

Tencent Cloud AI Digital Human Digital Human Platform Operation Guide Product Documentation



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Digital Human Platform Operation Guide

Accessing Platform

Last updated : 2025-03-13 17:02:28

The **TCADH platform** is committed to offering end-to-end services, from digital human production to operation management, helping customers build digital employees and enhancing service efficiency and user interaction experiences for businesses.

Platform access methods:

Address: [Digital Human Platform](#)

Account: Log in with your Tencent Cloud account and password that has completed identity verification. If you have purchased digital human-related products or services on the Tencent Cloud website, use the account associated with your purchase to access the platform.

Activation: Before the platform is activated, follow the instructions to claim the trial assets for new users to activate the relevant feature permissions.

Based on the differences in avatar resource types, the platform supports the generation and management of five types of avatars: 2D live-action (which can be subdivided into 2D instant avatar and 2D studio avatar), 3D realistic, 3D semi-realistic, and 3D cartoon. Depending on the one-to-one or one-to-many service types, the platform supports the application and operation management services for two types of digital humans: interactive digital humans and broadcast digital humans.

The platform primarily consists of four major modules:

Avatar production and asset management

Interactive digital human application and management

Broadcast digital human video generation and management

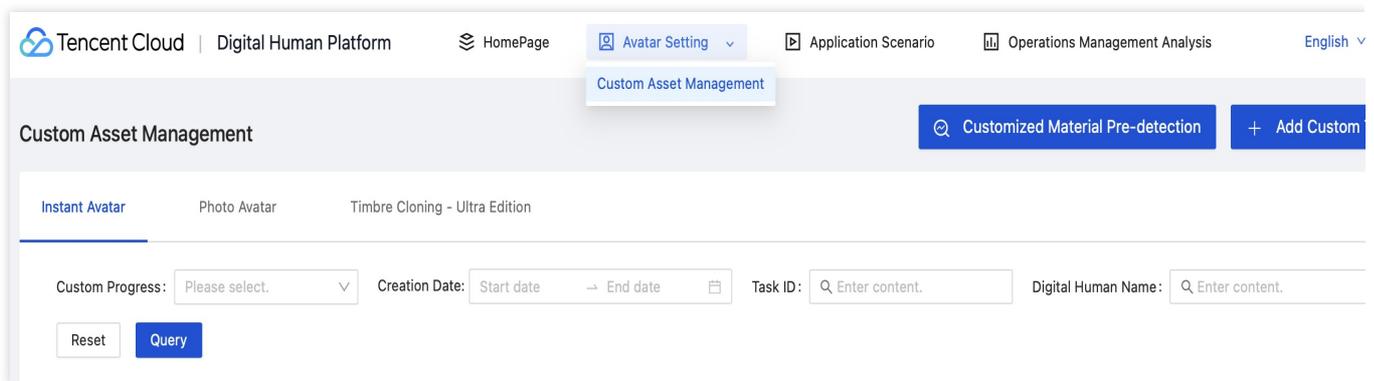
Operations management and analysis

I. Managing Digital Human Avatars

Based on the differences in digital human avatar resource types, digital human avatar assets can be categorized into the following types:

Avatar Type	Sales Mode
2D live-action (2D instant studio avatar) 3D realistic, 3D semi-realistic, and 3D cartoon	Standard avatar: Suitable for public avatar leasing services. Custom avatar: Suitable for exclusive avatar customization services, requiring the consumption of your purchased customization quota.

Access the image settings module through the top navigation of the platform to manage your custom avatar assets.



For the corresponding user guide of the platform, see:

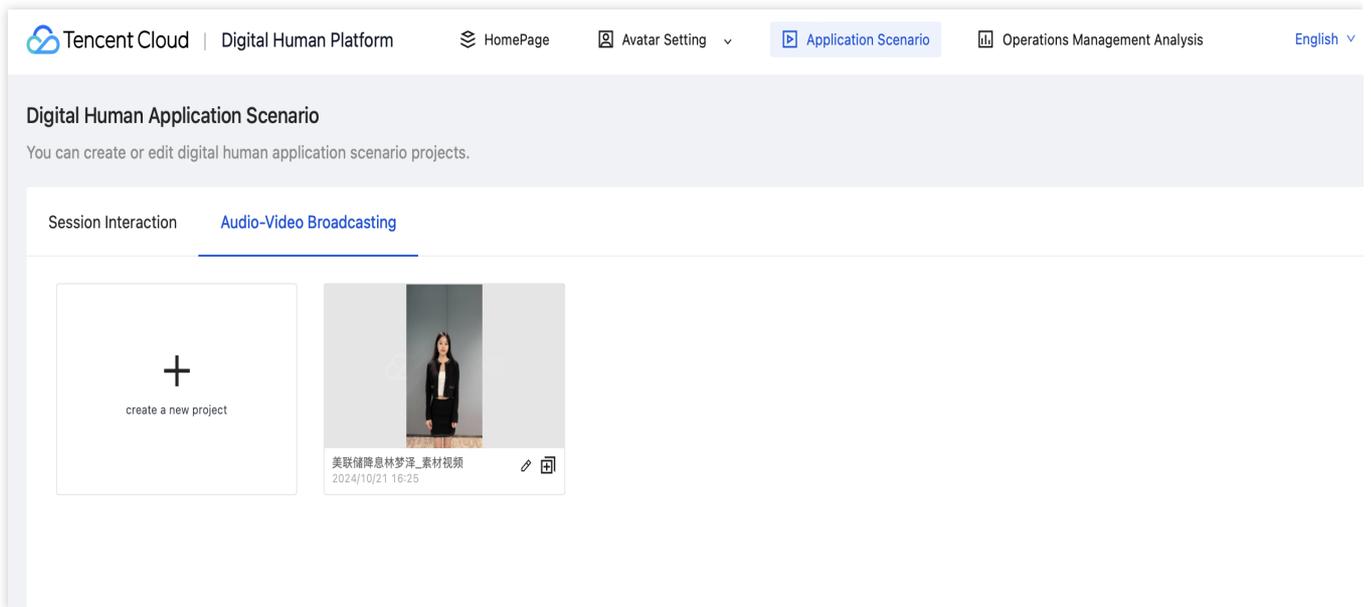
[Custom Asset Management](#)

II. Managing Your Applications and Assets

Based on the differences in use cases of digital human services, digital human service assets can be categorized into the following types. Different asset types do not support mixing between avatar types:

Use Cases	Corresponding Service Assets
Audio-video broadcasting	<p>Video generation service - hourly package: Used to create video duration resource packages for broadcasting audio and video content.</p> <p>Audio generation service - hourly package: Used to create audio duration resource packages for broadcast audio and video content.</p> <p>Video generation concurrency service: Supports the concurrency number for videos generated online simultaneously.</p>
Session interaction	<p>Streaming concurrency service: Supports the concurrency number for streams created online simultaneously.</p>

Access the scene application module through the top navigation of the platform to enter the categories of session interaction and audio and video broadcasting, where you can manage your applications.

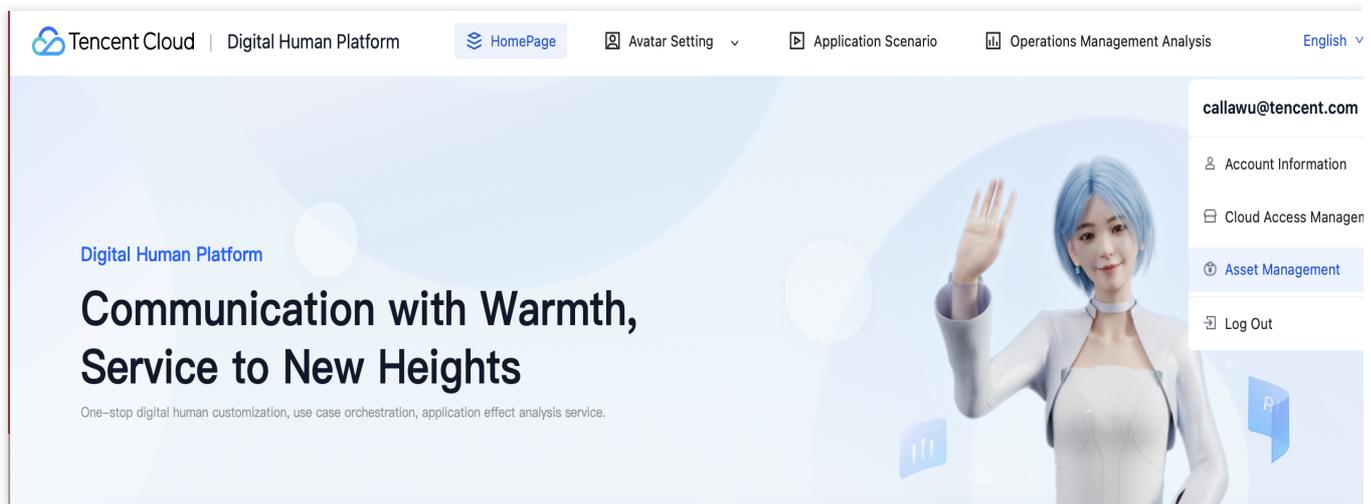


For the corresponding user guide of the platform, see:

[Broadcast Digital Human Video Generation and Management](#)

[Operations Management and Analysis](#)

Access the asset management module through the top navigation of the platform to manage your avatar and service assets.



For the corresponding user guide of the platform, see:

[Personal Asset Management](#)

[Sub-user and Permission Management](#)

Avatar Production and Asset Management

Custom Asset Management

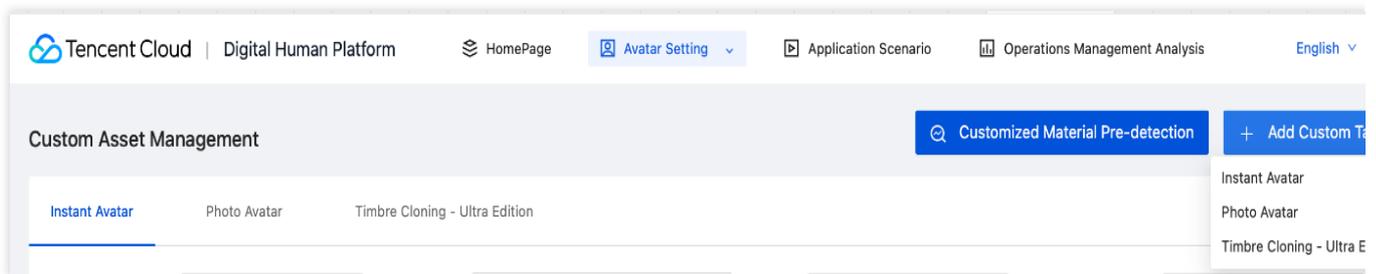
Last updated : 2025-03-20 17:28:34

Notes:

The current platform's custom asset management module only supports Instant Avatar and Voice Clone Ultra Edition. Other custom assets cannot be viewed on the platform until customization is completed and they are pushed for rack installation to your account.

I. Adding a Custom Task

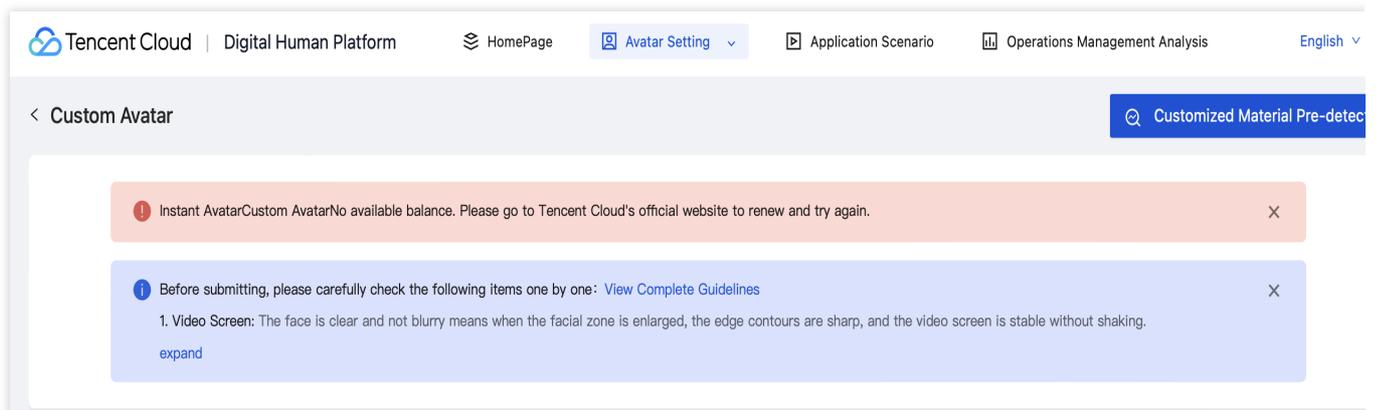
The customers who have purchased avatar customization and voice clone quotas can submit materials for customization through the TCADH platform. Access path: **Homepage > Image Settings > Customized Asset Management**.



