Media Processing Center

FAQs

Issue 01

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Contents

1 Product Consulting....1
1.1 Where Can I Use MPC?....1
1.2 Why Do Video Snapshot Capturing and Transcoding Fail After the Referer Whitelist Is Enabled for an OBS Bucket?....1
1.3 Can I Add Background Music?....1
2 Billing....2
2.1 How Do I Unsubscribe from MPC?....2
2.2 How Is a One-In Multiple-Out Transcoding Template Billed?....2
2.3 Is Adding Watermarks Charged?....4
3 Upload....5
3.1 What Can I Do If I Can't See a Bucket During Cloud Resource Authorization?....5
3.2 What If the Bucket for Storing the Input Files Is Not in the Same Region as MPC?....6
3.3 Why Can't I Access OBS Data+ by Authorizing MPC to Access Cloud Resources?....6
4 Transcoding....7
4.1 Files of What Formats Can Be Transcoded?....7
4.2 What If Transcoding Fails?....8
4.3 Can a Transcoding Task Have Multiple Outputs?....9
4.4 What Is a System Template? What Is It Used for?....10
4.5 How Do I Download Output Videos?....10
4.6 What Are the Differences Between DASH, HLS, and MP4 Videos?....10
4.7 How Do I Share Transcoded Videos?....11
4.8 How Do I Determine Whether Source Videos Can Be Transcoded to SD, HD, and UHD Videos?....12
4.9 Why Is There Only Audio but No Image After Video Transcoding?....12
4.10 Why Can't I Find My OBS Bucket When Creating a Transcoding Task?....12
4.11 How Do I Overwrite the Input Video File with the Output Video File?....13
4.12 How Long Does a Transcoding Task Take?....13
4.13 How Do I Configure Transcoding Event Notifications?....14
4.14 Can a Low-resolution Video Be Transcoded to a High-resolution One?....14
4.15 Can I Set the Same Bucket Name and Path for Both Input and Output Buckets During Transcoding?....14
5 Notifications....15
5.1 Where Can I Set a Message Topic? How Do I Configure Event Notifications?....15

5.2 Why Didn't I Receive Notifications on a Completed Transcoding Task After Configuring Event Notifications on the MPC Console? 15

6 Packaging/GIF Converting 16

6.1 What Are the Supported Input and Output Formats for Packaging? 16

6.2 What Are the Supported Input Formats for GIF Converting? 16

6.3 Why Can't I Package an MP3 File into an MP4 One? 16

7 Frame Capture 17

7.1 How Do I Extract Frames from a Video? 17

7.2 What Can I Do If Frame Capture Fails? 18

8 Video Watermark 19

8.1 How Do I Add an Image Watermark to a Video? 19

8.2 How Do I Add a Text Watermark to a Video? 20

8.3 Can a Watermark Template Be Text? 20

9 API and SDK Usage 21

9.1 Can I Deliver Transcoding Tasks in Batches? 21

9.2 How Long Does a Task Take from Submission to Execution? 21

9.3 Failed to Transcode MP3 Files and A Message Is Displayed Indicating that the Source Width and Height Are Incorrect 21

9.4 Why Is "The token must be updated" Returned When I Call an API? 21

9.5 Why Is a Message Displayed Indicating that the Token Is Invalid When I Call an API? 22

9.6 What Can I Do If an Error Message Is Displayed Indicating that the Input or Output OBS Path Is Invalid When I Use the SDK or API? 22

9.7 Does MPC Support Video Rotation? 22

9.8 How Do I Call a Transcoding API to Specify an Output File Name? 23

9.9 Why Can't I Cancel the Authorization After the IAM User Delegates the Read and Write Permissions on OBS Buckets? 23

1 Product Consulting

1.1 Where Can I Use MPC?

You can use MPC in the **AP-Singapore** region.

1.2 Why Do Video Snapshot Capturing and Transcoding Fail After the Referer Whitelist Is Enabled for an OBS Bucket?

The referer whitelist function of OBS does not allow disabling **Include empty referer**. You need to enable **Include empty referer** when configuring referer validation, so that the image processing, video snapshot capturing, and audio/video transcoding functions can be used.

NOTE

You need to enable the referer whitelist function only for public OBS buckets.

1.3 Can I Add Background Music?

No. MPC allows you to transcode audio/video recordings stored in OBS buckets to formats supported by different players. You can also take screenshots and add watermarks, but cannot add background music.

