the manife parameter is left empty, a relative path in the follc `{inputName}_adaptiveDynamicStreami`
SubStreamObjectName	String	No	The relative output path of the substream file afte left empty, a relative path in the following format v `{inputName}_adaptiveDynamicStreami`
SegmentObjectName	String	No	The relative output path of the segment file after b this parameter is left empty, a relative path in the `{inputName}_adaptiveDynamicStreami` `{format}` .
AddOnSubtitles	Array of AddOnSubtitle	No	Note: This field may return·null, indicating that no

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DrmInfo	DrmInfo	No	Note: This field may return·null, indicating that no

AdaptiveDynamicStreamingTemplate

Details of an adaptive bitrate streaming template

Used by actions: DescribeAdaptiveDynamicStreamingTemplates.

Name	Type	Description
Definition	Integer	Unique ID of an adaptive bitrate streaming template.
Type	String	Template type. Valid values: • Preset: preset template; • Custom: custom template.
Name	String	Name of an adaptive bitrate streaming template.
Comment	String	Description of an adaptive bitrate streaming template.
Format	String	Adaptive bitrate streaming format. Valid values: • HLS; • MPEG-DASH.
StreamInfos	Array of AdaptiveStreamTemplate	Parameter information of input streams for transcoding to 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.

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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 video stream. Valid values: • 0: no, • 1: yes.

AddOnSubtitle

The information of the subtitles to add.

Used by actions: CreateWorkflow, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Type	String	No	The mode. Valid values: • `subtitle-stream` : Add a subtitle track. • `close-caption-708` : Embed CEA-708 subtitles in SEI frames. • `close-caption-608` : Embed CEA-608 subtitles in SEI frames. Note: This field may return·null, indicating that no valid values can be obtained.
Subtitle	MediaInputInfo	No	The subtitle file. Note: This field may return·null, indicating that no valid values can be obtained.

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AiAnalysisResult

Intelligent analysis results

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Type	String	Task type. Valid values: • Classification: intelligent categorization • Cover: intelligent cover generating • Tag: intelligent tagging • FrameTag: intelligent frame-specific 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`.
CoverTask	AiAnalysisTaskCoverResult	Query result of intelligent cover generating task in video content analysis, which is valid if task type is `Cover`.
TagTask	AiAnalysisTaskTagResult	Query result of intelligent tagging task in video content analysis, which is valid if task type is `Tag`.
FrameTagTask	AiAnalysisTaskFrameTagResult	Query result of intelligent frame-specific tagging task in video content analysis, which is valid if task type is `FrameTag`.
HighlightTask	AiAnalysisTaskHighlightResult	The result of a highlight generation task. This parameter is valid if `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, ParseNotification.

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Name	Type	Description
Definition	Integer	Intelligent video categorization template ID.

AiAnalysisTaskClassificationOutput

Result information of intelligent categorization

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
ClassificationSet	Array of MediaAiAnalysisClassificationItem	List of intelligently generated video categories.

AiAnalysisTaskClassificationResult

Result type of intelligent categorization task

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	AiAnalysisTaskClassificationInput	Input of intelligent categorization task.
Output	AiAnalysisTaskClassificationOutput	Output of intelligent categorization task.

AiAnalysisTaskCoverInput

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Input type of intelligent categorization task

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	Intelligent video cover generating template ID.

AiAnalysisTaskCoverOutput

Result information of intelligent cover generating

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
CoverSet	Array of MediaAiAnalysisCoverItem	List of intelligently generated covers.
OutputStorage	TaskOutputStorage	Storage location of intelligently generated cover.

AiAnalysisTaskCoverResult

Result type of intelligent cover generating task

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	AiAnalysisTaskCoverInput	Input of intelligent cover generating task.
Output	AiAnalysisTaskCoverOutput	Output of intelligent cover generating task.

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AiAnalysisTaskFrameTagInput

Input type of intelligent frame-specific tagging task

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	Intelligent frame-specific video tagging template ID.

AiAnalysisTaskFrameTagOutput

Result information of intelligent frame-specific tagging

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
SegmentSet	Array of MediaAiAnalysisFrameTagSegmentItem	List of frame-specific video tags.

AiAnalysisTaskFrameTagResult

Result type of intelligent frame-specific tagging

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	AiAnalysisTaskFrameTagInput	Input of intelligent frame-specific tagging task.

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Output	AiAnalysisTaskFrameTagOutput	Output of intelligent frame-specific tagging task.

AiAnalysisTaskHighlightInput

The input of an intelligent highlight generation task.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	The ID of the intelligent highlight generation template.

AiAnalysisTaskHighlightOutput

The output of an intelligent highlight generation task.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
HighlightSet	Array of MediaAiAnalysisHighlightItem	A list of the highlight segments generated.
OutputStorage	TaskOutputStorage	The storage location of the highlight segments. Note: This field may return·null, indicating that no valid values can be obtained.

AiAnalysisTaskHighlightResult

The result of an intelligent highlight generation task.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	The task status. Valid values: `PROCESSING` , `SUCCESS` , `FAIL` .
ErrCode	Integer	Error code. `0` : The task succeeded; other values: The task failed.

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Message	String	The error message.
Input	AiAnalysisTaskHighlightInput	The input of the intelligent highlight generation task.
Output	AiAnalysisTaskHighlightOutput	The output of the intelligent highlight generation task. Note: This field may return null, indicating that no valid values can be obtained.

AiAnalysisTaskInput

AI video intelligent analysis input parameter types

Used by actions: CreateSchedule, CreateWorkflow, DescribeTaskDetail, DescribeWorkflows, ModifySchedule, ParseNotification, ProcessLiveStream, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Definition	Integer	Yes	Video content analysis template ID.
ExtendedParameter	String	No	An extended parameter, whose value is a stringfied JSON. Note: This parameter is for customers with special requirements. It needs to be customized offline. Note: This field may return null, indicating that no valid values can be obtained.

AiAnalysisTaskTagInput

Input type of intelligent tagging task

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	Intelligent video tagging template ID.

AiAnalysisTaskTagOutput

Result information of intelligent tagging

Used by actions: DescribeTaskDetail, ParseNotification.

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Name	Type	Description
TagSet	Array of MediaAiAnalysisTagItem	List of intelligently generated video tags.

AiAnalysisTaskTagResult

Result type of intelligent tagging task

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	AiAnalysisTaskTagInput	Input of intelligent tagging task.
Output	AiAnalysisTaskTagOutput	Output of intelligent tagging task.

AiContentReviewResult

Content audit result

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Type	String	Task type. Valid values: • Porn (in images) • Terrorism (in images) • Political (in images) • Porn.Asr • Porn.Ocr • Political.Asr

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		• Political.Ocr • Terrorism.Ocr • Prohibited.Asr • Prohibited.Ocr
SampleRate	Float	Sample rate, which indicates the number of video frames captured per second for audit
Duration	Float	Audited video duration in seconds.
PornTask	AiReviewTaskPornResult	Query result of an intelligent porn information detection in image task in video content audit, which is valid when task type is `Porn`. Note: This field may return null, indicating that no valid values can be obtained.
TerrorismTask	AiReviewTaskTerrorismResult	The result of detecting terrorism content in images, which is valid when the task type is `Terrorism`. Note: This field may return `null`, indicating that no valid values can be obtained.
PoliticalTask	AiReviewTaskPoliticalResult	The result of detecting politically sensitive information in images, which is valid when the task type is `Political`. Note: This field may return `null`, indicating that no valid values can be obtained.
PornAsrTask	AiReviewTaskPornAsrResult	Query result of an ASR-based porn information detection in text task in video content audit, which is valid when task type is `Porn.Asr`. Note: This field may return null, indicating that no valid values can be obtained.
PornOcrTask	AiReviewTaskPornOcrResult	Query result of an OCR-based porn information detection in text task in video content audit, which is valid when task type is `Porn.Ocr`. Note: This field may return null, indicating that no valid values can be obtained.
PoliticalAsrTask	AiReviewTaskPoliticalAsrResult	The result of detecting politically sensitive information based on ASR, which is valid when the task type is `Political.Asr`. Note: This field may return `null`, indicating that no valid values can be obtained.
PoliticalOcrTask	AiReviewTaskPoliticalOcrResult	The result of detecting politically sensitive

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		information based on OCR, which is valid when the task type is `Political.Ocr` . Note: This field may return `null` , indicating that no valid values can be obtained.
TerrorismOcrTask	AiReviewTaskTerrorismOcrResult	The result of detecting terrorism content based on OCR, which is valid when task type is `Terrorism.Ocr` . Note: This field may return `null` , indicating that no valid values can be obtained.
ProhibitedAsrTask	AiReviewTaskProhibitedAsrResult	Query result of ASR-based prohibited information detection in speech task in video content audit, which is valid if task type is `Prohibited.Asr` .
ProhibitedOcrTask	AiReviewTaskProhibitedOcrResult	Query result of OCR-based prohibited information detection in text task in video content audit, which is valid if task type is `Prohibited.Ocr` .

AiContentReviewTaskInput

Task type of intelligent content audit

Used by actions: CreateSchedule, CreateWorkflow, DescribeTaskDetail, DescribeWorkflows, ModifySchedule, ParseNotification, ProcessLiveStream, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Definition	Integer	Yes	Video content audit template ID.

AiQualityControlTaskInput

The parameters for a video quality control task.

Used by actions: DescribeTaskDetail, ParseNotification, ProcessLiveStream, ProcessMedia.

Name	Type	Required	Description
Definition	Integer	No	The ID of the quality control template. Note: This field may return null, indicating that no valid values can be obtained.

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ChannelExtPara	String	No	The channel extension parameter, which is a serialized JSON string. Note: This field may return null, indicating that no valid values can be obtained.

AiRecognitionResult

Intelligent recognition result.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Type	String	The task type. Valid values: • FaceRecognition: Face recognition • AsrWordsRecognition: Speech keyword recognition • OcrWordsRecognition: Text keyword recognition • AsrFullTextRecognition: Full speech recognition • OcrFullTextRecognition: Full text recognition • TransTextRecognition: Speech translation
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.
OcrWordsTask	AiRecognitionTaskOcrWordsResult	Text keyword recognition result, which is valid when `Type` is

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		`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.
TransTextTask	AiRecognitionTaskTransTextResult	The translation result. This parameter is valid only if `Type` is `TransTextRecognition`. Note: This field may return null, indicating that no valid values can be obtained.

AiRecognitionTaskAsrFullTextResult

Full speech recognition result.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	AiRecognitionTaskAsrFullTextResultInput	Input information of a full speech recognition task.
Output	AiRecognitionTaskAsrFullTextResultOutput	Output information of a full speech recognition task.

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		Note: This field may return null, indicating that no valid values can be obtained.

AiRecognitionTaskAsrFullTextResultInput

Input for full speech recognition.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	Full speech recognition template ID.

AiRecognitionTaskAsrFullTextResultOutput

Full speech recognition result.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
SegmentSet	Array of AiRecognitionTaskAsrFullTextSegmentItem	List of full speech recognition segments.
SubtitlePath	String	Subtitles file address.
OutputStorage	TaskOutputStorage	Subtitles file storage location.

AiRecognitionTaskAsrFullTextSegmentItem

Full speech recognition segment.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Confidence	Float	Confidence of a recognition segment. Value range: 0-100.
StartTimeOffset	Float	Start time offset of a recognition segment in seconds.
EndTimeOffset	Float	End time offset of a recognition segment in seconds.

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Text	String	Recognized text.

AiRecognitionTaskAsrWordsResult

Speech keyword recognition result.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	AiRecognitionTaskAsrWordsResultInput	Input information of a speech keyword recognition task.
Output	AiRecognitionTaskAsrWordsResultOutput	Output information of a speech keyword recognition task. Note: This field may return null, indicating that no valid values can be obtained.

AiRecognitionTaskAsrWordsResultInput

Input for speech keyword recognition.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	Speech keyword recognition template ID.

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AiRecognitionTaskAsrWordsResultItem

Speech keyword recognition result.

Used by actions: DescribeTaskDetail, ParseNotification.

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, ParseNotification.

Name	Type	Description
ResultSet	Array of AiRecognitionTaskAsrWordsResultItem	Speech keyword recognition result set.

AiRecognitionTaskAsrWordsSegmentItem

Speech recognition segment.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
StartTimeOffset	Float	Start time offset of a recognition segment in seconds.
EndTimeOffset	Float	End time offset of a recognition segment in seconds.
Confidence	Float	Confidence of a recognition segment. Value range: 0-100.

AiRecognitionTaskFaceResult

Face recognition result.

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Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	AiRecognitionTaskFaceResultInput	Input information of a face recognition task.
Output	AiRecognitionTaskFaceResultOutput	Output information of a face recognition task. Note: This field may return null, indicating that no valid values can be obtained.

AiRecognitionTaskFaceResultInput

Face recognition input.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	Face recognition template ID.

AiRecognitionTaskFaceResultItem

Face recognition result

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Id	String	Unique ID of a figure.

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Type	String	Figure library type, indicating to which figure library the recognized figure belongs: • Default: Default figure library; • UserDefine: Custom figure library.
Name	String	Name of a figure.
SegmentSet	Array of AiRecognitionTaskFaceSegmentItem	Result set of segments that contain a figure.
Gender	String	The person's gender. • Male • Female Note: This field may return null, indicating that no valid value can be obtained.
Birthday	String	The person's birth date. Note: This field may return null, indicating that no valid value can be obtained.
Profession	String	The person's job or job title. Note: This field may return null, indicating that no valid value can be obtained.
SchoolOfGraduation	String	The college the person graduated from. Note: This field may return null, indicating that no valid value can be obtained.
Abstract	String	The person's profile. Note: This field may return null, indicating that no valid value can be obtained.
PlaceOfBirth	String	The person's place of birth. Note: This field may return null, indicating that no valid value can be obtained.
PersonType	String	Whether the person is a politician or artist. • Politician • Artist Note: This field may return null, indicating that no valid value can be obtained.
Remark	String	Sensitivity • Normal • Sensitive

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		Note: This field may return null, indicating that no valid value can be obtained.
Url	String	The screenshot URL. Note: This field may return null, indicating that no valid value can be obtained.

AiRecognitionTaskFaceResultOutput

Output of intelligent face recognition.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
ResultSet	Array of AiRecognitionTaskFaceResultItem	Intelligent face recognition result set.

AiRecognitionTaskFaceSegmentItem

Face recognition result segment

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
StartTimeOffset	Float	Start time offset of a recognition segment in seconds.
EndTimeOffset	Float	End time offset of a recognition segment in seconds.
Confidence	Float	Confidence of a recognition segment. Value range: 0-100.
AreaCoordSet	Array of Integer	Zone coordinates of a 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.

AiRecognitionTaskInput

Input parameter type of video content recognition

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Used by actions: CreateSchedule, CreateWorkflow, DescribeTaskDetail, DescribeWorkflows, ModifySchedule, ParseNotification, ProcessLiveStream, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Definition	Integer	Yes	Intelligent video recognition template ID.

AiRecognitionTaskOcrFullTextResult

Full text recognition result.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	AiRecognitionTaskOcrFullTextResultInput	Input information of a full text recognition task.
Output	AiRecognitionTaskOcrFullTextResultOutput	Output information of a full text recognition task. Note: This field may return null, indicating that no valid values can be obtained.

AiRecognitionTaskOcrFullTextResultInput

Input for full text recognition.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description

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Definition	Integer	Full text recognition template ID.

AiRecognitionTaskOcrFullTextResultOutput

Output of full text recognition.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
SegmentSet	Array of AiRecognitionTaskOcrFullTextSegmentItem	Full text recognition result set.

AiRecognitionTaskOcrFullTextSegmentItem

Full text recognition segment.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
StartTimeOffset	Float	Start time offset of a recognition segment in seconds.
EndTimeOffset	Float	End time offset of a recognition segment in seconds.
TextSet	Array of AiRecognitionTaskOcrFullTextSegmentTextItem	Recognition segment result set.

AiRecognitionTaskOcrFullTextSegmentTextItem

Full text recognition segment.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Confidence	Float	Confidence of a recognition segment. Value range: 0-100.
AreaCoordSet	Array of	Zone coordinates of a recognition result. The array contains four elements: [x1,y1,x2,y2], i.e., the horizontal and vertical coordinates of the top-left and bottom-

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	Integer	right corners.
Text	String	Recognized text.

AiRecognitionTaskOcrWordsResult

Text keyword recognition result.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	AiRecognitionTaskOcrWordsResultInput	Input information of a text keyword recognition task.
Output	AiRecognitionTaskOcrWordsResultOutput	Output information of a text keyword recognition task. Note: This field may return null, indicating that no valid values can be obtained.

AiRecognitionTaskOcrWordsResultInput

Input for text keyword recognition.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	Text keyword recognition template ID.

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AiRecognitionTaskOcrWordsResultItem

Text keyword recognition result.

Used by actions: DescribeTaskDetail, ParseNotification.

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, ParseNotification.

Name	Type	Description
ResultSet	Array of AiRecognitionTaskOcrWordsResultItem	Text keyword recognition result set.

AiRecognitionTaskOcrWordsSegmentItem

Text recognition segment.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
StartTimeOffset	Float	Start time offset of a recognition segment in seconds.
EndTimeOffset	Float	End time offset of a recognition segment in seconds.
Confidence	Float	Confidence of a recognition segment. Value range: 0-100.
AreaCoordSet	Array of Integer	Zone coordinates of a 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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AiRecognitionTaskTransTextResult

The translation result.

Used by actions: DescribeTaskDetail, ParseNotification.

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; any other value indicates the task has failed. For details, see Error Codes.
ErrCode	Integer	The error code. `0` indicates the task is successful; other values indicate the task has failed. This parameter is not recommended. Please use `ErrCodeExt` instead.
Message	String	The error message.
Input	AiRecognitionTaskTransTextResultInput	The input of the translation task.
Output	AiRecognitionTaskTransTextResultOutput	The output of the translation task. Note: This field may return null, indicating that no valid values can be obtained.

AiRecognitionTaskTransTextResultInput

The translation input.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	The translation template ID.

AiRecognitionTaskTransTextResultOutput

The translation result.

Used by actions: DescribeTaskDetail, ParseNotification.

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Name	Type	Description
SegmentSet	Array of AiRecognitionTaskTransTextSegmentItem	The translated segments.
SubtitlePath	String	The subtitle URL.
OutputStorage	TaskOutputStorage	The subtitle storage location.

AiRecognitionTaskTransTextSegmentItem

The translated segments.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Confidence	Float	The confidence score for a segment. Value range: 0-100.
StartTimeOffset	Float	The start time offset (seconds) of a segment.
EndTimeOffset	Float	The end time offset (seconds) of a segment.
Text	String	The text transcript.
Trans	String	The translation.

AiReviewPoliticalAsrTaskInput

The input parameters for ASR-based detection of politically sensitive information.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	The template ID.

AiReviewPoliticalAsrTaskOutput

The information about the sensitive content detected based on ASR.

Used by actions: DescribeTaskDetail, ParseNotification.

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Name	Type	Description
Confidence	Float	The confidence score for the ASR-based detection of sensitive information. Value range: 0-100.
Suggestion	String	The suggestion for handling the sensitive information detected based on ASR. Valid values: • pass • review • block
SegmentSet	Array of MediaContentReviewAsrTextSegmentItem	The video segments that contain sensitive information detected based on ASR.

AiReviewPoliticalOcrTaskInput

The input parameters for OCR-based detection of politically sensitive information.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	The template ID.

