Video on Demand

Getting Started

Issue 01

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Contents

1 Getting Started with VOD

This section describes how to quickly get started with VOD.

Process Flow
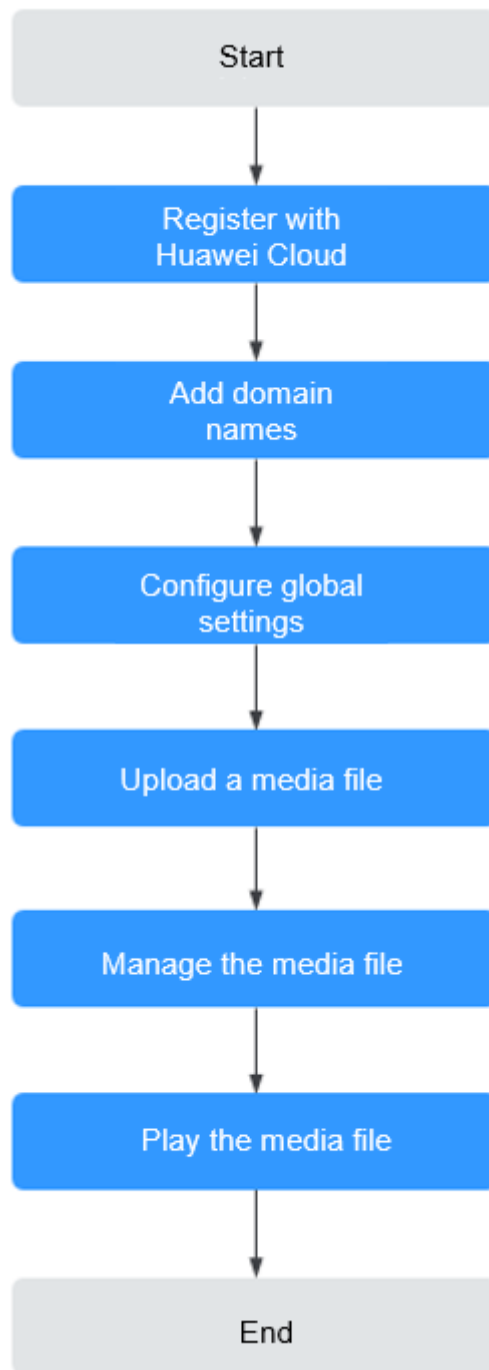
Registering with Huawei Cloud

NOTICE

If you subscribe to VOD not through the VOD console and a message is displayed prompting you to subscribe to VOD, you can perform the following operations.

1. Register an account on the **Registration** page.
2. Complete real-name authentication by referring to **Individual Real-Name Authentication**.
3. Top up your account (≥ $0.15 USD) on this **page** to subscribe to and use VOD.
4. Log in to the **VOD console** and subscribe to VOD as prompted.

Adding Domain Names

All domain names of the system have been assigned. If you do not have an assigned domain name after subscribing to VOD, you need to add licensed domain names to VOD for media file distribution acceleration.

Step 1 Log in to the **VOD console**.

Step 2 In the navigation pane, choose **Domain Name Management**.

Step 3 Click **Add Domain Name**. The **Add Domain Name** page is displayed.

Table 1-1 describes the required parameters.

Table 1-1 Adding a domain name

Parameter	Description
Domain Name	Enter a licensed domain name. ● You can add a maximum of five domain names. Wildcard domains such as ***.example.com** are not allowed. ● You are advised to use a domain name higher than second level, for example, **example.yourdomain.com**.
Enterprise Project	If you have **enabled** the enterprise project function, you need to select **Enterprise Project** to categorize new domain names.
Service Scope	Service scope of the current domain name. The options are as follows: ● **Chinese mainland**: Only users in the Chinese mainland can access the VOD content of the current domain name. ● **Outside China**: Only users outside the Chinese mainland can access the VOD content of the current domain name. ● **Global**: Global users can access the VOD content of the current domain name. **NOTICE** If the **Service Scope** you select involves cross-border data transfer, you shall be responsible for such transfer. For details, see section 2.3 "Processing Your Content Data" of **Service Agreement**.

Step 4 Click **OK**.

A domain name whose **Status** is **Configuring** is displayed in the domain name list. If **Status** becomes **Enabled** in 3 to 5 minutes, the domain name has been added.

After a domain name is added, the system assigns a CNAME value to the domain name.

Step 5 Configure the CNAME resolution at your DNS provider and check whether the CNAME takes effect. For details, see **Configuring CNAME**.

If the CNAME has not been configured and the domain name is enabled by default after it is added, media files in VOD may fail to be played and the thumbnail may fail to be displayed.

Step 6 Click **Set as Default** next to an added domain name to set the domain name to the default one.

Each account can only have one default domain in the **Enabled** state. After the setting, you need to enable **HTTPS secure acceleration** for the domain name and upload the HTTPS certificate so that the domain name can be used on the VOD console.

----End

(Optional) Configuring Global Settings

If you need to transcode, watermark, and encrypt media files or receive notifications, configure related settings before uploading these files to VOD and then select a template to process these files during or after upload.