2 Billing

2.1 How Do I Unsubscribe from MPC?

By default, you are billed on a pay-per-use basis. If you stop using it, no fees occur. Therefore, you do not need to unsubscribe from MPC. To avoid incurring fees, if you do not want to keep the transcoded files, delete them from OBS because file storage is billed by OBS.

2.2 How Is a One-In Multiple-Out Transcoding Template Billed?

Pricing depends on the duration of files that you output. If you use a one-in-multiple-out transcoding template, you are billed for multiple outputs.

The unit price for each output depends on the codec used, output resolution, and whether Low Bitrate HD is enabled. For details, see **MPC Pricing Details**. The following examples describe how you are billed on a pay-per-use basis in different scenarios.

Scenario 1

Transcoding template: DASH_H.264_FHD_1 input and 6 outputs with Low Bitrate HD disabled

Input video: duration: 30 minutes; resolution: 2100x1200

Output videos: Their resolution and bitrate are 1,920x1,080/6,000 kbit/s, 1,920x1,080/3,000 kbit/s, 1,280x720/2,000 kbit/s, 1,280x720/1,000 kbit/s, 854x480/600 kbit/s, and 480x270/300 kbit/s.

Unit price for each output is:

- A video whose resolution/bitrate is 1,920x1,080/6,000 kbit/s or 1,920x1,080/3,000 kbit/s is billed based on the **H.264-FHD (1920x1080) or lower** specifications.
- A video whose resolution/bitrate is 1,280x720/2,000 kbit/s or 1,280x720/1,000 kbit/s is billed based on the **H.264-HD (1280x720) or lower** specifications.
- A video whose resolution/bitrate is 854x480/600 kbit/s or 480x270/300 kbit/s is billed based on the **H.264-SD (640x480) or lower** specifications.

Transcoding fee = Output file duration x Unit price. That is, ¥0.065 x 30 x 2 + ¥0.033 x 30 x 2 + ¥0.022 x 30 x 2 = ¥7.2.

Scenario 2

Transcoding template: DASH_H.265_FHD_1 input and 6 outputs with Low Bitrate HD enabled

Input video: duration: 30 minutes; resolution: 2100x1200

Output videos: Their resolution and bitrate are 1,920x1,080/4,200 kbit/s, 1,920x1,080/2,100 kbit/s, 1,280x720/1,400 kbit/s, 1,280x720/700 kbit/s, 854x480/500 kbit/s, and 480x270/200 kbit/s.

Unit price for each output is:

- A video whose resolution/bitrate is 1,920x1,080/4,200 kbit/s or 1,920x1,080/2,100 kbit/s is billed based on the **H.265-Low Bitrate HD-FHD (1920x1080) or lower** specifications.
- A video whose resolution/bitrate is 1,280x720/1,400 kbit/s or 1,280x720/700 kbit/s is billed based on the **H.265-Low Bitrate HD-HD (1280x720) or lower** specifications.
- A video whose resolution/bitrate is 854x480/500 kbit/s or 480x270/200 kbit/s is billed based on the **H.265-Low Bitrate HD-SD (640x480) or lower** specifications.

Transcoding fee = Output file duration x Unit price. That is, ¥0.977 x 30 x 2 + ¥0.489 x 30 x 2 + ¥0.326 x 30 x 2 = ¥107.52.

Scenario 3

Transcoding template: DASH_H.265_FHD_1 input and 6 outputs with Low Bitrate HD and image enhancement enabled

Input video: duration: 30 minutes; resolution: 2100x1200

Output videos: Their resolution and bitrate are 1,920x1,080/4,200 kbit/s, 1,920x1,080/2,100 kbit/s, 1,280x720/1,400 kbit/s, 1,280x720/700 kbit/s, 854x480/500 kbit/s, and 480x270/200 kbit/s.

Unit price for each output is:

- A video whose resolution/bitrate is 1,920x1,080/4,200 kbit/s or 1,920x1,080/2,100 kbit/s is billed based on the **H.265-Low Bitrate HD-FHD (1920x1080) or lower** specifications.
- A video whose resolution/bitrate is 1,280x720/1,400 kbit/s or 1,280x720/700 kbit/s is billed based on the **H.265-Low Bitrate HD-HD (1280x720) or lower** specifications.
- A video whose resolution/bitrate is 854x480/500 kbit/s or 480x270/200 kbit/s is billed based on the **H.265-Low Bitrate HD-SD (640x480) or lower** specifications.