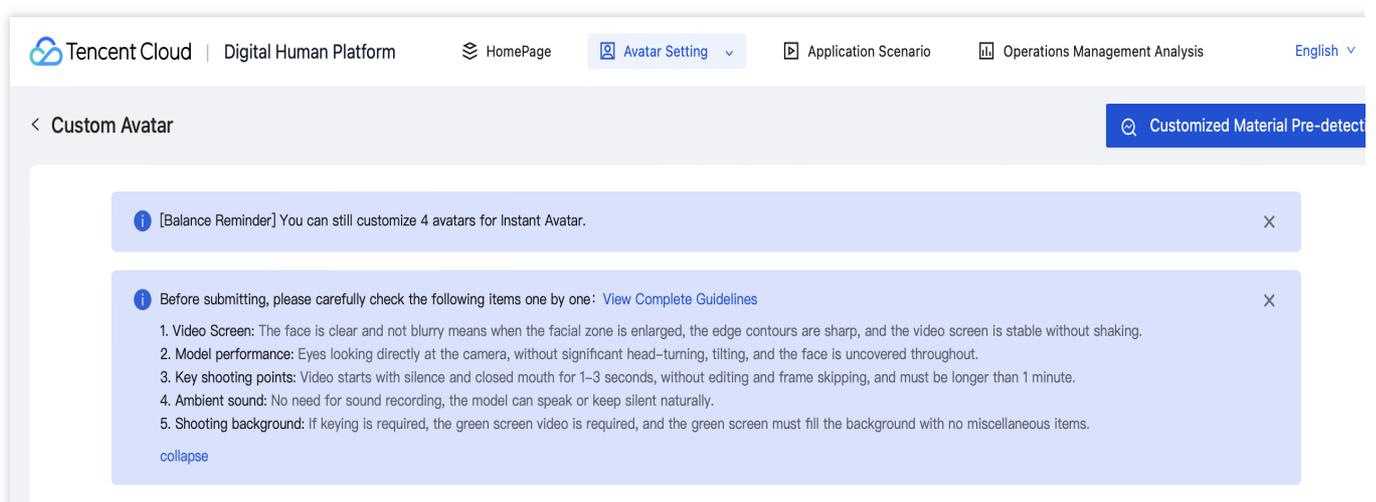
1.1. Quota Balance Check

Ensure that you have purchased the avatar customization services. If not, go to the [Product Purchase Page](#) to purchase the avatar customization production service.

If a prompt indicating no available quota appears at the top of the page, contact your account manager to confirm the activation status of your custom avatar and voice quotas.



If a prompt indicating sufficient quota balance appears at the top of the page, you may proceed to entering the custom content.



1.2. Information Entry and Upload Guide

Follow the prompts to fill in and upload the required information for custom avatars and voices.

The materials required for upload vary based on the customization content. The primary information to fill in and upload includes:

1) Basic Information

Digital human name: The name entered on the page will be used directly to name the custom avatar and voice.

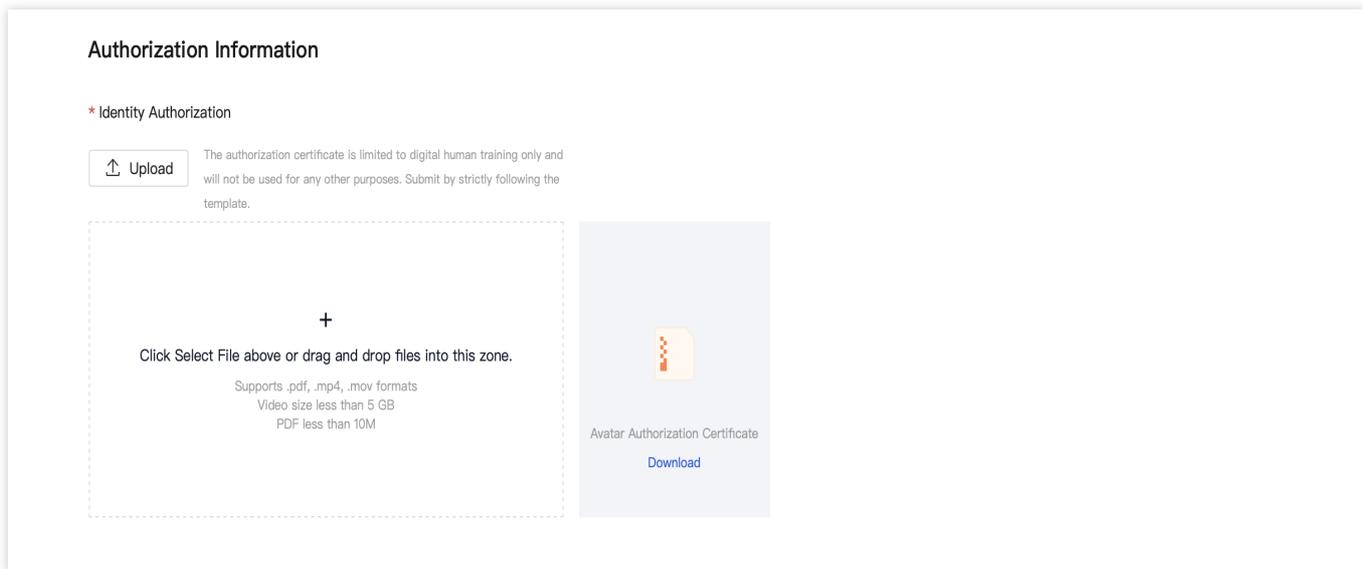
Avatar gender: This required field will determine the category of the voice after rack installation.

Customization type: This required field allows multiple options. Choosing options like Customized Image and VRS will display the respective upload forms for avatar and voice materials.

Remarks: Used to help distinguish between custom tickets for future reference.

2) Authorization Information

You need to download and sign the Image Authorization Letter on the right side of the page. The file should be in PDF format and less than 10 MB.



3) Avatar Materials

Video Background: Required.

Background Removal Required: (Remove the shooting background - green screen/white screen video, with support for background replacement.)

No Background Removal Required: (Keep the original shooting background without replacement. Choose this option for videos with a non-green screen and non-white background.)

Training Materials: See [Avatar Recording Guide](#) to ensure you fully understand the must-knows and FAQs for customization.

To ensure sufficient lip movement training materials, see the broadcast reference script on the right side of the page for recording guidance.

Each material is trained individually, and each digital human name will be defined based on the entered digital human name combined with the uploaded file name, such as Tom_White Shirt or Tom_Blue Suit. Name each file precisely according to clothing features to ensure clear differentiation.

Supports uploading 1 to 9 video materials; however, the actual number of uploads allowed depends on the current account's customization balance and cannot exceed the available quota.

Avatar Material

* Video Background

Require Keying Service Not Require Keying Service

After keying, the video background image can be changed through the digital human API service.

* Training Materials

Each material is trained independently, please strictly name and differentiate them according to clothing features.

To ensure adequate mouth shape training material, please see [Avatar Broadcast Reference Script](#) Record

+

Click Select File above or drag and drop files into this zone.

1. Video size no more than 5 GB, Duration no shorter than 1 minute and no longer than 10 minutes.
2. The video is in MP4 or MOV format.
3. Video resolution 1080P, 4K (3840*2160), aspect ratio conforms to 16:9 (9:16).
4. Video frame rate should not be less than 25 fps and not more than 60 fps.
5. The custom engine will automatically match your video materials with universal mouth shape data. Thus, the generated digital human may have differences in pronunciation mouth shape habits, and mouth shape appearance compared to the model. If you wish to achieve a mouth shape more consistent with that of the model, please select Custom Avatar (exclusive mouth shape).



4) Voice Materials

Training Materials

A single zip package is used to customize one timbre.

Timbre Material

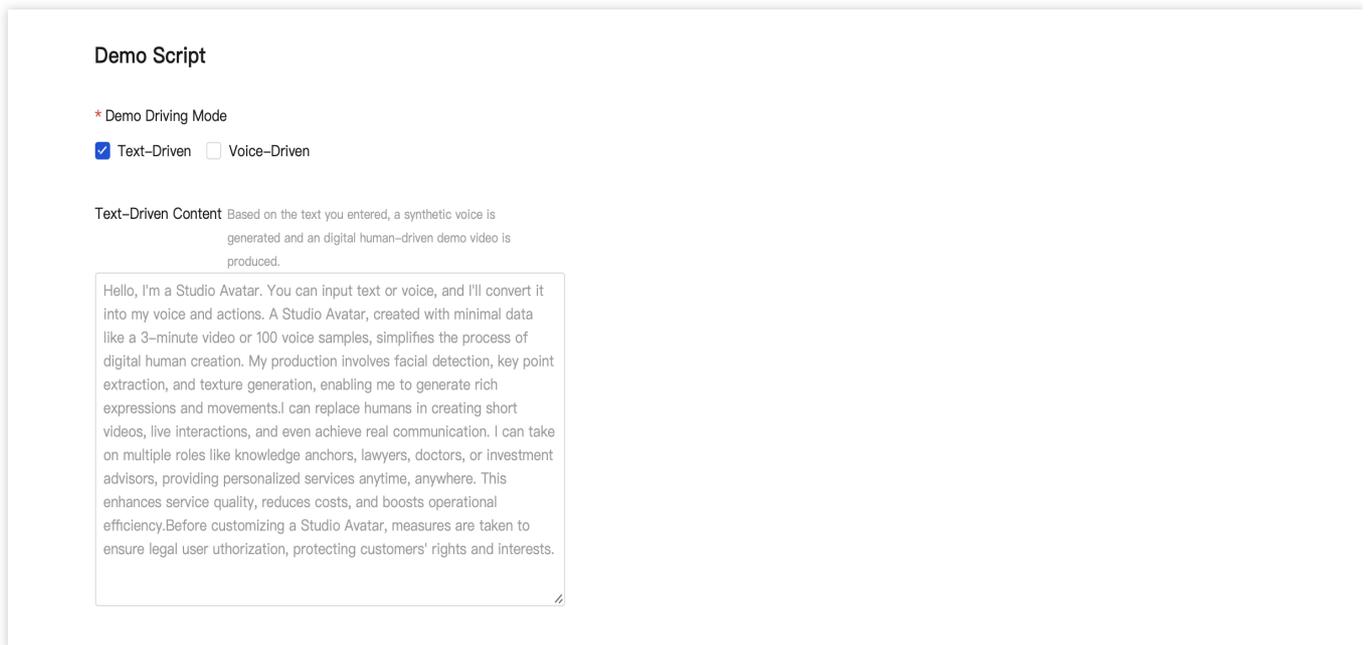
* Training Materials

+

Click Select File above or drag and drop files into this zone.

1. Support for uploading one audio file for customization, with a recommended audio duration of 10-30 seconds and no more than 20 MB
2. The audio formats supported are wav, mp3, aac, m4a, wma, and asf. The sampling rate must be greater than 16K. For compressed formats, the recommended bit rate is greater than 128kbps.
3. The audio file name should be between 2-50 characters and can only contain Chinese characters, letters, numbers, underscores, and hyphens.

5) Demo Script



Demo Driving Methods:

Text Driven: Generates a text-driven demo video based on the text you input and the selected timbre.

Default timbre: A standard public timbre will be selected by default for video synthesis;

Specified timbre: Allows customers to specify a timbre and speech rate for video synthesis;

Text-Driven content: You can modify the text content as needed.

Voice Driven: Generates a voice-driven demo video based on the audio you upload.

Quick Voice Cloning

Attempts to extract and quickly clone the voice from the video, additionally generating a text-driven demo;

Since the audio quality in the video cannot be guaranteed, quick voice cloning may occasionally fail;

If the voice clone fails, the system will attempt to use the audio from the video directly to generate a voice-driven demo.

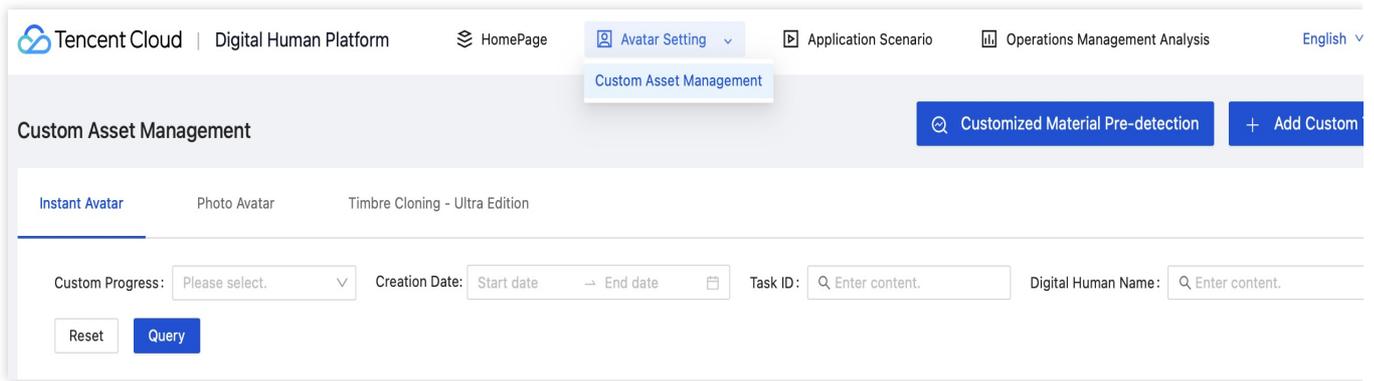
This demo will not affect the normal synthesis of other demos.