- Create a transcoding template.

  By default, the system template group is used for transcoding during media file upload. If you want to use a custom template, create a template by referring to **Transcoding Settings**.

- Create a watermark template.

  Watermarks are added to a video during transcoding. If you want this, create a watermark template by referring to **Watermark Settings**.

  If a watermark template is created and set as default, the watermark is added to your uploaded video by default. To disable watermarking, go back to the **Global Settings** page and cancel it.

- Configure security settings.

  VOD provides encryption to protect your videos. If you need this, configure encryption parameters by referring to **Security Settings**. Switch on **Encryption** when creating a transcoding template. For details, see **Transcoding Settings**.

- Configure category settings.

  If you need to categorize uploaded videos, configure video categories by referring to **Category Settings**.

- Configure event notifications.

  If you want to receive task status, configure event notifications by referring to **Notification Settings**.

Uploading a Media File

Local upload is used as an example to describe how to upload media files to VOD.
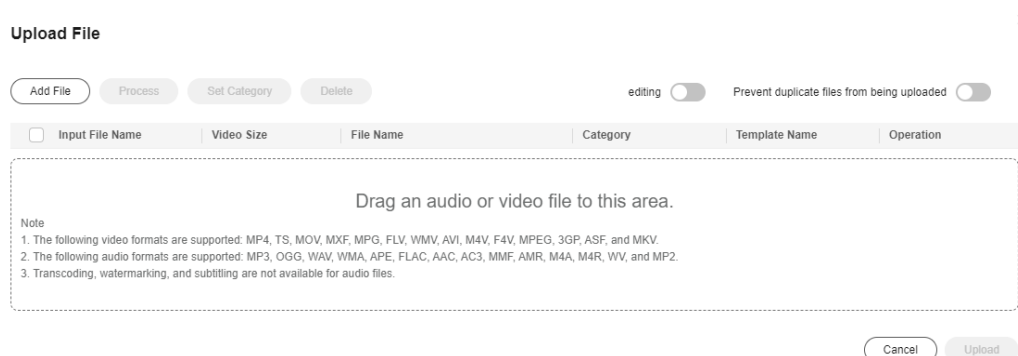
Step 1 Log in to the **VOD console**.

Step 2 In the navigation pane, choose **Audio and Video Uploads** > **Local Upload**.

Step 3 Click **Upload File**. The **Upload File** dialog box is displayed.

Step 4 Click **Add File** to add a local media file, or directly drag a file to the file area.
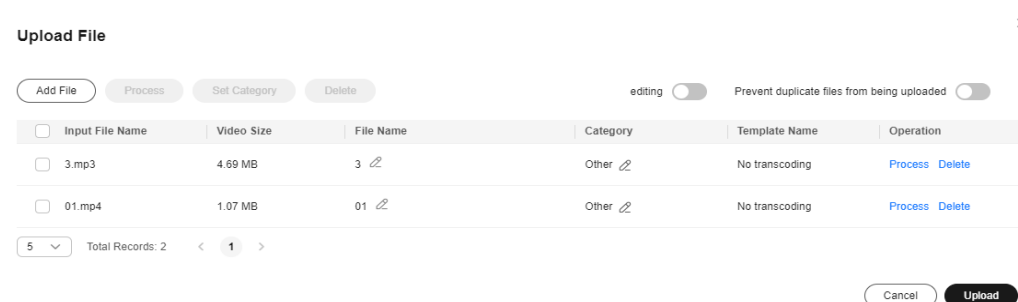
Figure 1-1 Local upload

Step 5 Switch on **Preventing Duplicate File Uploads** to avoid waste of time and storage space.

Set this parameter based on your needs. If you add an existing media file, an error message is displayed in the upper right corner.

Step 6 Categorize uploaded files, change the file name, or process them.

Figure 1-2 Processing media files

- If audio and video processing is not required, retain the default settings.
- If audio and video processing is required, click **Process** and configure parameters according to the following table.

Method	Transcoding Template/Workflow
Transcoding template group	Select a preset template group or create a template group by referring to **Transcoding Settings**.

Method	Transcoding Template/Workflow
Workflow	Select an existing workflow or create a workflow by referring to **Workflow Settings**.

Step 7 Click **Upload**.

> **NOTICE**
>
> The upload duration depends on the file size and network conditions. During the upload, do not refresh the page, clear the browser cache, or close the browser. If you do not perform any operation for a long time when uploading a large number of files, you will be logged out. As a result, the upload fails.

Step 8 View media file information on the **Audio and Video Management** page.

After a video file is uploaded, the system selects the first frame as the thumbnail by default. If a transcoding template group or workflow was configured during media file upload, the configured parameters will automatically apply to the media file processing.

**----End**

Managing the Media File

- On the **Audio and Video Management** page, you can view media status and perform operations such as transcoding, pre-loading, categorizing, and exporting information.