The total cost in this scenario is twice that in scenario 2:

(¥0.977 x 30 x 2 + ¥0.489 x 30 x 2 + ¥0.326 x 30 x 2) x 2 = ¥215.04

2.3 Is Adding Watermarks Charged?

Yes. Watermarks can only be compressed to videos through transcoding. Therefore, adding watermarks will generate transcoding fees. For details about the transcoding price, see **Pricing Details**.

3 Upload

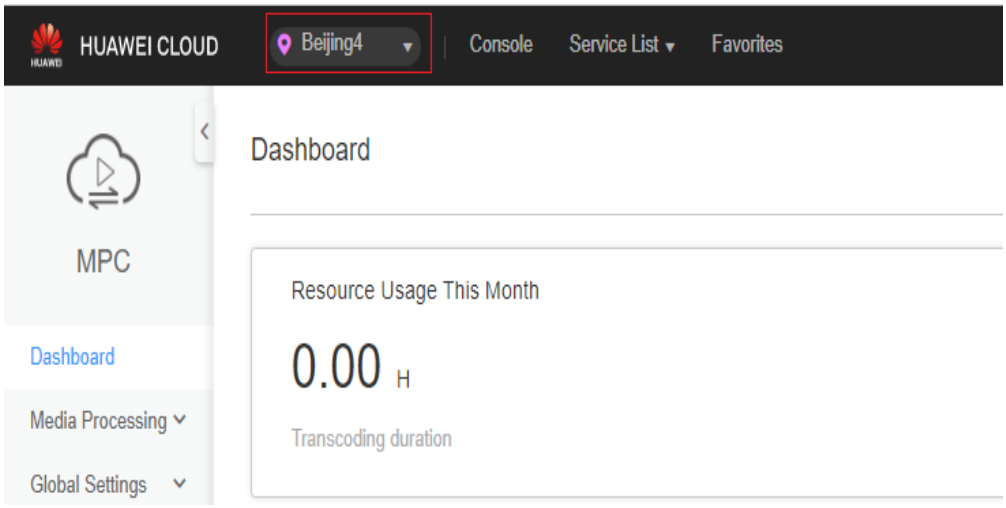
3.1 What Can I Do If I Can't See a Bucket During Cloud Resource Authorization?

The list of buckets in your region is supposed to be displayed on the **Cloud Resource Authorization** page. If you do not see the bucket list, perform the following steps to locate the fault.

Step 1 Check whether the bucket is in the same region as MPC.

1. Log in to the MPC console and view where MPC is deployed. See **Figure 3-1**.

Figure 3-1 MPC region



2. Log in to the OBS console and view the region where the OBS bucket is located. See **Figure 3-2**.

Figure 3-2 Region where an OBS bucket is deployed

Bucket Name	Storage Class	Region	Used Capacity
obs-b00389584	Standard	CN North-Beijing4	0 byte
obs-4ec0	Standard	CN North-Beijing1	1.51 MB

3. Check whether the two regions are consistent.

   If they are different, change the region where MPC is deployed or **create a bucket** in which you want MPC to do the transcoding.

Step 2 Log in to the OBS console and check whether the bucket is created in the same region as MPC.

- If no buckets have not been created, **create one**. Then you will see the bucket on the **Cloud Resource Authorization** page.
- If you have already created a bucket but the problem persists, contact technical support by **submitting a service ticket**.

----End

3.2 What If the Bucket for Storing the Input Files Is Not in the Same Region as MPC?

Handle the problem as follows:

1. Switch the region of MPC to the same region as the OBS bucket. MPC supports a limited number of regions. If MPC is not available in the region where the OBS bucket is located, go to **2**.
2. Use cross-region replication of OBS to replicate video files to an OBS bucket in the region where MPC is located. For details, see **Cross-Region Replication**.

3.3 Why Can't I Access OBS Data+ by Authorizing MPC to Access Cloud Resources?

OBS Data+ is the subject and calls the MPC service. Before accessing an OBS bucket through the MPC service, you need to authorize MPC to access the OBS bucket. For details, see **Authorizing Access to Cloud Resources**.

4 Transcoding

4.1 Files of What Formats Can Be Transcoded?

Table 4-1 lists the transcoding formats supported by MPC.