AiReviewPoliticalOcrTaskOutput

The information about the sensitive content detected based on OCR.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Confidence	Float	The confidence score for the OCR-based detection of sensitive information. Value range: 0-100.
Suggestion	String	The suggestion for handling the sensitive information detected based on OCR. Valid values: • pass • review

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		• block
SegmentSet	Array of MediaContentReviewOcrTextSegmentItem	The video segments that contain sensitive information detected based on OCR.

AiReviewPoliticalTaskInput

The input parameters for the detection of politically sensitive information.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	The template ID.

AiReviewPoliticalTaskOutput

The sensitive information detected.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Confidence	Float	The confidence score for the detection of sensitive i range: 0-100.
Suggestion	String	The suggestion for handling the sensitive informatic values: • pass • review • block
Label	String	The labels for the detected sensitive content. The re between the values of this parameter and those of t parameter in PoliticalImgReviewTemplateInfo is as violation_photo: • violation_photo (banned icons) Other values (politician/entertainment/sport/entrepreneur/scholar • politician
SegmentSet	Array of	The video segments that contain sensitive informati

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	MediaContentReviewPoliticalSegmentItem	

AiReviewPornAsrTaskInput

Input parameter type of an ASR-based porn information detection in text task during content audit

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	ID of a porn information detection template.

AiReviewPornAsrTaskOutput

ASR-detected porn information in text

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Confidence	Float	Score of the ASR-detected porn information in text from 0 to 100.
Suggestion	String	Suggestion for the ASR-detected porn information in text. Valid values: • pass. • review. • block.
SegmentSet	Array of MediaContentReviewAsrTextSegmentItem	List of video segments that contain the ASR-detected porn information in text.

AiReviewPornOcrTaskInput

Input parameter type of an OCR-based porn information detection in text task during content audit

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	ID of a porn information detection template.

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AiReviewPornOcrTaskOutput

OCR-detected porn information in text

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Confidence	Float	Score of the OCR-detected porn information in text from 0 to 100.
Suggestion	String	Suggestion for the OCR-detected porn information in text. Valid values: • pass. • review. • block.
SegmentSet	Array of MediaContentReviewOcrTextSegmentItem	List of video segments that contain the OCR-detected porn information in text.

AiReviewPornTaskInput

Input parameter type of a porn information detection task during content audit

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Required	Description
Definition	Integer	Yes	The ID of a porn detection template. Note: This field may return·null, indicating that no valid values can be obtained.

AiReviewPornTaskOutput

Porn information detection result

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Confidence	Float	Score of the detected porn information in video from 0 to 100.

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Suggestion	String	Suggestion for the detected porn information. Valid values: • pass. • review. • block.
Label	String	Tag of the detected porn information in video. Valid values: • porn: Porn. • sexy: Sexiness. • vulgar: Vulgarity. • intimacy: Intimacy.
SegmentSet	Array of MediaContentReviewSegmentItem	List of video segments that contain the detected porn information.

AiReviewProhibitedAsrTaskInput

Input parameter type of ASR-based prohibited information detection in speech task in content audit

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	Prohibited information detection template ID.

AiReviewProhibitedAsrTaskOutput

ASR-detected prohibited information in speech

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Confidence	Float	Score of ASR-detected prohibited information in speech between 0 and 100.
Suggestion	String	Suggestion for ASR-detected prohibited information in speech. Valid values: • pass. • review. • block.

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SegmentSet	Array of MediaContentReviewAsrTextSegmentItem	List of video segments that contain the ASR-detected prohibited information in speech.

AiReviewProhibitedOcrTaskInput

Input parameter type of OCR-based prohibited information detection in text task in content audit

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	Prohibited information detection template ID.

AiReviewProhibitedOcrTaskOutput

OCR-detected prohibited information in text

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Confidence	Float	Score of OCR-detected prohibited information in text between 0 and 100.
Suggestion	String	Suggestion for OCR-detected prohibited information in text. Valid values: • pass. • review. • block.
SegmentSet	Array of MediaContentReviewOcrTextSegmentItem	List of video segments that contain the OCR-detected prohibited information in text.

AiReviewTaskPoliticalAsrResult

The result of ASR-based detection of politically sensitive information.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description

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Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	AiReviewPoliticalAsrTaskInput	The input parameter for ASR-based detection of politically sensitive information.
Output	AiReviewPoliticalAsrTaskOutput	The output of ASR-based detection of politically sensitive information. Note: This field may return `null`, indicating that no valid values can be obtained.

AiReviewTaskPoliticalOcrResult

The result of OCR-based detection of politically sensitive information.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message. Note: This field may return null, indicating that no valid values can be obtained.
Input	AiReviewPoliticalOcrTaskInput	The input parameter for OCR-based detection of politically

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		sensitive information.
Output	AiReviewPoliticalOcrTaskOutput	The output of OCR-based detection of politically sensitive information. Note: This field may return `null` , indicating that no valid values can be obtained.

AiReviewTaskPoliticalResult

The result of sensitive information detection.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	AiReviewPoliticalTaskInput	The input parameter for sensitive information detection.
Output	AiReviewPoliticalTaskOutput	The output of sensitive information detection. Note: This field may return `null` , indicating that no valid values can be obtained.

AiReviewTaskPornAsrResult

Result type of an ASR-based porn information detection in text task during content audit

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is

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		successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	AiReviewPornAsrTaskInput	Input for an ASR-based porn information detection in text task during content audit.
Output	AiReviewPornAsrTaskOutput	Output of an ASR-based porn information detection in text task during content audit. Note: This field may return null, indicating that no valid values can be obtained.

AiReviewTaskPornOcrResult

Result type of an OCR-based porn information detection in text task during content audit

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	AiReviewPornOcrTaskInput	Input for an OCR-based porn information detection in text task during content audit.
Output	AiReviewPornOcrTaskOutput	Output of an OCR-based porn information detection in text task during content audit. Note: This field may return null, indicating that no valid values can be obtained.

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AiReviewTaskPornResult

Result type of a porn information detection task during content audit

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message. Note: This field may return null, indicating that no valid values can be obtained.
Input	AiReviewPornTaskInput	Input for a porn information detection task during content audit.
Output	AiReviewPornTaskOutput	Output of a porn information detection task during content audit. Note: This field may return null, indicating that no valid values can be obtained.

AiReviewTaskProhibitedAsrResult

Result type of ASR-based prohibited information detection in speech task in content audit

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0: success; other values: failure. • 40000: invalid input parameter. Please check it;

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		• 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.
Input	AiReviewProhibitedAsrTaskInput	Input of ASR-based prohibited information detection in speech task in content audit
Output	AiReviewProhibitedAsrTaskOutput	Output of ASR-based prohibited information detection in speech task in content audit

AiReviewTaskProhibitedOcrResult

Result type of OCR-based prohibited information detection in text task in content audit

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
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.
Input	AiReviewProhibitedOcrTaskInput	Input of OCR-based prohibited information detection in text task in content audit
Output	AiReviewProhibitedOcrTaskOutput	Output of OCR-based prohibited information detection in text task in content audit

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AiReviewTaskTerrorismOcrResult

The result of OCR-based detection of terrorism content.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
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.
Input	AiReviewTerrorismOcrTaskInput	The input parameter for OCR-based detection of terrorism content.
Output	AiReviewTerrorismOcrTaskOutput	The output of OCR-based detection of terrorism content. Note: This field may return `null` , indicating that no valid values can be obtained.

AiReviewTaskTerrorismResult

The result of sensitive information detection.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.

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ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	AiReviewTerrorismTaskInput	The input parameter for sensitive information detection.
Output	AiReviewTerrorismTaskOutput	The output of sensitive information detection. Note: This field may return `null`, indicating that no valid values can be obtained.

AiReviewTerrorismOcrTaskInput

The input parameter for OCR-based detection of sensitive information.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	The template ID.

AiReviewTerrorismOcrTaskOutput

The information about the sensitive content detected based on OCR.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Confidence	Float	The confidence score for the OCR-based detection of sensitive information. Value range: 1-100.
Suggestion	String	The suggestion for handling the sensitive information detected based on OCR. Valid values: • pass • review • block
SegmentSet	Array of MediaContentReviewOcrTextSegmentItem	The video segments that contain sensitive information detected based on OCR.

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AiReviewTerrorismTaskInput

The input parameter for the detection of sensitive information.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	The template ID.

AiReviewTerrorismTaskOutput

The information about the sensitive content detected.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Confidence	Float	The confidence score for the detection of sensitive information. Value range: 0-100.
Suggestion	String	The suggestion for handling the sensitive information detected. Valid values: • pass • review • block
Label	String	The labels for the detected sensitive content. Valid values: • guns • crowd • police • bloody • banners (sensitive flags) • militant • explosion • terrorists • scenario (sensitive scenes)
SegmentSet	Array of MediaContentReviewSegmentItem	The video segments that contain sensitive information.

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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. This field is required when `Type` is `delete`.
FaceContents	Array of String	No	String set generated by Base64-encoding the face image. • This field is required when `Type` is `add` or `reset`; • Array length limit: 5 images. Note: The image must be a relatively clear full-face photo of a figure in at least 200 * 200 px.

AiSampleFailFaceInfo

AI-based sample management - face information failing to be processed.

Used by actions: CreatePersonSample, ModifyPersonSample.

Name	Type	Description

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Index	Integer	Corresponds to incorrect image subscripts in the `FaceContents` input parameter, starting from 0.
ErrCode	Integer	Error code. Valid values: • 0: Succeeded; • Other values: Failed.
Message	String	Error description.

AiSamplePerson

AI-based sample management - figure information.

Used by actions: CreatePersonSample, DescribePersonSamples, ModifyPersonSample.

Name	Type	Description
PersonId	String	Figure ID.
Name	String	Name of a figure.
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.
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.

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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

Type of an animated image generating task.

Used by actions: CreateSchedule, CreateWorkflow, DescribeTaskDetail, ModifySchedule, ParseNotification, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Definition	Integer	Yes	Animated image generating template ID.

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StartTimeOffset	Float	Yes	Start time of an animated image in a video in seconds.
EndTimeOffset	Float	Yes	End time of an animated image in a video in seconds.
OutputStorage	TaskOutputStorage	No	Target bucket of a generated animated image file. If thi parameter is left empty, the `OutputStorage` value the upper folder will be inherited. Note: This field may return null, indicating that no valid values can be obtained.
OutputObjectPath	String	No	Output path to a generated animated image file, which be a relative path or an absolute path. If this parameter left empty, the following relative path will be used by default: `{inputName}_animatedGraphic_{definitio` `{format}` .

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.

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		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.
Quality	Float	Image quality.
CreateTime	String	Creation time of a template in ISO date format.
UpdateTime	String	Last modified time of a template in ISO date format.

ArtifactRepairConfig

Artifact removal (smoothing) configuration.

Used by actions: CreateTranscodeTemplate, ModifyTranscodeTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable the feature. Valid values: • ON • OFF

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			Default value: ON.
Type	String	No	The strength. Valid values: • weak • strong Default value: weak. Note: This field may return null, indicating that no valid values can be obtained.

AsrFullTextConfigureInfo

Control parameter of a full speech recognition task.

Used by actions: CreateAIRecognitionTemplate, DescribeAIRecognitionTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of a full speech recognition task. Valid values: • ON: Enables an intelligent full speech recognition task; • OFF: Disables an intelligent full speech recognition task.
SubtitleFormat	String	No	Format of the generated subtitles file. If this parameter is left empty or an empty string is entered, no subtitles files will be generated. Valid value: • vtt: Generates a WebVTT subtitles file.

AsrFullTextConfigureInfoForUpdate

Control parameter of a full speech recognition task.

Used by actions: ModifyAIRecognitionTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of a full speech recognition task. Valid values: • ON: Enables an intelligent full speech recognition task; • OFF: Disables an intelligent full speech recognition task.
SubtitleFormat	String	No	Format of the generated subtitles file. If an empty string is entered, no subtitles files will be generated. Valid value: • vtt: Generates a WebVTT subtitles file.

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AsrWordsConfigureInfo

Speech keyword recognition control parameter.

Used by actions: CreateAIRecognitionTemplate, DescribeAIRecognitionTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of a speech keyword recognition task. Valid values: • ON: Enables a speech keyword recognition task; • OFF: Disables a 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

Speech keyword recognition control parameter.

Used by actions: ModifyAIRecognitionTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of a speech keyword recognition task. Valid values: • ON: Enables a speech keyword recognition task; • OFF: Disables a 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.

AudioBeautifyConfig

The audio improvement configuration.

Used by actions: CreateTranscodeTemplate, ModifyTranscodeTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable the feature. Valid values:

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			• `ON` • `OFF` Default value: `ON` .
Types	Array of String	No	The audio improvement options. You can specify multiple options. Valid values: • `declick` : Noise removal. • `deesser` : De-essing. Default: `declick` . Note: This field may return·null, indicating that no valid values can be obtained.

AudioDenoiseConfig

The noise reduction configuration.

Used by actions: CreateTranscodeTemplate, ModifyTranscodeTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable the feature. Valid values: • `ON` • `OFF` Default value: `ON` .

AudioEnhanceConfig

The audio enhancement configuration.

Used by actions: CreateTranscodeTemplate, ModifyTranscodeTemplate.

Name	Type	Required	Description
Denoise	AudioDenoiseConfig	No	The audio noise reduction configuration. Note: This field may return·null, indicating that no valid values can be obtained.
Separate	AudioSeparateConfig	No	The audio separation configuration. Note: This field may return·null, indicating that no

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			valid values can be obtained.
VolumeBalance	VolumeBalanceConfig	No	The volume equalization configuration. Note: This field may return·null, indicating that no valid values can be obtained.
Beautify	AudioBeautifyConfig	No	The audio improvement configuration. Note: This field may return·null, indicating that no valid values can be obtained.

AudioSeparateConfig

The audio separation configuration.

Used by actions: CreateTranscodeTemplate, ModifyTranscodeTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable the feature. Valid values: • `ON` • `OFF` Default value: `ON` .
Type	String	No	The scenario. Valid values: • `normal` : Separate voice and background audio. • `music` : Separate vocals and instrumentals. Default value: `normal` . Note: This field may return·null, indicating that no valid values can be obtained.
Track	String	No	The output audio track. Valid values: • `vocal` : Voice. • `background` : Output background audio if the scenario is `normal` , and output instrumentals if the scenario is `music` . Default value: `vocal` . Note: This field may return·null, indicating that no valid values can be obtained.

AudioTemplateInfo

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Audio stream configuration parameter

Used by actions: CreateAdaptiveDynamicStreamingTemplate, CreateTranscodeTemplate, CreateWorkflow, DescribeTranscodeTemplates, ModifyAdaptiveDynamicStreamingTemplate, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Codec	String	Yes	Audio stream codec. When the outer `Container` parameter is `mp3` , the valid value is: • libmp3lame. When the outer `Container` parameter is `ogg` or `flac` , the valid value is: • flac. When the outer `Container` parameter is `m4a` , the valid values include: • libfdk_aac; • libmp3lame; • ac3. When the outer `Container` parameter is `mp4` or `flv` , the valid values include: • libfdk_aac: more suitable for mp4; • libmp3lame: more suitable for flv. When the outer `Container` parameter is `hls` , the valid values include: • libfdk_aac; • libmp3lame.
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	Audio stream sample rate. Valid values: • 32,000 • 44,100 • 48,000 In Hz.
AudioChannel	Integer	No	Audio channel system. Valid values: • 1: Mono • 2: Dual

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			• 6: Stereo When the media is packaged in audio format (FLAC, OGG, MP3, M4A), the sound channel cannot be set to stereo. Default value: 2

AudioTemplateInfoForUpdate

Audio stream configuration parameter

Used by actions: CreateWorkflow, ModifyTranscodeTemplate, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Codec	String	No	Audio stream codec. When the outer `Container` parameter is `mp3` , the valid value is: • libmp3lame. When the outer `Container` parameter is `ogg` or `flac` , the valid value is: • flac. When the outer `Container` parameter is `m4a` , the valid values include: • libfdk_aac; • libmp3lame; • ac3. When the outer `Container` parameter is `mp4` or `flv` , the valid values include: • libfdk_aac: More suitable for mp4; • libmp3lame: More suitable for flv; • mp2. When the outer `Container` parameter is `hls` , the valid values include: • libfdk_aac; • libmp3lame.
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.

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SampleRate	Integer	No	Audio stream sample rate. Valid values: • 32,000 • 44,100 • 48,000 In Hz.
AudioChannel	Integer	No	Audio channel system. Valid values: • 1: Mono • 2: Dual • 6: Stereo When the media is packaged in audio format (FLAC, OGG, MP3, M4A), the sound channel cannot be set to stereo.
StreamSelects	Array of Integer	No	The audio tracks to retain. All audio tracks are retained by default.

AwsS3FileUploadTrigger

An AWS S3 file upload trigger.

Used by actions: CreateSchedule, CreateWorkflow, ModifySchedule, ResetWorkflow.

Name	Type	Required	Description
S3Bucket	String	Yes	The AWS S3 bucket bound to the scheme.
S3Region	String	Yes	The region of the AWS S3 bucket.
Dir	String	No	The bucket directory bound. It must be an absolute path that starts and ends with `/` , such as `/movie/201907/` . If you do not specify this, the root directory will be bound.
Formats	Array of String	No	The file formats that will trigger the scheme, such as ["mp4", "flv", "mov"]. If you do not specify this, the upload of files in any format will trigger the scheme.
S3SecretId	String	No	The key ID of the AWS S3 bucket. Note: This field may return null, indicating that no valid values can be obtained.
S3SecretKey	String	No	The key of the AWS S3 bucket. Note: This field may return null, indicating that no valid values can

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			be obtained.
AwsSQS	AwsSQS	No	The SQS queue of the AWS S3 bucket. Note: The queue must be in the same region as the bucket. Note: This field may return null, indicating that no valid values can be obtained.

AwsSQS

The information of an AWS SQS queue.

Used by actions: CreateSchedule, CreateWorkflow, DescribeTaskDetail, EditMedia, ModifySchedule, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
SQSRegion	String	Yes	The region of the SQS queue. Note: This field may return·null, indicating that no valid values can be obtained.
SQSQueueName	String	Yes	The name of the SQS queue. Note: This field may return·null, indicating that no valid values can be obtained.
S3SecretId	String	No	The key ID required to read from/write to the SQS queue. Note: This field may return·null, indicating that no valid values can be obtained.
S3SecretKey	String	No	The key required to read from/write to the SQS queue. Note: This field may return·null, indicating that no valid values can be obtained.

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.

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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.

ColorEnhanceConfig

Color enhancement configuration.

Used by actions: CreateTranscodeTemplate, ModifyTranscodeTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable the feature. Valid values: • ON • OFF Default value: ON.
Type	String	No	The strength. Valid values: • weak • normal • strong Default value: weak. Note: This field may return null, indicating that no valid values can be obtained.

ComposeAudioItem

The audio element information of a video editing/compositing task.

Used by actions: EditMedia.

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Name	Type	Required	Description
SourceMedia	ComposeSourceMedia	Yes	The media information of the element.
TrackTime	ComposeTrackTime	No	The time of the element in the timeline. If this is not specified, the element will follow the previous element.
AudioOperations	Array of ComposeAudioOperation	No	The operations performed, such as muting.

ComposeAudioOperation

The audio operations of a video editing/compositing task.

Used by actions: EditMedia.