1.3. Material Submission

Once submission is confirmed, your custom quota will be deducted, and the delivery team will proceed with the customization.

II. Viewing and Managing Customization Progress

After submitting materials for training, go to the Custom Asset Management page to view the submission and review progress. Access path: **Home > Image Setting > Custom Asset Management.**

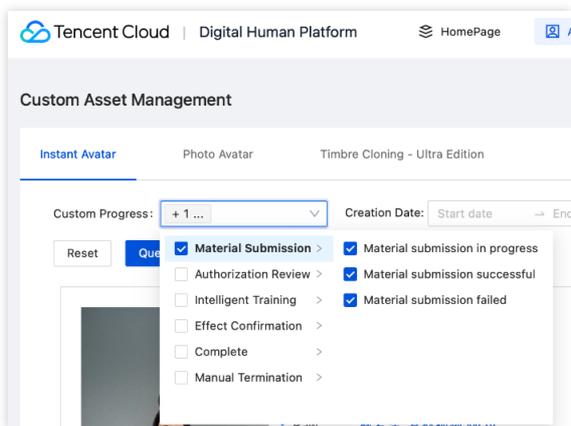


You can view your submitted custom task list categorized by asset type. Detailed operation guides for each type of asset customization are as follows:

2.1. Instant Avatar

1) Customization Progress Overview

The customization of Instant Avatar primarily includes the following stages. Some stages, such as material submission, authorization review, and effect confirmation, may require your participation, while the remaining stages are automated and need no operation from you. You can quickly filter specific custom tasks with **Customization Progress** or **Digital Human Name**.



You can use the progress bar to check the current status of the custom task.

Instant Avatar
Photo Avatar
Timbre Cloning - Ultra Edition

Custom Progress: + 1 ...

Creation Date: Start date → End date

Reset

Query



[Instant Avatar]

- Task ID: 12840
- Creation Time: 2024-10-18 18:23:08
- Gender: Female
- Raw Material:
- Video Chroma Key: Not require to remove background
- Authorized [国际授权协议.pdf](#)

Material submission successful

10-18 18:29

Review approved

10-18 18:29

Intelligent training completed

10-18 19:25

Effect confirmation passed

10-21 11:18

Complete

10-21 11:18

View Demo

Notes:

Compared to Studio Avatar, Instant Avatar is more time-sensitive in customization. Therefore, we will only conduct an identity authorization review for the model and will not review the dimensions, visuals, lighting, or actions of your avatar materials. Ensure the quality of these materials independently.

2) Material Submission Stage

If the material submission fails, hover over the red dot with your mouse pointer to view the reason for the failure. Then, click **Resubmit** to go to the material upload page.

If you submitted multiple materials in batch for avatar customization and only some of them fail, clicking **Resubmit** will only require you to re-submit the failed materials.

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2D Small - Sample General Lip-sync

- Task ID : 800
- Creation time : 2023-11-13 15 : :06 : :38
- Gender: Female
- Original materials: 65 movements of Xiaohai.mp4

The picture is not clear; there is no initial silence; the camera shakes; the video is too short, less than 3 - 5 minutes; the quality of the original video is poor.

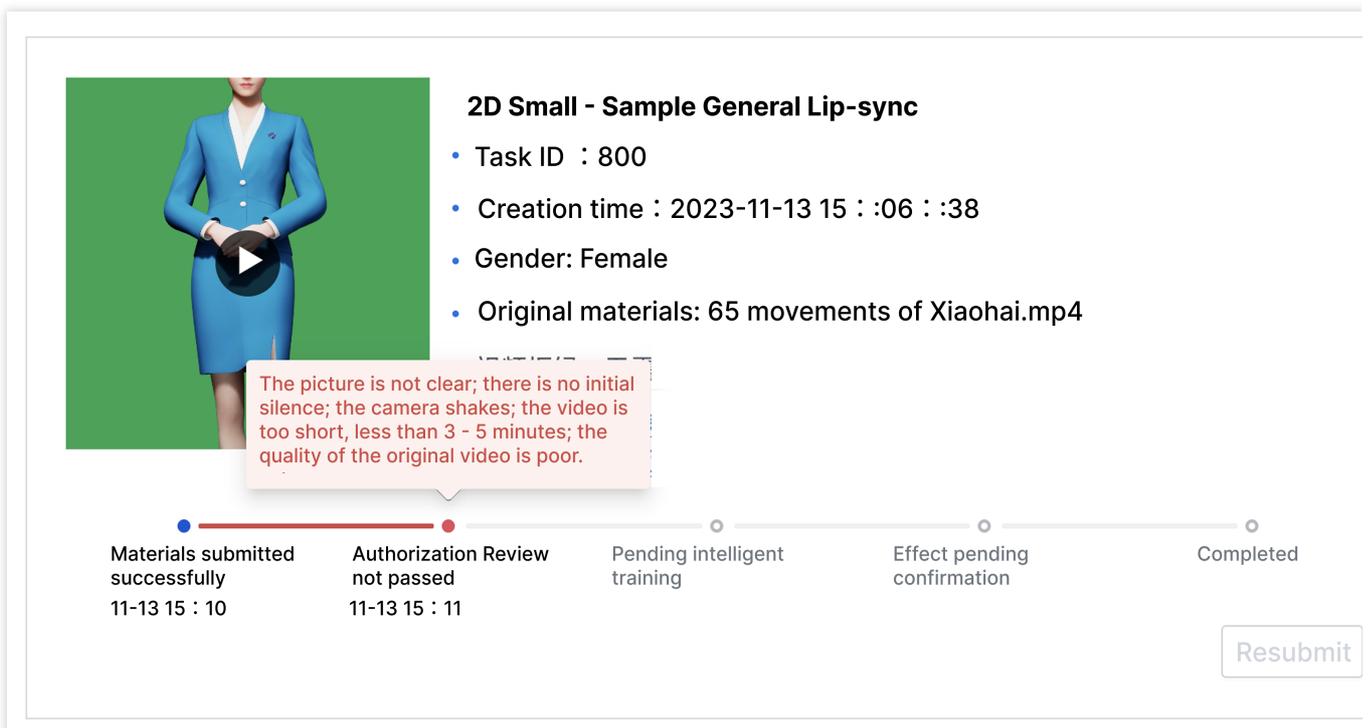
Materials submitted successfully 11-13 15 : 10 | Authorization Review not passed 11-13 15 : 11 | Pending intelligent training | Effect pending confirmation | Completed

[Resubmit](#)

3) Authorization Review Stage

If a message indicating Audit not passed appears, hover over the red dot with your mouse pointer to view the reason for disapproval, then click **Resubmit** to upload the revised material.

The authorization review is typically completed within three business days and the results will be automatically sent to you once finished. No follow-up is necessary.



2D Small - Sample General Lip-sync

- Task ID : 800
- Creation time : 2023-11-13 15 : :06 : :38
- Gender: Female
- Original materials: 65 movements of Xiaohai.mp4

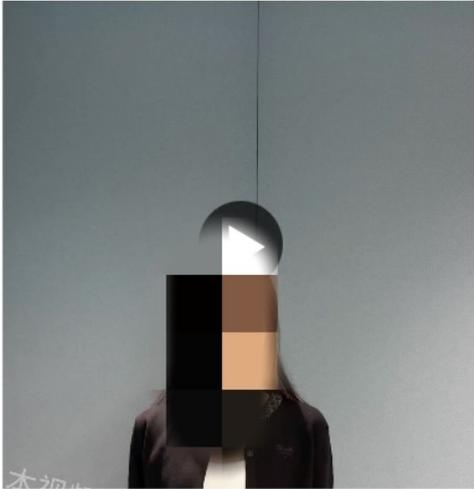
The picture is not clear; there is no initial silence; the camera shakes; the video is too short, less than 3 - 5 minutes; the quality of the original video is poor.

Materials submitted successfully 11-13 15 : 10 | Authorization Review not passed 11-13 15 : 11 | Pending intelligent training | Effect pending confirmation | Completed

[Resubmit](#)

4) Effect Confirmation Stage

Click **Confirm** to go to the Image Customization Effect Confirmation page and view the custom demo results.



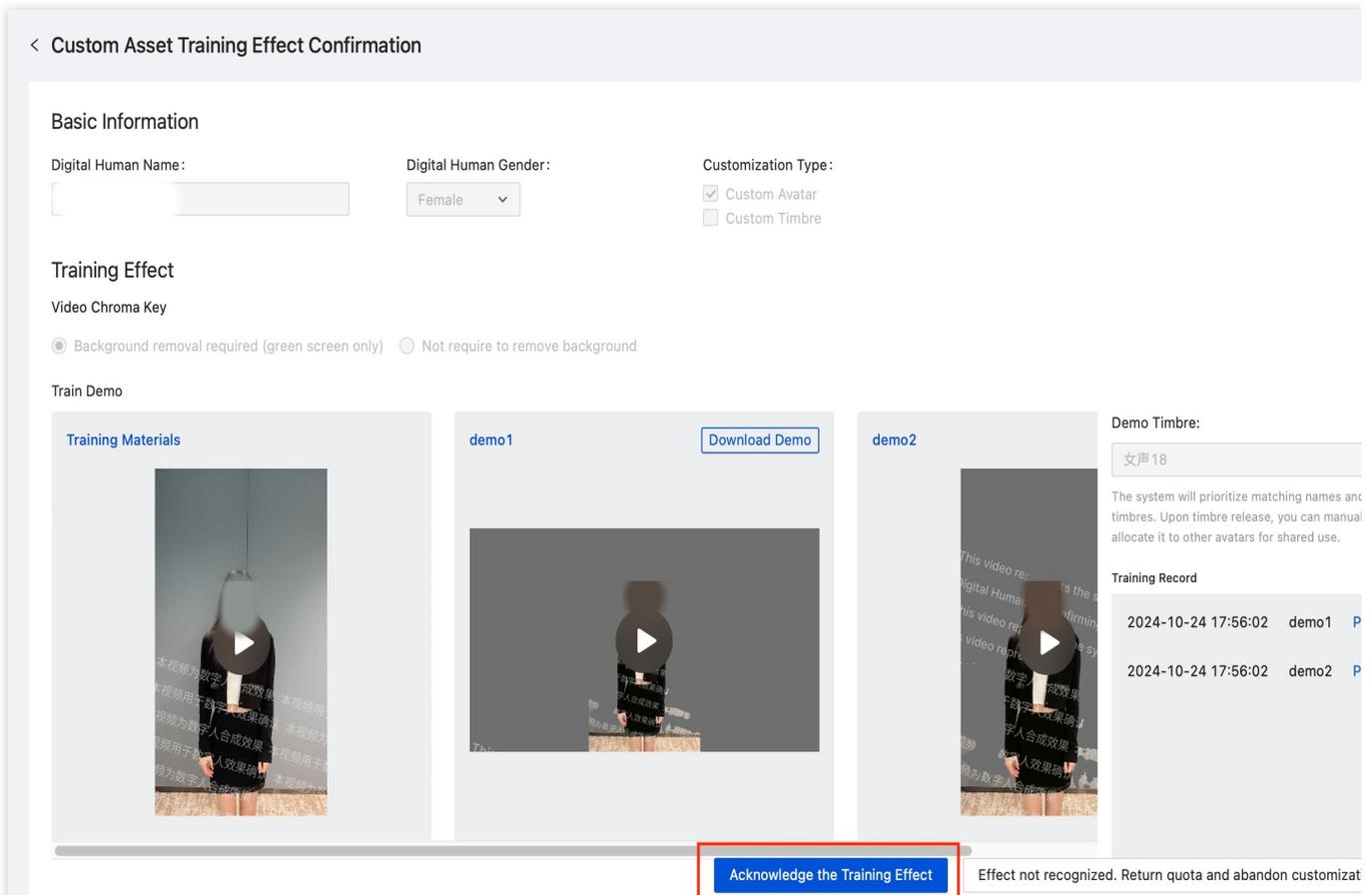
[Instant Avatar]

- Task ID: 12864
- Creation Time:2024-10-24 16:07:33
- Gender: Female
- Raw [8f8915fdd56f4d6e97... .mp4](#)
Material:
- Video Chroma Require to remove
Key: background
- Authorized[国际授权协议.pdf](#)
Material:

Material submission successful 10-24 16:09	Review approved 10-24 16:09	Intelligent training completed 10-24 17:59	Pending effect confirmation	Complete
---	--------------------------------	---	-----------------------------	----------

Confirm

If you are satisfied with the results, click **Acknowledge Training Effect** to trigger the automatic rack installation process. Within a few minutes, the avatar will appear in your avatar assets for further use.