Table 4-1 Supported transcoding formats

Feature	Parameter	Description
File format	Input file format	MP4, TS, MOV, FLV, MPG, MXF, WMV, ADTS, AVI, MKV, MPEG, GIF, and WAV
	Output file format	DASH, HLS, and MP4
Video codec	Input file encoding format	H.264, H.265, MPEG-2, MPEG-4, MJPEG, VP6/7/8/9, WMV1/2/3, and ProRes 422
	Output file encoding format	H.264 and H.265
Video resolution	Common video resolutions	4096 x 2160, 3840 x 2160, 2560 x 1600, 2048 x 1536, 2560 x 1440, 2048 x 1152, 2048 x 1080, 1920 x 1080, 1440 x 1080, 1280 x 1080, 1280 x 720, 1280 x 544, 720 x 576, 854 x 480, and 720 x 480
Video bitrate	VBR (preferred)	Recommended average bitrates for different resolutions: over 80 Mbit/s for 4K (30 FPS), over 20 Mbit/s for 1080p, over 12 Mbit/s for 720p, and over 8 Mbit/s for 480p.
	CBR	Recommended average bitrates for different resolutions: over 30 Mbit/s for 1080p, over 15 Mbit/s for 720p, and over 10 Mbit/s for 480p.

Feature	Parameter	Description
Video frame rate	Fixed frame rate	23.98/24, 25, and 29.97/30. The frame rate cannot be changed and must be greater than 5 FPS.
Other video requirements	Adaptive I frame	It is recommended that the maximum I frame interval be less than 10s. Fixed I frame intervals are supported.
	B frame	It is recommended that the maximum number of consecutive B frames be less than 6.
	Reference frames	It is recommended that the number of reference frames be less than 5.
	Interleaving encoding	You are advised to provide progressive source video. Only 2:3 pull-down is supported.
Audio	Input audio file encoding format	AAC, AC3, EAC3, HE-AAC, MP2, MP3, PCM (s161e, s16be, s241e, s24be, DVD), and WMA
	Output audio file format	MP3, MP4, and ADTS
	Audio sampling rate	22.05 kHz, 32 kHz, 44.1 kHz, 48 kHz, or 96 kHz
	Audio channel	• 5.1 surround sound, stereo, and mono are supported for mono audio track. • Mono is supported for multiple audio tracks.
Subtitle	Subtitling	Embedded subtitles and independent subtitles (SRT)

4.2 What If Transcoding Fails?

If the transcoding fails, an error message is displayed. You can rectify the fault based on the error message. **Table 4-2** describes the common error messages and solutions.

Table 4-2 Common errors

Error Message	Cause	Solution
System error. Contact technical support.	System fault	**Submit a service ticket**.

Error Message	Cause	Solution
Failed to obtain the input file. Check the path.	Failed to obtain the input file.	Check whether the input file path is correct.
The input file does not exist.	The input file does not exist.	Check whether the input file exists.
Failed to obtain the subtitle file.	Failed to obtain the subtitle file during transcoding.	• Check whether the subtitle format meets the requirements (SRT). • Check whether the subtitle path is correct. • Check whether the subtitle file exists.
Failed to open the input file.	The frame rate of the input video is incorrect.	Check whether the frame rate of the input file is one of them: 23.98/24, 25, and 29.97/30. The variable frame rate is not supported.
The file format is not supported.	The file format is not supported.	Check whether the input file format is one of them: MP4, TS, MOV, FLV, MPG, MXF, WMV, ADTS, AVI, MKV, MPEG, GIF, and WAV.
The user resource exceeds the retention period and the service is unavailable.	OBS is suspended due to arrears.	Log in to the **Billing Center** and top up your account.
Failed to obtain media files in an OBS bucket.	KMS encryption has been enabled for the OBS bucket.	Log in to the OBS console, choose **Overview** > **Basic Configurations**, and disable default encryption.
The template is invalid.	The audio bitrate is too low.	Check whether the audio bitrate meets the requirement. The audio bitrate ranges from 8 to 1000 kbit/s.

4.3 Can a Transcoding Task Have Multiple Outputs?

Yes. A video file can be transcoded into video files of multiple resolutions and bitrates to meet the playback requirements of different devices and different network speeds.

Compared with one-in one-out transcoding, one-in multiple-out transcoding has the following features to save you a lot of time:

- Only one task is created.
- The input file is read and analyzed only once.
- The input file is decoded only once.
- Encoding information is reused when generating multiple outputs.