Name	Type	Required	Description
Type	String	Yes	The operation type. Valid values: • `Volume` : Volume adjustment.
Volume	Float	No	The volume level. This parameter is valid if `Type` is `Volume` . Value range: 0–5. • If the parameter value is `0` , the video will be muted. • If the parameter value is smaller than 1, the volume will be reduced. • If the parameter value is `1` , the original volume will be kept. • If the parameter value is greater than 1, the volume will be increased.

ComposeAudioStream

The audio stream information of a video editing/compositing task.

Used by actions: EditMedia.

Name	Type	Required	Description
Codec	String	No	The codec of the audio stream. Valid values: • `AAC` : AAC (default), which is used for the MP4 container. • `MP3` : MP3 codec, which is used for the MP3 container.
SampleRate	Integer	No	The sample rate (Hz) of the audio stream. • 16000 (default)

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			• 32000 • 44100 • 48000
AudioChannel	Integer	No	The number of sound channels. Valid values: u200c • `1` : Mono. • `2` : Dual (default).

ComposeCanvas

The canvas information of a video editing/compositing task.

Used by actions: EditMedia.

Name	Type	Required	Description
Color	String	No	The RGB value of the background color. The format is #RRGGBB, such as `#F0F0F0` . Default value: `#000000` (black).
Width	Integer	No	The canvas width (px), which is the width of the output video. Value range: 0–3840. The default value is `0` , which means that the canvas is as wide as the first video.
Height	Integer	No	The canvas height (px), which is the height of the output video. Value range: 0–3840. The default value is `0` , which means that the canvas is as high as the first video.

ComposeEmptyItem

The placeholder element information of a video editing/compositing task.

Used by actions: EditMedia.

Name	Type	Required	Description
Duration	String	Yes	The element duration. • The value of this parameter ends with `s` , which means seconds. For example, `3.5s` indicates 3.5 seconds.

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ComposeImageItem

The image element information of a video editing/compositing task.

Used by actions: EditMedia.

Name	Type	Required	Description
SourceMedia	ComposeSourceMedia	Yes	The media information of the element.
TrackTime	ComposeTrackTime	No	The time of the element in the timeline. If this is not specified, the element will follow the previous element.
XPos	String	No	The horizontal distance of the element's center from the canvas origin. Two formats are supported: • If the value ends with %, it specifies the distance as a percentage of the canvas width. For example, `10%` means that the distance is 10% of the canvas width. u200c • If the value ends with px, it specifies the distance in pixels. For example, `100px` means that the distance is 100 pixels. Default value: `50%` .
YPos	String	No	The vertical distance of the element's center from the canvas origin. Two formats are supported: u200c • If the value ends with %, it specifies the distance as a percentage of the canvas height. For example, `10%` means that the distance is 10% of the canvas height. u200c • If the value ends with px, it specifies the distance in pixels. For example, `100px` means that the distance is 100 pixels. Default value: `50%` .
Width	String	No	The width of the video segment. Two formats

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			are supported: u200c • If the value ends with %, it specifies the width as a percentage of the canvas width. For example, `10%` means that the video width is 10% of the canvas width. u200c • If the value ends with px, it specifies the width in pixels. For example, `100px` means that the video width is 100 pixels. If one or both parameters are empty or set to `0`: • If both `Width` and `Height` are empty, the original width and height of the element will be kept. • If `Width` is empty and `Height` is not, the width will be auto scaled. • If `Width` is not empty and `Height` is, the height will be auto scaled.
Height	String	No	The height of the element. Two formats are supported: u200c • If the value ends with %, it specifies the height as a percentage of the canvas height. For example, `10%` means that the height is 10% of the canvas height. u200c • If the value ends with px, it specifies the height in pixels. For example, `100px` means that the height is 100 pixels. If one or both parameters are empty or set to `0`: • If both `Width` and `Height` are empty, the original width and height of the video will be kept. • If `Width` is empty and `Height` is not, the width will be auto scaled. • If `Width` is not empty and `Height` is, the height will be auto scaled.

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ImageOperations	Array of ComposeImageOperation	No	The image operations, such as image rotation.

ComposeImageOperation

The image operations of a video editing/compositing task.

Used by actions: EditMedia.

Name	Type	Required	Description
Type	String	Yes	The type. Valid values: u200c • `Rotate` : Image rotation. • `Flip` : Image flipping.
RotateAngle	Float	No	This is valid if `Type` is `Rotate` . The angle of rotation around the image center. Value range: 0–360.
FlipType	String	No	This is valid if `Type` is `Flip` . How to flip the image. Valid values:xa0 u200c • `Horizental` : Flip horizontally. • `Vertical` : Flip vertically.

ComposeMediaConfig

The information of a video editing/compositing task.

The figure below outlines the relationships among tracks, elements, and the timeline.

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Used by actions: EditMedia.

Name	Type	Required	Description
TargetInfo	ComposeTargetInfo	No	The information of the output video.
Canvas	ComposeCanvas	No	The canvas information of the output video.
Styles	Array of ComposeStyles	No	The global styles. This parameter is used together with `Tracks` to specify styles, such as the subtitle style.

Tracks	Array of ComposeMediaTrack	No	The information of media tracks (consisting of video, audio, image, and text elements) used to composite the video. About tracks and the timeline:
			• The timeline of a track is the same as the timeline of the output video.
			• The elements of different tracks are overlaid at the same time point in the timeline.
			  ◦ Video, image, and text elements are overlaid according to their track number, with the first track on top.
			  ◦ Audio elements are mixed.
			
			Note: The different elements of the same track cannot be overlaid (except subtitles).

ComposeMediaItem

The element information of a video editing/compositing task.

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Used by actions: EditMedia.

Name	Type	Required	Description
Type	String	Yes	The element type. Valid values: • `Video` • `Audio` • `Image` • `Transition` • `Subtitle` • `Empty`
Video	ComposeVideoItem	No	The information of the video element, which is valid if `Type` is `Video`.
Audio	ComposeAudioItem	No	The information of the audio element, which is valid if `Type` is `Audio`.
Image	ComposeImageItem	No	The information of the image element, which is valid if `Type` is `Image`.
Transition	ComposeTransitionItem	No	The information of the transition element, which is valid if `Type` is `Transition`.
Subtitle	ComposeSubtitleItem	No	The information of the subtitle element, which is valid if `Type` is `Subtitle`.
Empty	ComposeEmptyItem	No	The information of the empty element, which is valid if `Type` is `Empty`. An empty element is used as a placeholder in the timeline.

ComposeMediaTrack

The track information of a video editing/compositing task.

Used by actions: EditMedia.

Name	Type	Required	Description

Type	String	Yes	The track type. Valid values:
			• `Video`: Video track. A video track can consist of the following elements:
			  ◦ Video
			  ◦ Image

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			◦ Transition ◦ Empty • `Audio` : Audio track. An audio track can consist of the following elements: ◦ Audio ◦ Transition ◦ Empty • `Title` : Text track. A text track can consist of the following elements: ◦ Subtitle
Items	Array of ComposeMediaItem	Yes	The elements of a track.

ComposeSourceMedia

The material source of a video editing/compositing task.

Used by actions: EditMedia.

Name	Type	Required	Description
FileId	String	Yes	The material ID, which can be found in `FileInfos` .
StartTime	String	No	The start time of the material. The following two formats are supported. • If the value of this parameter ends with `s` , it specifies the time in seconds. For example, `3.5s` indicates the time when 3.5 seconds of the material elapses. u200c • If the value of this parameter ends with `%` , it specifies the time as a percentage of the material's duration. For example, `10%` indicates the time when 10% of the material's duration elapses. Default value: `0s` .
EndTime	String	No	The end time of the material. This parameter and `StartTime` determine which time segment of the material is used. The following two formats are supported: • If the value of this parameter ends with `s` , it specifies the time in seconds. For example, `3.5s` indicates the time when 3.5 seconds of the material elapses.

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			u200c • If the value of this parameter ends with `%` , it specifies the time as a percentage of the material's duration. For example, `10%` indicates the time when 10% of the material's duration elapses. If the track duration is set, the default value is `StartTime` plus the track duration. If not, the default value is `StartTime` plus 1 second. Note: `EndTime` must be at least 0.02 seconds later than `StartTime` .

ComposeStyles

The style information of a video editing/compositing task.

Used by actions: EditMedia.

Name	Type	Required	Description
Id	String	Yes	The style ID, which identifies an element style. Note: The style ID can be up to 32 characters long and can contain letters, digits, and special characters -_
Type	String	Yes	The type. Valid values: • `Subtitle` : The subtitle style.
Subtitle	ComposeSubtitleStyle	No	The subtitle style details. This parameter is valid if `Type` is `Subtitle` .

ComposeSubtitleItem

The subtitle element information of a video editing/compositing task.

Used by actions: EditMedia.

Name	Type	Required	Description
StyleId	String	Yes	The subtitle style ID, which corresponds to the `Id` field of `ComposeStyles` .
Text	String	Yes	The subtitle text.
TrackTime	ComposeTrackTime	No	The time of the element in the timeline. If this is not

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			specified, the element will follow the previous element.

ComposeSubtitleStyle

The subtitle style of a video editing/compositing task.

Used by actions: EditMedia.

Name	Type	Required	Description
Height	String	No	The subtitle height. Two formats are supported: u200c • If the value ends with %, it specifies the height as a percentage of the canvas height. For example, `10%` means that the height is 10% of the canvas height. u200c • If the value ends with px, it specifies the height in pixels. For example, `100px` means that the height is 100 pixels. The default value is the value of `FontSize` .
MarginBottom	String	No	The bottom margin. Two formats are supported: u200c • If the value ends with %, it specifies the margin as a percentage of the canvas height. For example, `10%` means that the margin is 10% of the canvas height. u200c • If the value ends with px, it specifies the margin in pixels. For example, `100px` means that the margin is 100 pixels. Default value: `0px` .
FontType	String	No	The font type. Valid values: • `SimHei` (default): Chinese font Heiti. • `SimSun` : Chinese font Songti.
FontSize	String	No	The font size. Two formats are supported: u200c • If the value ends with %, it specifies the size as a percentage of the canvas height. For example, `10%` means that the size is 10% of the canvas height.

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			u200c • If the value ends with px, it specifies the size in pixels. For example, `100px` means that the size is 100 pixels. Default value: `2%` .
FontBold	Integer	No	Whether to bold the text (some fonts may not support bold). Valid values: • `0` (default): No. • `1` : Yes.
FontItalic	Integer	No	Whether to italicize the text (some fonts may not support italics). Valid values: • `0` (default): No. • `1` : Yes.
FontColor	String	No	The font color (#RRGGBBAA). Default value: `0x000000FF` (black). Note: `AA` in the color notation defines the opacity of the color. It's optional.
FontAlign	String	No	The text alignment. Valid values: • `Center` (default) • `Left` • `Right`
FontAlignMargin	String	No	The margin for left/right align. • If `FontAlign` is `Left` , this parameter specifies the left margin of the subtitles. • If `FontAlign` is `Right` , this parameter specifies the right margin of the subtitles. Two formats are supported: u200c • If the value ends with %, it specifies the margin as a percentage of the canvas width. For example, `10%` means that the margin is 10% of the canvas width. u200c • If the value ends with px, it specifies the margin in pixels. For example, `100px` means that the margin is 100 pixels.
BorderWidth	String	No	The subtitle border width. Two formats are supported: u200c

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			• If the value ends with %, it specifies the width as a percentage of the canvas height. For example, `10%` means that the width is 10% of the canvas height. u200c • If the value ends with px, it specifies the width in pixels. For example, `100px` means that the width is 100 pixels. The default value is `0` , which means the subtitles will have no borders.
BorderColor	String	No	The border color, whose format is the same as that for `FontColor` . This parameter is valid if `BorderWidth` is not `0` .
BottomColor	String	No	The text background color, whose format is the same as that for `FontColor` . The default value is an empty string, which means the subtitles will not have a background color.

ComposeTargetInfo

The output video information of a video editing/compositing task.

Used by actions: EditMedia.

Name	Type	Required	Description
Container	String	No	The container. Valid values: • `mp4` (default), for video files. • `mp3` , for audio files.
RemoveVideo	Integer	No	Whether to remove video data. Valid values: • `0` (default): No. • `1` : Yes.
RemoveAudio	Integer	No	Whether to remove audio data. Valid values: • `0` (default): No. • `1` : Yes.
VideoStream	ComposeVideoStream	No	The information of the output video stream.
AudioStream	ComposeAudioStream	No	The information of the output audio stream.

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ComposeTrackTime

The time information of an element on the output video track of a video editing/compositing task.

Used by actions: EditMedia.

Name	Type	Required	Description
Start	String	No	The time when the element starts on the track. • The value of this parameter ends with `s`, which means seconds. For example, `3.5s` indicates the time when 3.5 seconds of the video elapses. Note: If this parameter is not specified, the start time will be the end time of the previous element. Therefore, you can also use the placeholder parameter `ComposeEmptyItem` to configure the start time.
Duration	String	No	The element duration. • The value of this parameter ends with `s`, which means seconds. For example, `3.5s` means 3.5 seconds. The default value is the material duration, which is determined by `EndTime` and `StartTime` of `ComposeSourceMedia`. If `ComposeSourceMedia` is not specified, the duration will be 1 second.

ComposeTransitionItem

The transition element information of a video editing/compositing task.

Used by actions: EditMedia.

Name	Type	Required	Description
Duration	String	No	The element duration. • The value of this parameter ends with `s`, which means seconds. For example, `3s` indicates 3 seconds. Default value: `1s`. Note • The number before `s` must be an integer. Non-integers will be rounded down to the nearest integer.

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			• The transition element must be between two non-empty elements. • The duration of the transition element must be shorter than that of the preceding element and the following element. u200c • The start time of the following element on the track will be automatically changed to the end time of the preceding element minus the duration of the transition element.
Transitions	Array of ComposeTransitionOperation	No	The transition effects. The default transition effect is fade. Note: You can add at most one image transition and one audio transition.

ComposeTransitionOperation

The transition information of a video editing/compositing task.

Used by actions: EditMedia.

Name	Type	Required	Description
Type	String	Yes	The transition type. The image transition, which connects two video segments. • `ImageFadeInFadeOut` u200c • `BowTieHorizontal` u200c • `BowTieVertical` u200c • `ButterflyWaveScrawler` • `Cannabisleaf` • `Circle` • `CircleCrop` u200c • `Circleopen`

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			• `Crosswarp` • `Cube` • `DoomScreenTransition` • `Doorway` • `Dreamy` • `DreamyZoom` • `FilmBurn` • `GlitchMemories` • `Heart` • `InvertedPageCurl` • `Luma` • `Mosaic` • `Pinwheel` • `PolarFunction` • `PolkaDotsCurtain` • `Radial` • `RotateScaleFade` • `Squeeze` • `Swap` • `Swirl` • `UndulatingBurnOutSwirl` • `Windowblinds` • `WipeDown` • `WipeLeft` • `WipeRight` • `WipeUp` • `ZoomInCircles` The audio transition, which connects two audio segments. • `AudioFadeInFadeOut`

ComposeVideoItem

The video element information of a video editing/compositing task.

Used by actions: EditMedia.

Name	Type	Required	Description
SourceMedia	ComposeSourceMedia	Yes	The media information of the element.
TrackTime	ComposeTrackTime	No	The time of the element in the timeline. If this is not specified, the element will follow the

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			previous element.
XPos	String	No	The horizontal distance of the element's center from the canvas origin. Two formats are supported: • If the value ends with %, it specifies the distance as a percentage of the canvas width. For example, `10%` means that the distance is 10% of the canvas width. u200c • If the value ends with px, it specifies the distance in pixels. For example, `100px` means that the distance is 100 pixels. Default value: `50%` .
YPos	String	No	The vertical distance of the element's center from the canvas origin. Two formats are supported: u200c • If the value ends with %, it specifies the distance as a percentage of the canvas height. For example, `10%` means that the distance is 10% of the canvas height. u200c • If the value ends with px, it specifies the distance in pixels. For example, `100px` means that the distance is 100 pixels. Default value: `50%` .
Width	String	No	The width of the video segment. Two formats are supported: u200c • If the value ends with %, it specifies the width as a percentage of the canvas width. For example, `10%` means that the video width is 10% of the canvas width. u200c • If the value ends with px, it specifies the width in pixels. For example, `100px` means that the video width is 100 pixels.

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			If one or both parameters are empty or set to `0`: • If both `Width` and `Height` are empty, the original width and height of the element will be kept. • If `Width` is empty and `Height` is not, the width will be auto scaled. • If `Width` is not empty and `Height` is, the height will be auto scaled.
Height	String	No	The height of the element. Two formats are supported: u200c • If the value ends with %, it specifies the height as a percentage of the canvas height. For example, `10%` means that the height is 10% of the canvas height. u200c • If the value ends with px, it specifies the height in pixels. For example, `100px` means that the height is 100 pixels. If one or both parameters are empty or set to `0`: • If both `Width` and `Height` are empty, the original width and height of the element will be kept. • If `Width` is empty and `Height` is not, the width will be auto scaled. • If `Width` is not empty and `Height` is, the height will be auto scaled.
ImageOperations	Array of ComposeImageOperation	No	The image operations, such as image rotation.
AudioOperations	Array of ComposeAudioOperation	No	The audio operations, such as muting.

ComposeVideoStream

The video stream information of a video edit/compositing task.

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Used by actions: EditMedia.

Name	Type	Required	Description
Codec	String	No	The codec. Valid values: • `H.264` (default)
Fps	Integer	No	The video frame rate (Hz). Value range: 0–60. The default value is `0` , which means that the frame rate will be the same as that of the first video.

ContentReviewTemplateItem

Details of a content audit template

Used by actions: DescribeContentReviewTemplates.

Name	Type	Description
Definition	Integer	Unique ID of a content audit template.
Name	String	Name of a content audit template. Length limit: 64 characters.
Comment	String	Description of a content audit template. Length limit: 256 characters.
PornConfigure	PornConfigureInfo	Porn information detection control parameter. Note: This field may return null, indicating that no valid values can be obtained.
TerrorismConfigure	TerrorismConfigureInfo	The parameters for detecting sensitive information. Note: This field may return `null` , indicating that no valid values can be obtained.
PoliticalConfigure	PoliticalConfigureInfo	The parameters for detecting sensitive information. Note: This field may return `null` , indicating that no valid values can be obtained.
ProhibitedConfigure	ProhibitedConfigureInfo	Control parameter of prohibited information detection. Prohibited information includes: • Abusive; • Drug-related. Note: this field may return null, indicating that no valid

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		values can be obtained.
UserDefineConfigure	UserDefineConfigureInfo	Custom content audit control parameter. Note: This field may return null, indicating that no valid values can be obtained.
CreateTime	String	Creation time of a template in ISO date format.
UpdateTime	String	Last modified time of a template in ISO date format.
Type	String	The template type. Valid values: * Preset * Custom Note: This field may return `null` , indicating that no valid values can be obtained.

CosFileUploadTrigger

Input rule bound to COS.

Used by actions: CreateSchedule, CreateWorkflow, ModifySchedule, ResetWorkflow.

Name	Type	Required	Description
Bucket	String	Yes	Name of the COS bucket bound to a workflow, such as `TopRankVideo-125xxx88` .
Region	String	Yes	Region of the COS bucket bound to a workflow, such as `ap-chongiqng` .
Dir	String	No	Input path directory bound to a workflow, such as `/movie/201907/` . If this parameter is left empty, the `/` root directory will be used.
Formats	Array of String	No	Format list of files that can trigger a workflow, such as ["mp4", "flv", "mov"]. If this parameter is left empty, files in all formats can trigger the workflow.