If you are unsatisfied with the customization results, click **Disapprove Effects, Return Quota, and Abandon Customization** to terminate the customization process. The corresponding custom quota for this task will automatically be refunded to your account.

Notes:

The Instant Avatar model is not an exclusive training model; therefore, without altering the avatar training materials, it is not possible to achieve better training results by resubmitting for retraining.

The custom engine for Instant Avatar will automatically match your video materials with general lip movement data. Therefore, the generated digital human may have pronunciation differences in lip movement habits and appearance compared to the model. If you wish to achieve a lip movement more consistent with that of the model, select Studio Avatar.

2.2. Photo Avatar

1) Customization Progress Overview

The customization of Photo Avatar primarily includes material submission, review, and intelligent training stages, all of which are automated processes.

You can use the progress bar to check the current status of the custom task.



[Photo Avatar]KKK

- Task ID: 12872
- Creation Time: 2024-10-29 16:13:49
- Gender: Female
- Raw [Coffee.png](#)

Material:



<p>Material submission successful 10-29 16:14</p>	<p>Review approved 10-29 16:16</p>	<p>Intelligent training completed 10-29 16:16</p>	<p>Complete 10-29 16:16</p>
---	--	---	---------------------------------

2) Material Submission Failure

In this stage, failure may occur if the material format does not meet the requirements. Hover over the red dot with your mouse pointer to view the reason for the failure. Then, click **Resubmit** to go to the material upload page.

3) Authorization Review Stage

In this stage, failure may occur if the material contains sensitive information or if the face is not detected. Hover over the red dot with your mouse pointer to view the reason for disapproval. Then, click **Resubmit** to upload the revised material.

4) Intelligent Training Completion

After training is complete, the Photo Avatar will automatically be delivered to your avatar assets for further use.

Note: Photo Avatars are designed for low-cost and quick turnaround. Typically, they are ready for use within 10 minutes after material submission.

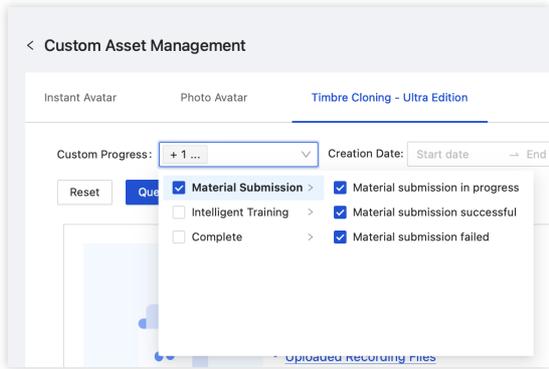
After the intelligent image training is completed, the assets will be automatically issued to the participants' accounts. Quotas will not be returned.

2.3. Avatar Voice Clone - Ultra Edition

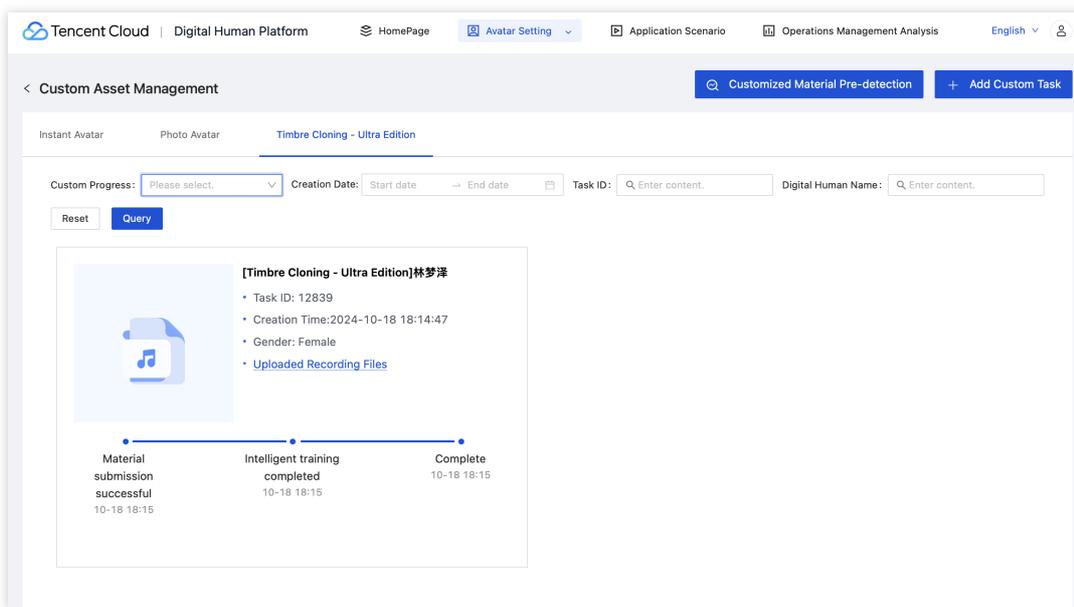
1) Customization Progress Overview

The customization of Voice Clone primarily includes the following stages, all of which are automated and require no operation from you. You can quickly filter specific custom tasks by **Customization Progress** or **Digital Human**

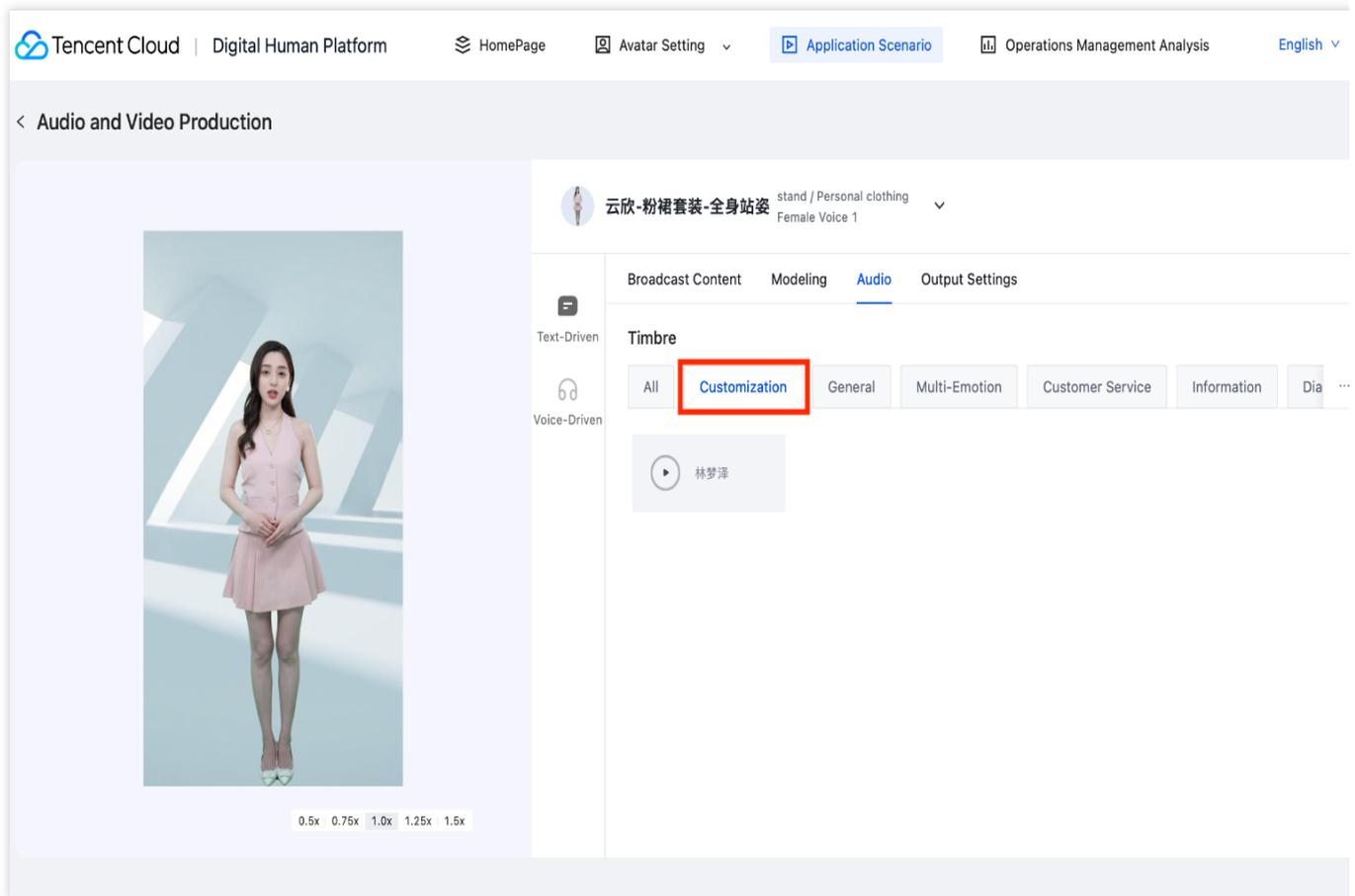
Name.



You can use the progress bar to check the current status of the custom task. Once materials are submitted, customization is typically completed within 10 minutes.



2) Once customization is complete, you can use your synthesized audio or create digital human broadcasting videos in the **Digital Human Platform > Scenario Application > Audio and Video Broadcasting module**.



2.4. Detailed Explanation for Demo Confirmation

For Instant Avatar, we provide the following demo options during the effect confirmation stage for customers to review, including:

1. Text-driven demo: A text-driven video generated using the specified script content and the specified timbre;
2. Voice-driven demo: A voice-driven video generated using the specified audio;
3. Quick voice clone demo: A text-driven video generated by extracting and quickly cloning the voice from the video;
4. Silent preview video: This video consists of all selected video segments for the avatar. You can also retrieve it via the ReferenceVideoSegmentUrl in the Personal Asset Management API > [Sample Persona List Interface](#).

Once the automatic rack installation process is complete, the avatar or voice will appear in your personal assets. Tencent Cloud will send a notification via the message center, email, or SMS. For example, take 2D Avatar as an example.

1) Message Center Notification:

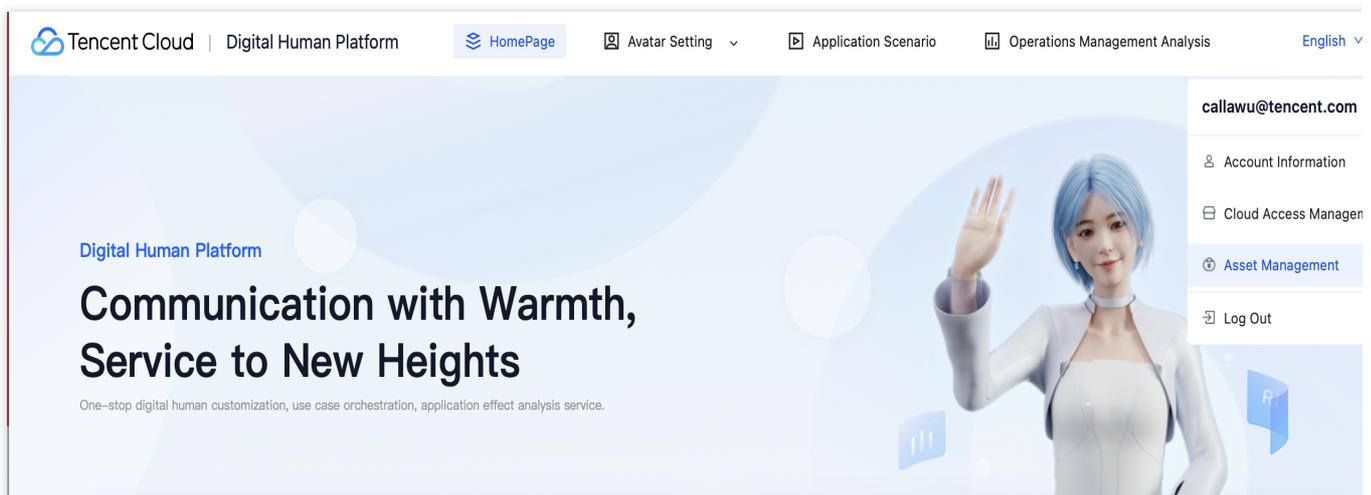
Personal Asset Management

Last updated : 2024-11-19 14:47:08

Page Entrance

Through the Tencent Cloud AI Digital Human (TCADH) platform, click your profile icon in the upper-right corner to access the Asset Management page.