  Figure 1-3 Media file processing
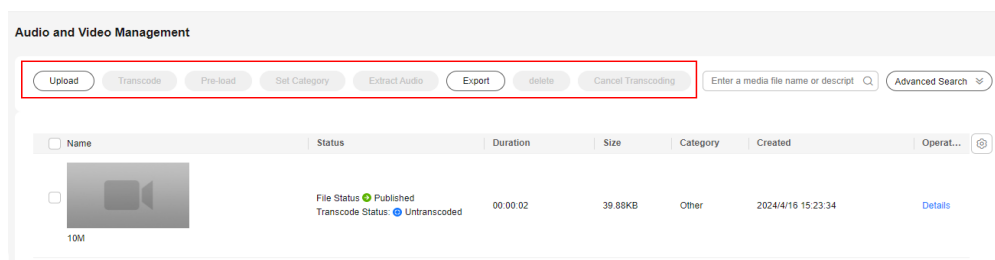
- Click **Details** in the row containing your media file to view and modify file details, including the streaming URL, thumbnail URL, subtitle URL, label, description, category, and name. For details, see **Audio and Video Management**.

Figure 1-4 Media file details
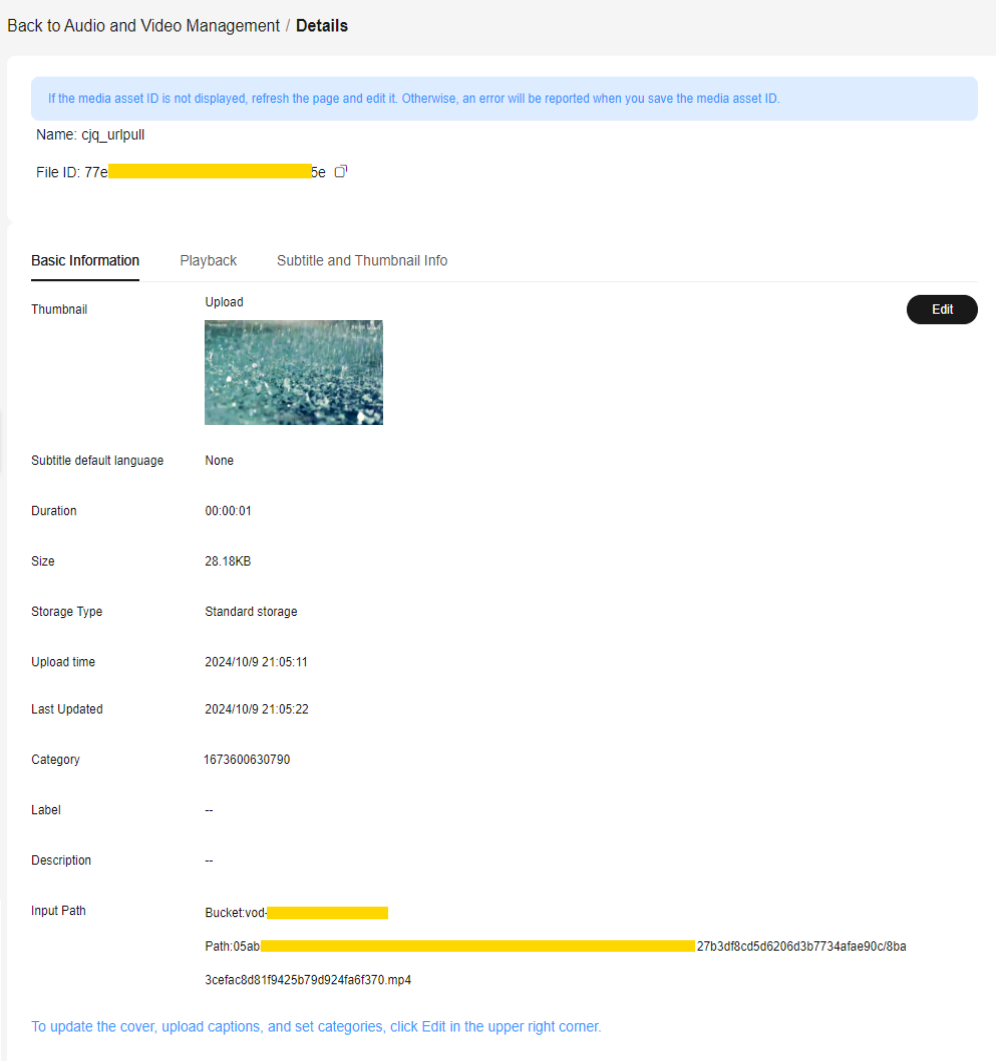
Playing the Media File

You can preview a media file on the VOD console or play it using a third-party player.

- **Preview on the console**: On the **Audio and Video Management** page, click the video thumbnail to preview a video.

  ☐ NOTE

  To preview a media file on the console, ensure that **HTTPS secure acceleration** has been enabled for the domain name and the HTTPS certificate has been uploaded.

- **Play a video using a player**: Click **Details** on the right of the video row, click the **Playback** tab, click the copy icon in the **Operation** column to copy the streaming URL, and enter the copied streaming URL in the player such as **VLC** to play the video.