CosInputInfo

The information of the COS object to process.

Used by actions: DescribeMediaMetaData, EditMedia, ProcessMedia.

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Name	Type	Required	Description
Bucket	String	Yes	The COS bucket of the object to process, such as `TopRankVideo-125xxx88` .
Region	String	Yes	The region of the COS bucket, such as `ap-chongqing` .
Object	String	Yes	The path of the object to process, such as `/movie/201907/WildAnimal.mov` .

CosOutputStorage

The information of the output COS object after media processing.

Used by actions: CreateSchedule, CreateWorkflow, EditMedia, ModifySchedule, ProcessLiveStream, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Bucket	String	No	The bucket to which the output file of media processing is saved, such as `TopRankVideo-125xxx88` . If this parameter is left empty, the value of the upper layer will be inherited.
Region	String	No	The region of the output bucket, such as `ap-chongqing` . If this parameter is left empty, the value of the upper layer will be inherited.

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

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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.

DrmInfo

The DRM encryption details.

Used by actions: CreateWorkflow, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Type	String	Yes	The encryption type. • `simpleaes` : AES-128 encryption. Note: This field may return·null, indicating that no valid values can be obtained.
SimpleAesDrm	SimpleAesDrm	No	The AES-128 encryption details. Note: This field may return·null, indicating that no valid values can be obtained.

EditMediaFileInfo

VOD video file editing information

Used by actions: DescribeTaskDetail, EditMedia, ParseNotification.

Name	Type	Required	Description
InputInfo	MediaInputInfo	Yes	Video input information.
StartTimeOffset	Float	No	The start offset (seconds) for video clipping. This parameter is valid for video clipping tasks.
EndTimeOffset	Float	No	The end offset (seconds) for video clipping. This parameter is valid for video clipping tasks.

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Id	String	No	The ID of the material associated with an element. This parameter is required for video compositing tasks. Note: The ID can be up to 32 characters long and can contain letters, digits, and special characters -_ Note: This field may return·null, indicating that no valid values can be obtained.

EditMediaOutputConfig

Configuration for output files of video editing

Used by actions: EditMedia.

Name	Type	Required	Description
Container	String	No	The container. Valid values: `mp4` (default), `hls`, `mov`, `flv`, `avi`. Note: This field may return·null, indicating that no valid values can be obtained.
Type	String	No	The clip mode. Valid values: `normal` (default), `fast`. Note: This field may return·null, indicating that no valid values can be obtained.

EditMediaTask

Video editing task information

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
TaskId	String	Task ID.
Status	String	Task status. Valid values: • PROCESSING: processing; • FINISH: completed.
ErrCode	Integer	Error code • 0: success; • Other values: failure.

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Message	String	Error message.
Input	EditMediaTaskInput	Input of video editing task.
Output	EditMediaTaskOutput	Output of video editing task.

EditMediaTaskInput

Input of video editing task.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
FileInfoSet	Array of EditMediaFileInfo	Information of input video file.

EditMediaTaskOutput

Output of video editing task

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
OutputStorage	TaskOutputStorage	Target storage of edited file.
Path	String	Path of edited video file.

EnhanceConfig

Audio/Video enhancement configuration.

Used by actions: CreateTranscodeTemplate, DescribeTranscodeTemplates, ModifyTranscodeTemplate.

Name	Type	Required	Description
VideoEnhance	VideoEnhanceConfig	No	Video enhancement configuration. Note: This field may return null, indicating that no valid values can be obtained.
AudioEnhance	AudioEnhanceConfig	No	The audio enhancement configuration. Note: This field may return·null, indicating that no valid

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			values can be obtained.

FaceConfigureInfo

Control parameter of a face recognition task

Used by actions: CreateAIRecognitionTemplate, DescribeAIRecognitionTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of a face recognition task. Valid values: • ON: Enables an intelligent face recognition task; • OFF: Disables an 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	The default face filter labels, which specify the types of faces to return. If this parameter is left empty, the detection results for all labels are returned. Valid values: • entertainment (people in the entertainment industry) • sport (sports celebrities) • politician
UserDefineLibraryLabelSet	Array of String	No	Custom face tags for filter, which specify the face recognition results to return. If this parameter is not specified or left empty, the recognition results for all custom face tags are returned. Up to 100 tags are allowed, each containing no more than 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

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Control parameter of a face recognition task

Used by actions: ModifyAIRecognitionTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of a face recognition task. Valid values: • ON: Enables an intelligent face recognition task; • OFF: Disables an 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	The default face filter labels, which specify the types of faces to return. If this parameter is left empty, the detection results for all labels are returned. Valid values: • entertainment (people in the entertainment industry) • sport (sports celebrities) • politician
UserDefineLibraryLabelSet	Array of String	No	Custom face tags for filter, which specify the face recognition results to return. If this parameter is not specified or left empty, the recognition results for all custom face tags are returned. Up to 100 tags are allowed, each containing no more than 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.

FaceEnhanceConfig

Face enhancement configuration.

Used by actions: CreateTranscodeTemplate, ModifyTranscodeTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable the feature. Valid values: • ON • OFF

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			Default value: ON.
Intensity	Float	No	The strength. Value range: 0.0-1.0 Default value: 0.0. Note: This field may return null, indicating that no valid values can be obtained.

FrameRateConfig

Frame interpolation configuration.

Used by actions: CreateTranscodeTemplate, ModifyTranscodeTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable the feature. Valid values: • ON • OFF Default value: ON.
Fps	Integer	No	The frame rate (Hz). Value range: [0, 100]. Default value: 0. Note: For transcoding, this parameter will overwrite `Fps` of `VideoTemplate`. Note: This field may return null, indicating that no valid values can be obtained.

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.

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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.

HdrConfig

HDR configuration.

Used by actions: CreateTranscodeTemplate, ModifyTranscodeTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable the feature. Valid values: • ON • OFF Default value: ON.
Type	String	No	The strength. Valid values: • HDR10 • HLG Default value: HDR10. Note: The video codec must be `libx265` . Note: The bit depth for video encoding is 10 bits. Note: This field may return null, indicating that no valid values can be obtained.

HeadTailParameter

Opening and closing credits parameters

Used by actions: CreateWorkflow, ProcessMedia, ResetWorkflow.

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Name	Type	Required	Description
HeadSet	Array of MediaInputInfo	No	The opening segments. Note: This field may return·null, indicating that no valid values can be obtained.
TailSet	Array of MediaInputInfo	No	The closing segments. Note: This field may return·null, indicating that no valid values can be obtained.

HighlightSegmentItem

The information of a highlight segment.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Confidence	Float	The confidence score.
StartTimeOffset	Float	The start time offset of the segment.
EndTimeOffset	Float	The end time offset of the segment.

ImageQualityEnhanceConfig

Overall enhancement configuration.

Used by actions: CreateTranscodeTemplate, ModifyTranscodeTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable the feature. Valid values: • ON • OFF Default value: ON.
Type	String	No	The strength. Valid values: • weak • normal • strong

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			Default value: weak. Note: This field may return null, indicating that no valid values can be obtained.

ImageSpriteTaskInput

Input parameter type of an image sprite generating task

Used by actions: CreateSchedule, CreateWorkflow, DescribeTaskDetail, ModifySchedule, ParseNotification, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Definition	Integer	Yes	ID of an image sprite generating template.
OutputStorage	TaskOutputStorage	No	Target bucket of a generated image sprite. If this pa empty, the `OutputStorage` value of the upper inherited. Note: This field may return null, indicating that no va be obtained.
OutputObjectPath	String	No	Output path to a generated image sprite file, which relative path or an absolute path. If this parameter i the following relative path will be used by default: `{inputName}_imageSprite_{definition}` `{format}` .
WebVttObjectName	String	No	Output path to the WebVTT file after an image sprit generated, which can only be a relative path. If this left empty, the following relative path will be used by `{inputName}_imageSprite_{definition}` `{format}` .
ObjectNumberFormat	NumberFormat	No	Rule of the `{number}` variable in the image spri Note: This field may return null, indicating that no va be obtained.

ImageSpriteTemplate

Details of an image sprite generating template

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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	Subimage width of an image sprite.
Height	Integer	Subimage height of an image sprite.
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 a template in ISO date format.
UpdateTime	String	Last modified time of a 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.

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Format	String	The image format.

ImageWatermarkInput

Input parameter of an image watermarking template

Used by actions: CreateWatermarkTemplate.

Name	Type	Required	Description
ImageContent	String	Yes	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]. 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 pixels. For example, `100px` means that `Height` is 100 pixels. Value range: 0 or [8, 4096]. Default value: 0px, 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.

ImageWatermarkInputForUpdate

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Input parameter of an 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 pixels. For example, `100px` means that `Height` is 100 pixels. Value range: 0 or [8, 4096]. Default value: 0px, 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.

ImageWatermarkTemplate

Image watermarking template

Used by actions: DescribeWatermarkTemplates.

Name	Type	Description
ImageUrl	String	Watermark image address.

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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 pixels. For example, `100px` means that `Height` is 100 pixels. `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.

LiveActivityResItem

The output of a live scheme subtask.

Used by actions: DescribeTaskDetail.

Name	Type	Description
LiveRecordTask	LiveScheduleLiveRecordTaskResult	The output of a live recording task. Note: This field may return·null, indicating that no valid values can be obtained.

LiveActivityResult

The output of a live scheme subtask.

Used by actions: DescribeTaskDetail.

Name	Type	Description

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ActivityType	String	The task type. • `LiveRecord` : Live recording. Note: This field may return·null, indicating that no valid values can be obtained.
LiveActivityResItem	LiveActivityResItem	The task output. Note: This field may return·null, indicating that no valid values can be obtained.

LiveRecordFile

The information of a live recording file.

Used by actions: DescribeTaskDetail.

Name	Type	Description
Url	String	The URL of the recording file. Note: This field may return·null, indicating that no valid values can be obtained.
Size	Integer	The size of the recording file. Note: This field may return·null, indicating that no valid values can be obtained.
Duration	Integer	The duration of the recording file. Note: This field may return·null, indicating that no valid values can be obtained.
StartTime	String	The recording start time in ISO date format. Note: This field may return·null, indicating that no valid values can be obtained.
EndTime	String	The recording end time in ISO date format. Note: This field may return·null, indicating that no valid values can be obtained.

LiveRecordResult

The live recording result.

Used by actions: DescribeTaskDetail.

Name	Type	Description
OutputStorage	TaskOutputStorage	The storage of the recording file. Note: This field may return·null, indicating that no valid values can be

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		obtained.
FileList	Array of LiveRecordFile	The recording segments. Note: This field may return·null, indicating that no valid values can be obtained.

LiveRecordTaskInput

The input parameters of a live recording task.

Used by actions: DescribeTaskDetail.

Name	Type	Required	Description
Definition	Integer	Yes	The live recording template ID.
OutputStorage	TaskOutputStorage	No	The storage of the recording file. If this parameter is left empty, the `OutputStorage` value of the parent folder will be inherited. Note: This field may return·null, indicating that no valid values can be obtained.
OutputObjectPath	String	No	The output path of the recording file. Note: This field may return·null, indicating that no valid values can be obtained.

LiveScheduleLiveRecordTaskResult

The result of a live scheme's live recording task.

Used by actions: DescribeTaskDetail.

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; any other value indicates the task has failed. For details, see Error Codes. Note: This field may return·null, indicating that no valid values can be obtained.

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ErrCode	Integer	The error code. `0` indicates the task is successful; other values indicate the task has failed. This parameter is not recommended. Please use `ErrCodeExt` instead. Note: This field may return·null, indicating that no valid values can be obtained.
Message	String	The error message. Note: This field may return·null, indicating that no valid values can be obtained.
Input	LiveRecordTaskInput	The input of a live recording task. Note: This field may return·null, indicating that no valid values can be obtained.
Output	LiveRecordResult	The output of a live recording task. Note: This field may return·null, indicating that no valid values can be obtained.
BeginProcessTime	String	The time when the task was started, in ISO date format. Note: This field may return·null, indicating that no valid values can be obtained.
FinishTime	String	The time when the task was completed, in ISO date format. Note: This field may return·null, indicating that no valid values can be obtained.

LiveScheduleTask

The information of a live scheme subtask.

Used by actions: DescribeTaskDetail.

Name	Type	Description
TaskId	String	The ID of a live scheme subtask. Note: This field may return·null, indicating that no valid values can be obtained.
Status	String	The task status. Valid values: • `PROCESSING` • `FINISH` Note: This field may return·null, indicating that no valid values can be obtained.

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ErrCode	Integer	If the value returned is not `0`, there was a source error. If `0` is returned, refer to the error codes of the corresponding task type. Note: This field may return·null, indicating that no valid values can be obtained.
Message	String	If there was a source error, this parameter is the error message. For other errors, refer to the error messages of the corresponding task type. Note: This field may return·null, indicating that no valid values can be obtained.
Url	String	The URL of the live stream. Note: This field may return·null, indicating that no valid values can be obtained.
LiveActivityResultSet	Array of LiveActivityResult	The task output. Note: This field may return·null, indicating that no valid values can be obtained.

LiveStreamAiRecognitionResultInfo

Live stream AI recognition results

Used by actions: ParseLiveStreamProcessNotification.

Name	Type	Description
ResultSet	Array of LiveStreamAiRecognitionResultItem	Content recognition result list.

LiveStreamAiRecognitionResultItem

AI-based live stream recognition result

Used by actions: ParseLiveStreamProcessNotification.

Name	Type	Description
Type	String	The result type. Valid values: • FaceRecognition: Face recognition • AsrWordsRecognition: Spee keyword recognition

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		• OcrWordsRecognition: Text keyword recognition • AsrFullTextRecognition: Full speech recognition • OcrFullTextRecognition: Ful text recognition • TransTextRecognition: Speech translation
FaceRecognitionResultSet	Array of LiveStreamFaceRecognitionResult	Face recognition result, which i valid when `Type` is `FaceRecognition`.
AsrWordsRecognitionResultSet	Array of LiveStreamAsrWordsRecognitionResult	Speech keyword recognition result, which is valid when `Type` is `AsrWordsRecognition`.
OcrWordsRecognitionResultSet	Array of LiveStreamOcrWordsRecognitionResult	Text keyword recognition result which is valid when `Type` is `OcrWordsRecognition`.
AsrFullTextRecognitionResultSet	Array of LiveStreamAsrFullTextRecognitionResult	Full speech recognition result, which is valid when `Type` is `AsrFullTextRecognitio`
OcrFullTextRecognitionResultSet	Array of LiveStreamOcrFullTextRecognitionResult	Full text recognition result, whic is valid when `Type` is `OcrFullTextRecognitio`
TransTextRecognitionResultSet	Array of LiveStreamTransTextRecognitionResult	The translation result. This parameter is valid only if `Type` is `TransTextRecognition`

LiveStreamAiReviewImagePoliticalResult

The result of detecting sensitive information in live streaming videos.

Used by actions: ParseLiveStreamProcessNotification.

Name	Type	Description
StartPtsTime	Float	Start PTS time of a suspected segment in seconds.
EndPtsTime	Float	End PTS time of a suspected segment in seconds.

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Confidence	Float	The confidence score for the detected sensitive segments.
Suggestion	String	Suggestion for porn information detection of a suspected segment. Valid values: • pass • review • block
Label	String	The labels for the detected sensitive information. Valid values: • politician • violation_photo (banned icons)
Name	String	The name of a sensitive person or banned icon.
AreaCoordSet	Array of Integer	The pixel coordinates of the detected sensitive people or banned icons. The format is [x1, y1, x2, y2], which indicates the coordinates of the top-left and bottom-right corners.
Url	String	URL of a suspected image (which will not be permanently stored and will be deleted after `PicUrlExpireTime`).
PicUrlExpireTime	String	Expiration time of a suspected image URL in ISO date format.

LiveStreamAiReviewImagePornResult

Result of porn information detection in image in AI-based live stream content audit

Used by actions: ParseLiveStreamProcessNotification.

Name	Type	Description
StartPtsTime	Float	Start PTS time of a suspected segment in seconds.
EndPtsTime	Float	End PTS time of a suspected segment in seconds.
Confidence	Float	Score of a suspected porn segment.
Suggestion	String	Suggestion for porn information detection of a suspected segment. Valid values: • pass • review • block
Label	String	Tag of the detected porn information in video. Valid values: • porn: Porn. • sexy: Sexiness.

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		• vulgar: Vulgarity. • intimacy: Intimacy.
Url	String	URL of a suspected image (which will not be permanently stored and will be deleted after `PicUrlExpireTime`).
PicUrlExpireTime	String	Expiration time of a suspected image URL in ISO date format.

LiveStreamAiReviewImageTerrorismResult

The result of detecting sensitive information in live streaming videos.

Used by actions: ParseLiveStreamProcessNotification.

Name	Type	Description
StartPtsTime	Float	Start PTS time of a suspected segment in seconds.
EndPtsTime	Float	End PTS time of a suspected segment in seconds.
Confidence	Float	The confidence score for the detected sensitive segments.
Suggestion	String	The suggestion for handling the sensitive segments. Valid values: • pass • review • block
Label	String	The labels for the detected sensitive content. Valid values: • guns • crowd • police • bloody • banners (sensitive flags) • militant • explosion • terrorists
Url	String	URL of a suspected image (which will not be permanently stored and will be deleted after `PicUrlExpireTime`).
PicUrlExpireTime	String	Expiration time of a suspected image URL in ISO date format.

LiveStreamAiReviewResultInfo

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Result of AI-based live stream audit

Used by actions: ParseLiveStreamProcessNotification.

Name	Type	Description
ResultSet	Array of LiveStreamAiReviewResultItem	List of content audit results.

LiveStreamAiReviewResultItem

Result of AI-based live stream audit

Used by actions: ParseLiveStreamProcessNotification.

Name	Type	Description
Type	String	The type of moderation result. Valid values: • ImagePorn • ImageTerrorism • ImagePolitical • VoicePorn
ImagePornResultSet	Array of LiveStreamAiReviewImagePornResult	Result of porn information detection in image, which is valid when `Type` is `ImagePorn`.
ImageTerrorismResultSet	Array of LiveStreamAiReviewImageTerrorismResult	The result of detecting sensitive information in images, which is valid if `Type` is `ImageTerrorism`.
ImagePoliticalResultSet	Array of LiveStreamAiReviewImagePoliticalResult	The result of detecting sensitive information in images, which is valid if `Type` is `ImagePolitical`.
VoicePornResultSet	Array of LiveStreamAiReviewVoicePornResult	The result for moderation of pornographic content in audio. This parameter is valid if `Type` is `VoicePorn`.

LiveStreamAiReviewVoicePornResult

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Result of porn information detection in speech in AI-based live stream content audit

Used by actions: ParseLiveStreamProcessNotification.

Name	Type	Description
StartPtsTime	Float	Start PTS time of a suspected segment in seconds.
EndPtsTime	Float	End PTS time of a suspected segment in seconds.
Confidence	Float	Score of a suspected porn segment.
Suggestion	String	Suggestion for porn information detection of a suspected segment. Valid values: • pass • review • block
Label	String	Tag of the detected porn information in video. Valid values: • sexual_moan: Sexual moans.

LiveStreamAsrFullTextRecognitionResult

ASR-based full live stream recognition

Used by actions: ParseLiveStreamProcessNotification.