4.4 What Is a System Template? What Is It Used for?

MPC has a large number of built-in transcoding templates with formats, resolution, and codecs preconfigured. Therefore, using a system template can save you much time and reduce transcoding failures due to incorrect transcoding settings. You can choose **Global Settings** > **System Templates** on the MPC console to view system templates.

4.5 How Do I Download Output Videos?

Procedure

1. Log in to the MPC console.
2. In the navigation pane, choose **Media Processing** > **Transcoding**.
3. Locate the target transcoding task and click the output path in the **Output** column to switch to the OBS console.

4. Locate the transcoded file and click **Download** in the **Operation** column.

4.6 What Are the Differences Between DASH, HLS, and MP4 Videos?

Videos in different formats are packaged using different standards. Their playback experience and traffic usage are different as well. **Table 4-3** lists the differences.

Table 4-3 Differences

Video Format	Playback Experience	Traffic Usage
DASH	• Videos are segmented and played by segment. Video starts quickly with less freezing. • If you drag the time axis to any time point, the corresponding segment can be quickly located and played.	Traffic usage is low.

Video Format	Playback Experience	Traffic Usage
HLS	Similar to DASH	The overall traffic usage is low because only the segment is downloaded if you want to play a single segment. If a video is at a low bitrate, traffic usage is relatively high due to high packaging costs.
MP4	• The header file is large, and data is cached during download. As a result, video starts slowly. • If you drag the time axis to any time point, it takes some time to cache. • Most browser clients can play MP4 videos.	Traffic usage is high. If you drag the time axis to a time point, the entire header file still needs to be downloaded, which consumes a large amount of traffic. You are advised to use this format for short-form videos.

4.7 How Do I Share Transcoded Videos?

A transcoded video is stored in the specified OBS path. You can log in to the OBS console to view and share the file. For details about how to share a file, **Sharing a File**.

You can also perform the following operations to view the transcoded video on the MPC console and switch to the OBS console:

Step 1 Log in to the MPC console.

Step 2 In the navigation pane, choose **Media Processing** > **Transcoding**.

Step 3 Locate the target transcoding task and click the output path in the **Output** column to go to the OBS path.

Step 4 Locate the video file to be shared and click **Share** in the **Operation** column. In the displayed **Share File** dialog box, click **Copy Link** to share the link to other users.

For details about how to set the validity period of a sharing URL, see **Sharing a File**.

----End

4.8 How Do I Determine Whether Source Videos Can Be Transcoded to SD, HD, and UHD Videos?

The viewing experience of a transcoded high-resolution video is similar to that of the source video. Therefore, you are advised to select a transcoding template in which resolution is close to that of the source video.

- UHD: 1080x1920
- HD: 720x1280
- SD: 480x854/480x720
- LD: 270x480/270x406

4.9 Why Is There Only Audio but No Image After Video Transcoding?

It is possible that that you selected an audio output format or **Audio only** when configuring a transcoding template.

Log in to the MPC console to check:

- Choose **Media Processing** > **Transcoding**. In the task list, check whether the transcoding template is an audio template.
- Choose **Global Settings** > **Custom Templates**/**Custom Template Groups** and check whether **Audio only** is selected in your transcoding template.

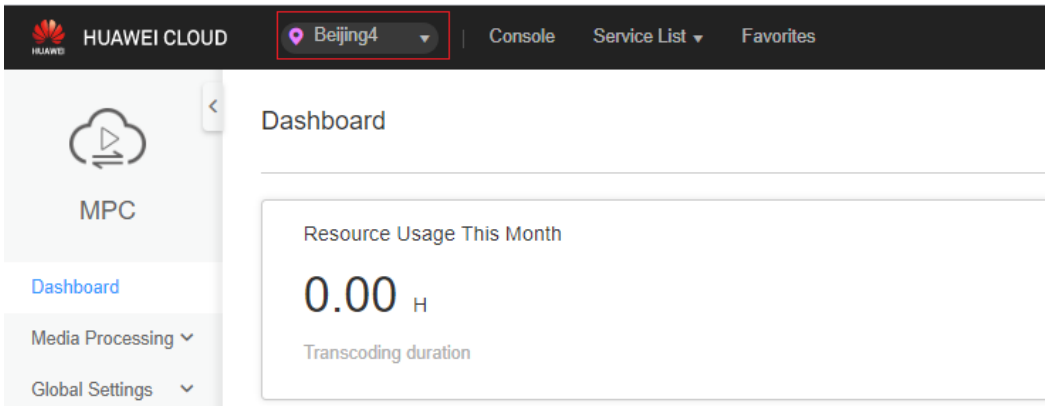
If the fault persists, **submit a service ticket** to contact technical support.