On the Personal Asset page, you can apply for asset allocation, view asset information, and view and manage various assets within their account, including avatar assets, timbre assets, service assets, and custom quotas.



Personal Asset Information

In Basic Information, you can view their custom quotas, avatar assets, audio assets, and service assets, obtaining a clear overview of their account assets.

Tencent Cloud | Digital Human Platform | HomePage | Avatar Setting | Application Scenario | Operations Management Analysis | English

Asset Management

You can view and manage your Tencent Cloud Digital Human Asset.

Basic Information

Customer Name: _____ UIN: _____ Account Type: _____ Root Account: _____
 AppKey: _____ AccessToken: _____

Customizable Quota Available

- 2 Avatar
- 2 Timbre Cloning - Basic Edition
- 2 Available Root Account Quantity
- 2 Available Root Account Quantity

In-Use Avatar Assets

19 Custom Avatar 4 Avatar Rental

In-Use Timbre Assets

125

2024/10/31 16:14:59 About to Expire

In-Use Service Assets

- 1 Concurrent Task
- 9 Hours of Broadcast Duration
- 1 Available Root Account Quantity
- 9 Available Root Account Duration

To view details for each asset individually, click a specific asset type.

Custom Quota

View your subscribed custom quotas for 2D avatars, including quota type, validity period, remaining assets, and usage records.

Custom Quota | Avatar Assets | Audio Assets | Service Assets | Custom On-shelf Service

Quota Type	Total Activation Quantity	Remaining	Total Consumption	Effective Time	Expiration Time	Quota Source	Consumption Record
Instant Avatar	4	3	1	2024-10-17 16:12	2025-10-17 16:12	Offline Ordering	View
Timbre Cloning - Ultra Edition	2	1	1	2024-10-17 16:13	2025-10-17 16:13	Offline Ordering	View
Timbre Cloning - Basic Edition	1	1	0	2024-10-21 10:24	2025-10-21 10:24	Offline Ordering	View
Photo Avatar	2	1	1	2024-10-24 11:20	2025-10-24 11:20	Offline Ordering	View

Total data items: 4 < 1 > 10 / page

Avatar Assets

View your leased standard avatars and custom exclusive avatars, with the option to set a default timbre for each avatar.

Custom Quota <u>Avatar Assets</u> Audio Assets Service Assets Custom On-shelf Service									
							Digital Hum... ▾	<input type="text"/>	Renew Custom Avatar
Digital Human Name	Modeling	Purchase Type ▾	Avatar types ▾	Default Timbre	Thumbnail	Resolution	virtualmanKey	Operation	
云凡-西装套裙-横屏半身站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	0c5d012d6edd5aa6507cb35929db776a	View App Data Renew	
云熙-黑色西装-站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	ff23329889a3978c35ccbe47917de25e	View App Data Renew	
云欣-粉裙套装-半身站姿-侧	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	0aed3372c2f81add203eecd820d77e85	View App Data Renew	
云欣-粉裙套装-全身站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	b2496a23b0ac683e275816c00ecbae46	View App Data Renew	

Audio Assets

View your leased standard timbres and custom exclusive voices, with options to set global speed and gain for voices. You can also renew custom timbres.

Custom Quota Avatar Assets **Audio Assets** Service Assets Custom On-shelf Service

Enter the timbre n...

Timbre Name	Purchase Type ▾	Timbre Type ▾	Sample Audiodemo	AssetsID	Created by	Effective Time ↕	Expires	Speech Speed Gain	Operation
Male Voice 1	Timbre Rental	Premium Timbre		male_1	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 2	Timbre Rental	Premium Timbre		male_2	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 3	Timbre Rental	Premium Timbre		male_3	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 4	Timbre Rental	Premium Timbre		male_4	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 5	Timbre Rental	Premium Timbre		male_5	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 6	Timbre Rental	Premium Timbre		male_6	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 7	Timbre Rental	Premium Timbre		male_7	-	2023-08-25 00:00	2050	Medium ▾	

Service Assets

View details of your subscribed service assets, including supported avatar types, validity period, and remaining assets.

Custom Quota Avatar Assets Audio Assets **Service Assets** Custom On-shelf Service

Purchase Type ▾	Avatar types ▾	Total Activation Quantity	Remaining	Total Consumption	Effective Time ↕	Expiration Time ↕	Service Source
Broadcast Hour Package	Instant Avatar	600 minutes	596 minutes	5 minutes	2024-10-17 16:13	2025-10-17 16:13	Offline Order
Interactive Concurrency	Instant Avatar	1	--	--	2024-10-17 16:14	2024-10-31 16:14 Expired	Offline Order
Broadcast Hour Package	Photo Avatar	1 minute	0 minutes	1 minute	2024-10-29 17:12	2025-10-29 17:13	Offline Order

Total data items: 3 < **1** > 10 / page

On-shelf Service Customization

View details of your subscribed on-shelf services, including quota types, remaining amounts, effective time, and allocable amounts. Note: Quotas are valid for one year from the date of purchase and should be used within the effective period.

Note:

2D avatar - studio avatar allows for the renewal of on-shelf services for custom studio avatars.

2D avatar - instant avatar allows for the renewal of on-shelf services for custom instant avatars.

3D avatar supports the renewal of on-shelf services for custom avatars in styles including 3D cartoon, 3D semi-realistic, and 3D realistic.

Voice clone supports the renewal of on-shelf services for the Voice Clone - Basic Edition.

Custom Quota	Avatar Assets	Audio Assets	Service Assets	Custom On-shelf Service		
Quota Type	Remaining/ Total Activation Quantity	Total Consumption	Effective Time	Expiration Time	Quota Source	Consumption Record
 No Data						

On-Shelf Service Package Renewal

Renew on-shelf services for customer avatar assets and timbre assets. For a detailed operation guide, see [Asset Renewal Management](#).

Custom Quota	<u>Avatar Assets</u>	Audio Assets	Service Assets	Custom On-shelf Service					Renew Custom Avatar
Digital Human Name	Modeling	Purchase Type ▾	Avatar types ▾	Default Timbre	Thumbnail	Resolution	virtualmanKey	Operation	
云凡-西装套裙-横屏半身站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	0c5d012d6edd5aa6507cb35929db776a	View App Data Renew	
云熙-黑色西装-站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	ff23329889a3978c35ccbe47917de25e	View App Data Renew	
云欣-粉裙套装-半身站姿-侧	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	0aed3372c2f81add203eecd820d77e85	View App Data Renew	
云欣-粉裙套装-全身站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	b2496a23b0ac683e275816c00ecbae46	View App Data Renew	

Sub-user Asset Management

Note:

Sub-users are granted access permission on all assets under the root account by default. If you require asset permission isolation for sub-users, contact us to enable the sub-user asset management feature.

Once this feature is enabled, the root account can centrally manage and allocate assets on the asset management page.

The sub-user asset management feature primarily includes:

Enabling the root account to allocate digital human assets to sub-users. The scope of asset allocation includes:

Custom quotas: Allows the root account to allocate avatar/voice clone quotas to sub-users. After allocation, sub-users can use these quotas to customize the avatar or voice, with the customized avatar or timbre assets automatically allocated to the sub-user by default.

Avatar assets: Allows the root account to allocate all leased or custom 2D and 3D avatars to sub-users; allocation of 2D premium avatars is currently not supported.

Audio assets: Allows the root account to allocate custom timbres to sub-users; leased timbres do not require allocation, as sub-users are granted access to all leased timbres by default.

Service assets: Allows the root account to allocate broadcasting hour packages, voice synthesis hour packages, streaming concurrency, and broadcasting concurrency to sub-users.

Enabling asset isolation between sub-users:

Each sub-user can only view and use the assets allocated to them.

Each sub-user's generated broadcasting videos and interactive digital human projects are isolated from one another.

The root account, however, has access to view all data.

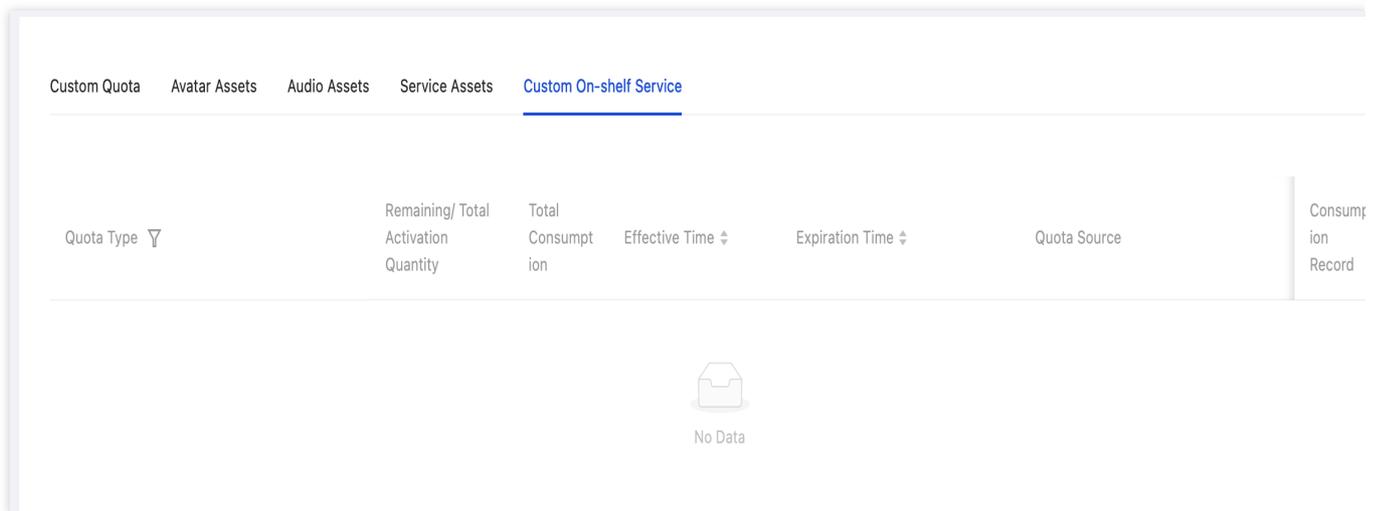
Asset Renewal Management

Last updated : 2024-11-19 14:49:48

The TCADH platform supports renewal management for on-shelf services of custom avatars and voice clone assets. For a detailed operation guide, see the sections below.

View Asset

1. Go to the [Digital Human Platform - Asset Management](#) page to view the status of renewal assets under **Customized Services**.



Custom Quota	Avatar Assets	Audio Assets	Service Assets	Custom On-shelf Service						
Quota Type ▾			Remaining/ Total Activation Quantity	Total Consumption	Effective Time ↕	Expiration Time ↕	Quota Source			Consumption Record
 No Data										

The avatars supported for renewal vary by quota type. See the details below:

2D avatar - studio avatar supports renewing on-shelf services for custom studio avatars and 4K avatars.

2D avatar - instant avatar supports renewing on-shelf services for custom instant avatars.

3D avatar supports renewing on-shelf services for custom avatars in styles including 3D cartoon, 3D semi-realistic, and 3D realistic.

Voice clone supports renewing on-shelf services for cloned voices.

2. The on-shelf service package can be purchased on the [Digital Human Purchase](#) page and is available only as a monthly subscription. For annual renewals, you may opt to purchase 12 consecutive monthly packages in a single transaction. Note that the on-shelf service package is valid for one year from the purchase date and cannot be used after its expiration.

3. To view the consumption status of the corresponding quota, you click **View** to check the details.

Single Asset Renewal

To renew a single avatar or timbre asset for one month, click **renew** in the asset operation column for a quick renewal. The detailed steps are as follows:

Custom Avatar Renewal

Go to the avatar asset list and identify the avatar for renewal by **selecting or searching** for the name/VK of the digital human. Then, click **renew** in the operation column.

Custom Quota <u>Avatar Assets</u> Audio Assets Service Assets Custom On-shelf Service								
Digital Human Name	Modeling	Purchase Type ▾	Avatar types ▾	Default Timbre	Thumbnail	Resolution	virtualmanKey	Operation
云凡-西装套裙-横屏半身站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	0c5d012d6edd5aa6507cb35929db776a	View App Data Renew
云熙-黑色西装-站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	ff23329889a3978c3fcbe47917de25e	View App Data Renew
云欣-粉裙套装-半身站姿-侧	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	0aed3372c2f81add2f3eecd820d77e85	View App Data Renew
云欣-粉裙套装-全身站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	b2496a23b0ac683e275816c00ecbae46	View App Data Renew

After you click **renew**, a secondary confirmation is required. Click **Confirm** to proceed, which will deduct the corresponding quota from the on-shelf service package. The validity period of the selected avatar will then be extended by one month.