Name	Type	Description
Text	String	Recognized text.
StartPtsTime	Float	Start PTS time of recognized segment in seconds.
EndPtsTime	Float	End PTS time of recognized segment in seconds.
Confidence	Float	Confidence of recognized segment. Value range: 0–100.

LiveStreamAsrWordsRecognitionResult

AI-based ASR-based live streaming keyword recognition result

Used by actions: ParseLiveStreamProcessNotification.

Name	Type	Description

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Word	String	Speech keyword.
StartPtsTime	Float	Start PTS time of recognized segment in seconds.
EndPtsTime	Float	End PTS time of recognized segment in seconds.
Confidence	Float	Confidence of recognized segment. Value range: 0–100.

LiveStreamFaceRecognitionResult

AI-based live streaming face recognition result

Used by actions: ParseLiveStreamProcessNotification.

Name	Type	Description
Id	String	Unique ID of figure.
Name	String	Figure name.
Type	String	Figure library type, indicating to which figure library the recognized figure belongs: • Default: default figure library • UserDefine: custom figure library
StartPtsTime	Float	Start PTS time of recognized segment in seconds.
EndPtsTime	Float	End PTS time of recognized 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.

LiveStreamOcrFullTextRecognitionResult

OCR-based full live stream recognition

Used by actions: ParseLiveStreamProcessNotification.

Name	Type	Description
Text	String	Speech text.

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StartPtsTime	Float	Start PTS time of recognized segment in seconds.
EndPtsTime	Float	End PTS time of recognized 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.

LiveStreamOcrWordsRecognitionResult

AI-based OCR-based live streaming keyword recognition result

Used by actions: ParseLiveStreamProcessNotification.

Name	Type	Description
Word	String	Text keyword.
StartPtsTime	Float	Start PTS time of recognized segment in seconds.
EndPtsTime	Float	End PTS time of recognized segment in seconds.
Confidence	Float	Confidence of recognized segment. Value range: 0–100.
AreaCoords	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.

LiveStreamProcessErrorInfo

Information of a live stream processing error

Used by actions: ParseLiveStreamProcessNotification.

Name	Type	Description
ErrCode	Integer	Error code: • 0: No error; • If this parameter is not 0, an error has occurred. Please see the error message (`Message`).
Message	String	Error message.

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LiveStreamProcessTask

Information of a live stream processing task

Used by actions: DescribeTaskDetail.

Name	Type	Description
TaskId	String	The media processing task ID.
Status	String	Task flow status. Valid values: • PROCESSING: Processing; • FINISH: Completed.
ErrCode	Integer	Error code. 0: success; other values: failure.
Message	String	Error message.
Url	String	Live stream URL.

LiveStreamTaskNotifyConfig

Event notification configuration of a task.

Used by actions: ProcessLiveStream.

Name	Type	Required	Description
CmqModel	String	No	CMQ model. There are two types: `Queue` and `Topic` . Currently, only `Queue` is supported.
CmqRegion	String	No	CMQ region, such as `sh` and `bj` .
QueueName	String	No	This parameter is valid when the model is `Queue` , indicating the name of the CMQ queue for receiving event notifications.
TopicName	String	No	This parameter is valid when the model is `Topic` , indicating the name of the CMQ topic for receiving event notifications.
NotifyType	String	No	The notification type, `CMQ` by default. If this parameter is set to `URL` , HTTP callbacks are sent to the URL specified by `NotifyUrl` .

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			Note: If you do not pass this parameter or pass in an empty string, `CMQ` will be used. To use a different notification type, specify this parameter accordingly.
NotifyUrl	String	No	HTTP callback URL, required if `NotifyType` is set to `URL`

LiveStreamTransTextRecognitionResult

The live stream translation result.

Used by actions: ParseLiveStreamProcessNotification.

Name	Type	Description
Text	String	The text transcript.
StartPtsTime	Float	The PTS (seconds) of the start of a segment.
EndPtsTime	Float	The PTS (seconds) of the end of a segment.
Confidence	Float	The confidence score for a segment. Value range: 0-100.
Trans	String	The translation.

LowLightEnhanceConfig

Low-light enhancement configuration.

Used by actions: CreateTranscodeTemplate, ModifyTranscodeTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable the feature. Valid values: • ON • OFF Default value: ON.
Type	String	No	The strength. Valid values: • normal Default value: normal.

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			Note: This field may return null, indicating that no valid values can be obtained.

MediaAiAnalysisClassificationItem

Intelligent categorization result

Used by actions: DescribeTaskDetail, ParseNotification.

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, ParseNotification.

Name	Type	Description
CoverPath	String	Storage path 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, ParseNotification.

Name	Type	Description
Tag	String	Frame-specific tag name.
CategorySet	Array of String	
Confidence	Float	Confidence of intelligently generated frame-specific tag between 0 and 100.

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MediaAiAnalysisFrameTagSegmentItem

List of frame-specific tag segments

Used by actions: DescribeTaskDetail, ParseNotification.

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

The information of intelligently generated highlight segments.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
HighlightPath	String	The URL of the highlight segments.
CovImgPath	String	The URL of the thumbnail.
Confidence	Float	The confidence score. Value range: 0-100.
Duration	Float	The duration of the highlights.
SegmentSet	Array of HighlightSegmentItem	A list of the highlight segments.

MediaAiAnalysisTagItem

Result information of intelligent tagging

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Tag	String	Tag name.
Confidence	Float	Confidence of tag between 0 and 100.

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MediaAnimatedGraphicsItem

Result information of an animated image generating task

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Storage	TaskOutputStorage	Storage location of a generated animated image file.
Path	String	Path to a generated animated image file.
Definition	Integer	ID of an animated image generating template. For more information, please see Animated Image Generating Parameter Template.
Container	String	Animated image format, such as gif.
Height	Integer	Height of an animated image in px.
Width	Integer	Width of an animated image in px.
Bitrate	Integer	Bitrate of an animated image in bps.
Size	Integer	Size of an animated image in bytes.
Md5	String	MD5 value of an animated image.
StartTimeOffset	Float	Start time offset of an animated image in the video in seconds.
EndTimeOffset	Float	End time offset of an animated image in the video in seconds.

MediaAudioStreamItem

Information of the audio stream in a VOD file

Used by actions: DescribeMediaMetaData, DescribeTaskDetail, ParseNotification.

Name	Type	Description
Bitrate	Integer	Bitrate of an audio stream in bps. Note: This field may return null, indicating that no valid values can be obtained.
SamplingRate	Integer	Sample rate of an audio stream in Hz. Note: This field may return null, indicating that no valid values can be obtained.
Codec	String	Audio stream codec, such as aac.

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		Note: This field may return null, indicating that no valid values can be obtained.
Channel	Integer	Number of sound channels, e.g., 2 Note: this field may return `null` , indicating that no valid value was found.

MediaContentReviewAsrTextSegmentItem

Suspected segment identified during ASR-based text audit during content audit

Used by actions: DescribeTaskDetail, ParseNotification.

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 of a suspected segment.
Suggestion	String	Suggestion for suspected segment audit. Valid values: • pass. • review. • block.
KeywordSet	Array of String	List of suspected keywords.

MediaContentReviewOcrTextSegmentItem

Suspected segment identified during OCR-based text audit during content audit

Used by actions: DescribeTaskDetail, ParseNotification.

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 of a suspected segment.
Suggestion	String	Suggestion for suspected segment audit. Valid values: • pass. • review. • block.

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KeywordSet	Array of String	List of suspected keywords.
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.
Url	String	URL of a suspected image (which will not be permanently stored and will be deleted after `PicUrlExpireTime`).
PicUrlExpireTime	String	Expiration time of a suspected image URL in ISO date format.

MediaContentReviewPoliticalSegmentItem

The information about the sensitive segments detected.

Used by actions: DescribeTaskDetail, ParseNotification.

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	The confidence score for the detected sensitive segments.
Suggestion	String	The suggestion for handling the sensitive segments. Valid values: • pass • review • block
Name	String	The name of a sensitive person or banned icon.
Label	String	The labels for the detected sensitive segments. The relationship between the values of this parameter and those of the `LabelSet` parameter in PoliticalImgReviewTemplateInfo is as follows: violation_photo: • violation_photo (banned icons) politician: • nation_politician (state leader) • province_politician (provincial officials) • bureau_politician (bureau-level officials) • county_politician (county-level officials) • rural_politician (township-level officials) • sensitive_politician (sensitive people)

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		• foreign_politician (state leaders of other countries) entertainment: • sensitive_entertainment (sensitive people in the entertainment industry sport: • sensitive_sport (sensitive sports celebrities) entrepreneur: • sensitive_entrepreneur scholar: • sensitive_scholar celebrity: • sensitive_celebrity • historical_celebrity (sensitive historical figures) military: • sensitive_military (sensitive 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	The pixel coordinates of the detected sensitive people or banned icons. The format is [x1, y1, x2, y2], which indicates the coordinates of the top-left and bottom-right corners.
PicUrlExpireTime	String	Expiration time of a suspected image URL in ISO date format.

MediaContentReviewSegmentItem

The information about the detected pornographic/sensitive segments.

Used by actions: DescribeTaskDetail, ParseNotification.

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	Score of a suspected porn segment.
Label	String	Tag of porn information detection result of a suspected segment.

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Suggestion	String	Suggestion for porn information detection of a suspected segment. Valid values: • pass. • review. • block.
Url	String	URL of a suspected image (which will not be permanently stored and will be deleted after `PicUrlExpireTime`).
PicUrlExpireTime	String	Expiration time of a suspected image URL in ISO date format.

MediaImageSpriteItem

Image sprite information

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	Image sprite specification. For more information, please see Image Sprite Parameter Template.
Height	Integer	Subimage height of an image sprite.
Width	Integer	Subimage width of an image sprite.
TotalCount	Integer	Total number of subimages in each image sprite.
ImagePathSet	Array of String	Path to each image sprite.
WebVttPath	String	Path to a WebVtt file for the position-time relationship among subimages in an 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.
Storage	TaskOutputStorage	Storage location of an image sprite file.

MediaInputInfo

The information of the object to process.

Used by actions: CreateWorkflow, DescribeMediaMetaData, DescribeTaskDetail, EditMedia, ParseNotification, ProcessMedia, ResetWorkflow.

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Name	Type	Required	Description
Type	String	Yes	The input type. Valid values: • `COS` : A COS bucket address. • `URL` : A URL. • `AWS-S3` : An AWS S3 bucket address. Currently, this type is only supported for transcoding tasks.
CosInputInfo	CosInputInfo	No	The information of the COS object to process. This parameter is valid and required when `Type` is `COS` .
UrlInputInfo	UrlInputInfo	No	The URL of the object to process. This parameter is valid and required when `Type` is `URL` . Note: This field may return null, indicating that no valid value can be obtained.
S3InputInfo	S3InputInfo	No	The information of the AWS S3 object processed. This parameter is required if `Type` is `AWS-S3` . Note: This field may return null, indicating that no valid value can be obtained.

MediaMetaData

Metadata of a VOD media file

Used by actions: DescribeMediaMetaData, DescribeTaskDetail, ParseNotification.

Name	Type	Description
Size	Integer	Size of an 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.

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		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.
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.

MediaProcessTaskAdaptiveDynamicStreamingResult

Result type of adaptive bitrate streaming task

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.

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ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	AdaptiveDynamicStreamingTaskInput	Input of an adaptive bitrate streaming task.
Output	AdaptiveDynamicStreamingInfoItem	Output of an adaptive bitrate streaming task. Note: this field may return null, indicating that no valid values can be obtained.

MediaProcessTaskAnimatedGraphicResult

Result type of an animated image generating task

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	AnimatedGraphicTaskInput	Input for an animated image generating task.
Output	MediaAnimatedGraphicsItem	Output of an animated image generating task. Note: This field may return null, indicating that no valid values can be obtained.

MediaProcessTaskImageSpriteResult

Result type of an image sprite generating task

Used by actions: DescribeTaskDetail, ParseNotification.

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Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	ImageSpriteTaskInput	Input for an image sprite generating task.
Output	MediaImageSpriteItem	Output of an image sprite generating task. Note: This field may return null, indicating that no valid values can be obtained.

MediaProcessTaskInput

The type of media processing task.

Used by actions: CreateWorkflow, DescribeWorkflows, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
TranscodeTaskSet	Array of TranscodeTaskInput	No	List of transcoding tasks.
AnimatedGraphicTaskSet	Array of AnimatedGraphicTaskInput	No	List of animated image generating tasks.
SnapshotByTimeOffsetTaskSet	Array of SnapshotByTimeOffsetTaskInput	No	List of time point screencapturing tasks.
SampleSnapshotTaskSet	Array of SampleSnapshotTaskInput	No	List of sampled screencapturing tasks.

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ImageSpriteTaskSet	Array of ImageSpriteTaskInput	No	List of image sprite generating tasks.
AdaptiveDynamicStreamingTaskSet	Array of AdaptiveDynamicStreamingTaskInput	No	List of adaptive bitrate streaming tasks.

MediaProcessTaskResult

Query result type of a task

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Type	String	Task type. Valid val • Transcode: Trar • AnimatedGraphi image generating • SnapshotByTim point screencapturi • SampleSnapsho screencapturing • ImageSprites: In generating • CoverBySnapsh Screencapturing fo • AdaptiveDynami Adaptive bitrate str
TranscodeTask	MediaProcessTaskTranscodeResult	Query result of a tra which is valid when `Transcode` . Note: This field may indicating that no va obtained.
AnimatedGraphicTask	MediaProcessTaskAnimatedGraphicResult	Query result of an a generating task, wh task type is `AnimatedGraph`

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		Note: This field may indicating that no va obtained.
SnapshotByTimeOffsetTask	MediaProcessTaskSnapshotByTimeOffsetResult	Query result of a tim screencapturing tas when task type is `SnapshotByTim` Note: This field may indicating that no va obtained.
SampleSnapshotTask	MediaProcessTaskSampleSnapshotResult	Query result of a sa screencapturing tas when task type is `SampleSnapsho` Note: This field may indicating that no va obtained.
ImageSpriteTask	MediaProcessTaskImageSpriteResult	Query result of an ir generating task, wh task type is `Image` Note: This field may indicating that no va obtained.
AdaptiveDynamicStreamingTask	MediaProcessTaskAdaptiveDynamicStreamingResult	Query result of an a streaming task, whi task type is `AdaptiveDynam` Note: this field may indicating that no va obtained.

MediaProcessTaskSampleSnapshotResult

Result type of a sampled screencapturing task

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.

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ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message. Note: This field may return null, indicating that no valid values can be obtained.
Input	SampleSnapshotTaskInput	Input for a sampled screencapturing task.
Output	MediaSampleSnapshotItem	Output of a sampled screencapturing task. Note: This field may return null, indicating that no valid values can be obtained.

MediaProcessTaskSnapshotByTimeOffsetResult

Result type of a time point screencapturing task

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	SnapshotByTimeOffsetTaskInput	Input for a time point screencapturing task.
Output	MediaSnapshotByTimeOffsetItem	Output of a time point screencapturing task. Note: This field may return null, indicating that no valid values can be obtained.

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MediaProcessTaskTranscodeResult

Result type of a transcoding task

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Status	String	Task status. Valid values: PROCESSING, SUCCESS, FAIL.
ErrCodeExt	String	The error code. An empty string indicates the task is successful; any other value returned indicates the task failed. For details, see Error Codes.
ErrCode	Integer	Error code. 0 indicates the task is successful; otherwise it is failed. This parameter is no longer recommended. Consider using the new error code parameter ErrCodeExt.
Message	String	Error message.
Input	TranscodeTaskInput	Input for a transcoding task.
Output	MediaTranscodeItem	Output of a transcoding task. Note: This field may return null, indicating that no valid values can be obtained.
Progress	Integer	Transcoding progress. Value range: 0-100 Note: This field may return `null` , indicating that no valid value was found.

MediaSampleSnapshotItem

Information of a sampled screenshot

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	Sampled screenshot specification ID. For more information, please see Sampled Screencapturing Parameter Template.
SampleType	String	Sample type. Valid values: • Percent: Samples at the specified percentage interval. • Time: Samples at the specified time interval.

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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.
Storage	TaskOutputStorage	Storage location of a generated screenshot file.
ImagePathSet	Array of String	List of paths to generated screenshots.
WaterMarkDefinition	Array of Integer	List of watermarking template IDs if the screenshots are watermarked.

MediaSnapshotByTimeOffsetItem

Information of the time point screenshots in a VOD file

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Definition	Integer	Specification of a time point screenshot. For more information, please see Parameter Template for Time Point Screencapturing.
PicInfoSet	Array of MediaSnapshotByTimePicInfoItem	Information set of screenshots of the same specification. Each element represents a screenshot.
Storage	TaskOutputStorage	Location of a time point screenshot file.

MediaSnapshotByTimePicInfoItem

Information of a time point screenshot

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
TimeOffset	Float	The timestamp (seconds) of the screenshot.
Path	String	Path to the screenshot.
WaterMarkDefinition	Array of	List of watermarking template IDs if the screenshots are

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	Integer	watermarked.

MediaTranscodeItem

Transcoding information

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
OutputStorage	TaskOutputStorage	Target bucket of an output file.
Path	String	Path to an output video file.
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.
Size	Integer	Total size of a media file in bytes (which is the sum of size of m3u8 and ts files if the video is in HLS format).
Duration	Float	Video duration in seconds.
Container	String	Container, such as m4a and mp4.
Md5	String	MD5 value of a video.
AudioStreamSet	Array of MediaAudioStreamItem	Audio stream information. 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 values can be obtained.

MediaVideoStreamItem

Information of the video stream in a VOD file

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Used by actions: DescribeMediaMetaData, DescribeTaskDetail, ParseNotification.

Name	Type	Description
Bitrate	Integer	Bitrate of a video stream in bps. Note: This field may return null, indicating that no valid values can be obtained.
Height	Integer	Height of a video stream in px. Note: This field may return null, indicating that no valid values can be obtained.
Width	Integer	Width of a video stream in px. Note: This field may return null, indicating that no valid values can be obtained.
Codec	String	Video stream codec, 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.
ColorPrimaries	String	Color primaries Note: this field may return `null` , indicating that no valid value was found.
ColorSpace	String	Color space Note: this field may return `null` , indicating that no valid value was found.
ColorTransfer	String	Color transfer Note: this field may return `null` , indicating that no valid value was found.
HdrType	String	HDR type Note: This field may return `null` , indicating that no valid value was found.

MosaicInput

The mosaic effect parameters to use in a media processing task.

Used by actions: CreateWorkflow, ProcessMedia, ResetWorkflow.

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.

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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;

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			• 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.

NumberFormat

Rule of the `{number}` variable in the output file name.

Used by actions: CreateWorkflow, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
InitialValue	Integer	No	Start value of the `{number}` variable. Default value: 0.
Increment	Integer	No	Increment of the `{number}` variable. Default value: 1.
MinLength	Integer	No	Minimum length of the `{number}` variable. A placeholder will be used if the variable length is below the minimum requirement. Default value: 1.
PlaceHolder	String	No	Placeholder used when the `{number}` variable length is below the minimum requirement. Default value: 0.

OcrFullTextConfigureInfo

Control parameter of a full text recognition task

Used by actions: CreateAIRecognitionTemplate, DescribeAIRecognitionTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of a full text recognition task. Valid values: • ON: Enables an intelligent full text recognition task; • OFF: Disables an intelligent full text recognition task.