4.10 Why Can't I Find My OBS Bucket When Creating a Transcoding Task?

The possible causes are:

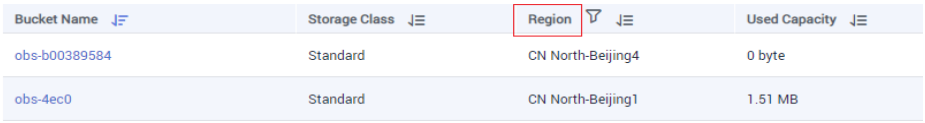
- You have not created an OBS bucket in the same region as MPC.
  a. Log in to the MPC console Check the region where MPC is located.

Figure 4-1 MPC region



b. Log in to the OBS console. In the bucket list, check whether an OBS bucket in the same region as MPC exists.

Figure 4-2 Region where an OBS bucket is deployed



c. If yes, go to the next step. Otherwise, **create a bucket** in the same region as MPC and then save audio and video files to be transcoded in this bucket.

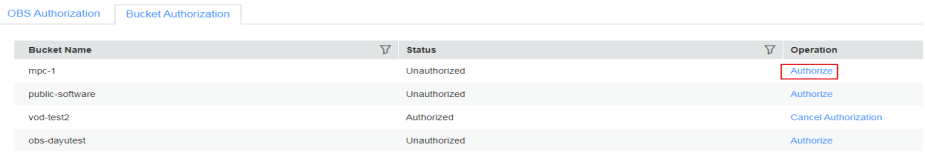
- Your OBS bucket is not authorized.

a. Log in to the MPC console.

b. In the navigation pane, choose **Cloud Resource Authorization**.

c. Click the **Bucket Authorization** tab.

d. Select the input and output buckets and click **Authorize**.



If the fault persists, **submit a service ticket** to contact technical support.

4.11 How Do I Overwrite the Input Video File with the Output Video File?

This operation is not available on the MPC console. You can call APIs to implement this function:

Step 1 Upload an input video file to OBS and record the bucket name, file path, and file name. For details, see **Uploading Media Files**.

Step 2 Call the API for **creating a transcoding task**. Set the value of **output** to that of **input** and **output_filenames** to the input file name.

Step 3 Call the API for **querying transcoding tasks**. If a message indicating that the transcoding is successful is displayed, log in to the OBS console to download the output file based on its path.

----End

4.12 How Long Does a Transcoding Task Take?

It depends on the duration of input files, resolution, bitrate, and transcoding template. If there are too many transcoding tasks, you have to wait in queue.

4.13 How Do I Configure Transcoding Event Notifications?

To keep track of the status of a transcoding task, you can configure event notifications before submitting a transcoding task. For details, see **Configuring Event Notifications**.

4.14 Can a Low-resolution Video Be Transcoded to a High-resolution One?

Yes. You can call the API for **creating a transcoding task** and set **upsample** to **1** to transcode a low-resolution video to a high-resolution one.

4.15 Can I Set the Same Bucket Name and Path for Both Input and Output Buckets During Transcoding?

Yes. The name of the transcoded file is specified by MPC.

5 Notifications

5.1 Where Can I Set a Message Topic? How Do I Configure Event Notifications?

Simple Message Notification (SMN) is an application service provided by . If you need to use event notifications, you need to call SMN. You can receive five types of notifications, including transcoding completed, transcoding started, snapshot captured, packaging completed, and GIF created, by template messages or JSON messages. For details, see **Configuring Event Notifications**.

5.2 Why Didn't I Receive Notifications on a Completed Transcoding Task After Configuring Event Notifications on the MPC Console?

The possible cause is that you did not configure a topic policy when **configuring event notifications**. For details, see **Configuring Event Notifications**. On the **Configure Topic Policy** page, select **MPC** for **Services that can publish messages to this topic**.