Voice Clone Renewal

Go to the timbre asset list and identify the avatar for renewal by selecting or searching for the voice name. Then, click **renewal** in the operation column.

Custom Quota Avatar Assets <u>Audio Assets</u> Service Assets Custom On-shelf Service									
Timbre Name	Purchase Type ▾	Timbre Type ▾	Sample Audiodemo	AssetsID	Created by	Effective Time ↕	Expires	Speech Speed Gain	Operation
Male Voice 1	Timbre Rental	Premium Timbre		male_1	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 2	Timbre Rental	Premium Timbre		male_2	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 3	Timbre Rental	Premium Timbre		male_3	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 4	Timbre Rental	Premium Timbre		male_4	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 5	Timbre Rental	Premium Timbre		male_5	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 6	Timbre Rental	Premium Timbre		male_6	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 7	Timbre Rental	Premium Timbre		male_7	-	2023-08-25 00:00	2050	Medium ▾	

After you click **renew**, a secondary confirmation is required. Click **confirm** to proceed, which will deduct the corresponding quota from the on-shelf service package. The validity period of the selected timbre will then be extended by one month.

Others

If there are no effective, available on-shelf service packages, the renewal button will be grayed out and unclickable. You can purchase the relevant on-shelf service assets on the purchase page as needed for your business.

Custom Quota Avatar Assets Audio Assets Service Assets Custom On-shelf Service								
							Digital Hum... <input type="text"/>	<input type="button" value="Renew Custom Avatar"/>
Digital Human Name	Modeling	Purchase Type ▾	Avatar types ▾	Default Timbre	Thumbnail	Resolution	virtualmanKey	Operation
云凡-西装套裙-横屏半身站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	0c5d012d6edd5aa6507cb35929db776a	View App Data Renew
云熙-黑色西装-站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	ff23329889a3978c3f3ccbe47917de25e	View App Data Renew
云欣-粉裙套装-半身站姿-侧	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	0aed3372c2f81add2f3eecd820d77e85	View App Data Renew
云欣-粉裙套装-全身站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	b2496a23b0ac683e275816c00ecbae46	View App Data Renew

Batch Asset Renewal

For long-term renewal of a single avatar or batch renewal of multiple avatars, you can use the batch asset renewal feature. For a detailed operation guide, see the sections below.

Custom Avatar Renewal

Go to the list of avatar assets and click the **renew custom image** button next to the search box.

Custom Quota **Avatar Assets** Audio Assets Service Assets Custom On-shelf Service

Digital Hum... [Renew Custom Avatar](#)

Digital Human Name	Modeling	Purchase Type ▾	Avatar types ▾	Default Timbre	Thumbnail	Resolution	virtualmanKey	Operation
云凡-西装套裙-横屏半身站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	0c5d012d6edd5aa6507cb35929db776a	View App Data Renew
云熙-黑色西装-站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	ff23329889a3978c35ccbe47917de25e	View App Data Renew
云欣-粉裙套装-半身站姿-侧	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	0aed3372c2f81add2f3eecd820d77e85	View App Data Renew
云欣-粉裙套装-全身站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. ▾		1080x1920	b2496a23b0ac683e275816c00ecbae46	View App Data Renew

On the renewal page, you can search for the name/VK of the digital human to locate the avatar, and then select the corresponding avatar by checking the box.

Custom Quota **Avatar Assets** Audio Assets Service Assets Custom On-shelf Service

Digital Hum...

Renewal Duration (Years)	Digital Human Name	Modeling	Purchase Type	Avatar types	Default Timbre	Thumbnail	Resolu
<input type="checkbox"/> 1	云凡-西装套裙-横屏半身站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. v		1080)
<input type="checkbox"/> 1	云熙-黑色西装-站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. v		1080)
<input type="checkbox"/> 1	云欣-粉裙套装-半身站姿-侧	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. v		1080)
<input type="checkbox"/> 1	云欣-粉裙套装-全身站姿	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. v		1080)
<input type="checkbox"/> 1	云瑾-旗袍-坐姿访谈-侧	Personal clothing/stand	Custom Avatar	Instant Avatar	Not set. v		1920)

Total data items: 15

< 1 2 > 10 / page v Go to Pag

You can set different renewal durations for each avatar, with one quota corresponding to a renewal period of one month. The selected avatars' renewal duration should not exceed the total available quota. If the quota is insufficient, additional purchases are required.

Click **Confirm Renewal** to proceed to the secondary confirmation page. This page displays the list of custom avatars selected for renewal and allows you to adjust the renewal duration and selected avatars as needed.

To add additional custom avatars, click **Cancel** to return to the previous page.

After you verify the details, click **Confirm** to proceed to the renewal result list, which will display the final renewal outcome. Click **Complete** to exit the renewal process.

Voice Clone Renewal

Go to the list of voice assets and click the **Renew Replicated Sound** button next to the search box.

Custom Quota Avatar Assets **Audio Assets** Service Assets Custom On-shelf Service

Timbre Name	Purchase Type ▾	Timbre Type ▾	Sample Audiodemo	AssetsID	Created by	Effective Time ↕	Expire	Speech Speed Gain	Operat ior
Male Voice 1	Timbre Rental	Premium Timbre		male_1	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 2	Timbre Rental	Premium Timbre		male_2	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 3	Timbre Rental	Premium Timbre		male_3	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 4	Timbre Rental	Premium Timbre		male_4	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 5	Timbre Rental	Premium Timbre		male_5	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 6	Timbre Rental	Premium Timbre		male_6	-	2023-08-25 00:00	2050	Medium ▾	
Male Voice 7	Timbre Rental	Premium Timbre		male_7	-	2023-08-25 00:00	2050	Medium ▾	

On the renewal page, you can search for the timbre name to locate the timbre for renewal, and then select the corresponding timbre by checking the box.

Custom Quota Avatar Assets **Audio Assets** Service Assets Custom On-shelf Service

Enter the timbre n... Renewal for Custom Timbre

Renewal Duration (Years)	Timbre Name	Purchase Type	Timbre Type	Sample Audiodemo	AssetsID	Created by	Speech Speed Gain	
<input type="checkbox"/>	1	Tender Child Voice	Custom Timbre	Premium Timbre		dragon	-	Medium
<input type="checkbox"/>	1	Female Voice 26	Custom Timbre	Premium Timbre		db_fangyan_nv	-	Medium
<input type="checkbox"/>	1	Cute Child Voice	Custom Timbre	Premium Timbre		luka_new_timbre	-	Medium
<input type="checkbox"/>	1	Sunny	Custom Timbre	Premium Timbre		tts_eng_female_01	-	Medium
<input type="checkbox"/>	1	林梦泽	Custom Timbre	Timbre Cloning - Ultra Edition		zshot_12796	Root Account	Medium

Total data items: 5

< 1 > 10 / page

You can set different renewal durations for each timbre, with one quota corresponding to a renewal period of one month. The selected avatars' renewal duration should not exceed the total available quota. If the quota is insufficient, additional purchases are required.

Click **Confirm Renewal** to proceed to the secondary confirmation page. This page displays the list of cloned voices selected for renewal and allows you to adjust the renewal duration and selected voices as needed.

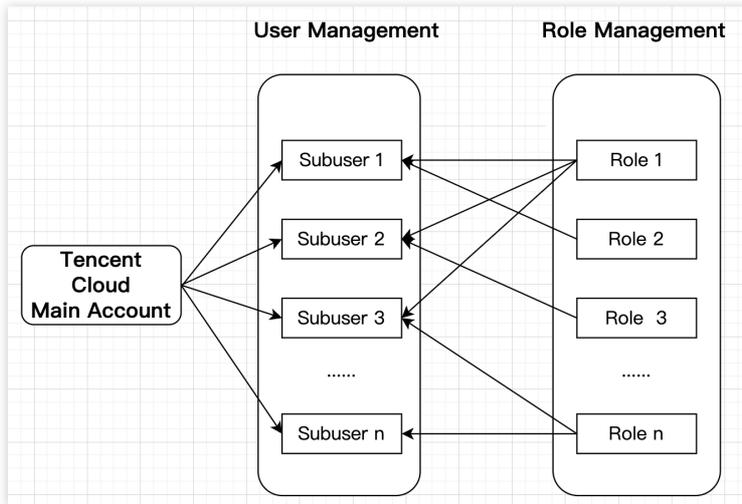
To add additional cloned voices, click **Cancel** to return to the previous page.

After you verify the details, click **Confirm** to proceed to the renewal result list, which will display the final renewal outcome. Click **Complete** to exit the renewal process.

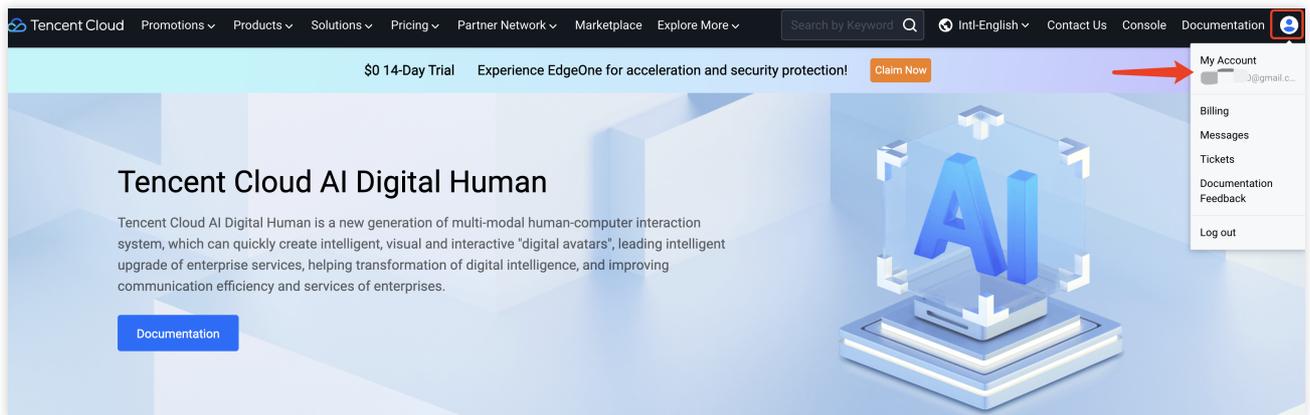
Sub-user and Permission Management

Last updated : 2024-11-19 19:48:47

A Tencent Cloud root account can create multiple sub-users and assign different role permissions to each sub-user, enabling permission control within the TCADH platform, as shown in the diagram below:



Permission management entry: Access the [Tencent Cloud Intelligent Console](#) of the TCADH platform via the root account, and then navigate to Account in the upper-right corner, as shown in the diagram below:



In the lower-left corner of the page, under Team Management, select Quickly Create Sub-users.

Team Management [Quick Access to CAM](#)

Create sub-users in [CAM](#) for your team members to manage their access to cloud resources.

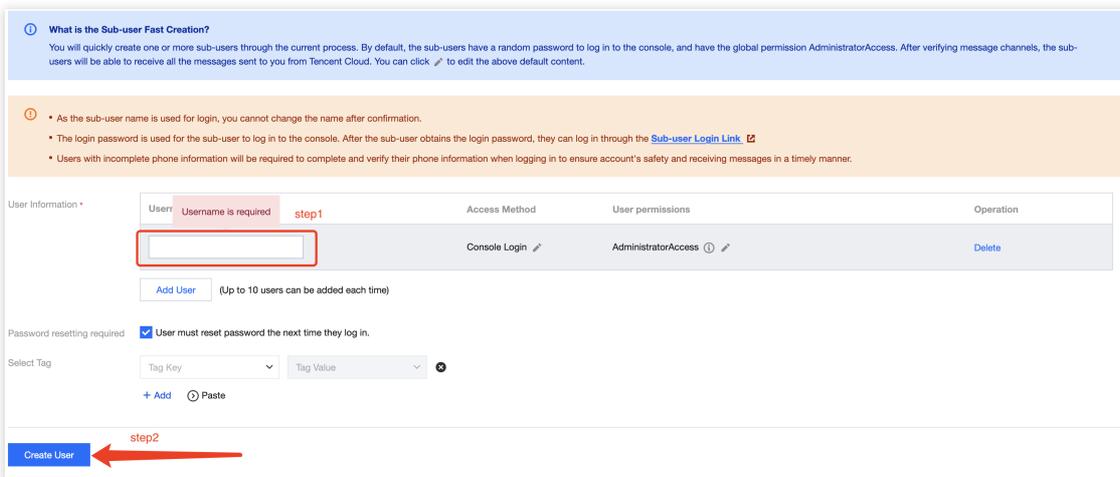
Sub-Accounts **22 units** [Create a sub-user](#)

Custom Policies **0 units** [Create a permission policy](#)

I. User Management

1. Adding a User

The main steps for adding a user are as follows:



After creation, make sure to save the username and password.