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OcrFullTextConfigureInfoForUpdate

Control parameter of a full text recognition task

Used by actions: ModifyAIRecognitionTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of a full text recognition task. Valid values: • ON: Enables an intelligent full text recognition task; • OFF: Disables an 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 a text keyword recognition task. Valid values: • ON: Enables a text keyword recognition task; • OFF: Disables a 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, all results will be returned. There can be up to 10 tags, each with a length limit of 16 characters.

OcrWordsConfigureInfoForUpdate

Text keyword recognition control parameter.

Used by actions: ModifyAIRecognitionTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of a text keyword recognition task. Valid values: • ON: Enables a text keyword recognition task; • OFF: Disables a text keyword recognition task.
LabelSet	Array of	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.

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	String		There can be up to 10 tags, each with a length limit of 16 characters.

OverrideTranscodeParameter

Custom specification parameters for video processing, which are used to override corresponding parameters in templates.

Used by actions: CreateWorkflow, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Container	String	No	Container format. Valid values: mp4, flv, hls, mp3, flac, ogg, and m4a; mp3, flac, ogg, and m4a are formats of audio files.
RemoveVideo	Integer	No	Whether to remove video data. Valid values: • 0: retain • 1: remove
RemoveAudio	Integer	No	Whether to remove audio data. Valid values: • 0: retain • 1: remove
VideoTemplate	VideoTemplateInfoForUpdate	No	Video stream configuration parameter.
AudioTemplate	AudioTemplateInfoForUpdate	No	Audio stream configuration parameter.
TEHDConfig	TEHDConfigForUpdate	No	The TSC transcoding parameters. Note: This field may return null, indicating that no valid values can be obtained.
SubtitleTemplate	SubtitleTemplate	No	The subtitle settings. Note: This field may return null, indicating that no valid values can be obtained.
AddonAudioStream	Array of MediaInputInfo	No	The information of the external audio track to add. Note: This field may return null, indicating that no valid values can be obtained.

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StdExtInfo	String	No	An extended field for transcoding. Note: This field may return·null, indicating that no valid values can be obtained.
AddOnSubtitles	Array of AddOnSubtitle	No	The subtitle file to add. Note: This field may return·null, indicating that no valid values can be obtained.

PoliticalAsrReviewTemplateInfo

The parameters for detecting sensitive information based on ASR.

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Whether to detect sensitive information based on ASR. 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. If this parameter is left empty, 100 will be used by default. Value range: 0-100.
ReviewConfidence	Integer	No	Threshold score for human audit. If this score is reached or exceeded during intelligent audit, human audit will be considered necessary. If this parameter is left empty, 75 will be used by default. Value range: 0-100.

PoliticalAsrReviewTemplateInfoForUpdate

The parameters for detecting sensitive information based on ASR.

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to detect sensitive information based on ASR. Valid values:

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			• 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.
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.

PoliticalConfigureInfo

The parameters for detecting sensitive information.

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
ImgReviewInfo	PoliticalImgReviewTemplateInfo	No	The parameters for detecting sensitive information in images.
AsrReviewInfo	PoliticalAsrReviewTemplateInfo	No	The parameters for detecting sensitive information based on ASR.
OcrReviewInfo	PoliticalOcrReviewTemplateInfo	No	The parameters for detecting sensitive information based on OCR.

PoliticalConfigureInfoForUpdate

The parameters for detecting sensitive information.

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
ImgReviewInfo	PoliticalImgReviewTemplateInfoForUpdate	No	The parameters for detecting sensitive information in images.
AsrReviewInfo	PoliticalAsrReviewTemplateInfoForUpdate	No	The parameters for detecting sensitive information based on ASR.

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OcrReviewInfo	PoliticalOcrReviewTemplateInfoForUpdate	No	The parameters for detecting sensitive information based on OCR.

PoliticalImgReviewTemplateInfo

The parameters for detecting sensitive information in images.

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Whether to detect sensitive information in images. Valid values: • ON • OFF
LabelSet	Array of String	No	The filter labels for sensitive information detection in images, which specify the types of sensitive information to return. If this parameter is left empty, the detection results for all labels are returned. Valid values: • violation_photo (banned icons) • politician • entertainment (people in the entertainment industry) • sport (people in the sports industry) • entrepreneur • scholar • celebrity • military (people in military)
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. If this parameter is left empty, 97 will be used by default. Value range: 0-100.
ReviewConfidence	Integer	No	Threshold score for human audit. If this score is reached or exceeded during intelligent audit, human audit will be considered necessary. If this parameter is left empty, 95 will be used by default. Value range: 0-100.

PoliticalImgReviewTemplateInfoForUpdate

The parameters for detecting sensitive information in images.

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Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to detect sensitive information in images. Valid values: • ON • OFF
LabelSet	Array of String	No	The filter labels for sensitive information detection in images, which specify the types of sensitive information to return. If this parameter is left empty, the detection results for all labels are returned. Valid values: • violation_photo (banned icons) • politician • entertainment (people in the entertainment industry) • sport (people in the sports industry) • entrepreneur • scholar • celebrity • military (people in military)
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.
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.

PoliticalOcrReviewTemplateInfo

The parameters for detecting sensitive information based on OCR.

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Whether to detect sensitive information based on OCR. 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

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			suspected violation has occurred. If this parameter is left empty, 100 will be used by default. Value range: 0-100.
ReviewConfidence	Integer	No	Threshold score for human audit. If this score is reached or exceeded during intelligent audit, human audit will be considered necessary. If this parameter is left empty, 75 will be used by default. Value range: 0-100.

PoliticalOcrReviewTemplateInfoForUpdate

The parameters for detecting sensitive information based on OCR.

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to detect sensitive information based on OCR. 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.
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.

PornAsrReviewTemplateInfo

Control parameter of a porn information detection in speech task

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of a porn information detection in speech task. Valid values: • ON: Enables a porn information detection in speech task; • OFF: Disables a porn information detection in speech task.
BlockConfidence	Integer	No	Threshold score for violation. If this score is reached or

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			exceeded during intelligent audit, it will be deemed that a suspected violation has occurred. If this parameter is left empty, 100 will be used by default. Value range: 0-100.
ReviewConfidence	Integer	No	Threshold score for human audit. If this score is reached or exceeded during intelligent audit, human audit will be considered necessary. If this parameter is left empty, 75 will be used by default. Value range: 0-100.

PornAsrReviewTemplateInfoForUpdate

Control parameter of a porn information detection in speech task.

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of a porn information detection in speech task. Valid values: • ON: Enables a porn information detection in speech task; • OFF: Disables a porn information detection in speech task.
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.
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.

PornConfigureInfo

Control parameter of a porn information detection task

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
ImgReviewInfo	PornImgReviewTemplateInfo	No	Control parameter of porn information detection in image. Note: This field may return null, indicating that no valid values can be obtained.

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AsrReviewInfo	PornAsrReviewTemplateInfo	No	Control parameter of porn information detection in speech. Note: This field may return null, indicating that no valid values can be obtained.
OcrReviewInfo	PornOcrReviewTemplateInfo	No	Control parameter of porn information detection in text. Note: This field may return null, indicating that no valid values can be obtained.

PornConfigureInfoForUpdate

Control parameter of a porn information detection task.

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
ImgReviewInfo	PornImgReviewTemplateInfoForUpdate	No	Control parameter of porn information detection in image.
AsrReviewInfo	PornAsrReviewTemplateInfoForUpdate	No	Control parameter of porn information detection in speech.
OcrReviewInfo	PornOcrReviewTemplateInfoForUpdate	No	Control parameter of porn information detection in text.

PornImgReviewTemplateInfo

Control parameter of a porn information detection in image task

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of a porn information detection in image task. Valid values: • ON: Enables a porn information detection in image task; • OFF: Disables a porn information detection in image task.
LabelSet	Array of String	No	Filter tag for porn information detection in image. If an audit result contains the selected tag, it will be returned; if the filter tag is empty, all audit results will be returned. Valid values:

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			• porn: Porn; • vulgar: Vulgarity; • intimacy: Intimacy; • sexy: Sexiness.
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. If this parameter is left empty, 90 will be used by default. Value range: 0-100.
ReviewConfidence	Integer	No	Threshold score for human audit. If this score is reached or exceeded during intelligent audit, human audit will be considered necessary. If this parameter is left empty, 0 will be used by default. Value range: 0-100.

PornImgReviewTemplateInfoForUpdate

Control parameter of a porn information detection in image task.

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of a porn information detection in image task. Valid values: • ON: Enables a porn information detection in image task; • OFF: Disables a porn information detection in image task.
LabelSet	Array of String	No	Filter tag for porn information detection in image. If an audit result contains the selected tag, it will be returned; if the filter tag is empty, all audit results will be returned. Valid values: • porn: Porn; • vulgar: Vulgarity; • intimacy: Intimacy; • sexy: Sexiness.
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.
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.

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PornOcrReviewTemplateInfo

Control parameter of a porn information detection in text task

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of a porn information detection in text task. Valid values: • ON: Enables a porn information detection in text task; • OFF: Disables a porn information detection in text task.
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. If this parameter is left empty, 100 will be used by default. Value range: 0-100.
ReviewConfidence	Integer	No	Threshold score for human audit. If this score is reached or exceeded during intelligent audit, human audit will be considered necessary. If this parameter is left empty, 75 will be used by default. Value range: 0-100.

PornOcrReviewTemplateInfoForUpdate

Control parameter of a porn information detection in text task.

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of a porn information detection in text task. Valid values: • ON: Enables a porn information detection in text task; • OFF: Disables a porn information detection in text task.
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.
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.

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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	Threshold score for violation. If this score is reached or exceeded during intelligent audit, it will be deemed that a suspected violation has occurred. If this parameter is left empty, 100 will be used by default. Value range: 0–100.
ReviewConfidence	Integer	No	Threshold score for human audit. If this score is reached or exceeded during intelligent audit, human audit will be considered necessary. 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	Threshold score for violation. If this score is reached or exceeded during intelligent audit, it will be deemed that a suspected violation has occurred. If this parameter is left empty, 100 will be used by default. Value range: 0–100.
ReviewConfidence	Integer	No	Threshold score for human audit. If this score is reached or

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			exceeded during intelligent audit, human audit will be considered necessary. 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.
OcrReviewInfo	ProhibitedOcrReviewTemplateInfo	No	Control parameter of prohibited information detection in text.

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

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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	Threshold score for violation. If this score is reached or exceeded during intelligent audit, it will be deemed that a suspected violation has occurred. If this parameter is left empty, 100 will be used by default. Value range: 0–100.
ReviewConfidence	Integer	No	Threshold score for human audit. If this score is reached or exceeded during intelligent audit, human audit will be considered necessary. 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	Threshold score for violation. If this score is reached or exceeded during intelligent audit, it will be deemed that a suspected violation has occurred. If this parameter is left empty, 100 will be used by default. Value range: 0–100.
ReviewConfidence	Integer	No	Threshold score for human audit. If this score is reached or exceeded during intelligent audit, human audit will be considered necessary. If this parameter is left empty, 75 will be used by default. Value range: 0–100.

QualityControlData

The quality check output.

Used by actions: DescribeTaskDetail, ParseNotification.

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Name	Type	Description
NoAudio	Boolean	Whether there is an audio track. `true` indicates that there isn't. Note: This field may return null, indicating that no valid values can be obtained.
NoVideo	Boolean	Whether there is a video track. `true` indicates that there isn't. Note: This field may return null, indicating that no valid values can be obtained.
QualityEvaluationScore	Integer	The no-reference video quality score. Value range: 0-100. Note: This field may return null, indicating that no valid values can be obtained.
QualityControlResultSet	Array of QualityControlResult	The issues detected by quality control. Note: This field may return null, indicating that no valid values can be obtained.

QualityControlItem

The information of a checked segment in quality control.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
Confidence	Integer	The confidence score. Value range: 0-100. Note: This field may return null, indicating that no valid values can be obtained.
StartTimeOffset	Float	The start timestamp (second) of the segment.
EndTimeOffset	Float	The end timestamp (second) of the segment.
AreaCoordSet	Array of Integer	The coordinates (px) of the top left and bottom right corner. Note: This field may return null, indicating that no valid values can be obtained.

QualityControlResult

The issues detected by quality control.

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Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description

Type	String	The issue type. Valid values:
		`Jitter`
		`Blur`
		`LowLighting`
		`HighLighting` (overexposure)
		`CrashScreen` (video corruption)
		`BlackWhiteEdge`
		`SolidColorScreen` (blank screen)
		`Noise`
		`Mosaic` (pixelation)
		`QRCode`
		`AppletCode` (Weixin Mini Program code)
		`BarCode`
		`LowVoice`
		`HighVoice`
		`NoVoice`
		`LowEvaluation` (low no-reference video quality score)

QualityControlItems	Array of QualityControlItem	The information of a checked segment in quality control.

RawImageWatermarkInput

Input parameter of image watermark template

Used by actions: CreateWorkflow, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
ImageContent	MediaInputInfo	Yes	Input content of 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 px; for example, `100px` means that `Width` is 100

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			px. 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. 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.

RawTranscodeParameter

Specifications for custom transcoding

Used by actions: CreateWorkflow, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Container	String	Yes	Container. Valid values: mp4; flv; hls; mp3; flac; ogg; m4a. Among them, mp3, flac, ogg, and m4a are for audio files.
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:

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			• 0: retain; • 1: remove. Default value: 0.
VideoTemplate	VideoTemplateInfo	No	Video stream configuration parameter. This field is required when `RemoveVideo` is 0.
AudioTemplate	AudioTemplateInfo	No	Audio stream configuration parameter. This field is required when `RemoveAudio` is 0.
TEHDConfig	TEHDConfig	No	TESHD transcoding parameter.

RawWatermarkParameter

Custom watermark specifications.

Used by actions: CreateWorkflow, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Type	String	Yes	Watermark type. Valid values: • image: image watermark.
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 watermark 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 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.

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			Default value: 0 px.
YPos	String	No	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	RawImageWatermarkInput	No	Image watermark template. This field is required when `Type` is `image` and is invalid when `Type` is `text`.

S3InputInfo

The AWS S3 storage information of a source file.

Used by actions: DescribeMediaMetaData, EditMedia, ProcessMedia.

Name	Type	Required	Description
S3Bucket	String	Yes	The AWS S3 bucket.
S3Region	String	Yes	The region of the AWS S3 bucket.
S3Object	String	Yes	The path of the AWS S3 object.
S3SecretId	String	No	The key ID required to access the AWS S3 object.
S3SecretKey	String	No	The key required to access the AWS S3 object.

S3OutputStorage

The AWS S3 storage information of an output file.

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Used by actions: CreateSchedule, CreateWorkflow, EditMedia, ModifySchedule, ProcessLiveStream, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
S3Bucket	String	Yes	The AWS S3 bucket.
S3Region	String	Yes	The region of the AWS S3 bucket.
S3SecretId	String	No	The key ID required to upload files to the AWS S3 object.
S3SecretKey	String	No	The key required to upload files to the AWS S3 object.

SampleSnapshotTaskInput

Input parameter type of a sampled screencapturing task.

Used by actions: CreateSchedule, CreateWorkflow, DescribeTaskDetail, ModifySchedule, ParseNotification, ProcessMedia, ResetWorkflow.

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 va obtained.
OutputStorage	TaskOutputStorage	No	Target bucket of a sampled screenshot. If this para empty, the `OutputStorage` value of the upper inherited. Note: This field may return null, indicating that no va obtained.
OutputObjectPath	String	No	Output path to a generated sampled screenshot, w relative path or an absolute path. If this parameter i following relative path will be used by default: `{inputName}_sampleSnapshot_{definiti` `{format}` .
ObjectNumberFormat	NumberFormat	No	Rule of the `{number}` variable in the sampled s path. Note: This field may return null, indicating that no va 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 a template in ISO date format.
UpdateTime	String	Last modified time of a 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. • 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.

ScheduleAnalysisTaskResult

The result of a content analysis task of a scheme.

Used by actions: DescribeTaskDetail, ParseNotification.

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; any other value returned indicates the task has failed. For details, see Error

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		Codes.
ErrCode	Integer	The error code. 0 indicates the task is successful; other values indicate the task has failed. This parameter is not recommended. Please use `ErrCodeExt` instead.
Message	String	The error message.
Input	AiAnalysisTaskInput	The input of the content analysis task.
Output	Array of AiAnalysisResult	The output of the content analysis task. Note: This field may return null, indicating that no valid values can be obtained.

ScheduleQualityControlTaskResult

The result of a quality control task.

Used by actions: DescribeTaskDetail, ParseNotification.

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; any other value indicates the task has failed. For details, see Error Codes.
ErrCode	Integer	The error code. `0` indicates the task is successful; other values indicate the task has failed. This parameter is not recommended. Please use `ErrCodeExt` instead.
Message	String	The error message.
Input	AiQualityControlTaskInput	The input of the quality control task.
Output	QualityControlData	The output of the quality control task. Note: This field may return null, indicating that no valid values can be obtained.

ScheduleRecognitionTaskResult

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The result of a content recognition task of a scheme.

Used by actions: DescribeTaskDetail, ParseNotification.

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; any other value returned indicates the task has failed. For details, see Error Codes.
ErrCode	Integer	The error code. 0 indicates the task is successful; other values indicate the task has failed. This parameter is not recommended. Please use `ErrCodeExt` instead.
Message	String	The error message.
Input	AiRecognitionTaskInput	The input of the content recognition task.
Output	Array of AiRecognitionResult	The output of the content recognition task. Note: This field may return null, indicating that no valid values can be obtained.

ScheduleReviewTaskResult

The result of a content moderation task of a scheme.

Used by actions: DescribeTaskDetail, ParseNotification.

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; any other value returned indicates the task has failed. For details, see Error Codes.
ErrCode	Integer	The error code. 0 indicates the task is successful; other values indicate the task has failed. This parameter is not recommended. Please use `ErrCodeExt` instead.
Message	String	The error message.
Input	AiContentReviewTaskInput	The input of the content moderation task.

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Output	Array of AiContentReviewResult	The output of the content moderation task. Note: This field may return null, indicating that no valid values can be obtained.

ScheduleTask

The information of a scheme.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
TaskId	String	The scheme ID.
Status	String	The scheme status. Valid values: • PROCESSING • FINISH
ErrCode	Integer	If the value returned is not 0, there was a source error. If 0 is returned, refer to the error codes of the corresponding task type.
Message	String	If there was a source error, this parameter is the error message. For other errors, refer to the error messages of the corresponding task type.
InputInfo	MediaInputInfo	The information of the file processed. Note: This field may return null, indicating that no valid values can be obtained.
MetaData	MediaMetaData	The metadata of the source video. Note: This field may return null, indicating that no valid values can be obtained.
ActivityResultSet	Array of ActivityResult	The output of the scheme. Note: This field may return null, indicating that no valid values can be obtained.

SchedulesInfo

The details of a scheme.

Used by actions: DescribeSchedules.

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Name	Type	Description
ScheduleId	Integer	The scheme ID.
ScheduleName	String	The scheme name. Note: This field may return null, indicating that no valid values can be obtained.
Type	String	The scheme type. Valid values: • `Preset` • `Custom` Note: This field may return·null, indicating that no valid values can be obtained.

Status	String	The scheme status. Valid values:
		`Enabled`
		`Disabled`
		Note: This field may return null, indicating that no valid values can be obtained.