6 Packaging/GIF Converting

6.1 What Are the Supported Input and Output Formats for Packaging?

- Supported input formats: MP4, FLV, and TS
- Supported output formats: HLS and MP4

6.2 What Are the Supported Input Formats for GIF Converting?

MP4, TS, MOV, FLV, MPG, MXF, WMV, ADTS, AVI, MKV, MPEG, and WAV

6.3 Why Can't I Package an MP3 File into an MP4 One?

Currently, only MP3 files whose sampling rate is greater than 8000 Hz can be packaged into MP4 files.

7 Frame Capture

7.1 How Do I Extract Frames from a Video?

Frame capture allows you to extract frames from a video based on the sampling interval and save them as image files. You can call an API or the transcoding SDK to extract frames from a video.

API Calling

MPC provides frame capture APIs. You can extract frames from a source video or video being transcoded.

Solution 1: Extract frames from a video being transcoded.

Step 1 Upload a source video to OBS. For details, see **Uploading Media Files**.

Step 2 Call the API for **creating a transcoding task**. Configure **input**, **output**, **IDtrans_template_id**, and **thumbnail** to start transcoding.

Step 3 Call the API for **querying transcoding tasks**. If a message indicating that the transcoding is successful is displayed, log in to the OBS console to download the output file based on its path.

----End

Solution 2: Extract frames from a source video.

Step 1 Upload a source video to OBS. For details, see **Uploading Media Files**.

Step 2 Call the API for **creating a snapshot task** and configure input and output parameters to start frame capture.

Step 3 Call the API for **querying snapshot tasks**. If a message indicating that frame capture is successful is displayed, log in to the OBS console to download the output file based on its path.

----End

SDK Calling

By using the transcoding SDK, you can extract frames from a source video or video being transcoded.

Solution 1: Extract frames from a video being transcoded.

Step 1 Upload a source video to OBS. For details, see **Uploading Media Files**.

Step 2 Configure frame capture when **creating a transcoding task** and start transcoding.

Step 3 **Query the transcoding task**. If a message indicating that the transcoding is successful is returned, log in to the OBS console and download snapshots based on the path. For details, see **Downloading a File**.

----End

Solution 2: Extract frames from a source video.

Step 1 Upload a source video to OBS. For details, see **Uploading Media Files**.

Step 2 Set output parameters and frame capture parameters when **creating a snapshot task** and start the task.

Step 3 **Query the snapshot task**. If a message indicating that the task is successful is returned, log in to the OBS console and download snapshots based on the path. For details, see **Downloading a File**.

----End

7.2 What Can I Do If Frame Capture Fails?

Table 7-1 lists the common errors and causes for failed frame capture. For other errors, **submit a service ticket**.

Table 7-1 Error codes

Error Code	Error Message	Cause
MPC.10061	Capturing snapshots at non-fixed intervals is not supported. Change the interval to a fixed interval.	Snapshots cannot be taken at a non-fixed interval.
MPC.10062	The video codec is incorrect in the snapshot scenario.	The encoding format of the input video is not supported. Supported encoding formats are MPEG-2, H.264, H.265, and Prores422.
MPC.10063	The video format is incorrect in the snapshot scenario.	The packaging format of the input video is not supported. Supported packaging formats are MP4, MPG, MOV, MXF, FLV, and MPEG-TS.

8 Video Watermark

8.1 How Do I Add an Image Watermark to a Video?

An image watermark is an image (usually a logo or nickname) laid out on your video to increase brand awareness and protect your video. You can call an API or the transcoding SDK to watermark your video.

API Calling

Step 1 Upload an image and source video to OBS and record the image address, including the bucket name, region where the bucket is located, and image path. For details, see **Uploading Media Files**.

Step 2 Call the API for **creating a watermark template**.

Step 3 Call the API for **creating a transcoding task**. Configure **input**, **output**, and **watermarks**.

Step 4 Call the API for **querying transcoding tasks**. If a message indicating that the transcoding is successful is displayed, log in to the OBS console to download the output file based on its path.

----End

SDK Calling

Step 1 Upload an image and source video to OBS and record the image address, including the bucket name, region where the bucket is located, and image path. For details, see **Uploading Media Files**.

Step 2 **Create a watermark template** and record the watermark template ID.

Step 3 Set input and output parameters (input and output buckets, region, and input and output file paths) and watermark parameters (image address and template information) when **creating a transcoding task** and start transcoding.