Trigger	WorkflowTrigger	The trigger of the scheme. Note: This field may return null, indicating that no valid values can be obtained.
Activities	Array of Activity	The subtasks of the scheme. Note: This field may return null, indicating that no valid values can be obtained.
OutputStorage	TaskOutputStorage	The bucket to save the output file. Note: This field may return null, indicating that no valid values can be obtained.
OutputDir	String	The directory to save the output file. Note: This field may return null, indicating that no valid values can be obtained.
TaskNotifyConfig	TaskNotifyConfig	The notification configuration. Note: This field may return null, indicating that no valid values can be obtained.
CreateTime	String	The creation time in ISO date format. Note: This field may return null, indicating that no valid values can be obtained.
UpdateTime	String	The last updated time in ISO date format. Note: This field may return null, indicating that no valid values can

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		be obtained.

ScratchRepairConfig

Banding removal configuration.

Used by actions: CreateTranscodeTemplate, ModifyTranscodeTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable the feature. Valid values: • ON • OFF Default value: ON.
Intensity	Float	No	The strength. Value range: 0.0-1.0 Default value: 0.0 Note: This field may return null, indicating that no valid values can be obtained.

SharpEnhanceConfig

Detail enhancement configuration.

Used by actions: CreateTranscodeTemplate, ModifyTranscodeTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable the feature. Valid values: • ON • OFF Default value: ON.
Intensity	Float	No	The strength. Value range: 0.0-1.0 Default value: 0.0 Note: This field may return null, indicating that no valid values can be obtained.

SimpleAesDrm

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The AES-128 encryption details.

Used by actions: CreateWorkflow, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Uri	String	Yes	The URI of decryption key. Note: This field may return·null, indicating that no valid values can be obtained.
Key	String	Yes	The encryption key (a 32-byte string). Note: This field may return·null, indicating that no valid values can be obtained.
Vector	String	No	The initialization vector for encryption (a 32-byte string). Note: This field may return·null, indicating that no valid values can be obtained.

SnapshotByTimeOffsetTaskInput

Input parameter type of a time point screencapturing task

Used by actions: CreateSchedule, CreateWorkflow, DescribeTaskDetail, ModifySchedule, ParseNotification, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Definition	Integer	Yes	ID of a time point screencapturing template.
ExtTimeOffsetSet	Array of String	No	List of screenshot time points in the format of `s` c • If the string ends in `s` , it means that the time p example, `3.5s` means that the time point is the 3 • If the string ends in `%` , it means that the time p percentage of the video duration; for example, `10` point is 10% of the video duration.
TimeOffsetSet	Array of Float	No	List of time points of screenshots in seconds.
WatermarkSet	Array of WatermarkInput	No	List of up to 10 image or text watermarks. Note: This field may return null, indicating that no va obtained.
OutputStorage	TaskOutputStorage	No	Target bucket of a generated time point screenshot empty, the `OutputStorage` value of the upper

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			Note: This field may return null, indicating that no va obtained.
OutputObjectPath	String	No	Output path to a generated time point screenshot, w path or an absolute path. If this parameter is left em path will be used by default: `{inputName}_snapshotByTimeOffset_{de` `{format}` .
ObjectNumberFormat	NumberFormat	No	Rule of the `{number}` variable in the time point Note: This field may return null, indicating that no va obtained.

SnapshotByTimeOffsetTemplate

Details of a time point screencapturing template.

Used by actions: DescribeSnapshotByTimeOffsetTemplates.

Name	Type	Description
Definition	Integer	Unique ID of a time point screencapturing template.
Type	String	Template type. Valid values: • Preset: Preset template; • Custom: Custom template.
Name	String	Name of a 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

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		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 a template in ISO date format.
UpdateTime	String	Last modified time of a 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. • 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.

SubtitleTemplate

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The subtitle settings.

Used by actions: CreateWorkflow, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Path	String	No	The URL of the subtitles to add to the video. Note: This field may return·null, indicating that no valid values can be obtained.
StreamIndex	Integer	No	The subtitle track to add to the video. If both `Path` and `StreamIndex` are specified, `Path` will be used. You need to specify at least one of the two parameters. Note: This field may return·null, indicating that no valid values can be obtained.
FontType	String	No	The font. Valid values: • `hei.ttf` : Heiti. • `song.ttf` : Songti. • `simkai.ttf` : Kaiti. • `arial.ttf` : Arial. The default is `hei.ttf` . Note: This field may return·null, indicating that no valid values can be obtained.
FontSize	String	No	The font size (pixels). If this is not specified, the font size in the subtitle file will be used. Note: This field may return·null, indicating that no valid values can be obtained.
FontColor	String	No	The font color in 0xRRGGBB format. Default value: 0xFFFFFF (white). Note: This field may return·null, indicating that no valid values can be obtained.
FontAlpha	Float	No	The text transparency. Value range: 0-1. • `0` : Fully transparent. • `1` : Fully opaque. Default value: 1. Note: This field may return·null, indicating that no valid values can be obtained.

SuperResolutionConfig

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Super resolution configuration.

Used by actions: CreateTranscodeTemplate, ModifyTranscodeTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable the feature. Valid values: • ON • OFF Default value: ON.
Type	String	No	The strength. Valid values: • lq: For low-resolution videos with obvious noise • hq: For high-resolution videos Default value: lq. Note: This field may return null, indicating that no valid values can be obtained.
Size	Integer	No	The ratio of the target resolution to the original resolution. Valid values: • 2 Default value: 2. Note: This field may return null, indicating that no valid values can be obtained.

SvgWatermarkInput

Input parameter of an 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;

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			• 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.

SvgWatermarkInputForUpdate

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Input parameter of an 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;

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			• 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: CreateTranscodeTemplate, CreateWorkflow, DescribeTranscodeTemplates, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Type	String	Yes	TESHD type. Valid values: • TEHD-100: TESHD-100. If this parameter is left empty, TESHD will not be enabled.
MaxVideoBitrate	Integer	No	Maximum bitrate, which is valid when `Type` is `TESHD` . If this parameter is left empty or 0 is entered, there will be no upper limit for bitrate.

TEHDConfigForUpdate

TESHD parameter configuration.

Used by actions: CreateWorkflow, ModifyTranscodeTemplate, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Type	String	No	The TSC type. Valid values: • `TEHD-100` : TSC-100 (video TSC). • `TEHD-200` : TSC-200 (audio TSC). If this parameter is left blank, no modification will be made. Note: This field may return·null, indicating that no valid values can be obtained.

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MaxVideoBitrate	Integer	No	The maximum video bitrate. If this parameter is not specified, no modifications will be made. Note: This field may return·null, indicating that no valid values can be obtained.

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.

TaskNotifyConfig

Event notification configuration of a task.

Used by actions: CreateSchedule, CreateWorkflow, DescribeSchedules, DescribeTaskDetail, DescribeWorkflows, EditMedia, ModifySchedule, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
NotifyType	String	No	The notification type. Valid values:

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			• `CMQ` : This value is no longer used. Please use `TDMQ-CMQ` instead. • `TDMQ-CMQ` : Message queue • `URL` : If `NotifyType` is set to `URL` , HTTP callbacks are sent to the URL specified by `NotifyUrl` . HTTP and JSON are used for the callbacks. The packet contains the response parameters of the `ParseNotification` API. • `SCF` : This notification type is not recommended. You need to configure it in the SCF console. • `AWS-SQS` : AWS queue. This type is only supported for AWS tasks, and the queue must be in the same region as the AWS bucket. Note: If you do not pass this parameter or pass in an empty string, `CMQ` will be used. To use a different notification type, specify this parameter accordingly.
NotifyMode	String	No	Workflow notification method. Valid values: Finish, Change. If this parameter is left empty, `Finish` will be used.
NotifyUrl	String	No	HTTP callback URL, required if `NotifyType` is set to `URL`
CmqModel	String	No	The CMQ or TDMQ-CMQ model. Valid values: Queue, Topic.
CmqRegion	String	No	The CMQ or TDMQ-CMQ region, such as `sh` (Shanghai) or `bj` (Beijing).
TopicName	String	No	The CMQ or TDMQ-CMQ topic to receive notifications. This parameter is valid when `CmqModel` is `Topic` .
QueueName	String	No	The CMQ or TDMQ-CMQ queue to receive notifications. This parameter is valid when `CmqModel` is `Queue` .
AwsSQS	AwsSQS	No	The AWS SQS queue. This parameter is required if `NotifyType` is `AWS-SQS` . Note: This field may return null, indicating that no valid values can be obtained.
NotifyKey	String	No	The key used to generate the callback signature. Note: This field may return·null, indicating that no valid values can be obtained.

TaskOutputStorage

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The information of the media processing output object.

Used by actions: CreateSchedule, CreateWorkflow, DescribeSchedules, DescribeTaskDetail, DescribeWorkflows, EditMedia, ModifySchedule, ParseNotification, ProcessLiveStream, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Type	String	Yes	The storage type for a media processing output file. Valid values: • `COS` : Tencent Cloud COS • `>AWS-S3` : AWS S3. This type is only supported for AWS tasks, and the output bucket must be in the same region as the bucket of the source file.
CosOutputStorage	CosOutputStorage	No	The location to save the output object in COS. This parameter is valid and required when `Type` is COS. Note: This field may return null, indicating that no valid value can be obtained.
S3OutputStorage	S3OutputStorage	No	The AWS S3 bucket to save the output file. This parameter is required if `Type` is `AWS-S3` . Note: This field may return null, indicating that no valid value can be obtained.

TaskSimpleInfo

Task overview information

Used by actions: DescribeTasks.

Name	Type	Description
TaskId	String	Task ID.
TaskType	String	Task type. Valid values: • WorkflowTask: Workflow processing task; • LiveProcessTask: Live stream processing task.
CreateTime	String	Creation time of a 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 `0000-00-00T00:00:00Z` .

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FinishTime	String	End time of a task in ISO date format. If the task has not been completed yet, this field will be `0000-00-00T00:00:00Z` .
SubTaskTypes	Array of String	The subtask type.

TerrorismConfigureInfo

The parameters for detecting sensitive information.

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Description
ImgReviewInfo	TerrorismImgReviewTemplateInfo	The parameters for detecting sensitive information in images.
OcrReviewInfo	TerrorismOcrReviewTemplateInfo	The parameters for detecting sensitive information based on OCR.

TerrorismConfigureInfoForUpdate

The parameters for detecting sensitive information.

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
ImgReviewInfo	TerrorismImgReviewTemplateInfoForUpdate	No	The parameters for detecting sensitive information in images.
OcrReviewInfo	TerrorismOcrReviewTemplateInfoForUpdate	No	The parameters for detecting sensitive information based on OCR.

TerrorismImgReviewTemplateInfo

The parameters for detecting sensitive information in images.

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Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Whether to detect sensitive information in images. Valid values: • ON • OFF
LabelSet	Array of String	No	The filter labels for sensitive information detection in images, which specify the types of sensitive information to return. If this parameter is left empty, the detection results for all labels are returned. Valid values: • guns • crowd • bloody • police • banners (sensitive flags) • militant • explosion • terrorists • scenario (sensitive scenes)
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. If this parameter is left empty, 90 will be used by default. Value range: 0-100.
ReviewConfidence	Integer	No	Threshold score for human audit. If this score is reached or exceeded during intelligent audit, human audit will be considered necessary. If this parameter is left empty, 80 will be used by default. Value range: 0-100.

TerrorismImgReviewTemplateInfoForUpdate

The parameters for detecting sensitive information in images.

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to detect sensitive information in images. Valid values: • ON • OFF
LabelSet	Array	No	The filter labels for sensitive information detection in images,

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	of String		which specify the types of sensitive information to return. If this parameter is left empty, the detection results for all labels are returned. Valid values: • guns • crowd • bloody • police • banners (sensitive flags) • militant • explosion • terrorists • scenario (sensitive scenes)
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.
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.

TerrorismOcrReviewTemplateInfo

The parameters for detecting sensitive information based on OCR.

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Whether to detect sensitive information based on OCR. 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. If this parameter is left empty, 100 will be used by default. Value range: 0–100.
ReviewConfidence	Integer	No	Threshold score for human audit. If this score is reached or exceeded during intelligent audit, human audit will be considered necessary. If this parameter is left empty, 75 will be used by default. Value range: 0–100.

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TerrorismOcrReviewTemplateInfoForUpdate

The parameters for detecting sensitive information based on OCR.

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to detect sensitive information based on OCR. 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. If this parameter is left empty, 100 will be used by default. Value range: 0–100.
ReviewConfidence	Integer	No	Threshold score for human audit. If this score is reached or exceeded during intelligent audit, human audit will be considered necessary. 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.

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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

TranscodeTaskInput

Input parameter type of a transcoding task

Used by actions: CreateSchedule, CreateWorkflow, DescribeTaskDetail, ModifySchedule, ParseNotification, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Definition	Integer	Yes	ID of a video transcoding template.
RawParameter	RawTranscodeParameter	No	Custom video transcoding parameter, wh `Definition` is 0. This parameter is used in highly customi recommend you use `Definition` to transcoding parameter preferably.
OverrideParameter	OverrideTranscodeParameter	No	Video transcoding custom parameter, wh `Definition` is not 0. When any parameters in this structure ar used to override corresponding paramete This parameter is used in highly customi recommend you only use `Definition` transcoding parameter.

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			Note: this field may return `null` , indic value was found.
WatermarkSet	Array of WatermarkInput	No	List of up to 10 image or text watermarks Note: This field may return null, indicatin can be obtained.
MosaicSet	Array of MosaicInput	No	List of blurs. Up to 10 ones can be suppo
StartTimeOffset	Float	No	Start time offset of a transcoded video, in • If this parameter is left empty or set to video will start at the same time as the or • If this parameter is set to a positive nu the transcoded video will start at the nth s video. • If this parameter is set to a negative n example), the transcoded video will start before the end of the original video.
EndTimeOffset	Float	No	End time offset of a transcoded video, in • If this parameter is left empty or set to video will end at the same time as the ori • If this parameter is set to a positive nu the transcoded video will end at the nth s video. • If this parameter is set to a negative n example), the transcoded video will end a before the end of the original video.
OutputStorage	TaskOutputStorage	No	Target bucket of an output file. If this para the `OutputStorage` value of the upp inherited. Note: This field may return null, indicatin can be obtained.
OutputObjectPath	String	No	Path to a primary output file, which can b absolute path. If this parameter is left em relative path will be used by default: `{inputName}_transcode_{defin {format}` .
SegmentObjectName	String	No	Path to an output file part (the path to ts c HLS), which can only be a relative path. I empty, the following relative path will be u `{inputName}_transcode_{defin {format}` .

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ObjectNumberFormat	NumberFormat	No	Rule of the `{number}` variable in the transcoding. Note: This field may return null, indicating can be obtained.
HeadTailParameter	HeadTailParameter	No	Opening and closing credits parameters Note: this field may return `null`, indic value was found.

TranscodeTemplate

Details of a transcoding template

Used by actions: DescribeTranscodeTemplates.

Name	Type	Description
Definition	String	Unique ID of a transcoding template.
Container	String	Container format. Valid values: mp4, flv, hls, mp3, flac, ogg.
Name	String	Name of a transcoding template. 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.

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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. To enable it, please contact your Tencent Cloud sales rep. Note: This field may return null, indicating that no valid values can be obtained.
ContainerType	String	Container format filter. Valid values: • Video: Video container format that can contain both video stream and audio stream; • PureAudio: Audio container format that can contain only audio stream.
CreateTime	String	Creation time of a template in ISO date format.
UpdateTime	String	Last modified time of a template in ISO date format.
EnhanceConfig	EnhanceConfig	Audio/Video enhancement configuration. Note: This field may return null, indicating that no valid values can be obtained.

UrlInputInfo

The URL of the object to process.

Used by actions: DescribeMediaMetaData, EditMedia, ProcessMedia.

Name	Type	Required	Description
Url	String	Yes	URL of a video.

UserDefineAsrTextReviewTemplateInfo

Control parameter of a custom speech audit task

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of a custom speech audit task. Valid values:

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			• ON: Enables a custom speech audit task; • OFF: Disables a custom speech audit task.
LabelSet	Array of String	No	Custom speech filter tag. If an audit result contains the selected tag, it will be returned; if the filter tag is empty, all audit results will be returned. To use the tag filtering feature, you need to add the corresponding tag when adding materials for custom speech keywords. There can be up to 10 tags, each with a length limit of 16 characters.
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. If this parameter is left empty, 100 will be used by default. Value range: 0-100.
ReviewConfidence	Integer	No	Threshold score for human audit. If this score is reached or exceeded during intelligent audit, human audit will be considered necessary. If this parameter is left empty, 75 will be used by default. Value range: 0-100.

UserDefineAsrTextReviewTemplateInfoForUpdate

Control parameter of a custom speech audit task

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of a custom speech audit task. Valid values: • ON: Enables a custom speech audit task; • OFF: Disables a custom speech audit task.
LabelSet	Array of String	No	Custom speech filter tag. If an audit result contains the selected tag, it will be returned; if the filter tag is empty, all audit results will be returned. To use the tag filtering feature, you need to add the corresponding tag when adding materials for custom speech keywords. There can be up to 10 tags, each with a length limit of 16 characters.
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.

UserDefineConfigureInfo

Control parameter of a custom audit task

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
FaceReviewInfo	UserDefineFaceReviewTemplateInfo	No	Control parameter of custom figure audit. Note: This field may return null, indicating that no valid values can be obtained.
AsrReviewInfo	UserDefineAsrTextReviewTemplateInfo	No	Control parameter of custom speech audit. Note: This field may return null, indicating that no valid values can be obtained.
OcrReviewInfo	UserDefineOcrTextReviewTemplateInfo	No	Control parameter of custom text audit. Note: This field may return null, indicating that no valid values can be obtained.

UserDefineConfigureInfoForUpdate

Control parameter of a custom audit task.

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
FaceReviewInfo	UserDefineFaceReviewTemplateInfoForUpdate	Yes	Control parameter of custom figure audit.
AsrReviewInfo	UserDefineAsrTextReviewTemplateInfoForUpdate	Yes	Control parameter of custom speech audit.

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OcrReviewInfo	UserDefineOcrTextReviewTemplateInfoForUpdate	Yes	Control parameter of custom text audit.

UserDefineFaceReviewTemplateInfo

Control parameter of a custom figure audit task

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of a custom figure audit task. Valid values: • ON: Enables a custom figure audit task; • OFF: Disables a custom figure audit task.
LabelSet	Array of String	No	Custom figure filter tag. If an audit result contains the selected tag, it will be returned; if the filter tag is empty, all audit results will be returned. To use the tag filtering feature, you need to add the corresponding tag when adding materials for the custom figure library. There can be up to 10 tags, each with a length limit of 16 characters.
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. If this parameter is left empty, 97 will be used by default. Value range: 0-100.
ReviewConfidence	Integer	No	Threshold score for human audit. If this score is reached or exceeded during intelligent audit, human audit will be considered necessary. If this parameter is left empty, 95 will be used by default. Value range: 0-100.

UserDefineFaceReviewTemplateInfoForUpdate

Control parameter of a custom figure audit task.

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of a custom figure audit task. Valid values:

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			• ON: Enables a custom figure audit task; • OFF: Disables a custom figure audit task.
LabelSet	Array of String	No	Custom figure filter tag. If an audit result contains the selected tag, it will be returned; if the filter tag is empty, all audit results will be returned. To use the tag filtering feature, you need to add the corresponding tag when adding materials for the custom figure library. There can be up to 10 tags, each with a length limit of 16 characters.
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.
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.

UserDefineOcrTextReviewTemplateInfo

Control parameter of a custom text audit task

Used by actions: CreateContentReviewTemplate, DescribeContentReviewTemplates.

Name	Type	Required	Description
Switch	String	Yes	Switch of a custom text audit task. Valid values: • ON: Enables a custom text audit task; • OFF: Disables a custom text audit task.
LabelSet	Array of String	No	Custom text filter tag. If an audit result contains the selected tag, it will be returned; if the filter tag is empty, all audit results will be returned. To use the tag filtering feature, you need to add the corresponding tag when adding materials for custom text keywords. There can be up to 10 tags, each with a length limit of 16 characters.
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. If this parameter is left empty, 100 will be used by default. Value range: 0-100.
ReviewConfidence	Integer	No	Threshold score for human audit. If this score is reached or

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			exceeded during intelligent audit, human audit will be considered necessary. If this parameter is left empty, 75 will be used by default. Value range: 0-100.

UserDefineOcrTextReviewTemplateInfoForUpdate

Control parameter of a custom text audit task.

Used by actions: ModifyContentReviewTemplate.

Name	Type	Required	Description
Switch	String	No	Switch of a custom text audit task. Valid values: • ON: Enables a custom text audit task; • OFF: Disables a custom text audit task.
LabelSet	String	No	Custom text filter tag. If an audit result contains the selected tag, it will be returned; if the filter tag is empty, all audit results will be returned. To use the tag filtering feature, you need to add the corresponding tag when adding materials for custom text keywords. There can be up to 10 tags, each with a length limit of 16 characters.
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.
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.

VideoDenoiseConfig

Image noise removal configuration.

Used by actions: CreateTranscodeTemplate, ModifyTranscodeTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable the feature. Valid values: • ON • OFF

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			Default value: ON.
Type	String	No	The strength. Valid values: • weak • strong Default value: weak. Note: This field may return null, indicating that no valid values can be obtained.

VideoEnhanceConfig

Video enhancement configuration.

Used by actions: CreateTranscodeTemplate, ModifyTranscodeTemplate.

Name	Type	Required	Description
FrameRate	FrameRateConfig	No	Frame interpolation configuration. Note: This field may return null, indicating that no valid values can be obtained.
SuperResolution	SuperResolutionConfig	No	Super resolution configuration. Note: This field may return null, indicating that no valid values can be obtained.
Hdr	HdrConfig	No	HDR configuration. Note: This field may return null, indicating that no valid values can be obtained.
Denoise	VideoDenoiseConfig	No	Image noise removal configuration. Note: This field may return null, indicating that no valid values can be obtained.
ImageQualityEnhance	ImageQualityEnhanceConfig	No	Overall enhancement configuration. Note: This field may return null, indicating that no valid values can be obtained.
ColorEnhance	ColorEnhanceConfig	No	Color enhancement configuration.

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			Note: This field may return null, indicating that no valid values can be obtained.
SharpEnhance	SharpEnhanceConfig	No	Detail enhancement configuration. Note: This field may return null, indicating that no valid values can be obtained.
FaceEnhance	FaceEnhanceConfig	No	Face enhancement configuration. Note: This field may return null, indicating that no valid values can be obtained.
LowLightEnhance	LowLightEnhanceConfig	No	Low-light enhancement configuration. Note: This field may return null, indicating that no valid values can be obtained.
ScratchRepair	ScratchRepairConfig	No	Banding removal configuration. Note: This field may return null, indicating that no valid values can be obtained.
ArtifactRepair	ArtifactRepairConfig	No	Artifact removal (smoothing) configuration. Note: This field may return null, indicating that no valid values can be obtained.

VideoTemplateInfo

Video stream configuration parameter

Used by actions: CreateAdaptiveDynamicStreamingTemplate, CreateTranscodeTemplate, CreateWorkflow, DescribeTranscodeTemplates, ModifyAdaptiveDynamicStreamingTemplate, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Codec	String	Yes	The video codec. Valid values: • `libx264` : H.264 • `libx265` : H.265 • `av1` : AOMedia Video 1

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			Note: You must specify a resolution (not higher than 640 x 480) if the H.265 codec is used. Note: You can only use the AOMedia Video 1 codec for MP4 files.
Fps	Integer	Yes	The video frame rate (Hz). Value range: [0, 100]. If the value is 0, the frame rate will be the same as that of the source video. Note: For adaptive bitrate streaming, the value range of this parameter is [0, 60].
Bitrate	Integer	Yes	The video bitrate (Kbps). Value range: 0 and [128, 35000]. 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. When resolution adaption is enabled, `Width` indicates the long side of a video, while `Height` indicates the short side. • close: Disabled. When resolution adaption is disabled, `Width` indicates the width of a video, while `Height` indicates the height. Default value: open. Note: When resolution adaption is enabled, `Width` cannot be smaller than `Height` .
Width	Integer	No	Maximum value of the width (or long side) of a video stream 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	No	Maximum value of the height (or short side) of a video stream 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;

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			• 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.
Gop	Integer	No	Frame interval between I keyframes. Value range: 0 and [1,100000]. If this parameter is 0 or left empty, the system will automatically set the GOP length.
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. • 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. Note: Only `stretch` and `black` are supported for adaptive bitrate streaming.
Vcrf	Integer	No	The control factor of video constant bitrate. Value range: [1, 51] If this parameter is specified, CRF (a bitrate control method) will be used for transcoding. (Video bitrate will no longer take effect.) It is not recommended to specify this parameter if there are no special requirements.

VideoTemplateInfoForUpdate

Video stream configuration parameter

Used by actions: CreateWorkflow, ModifyTranscodeTemplate, ProcessMedia, ResetWorkflow.

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Name	Type	Required	Description
Codec	String	No	The video codec. Valid values: • libx264: H.264 • libx265: H.265 • av1: AOMedia Video 1 Note: You must specify a resolution (not higher than 640 x 480) if the H.265 codec is used. Note: You can only use the AOMedia Video 1 codec for MP4 files.
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 a 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. When resolution adaption is enabled, `Width` indicates the long side of a video, while `Height` indicates the short side. • close: Disabled. When resolution adaption is disabled, `Width` indicates the width of a video, while `Height` indicates the height. Note: When resolution adaption is enabled, `Width` cannot be smaller than `Height` .
Width	Integer	No	Maximum value of the width (or long side) of a video stream 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.
Height	Integer	No	Maximum value of the height (or short side) of a video stream in px. Value range: 0 and [128, 4,096].

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Gop	Integer	No	Frame interval between I keyframes. Value range: 0 and [1,100000]. If this parameter is 0, the system will automatically set the GOP length.
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. 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.
Vcrf	Integer	No	The control factor of video constant bitrate. Value range: [0, 51]. This parameter will be disabled if you enter `0` . It is not recommended to specify this parameter if there are no special requirements.
ContentAdaptStream	Integer	No	Whether to enable adaptive encoding. Valid values: • 0: Disable • 1: Enable Default value: 0. If this parameter is set to `1` , multiple streams with different resolutions and bitrates will be generated automatically. The highest resolution, bitrate, and quality of the streams are determined by the values of `width` and `height` , `Bitrate` , and `Vcrf` in `VideoTemplate` respectively. If these parameters are not set in `VideoTemplate` , the highest resolution generated will be the same as that of the source video, and the highest video quality will be close to VMAF 95. To use this parameter or learn about the billing details of adaptive encoding, please contact your sales rep.

VolumeBalanceConfig

The volume equalization configuration.

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Used by actions: CreateTranscodeTemplate, ModifyTranscodeTemplate.

Name	Type	Required	Description
Switch	String	No	Whether to enable the feature. Valid values: • `ON` • `OFF` Default value: `ON` .
Type	String	No	The type. Valid values: • `loudNorm` : Loudness normalization. • `gainControl` : Volume leveling. Default value: `loudNorm` . Note: This field may return·null, indicating that no valid values can be obtained.

WatermarkInput

The watermark parameters to use in a media processing task.

Used by actions: CreateWorkflow, ProcessMedia, ResetWorkflow.

Name	Type	Required	Description
Definition	Integer	Yes	ID of a watermarking template.
RawParameter	RawWatermarkParameter	No	Custom watermark parameter, which is valid if `Definition` is 0. This parameter is used in highly customized scenarios. We recommend you use `Definition` to specify the watermark parameter preferably. Custom watermark parameter is not available for screenshot.
TextContent	String	No	Text content of up to 100 characters. This field is required only when the watermark type is text. Text watermark is not available for screenshot.
SvgContent	String	No	SVG content of up to 2,000,000 characters. This field is required only when the watermark

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			type is `SVG` . SVG watermark is not available for screenshot.
StartTimeOffset	Float	No	Start time offset of a watermark in seconds. If this parameter is left empty or 0 is entered, the watermark will appear upon the first video frame. • If this parameter is left empty 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. • If this parameter is left empty 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

Details of a watermarking template

Used by actions: DescribeWatermarkTemplates.

Name	Type	Description
Definition	Integer	Unique ID of a watermarking template.
Type	String	Watermark type. Valid values: • image: Image watermark; • text: Text watermark.
Name	String	Name of a watermarking template.
Comment	String	Template description.
XPos	String	Horizontal position of the origin of the watermark image

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		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 a template in ISO date format.
UpdateTime	String	Last modified time of a 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;

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		• 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.

WorkflowInfo

Workflow information details.

Used by actions: DescribeWorkflows.

Name	Type	Description
WorkflowId	Integer	Workflow ID.
WorkflowName	String	Workflow name.
Status	String	Workflow status. Valid values: • Enabled: Enabled, • Disabled: Disabled.
Trigger	WorkflowTrigger	Input rule bound to a workflow. If an uploaded video hits the rule for the object, the workflow will be triggered.
OutputStorage	TaskOutputStorage	The location to save the media processing output file. Note: This field may return null, indicating that no valid value can be obtained.
MediaProcessTask	MediaProcessTaskInput	The media processing parameters to use. Note: This field may return null, indicating that no valid value can be obtained.
AiContentReviewTask	AiContentReviewTaskInput	Type parameter of a video content audit task. Note: This field may return null, indicating that no valid values can be obtained.
AiAnalysisTask	AiAnalysisTaskInput	Video content analysis task parameter.

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AiRecognitionTask	AiRecognitionTaskInput	Type parameter of a video content recognition task. Note: This field may return null, indicating that no valid values can be obtained.
TaskNotifyConfig	TaskNotifyConfig	Event notification information of a task. If this parameter is left empty, no event notifications will be obtained. Note: This field may return null, indicating that no valid values can be obtained.
TaskPriority	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.
OutputDir	String	The directory to save the media processing output file, such as `/movie/201907/` .
CreateTime	String	Creation time of a workflow in ISO date format.
UpdateTime	String	Last modified time of a workflow in ISO date format.

WorkflowTask

The information of the media processing task.

Used by actions: DescribeTaskDetail, ParseNotification.

Name	Type	Description
TaskId	String	The media processing task ID.
Status	String	Task flow status. Valid values: • PROCESSING: Processing; • FINISH: Completed.
ErrCode	Integer	If the value returned is not 0, there was a source error. If 0 is returned, refer to the error codes of the corresponding task type.
Message	String	Except those for source errors, error messages vary with task type.
InputInfo	MediaInputInfo	The information of the file processed. Note: This field may return null,

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		indicating that no valid value can be obtained.
MetaData	MediaMetaData	Metadata of a source video. Note: This field may return null, indicating that no valid values can be obtained.
MediaProcessResultSet	Array of MediaProcessTaskResult	The execution status and result of the media processing task.
AiContentReviewResultSet	Array of AiContentReviewResult	Execution status and result of a video content audit task.
AiAnalysisResultSet	Array of AiAnalysisResult	Execution status and result of video content analysis task.
AiRecognitionResultSet	Array of AiRecognitionResult	Execution status and result of a video content recognition task.
AiQualityControlTaskResult	ScheduleQualityControlTaskResult	The execution status and result of a quality control task. Note: This field may return null, indicating that no valid values can be obtained.

WorkflowTrigger

Input rule. If an uploaded video hits the rule, the workflow will be triggered.

Used by actions: CreateSchedule, CreateWorkflow, DescribeSchedules, DescribeWorkflows, ModifySchedule, ResetWorkflow.

Name	Type	Required	Description
Type	String	Yes	The trigger type. Valid values: • `CosFileUpload` : Tencent Cloud COS trigger. • `AwsS3FileUpload` : AWS S3 trigger. Currently, this type is only supported for transcoding tasks and schemes (not supported for workflows).

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CosFileUploadTrigger	CosFileUploadTrigger	No	This parameter is required and valid when `Type` is `CosFileUpload`, indicating the COS trigger rule. Note: This field may return null, indicating that no valid values can be obtained.
AwsS3FileUploadTrigger	AwsS3FileUploadTrigger	No	The AWS S3 trigger. This parameter is valid and required if `Type` is `AwsS3FileUpload`. Note: Currently, the key for the AWS S3 bucket, the trigger SQS queue, and the callback SQS queue must be the same. Note: This field may return null, indicating that no valid values can be obtained.

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Error Codes

Last updated：2023-08-23 18:10:17

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.BucketNotifyAlreadyExist	Operation failed: notification has already been set for the bucket.
FailedOperation.CosStatusInavlid	Operation failed: COS service is suspended.
FailedOperation.GetSourceNotify	Operation failed: Error getting the source notification.
FailedOperation.InvalidMpsUser	Operation failed: unauthorized MPS user.
FailedOperation.InvalidUser	Operation failed: invalid user.
FailedOperation.SetSourceNotify	Operation failed: Error setting the source notification.
InternalError.AccessDBError	Data error.
InternalError.GenDefinition	Internal error: failed to generate template ID.

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InternalError.UploadWatermarkError	Internal error: failed to upload watermark image.
InvalidParameterValue.AudioBitrate	Parameter error: Audio stream bitrate.
InvalidParameterValue.AudioChannel	Incorrect parameter value: AudioChannel.
InvalidParameterValue.AudioCodec	Parameter error: audio stream codec.
InvalidParameterValue.AudioSampleRate	Parameter error: audio stream sample rate.
InvalidParameterValue.Bitrate	Invalid audio/video bitrate.
InvalidParameterValue.BlockConfidence	Incorrect parameter value: the value of the `BlockConfidence` parameter is invalid.
InvalidParameterValue.ClassifcationConfigure	Incorrect parameter value: the control field parameter for intelligent categorization is incorrect.
InvalidParameterValue.Codec	Invalid audio/video codec.
InvalidParameterValue.ColumnCount	Incorrect parameter value: ColumnCount.
InvalidParameterValue.Comment	Parameter error: template description.
InvalidParameterValue.Container	Parameter error: container format.
InvalidParameterValue.ContainerType	Incorrect parameter value: ContainerType.
InvalidParameterValue.CoordinateOrigin	Incorrect parameter value: CoordinateOrigin.
InvalidParameterValue.CoverConfigure	Incorrect parameter value: the control field parameter for intelligent cover generation is incorrect.
InvalidParameterValue.DefaultLibraryLabelSet	Incorrect parameter value: the default face library filter tag is invalid.
InvalidParameterValue.Definition	Parameter error: Definition.
InvalidParameterValue.Definitions	Parameter error: Definitions.
InvalidParameterValue.DeleteDefaultTemplate	Incorrect parameter value: the default template cannot be deleted.
InvalidParameterValue.DestinationLanguage	

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InvalidParameterValue.DisableHigherVideoBitrate	Invalid switch value used to prohibit transcoding from low bitrate to high bitrate.
InvalidParameterValue.DisableHigherVideoResolution	Invalid switch value used to prohibit transcoding from low resolution to high resolution.
InvalidParameterValue.FaceDuplicate	Incorrect parameter value: duplicated face.
InvalidParameterValue.FaceLibrary	Incorrect parameter value: invalid face library parameter.
InvalidParameterValue.FaceScore	Incorrect parameter value: the value of the face score parameter is invalid.
InvalidParameterValue.FillType	Invalid parameter: incorrect fill type.
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	Parameter error: video frame rate.
InvalidParameterValue.FrameTagConfigure	Incorrect parameter value: the control field parameter for intelligent frame-specific tagging is incorrect.
InvalidParameterValue.FunctionArg	Incorrect parameter value: FunctionArg.
InvalidParameterValue.FunctionName	Incorrect parameter value: FunctionName.
InvalidParameterValue.Gop	Invalid GOP value.
InvalidParameterValue.Height	Parameter error: height.
InvalidParameterValue.ImageContent	Invalid ImageContent
InvalidParameterValue.ImageTemplate	Parameter error: image watermarking template.
InvalidParameterValue.InvalidContent	The value of the parsed `Content` is invalid.

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InvalidParameterValue.InvalidOperationType	Invalid operation type.
InvalidParameterValue.LabelSet	Incorrect parameter value: invalid `LabelSet` value.
InvalidParameterValue.Limit	Parameter error: Limit.
InvalidParameterValue.ModifyDefaultTemplate	Incorrect parameter value: the default template cannot be modified.
InvalidParameterValue.Name	Incorrect parameter value: `Name` exceeds the length limit.
InvalidParameterValue.NotProcessingTask	Tasks not in processing status are not supported.
InvalidParameterValue.ObjectLibrary	Incorrect parameter value: object library parameter is invalid.
InvalidParameterValue.PicFormatError	Incorrect parameter value: incorrect face image format.
InvalidParameterValue.Quality	Incorrect parameter value: Quality.
InvalidParameterValue.RemoveAudio	Incorrect parameter value: RemoveAudio.
InvalidParameterValue.RemoveVideo	Incorrect parameter value: RemoveVideo.
InvalidParameterValue.RepeatType	Parameter error: invalid `RepeatType` .
InvalidParameterValue.Resolution	Parameter error: Incorrect resolution.
InvalidParameterValue.ResolutionAdaptive	Invalid ResolutionAdaptive
InvalidParameterValue.ReviewConfidence	Incorrect parameter value: The value of the `ReviewConfidence` parameter is invalid.
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.SessionContextTooLong	`SessionContext` is too long.
InvalidParameterValue.SessionId	The deduplication ID already exists. The request is removed due to duplication.

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InvalidParameterValue.SessionIdTooLong	`SessionId` is too long.
InvalidParameterValue.SoundSystem	Invalid parameter: incorrect audio channel system.
InvalidParameterValue.SourceLanguage	
InvalidParameterValue.SrcFile	Source file error.
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: invalid `Switch` value.
InvalidParameterValue.TEHDType	Incorrect parameter value: invalid `TEHDType` .
InvalidParameterValue.TagConfigure	Incorrect parameter value: the control field parameter for intelligent tagging is incorrect.
InvalidParameterValue.TaskId	The task ID does not exist.
InvalidParameterValue.TextAlpha	Parameter error: text transparency.
InvalidParameterValue.TextTemplate	Parameter error: text template.
InvalidParameterValue.Type	Parameter error: incorrect `Type` value.
InvalidParameterValue.UserDefineLibraryLabelSet	Incorrect parameter value: the custom face library filter tag is invalid.
InvalidParameterValue.VideoBitrate	Parameter error: video stream bitrate.
InvalidParameterValue.VideoCodec	Parameter error: video stream codec.
InvalidParameterValue.Width	Parameter error: Wwdth.
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 reached: the number of templates exceeds the limit.
ResourceNotFound.CosBucketNameInvalid	The resource does not exist: invalid COS bucket name.
ResourceNotFound.CosBucketNotExist	The resource does not exist: the COS bucket does not exist.
ResourceNotFound.Person	The resource does not exist: figure.
ResourceNotFound.TemplateNotExist	The resource does not exist: the template does not exist.
ResourceNotFound.Word	The resource does not exist: Keyword.

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