Step 4 **Query transcoding tasks**. If a message indicating that the transcoding is successful is returned, log in to the OBS console to download the output file based on its path. For details, see **Downloading a File**.

----End

8.2 How Do I Add a Text Watermark to a Video?

To add a text watermark to a video:

Step 1 Upload a source video to OBS and record its bucket name and path. For details, see **Uploading Media Files**.

Step 2 Call the API for **creating a transcoding task**. Configure **input**, **output**, **text_context**, and **text_watermark**. **text_context** must be a value encoded using BASE64.

Step 3 Call the API for **querying transcoding tasks**. If a message indicating that the transcoding is successful is displayed, log in to the OBS console to download the output file based on its path.

----End

8.3 Can a Watermark Template Be Text?

No. A watermark template can only be an image.

9 API and SDK Usage

9.1 Can I Deliver Transcoding Tasks in Batches?

To ensure fairness among all tenants, transcoding tasks cannot be delivered in batches. You need to create transcoding tasks one by one. You can develop the batch task delivery function in the application system.

9.2 How Long Does a Task Take from Submission to Execution?

If few tasks are submitted, the tasks are executed immediately. If a large number of tasks are submitted simultaneously, some tasks line up.

9.3 Failed to Transcode MP3 Files and A Message Is Displayed Indicating that the Source Width and Height Are Incorrect

It is possible that a watermark is set in your transcoding template. Delete the watermark and perform transcoding again. For details about how to delete a watermark, see **Deleting a Watermark Template**.

9.4 Why Is "The token must be updated" Returned When I Call an API?

It is possible that:

- The token you obtained has expired. The validity period of a token is 24 hours.
- Your account was in arrears. After your account is topped up, the token is not obtained again.

If this message is displayed, you need to obtain a new token from IAM. For details, see **Obtaining a User Token**.

9.5 Why Is a Message Displayed Indicating that the Token Is Invalid When I Call an API?

The possible cause is that the **scope** parameter of the token was set to **domain** when you **obtain a user token**. The token is used for global-level services, but MPC is a project-level service. Therefore, you need to set **scope** to **project**.

9.6 What Can I Do If an Error Message Is Displayed Indicating that the Input or Output OBS Path Is Invalid When I Use the SDK or API?

It is possible that the region where the OBS bucket is located is different from the region where the token is obtained. MPC does not support cross-region transcoding. You need to set the region where the OBS bucket is located to the region where the token is obtained.

9.7 Does MPC Support Video Rotation?

Yes. You can call the API or transcoding SDK to configure video control parameters during transcoding to rotate your video.

API Calling

Step 1 Upload a source video to OBS. For details, see **Uploading Media Files**.

Step 2 Call the API for **creating a transcoding task**. Configure **input**, **output**, **IDtrans_template_id**, and **video_process** to start transcoding.

Step 3 Call the API for **querying transcoding tasks**. If a message indicating that the transcoding is successful is displayed, log in to the OBS console to download the output file based on its path.

----End

SDK Calling

Step 1 Upload a source video to OBS. For details, see **Uploading Media Files**.

Step 2 Configure video control parameters when **creating a transcoding task** and start transcoding.

Step 3 **Query the transcoding task**. If a message indicating that the transcoding is successful is displayed, log in to the OBS console to download the output file based on its path. For details, see **Downloading a File**.

----End

9.8 How Do I Call a Transcoding API to Specify an Output File Name?

You can call the API for **creating a transcoding task**. Configure the transcoded file name parameter **output_filenames** and the packaged file name parameter **file_name**.

- **output_filenames**: indicates the name of an output file. Each output file has a name. If there are multiple output files, their names must be in sequence of the template ID array. If this parameter is configured, the output file is named after this parameter. Otherwise, the output file is named in the default format.
- **file_name**: indicates the name of a packaging output file. If this parameter is configured, the output object name is **object/***file_name*. Otherwise, the output object name is **object/***xxx*, where *xxx* is specified by MPC.

9.9 Why Can't I Cancel the Authorization After the IAM User Delegates the Read and Write Permissions on OBS Buckets?

The permissions of the IAM user are not clear. As a result, the IAM user may fail to delegate the read and write permissions on OBS buckets to an MPC user.

If the permissions can be delegated but the authorization cannot be canceled, perform the following operations:

- Cancel the authorization using the Huawei Cloud account.
- Add the Security Administrator permission to the IAM user and then cancel the authorization.