User created successfully

The current user will use the console login password. If you require the user to reset their password upon the next login, ensure that you inform them to adhere to the [password rules](#) and set a new password that complies with the standards

User Information [Download CSV File](#)

Username	Password	Key	Operation
Telkomsel	**** Show	SecretId: - SecretKey: -	Copy Send

Permission Information

Policy Name	Policy Description
AdministratorAccess	This policy allows you to manage all users under your account and their permissions, financial information and cloud assets.

Total items: 1 10 / page 1 / 1 page

2. Confirming Sub-user Addition

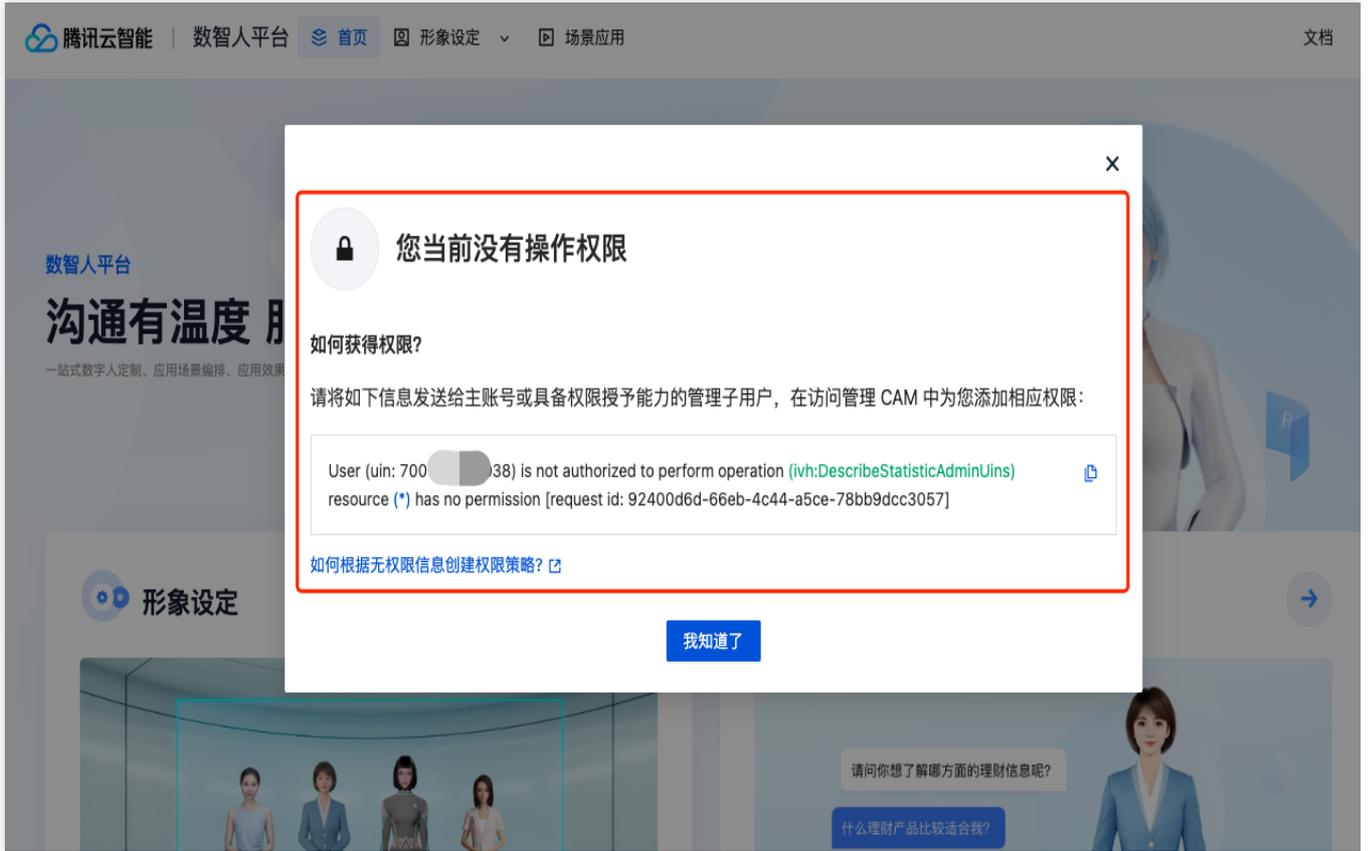
Return to the User List page and refresh it to view the created sub-user.

Once the sub-user has been successfully added, you can assign a role to the user.

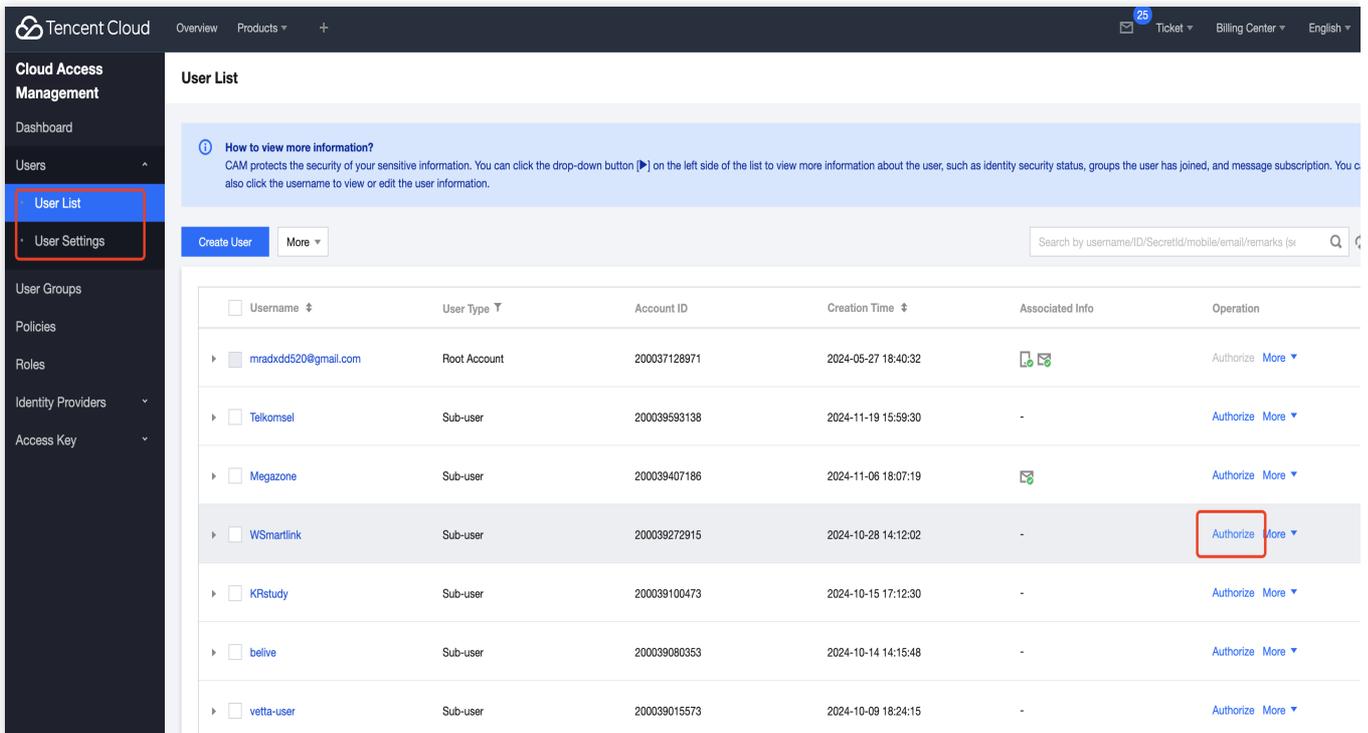
II. Sub-account Management

1. Authorizing a Sub-account

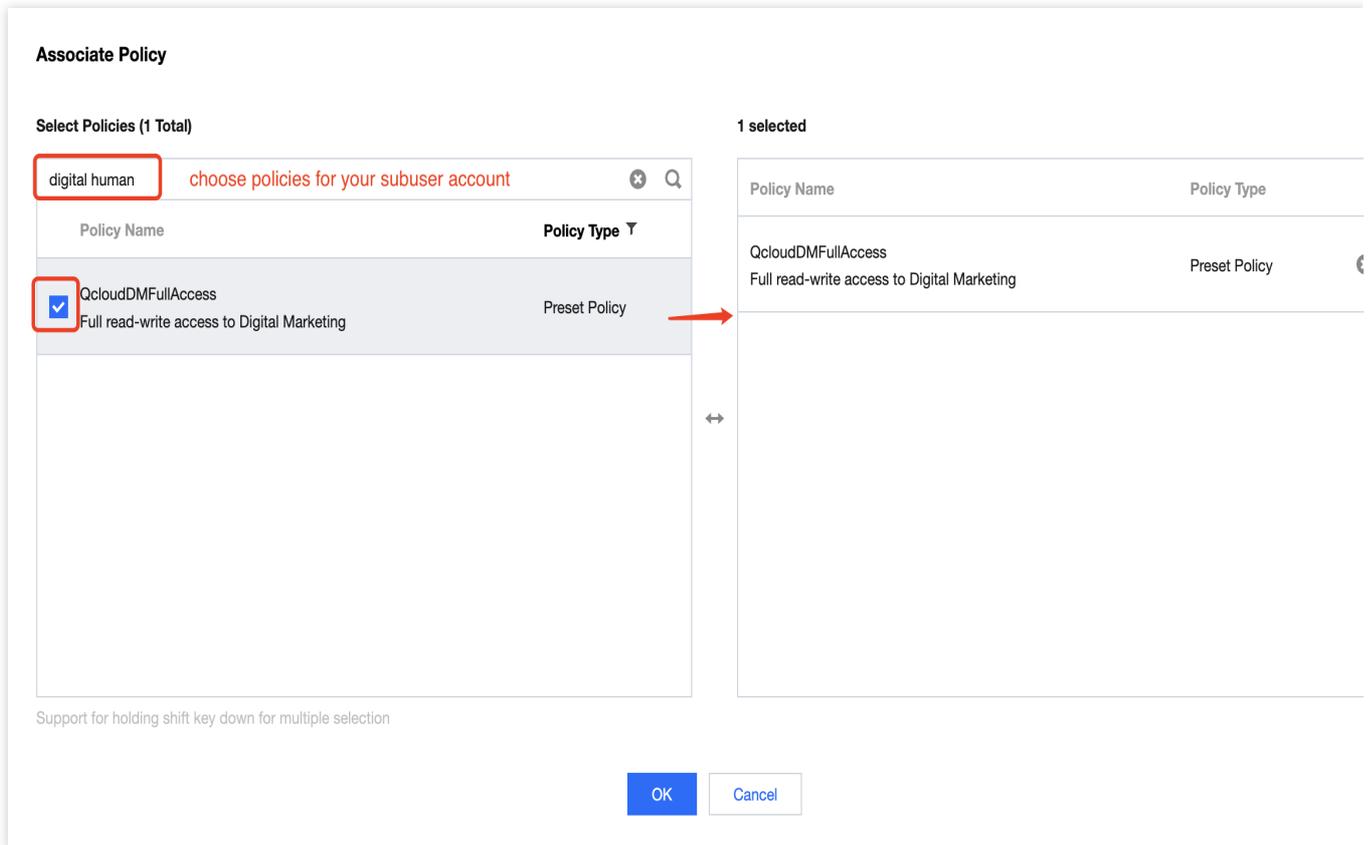
If a sub-account is created without being assigned any permissions, the following prompt will appear when the sub-account attempts to log in:



Select **user** > **User List**, and then select the sub-account you want to authorize, as shown in the diagram below:



After you click **Authorization**, search for Digital Human in the policies selection. Select the appropriate policy to authorize the account, and then click **OK** to complete the process, as shown in the diagram below:



Note:

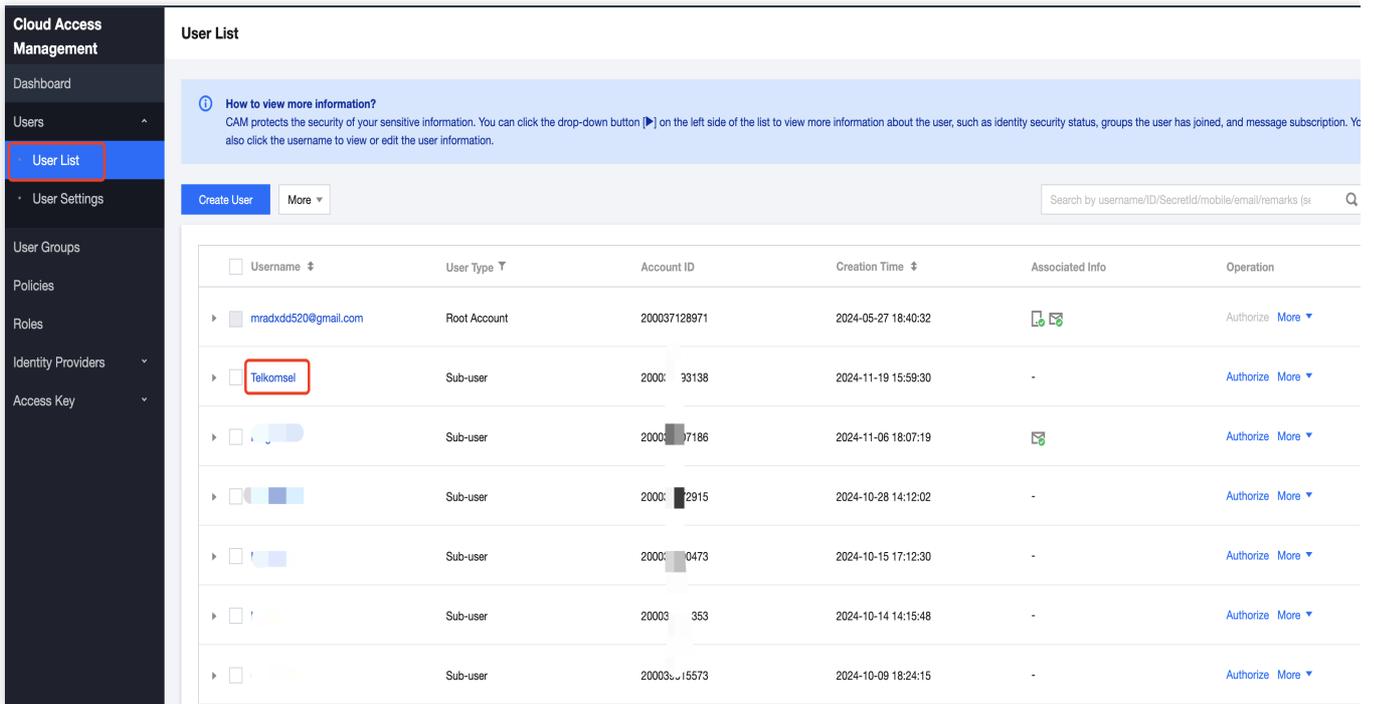
Full read-write access = Ability to view account assets + Create digital human projects.

Read-only access = Ability to view account assets only.

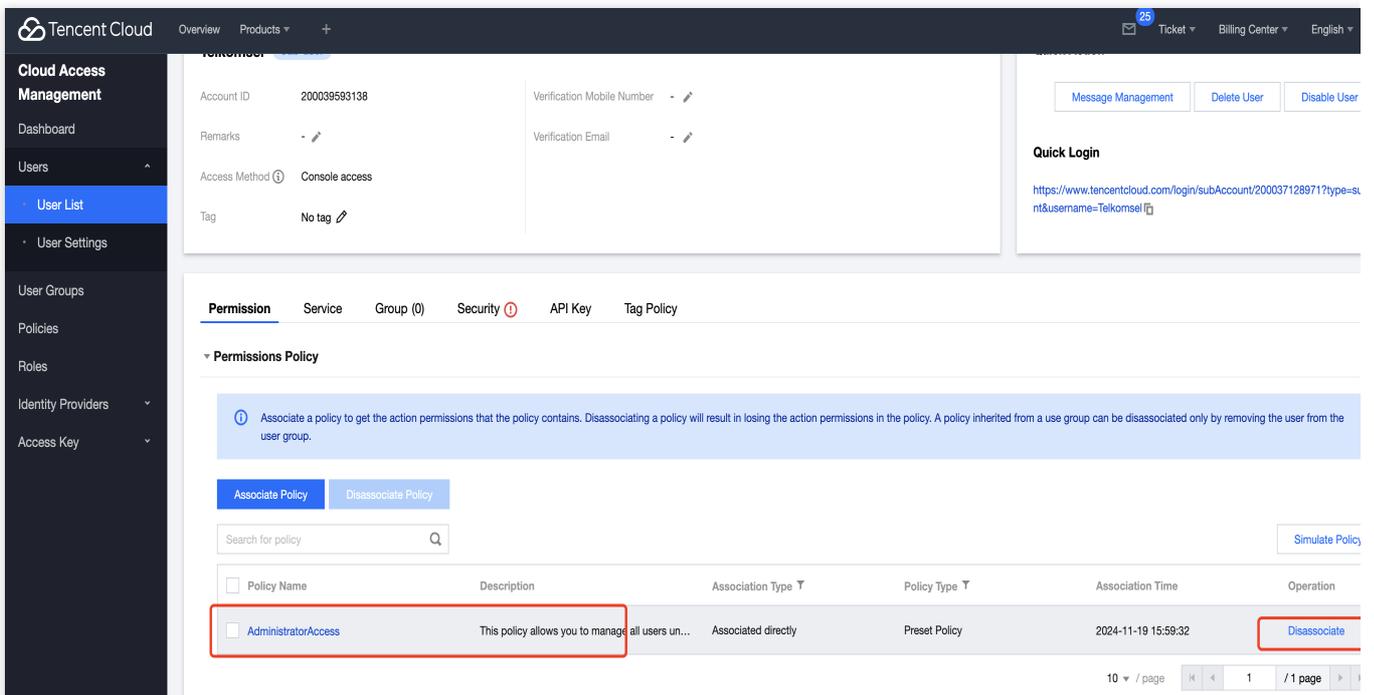
Once authorization is completed, the sub-account will have the corresponding permissions to use the TCADH platform.

2. Revoking Sub-account Authorization

To revoke authorization for a specific sub-account, go to the user list and click the sub-account name, as shown in the diagram below:



After the click, go to the Permission Policy and remove the relevant permissions, as shown in the diagram below:



III. Sub-user Login Method

After the activation, the login entry for sub-users is shown in the diagram below:

Sign in with email

[Sign up](#) | [Forgot password](#) | [CAM user sign in](#)
Or

Broadcast Digital Human Video Generation and Management

Last updated : 2025-03-20 17:14:38

The broadcast digital human is suitable for various content production scenarios, including training and media, and serves industries such as media, asset management, and education by supporting custom broadcast content. Using digital human broadcasting enhances human efficiency, reduces costs, and offers low migration and replication expenses. It is minimally affected by human emotions and natural conditions, enabling error-free broadcasting.

Overview of platform capabilities for the broadcast digital human module:

Supports 2D live-action video production with options to edit text content, anchor settings, and video settings.

Completed video and audio files can be downloaded. The 2D live-action video production distinguishes between two avatar types: 2D instant avatar and 2D studio avatar.

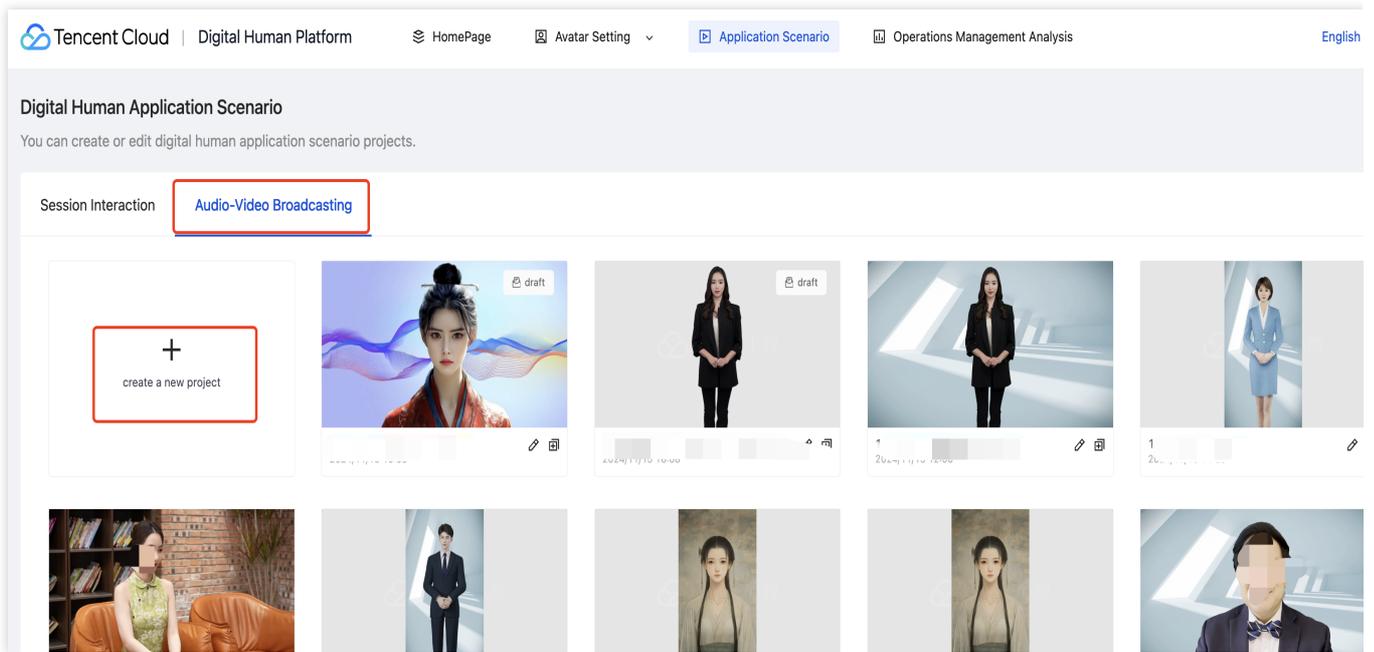
Supports 3D digital human video production, with options to edit text content, anchor settings, and video settings.

Completed video and audio files can be downloaded.

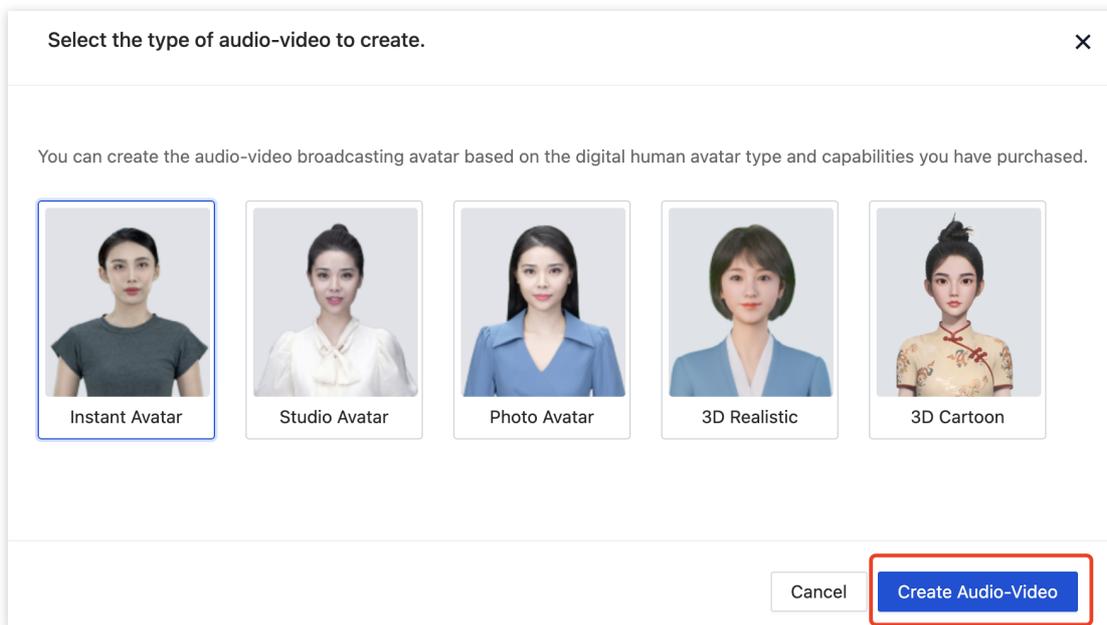
Access path for audio/video broadcasting module: Go to **Homepage > Scene Application > Audio and Video Broadcasting** to manage your produced audio and video content or create audio/video broadcast projects.

I. Audio/Video Creation

Click the first blank + card, select the avatar type for the audio/video broadcast you want to create, and click **Create New Audio and Video** to start editing and producing new content.



Select the type of audio/video you want to create.



II. Audio/Video Management

For created audio/video content, hover over the corresponding cover with your mouse pointer to manage the content.

Notes:

The content created with the root account is not visible to sub-accounts, nor edited or deleted with sub-accounts. The content created with sub-accounts is viewable to the root account but cannot be edited or deleted with the root account.

Video content includes the following operations:

Re-editing: Allows modifications to edited content. Re-editing does not alter the original video and a new version will be generated.

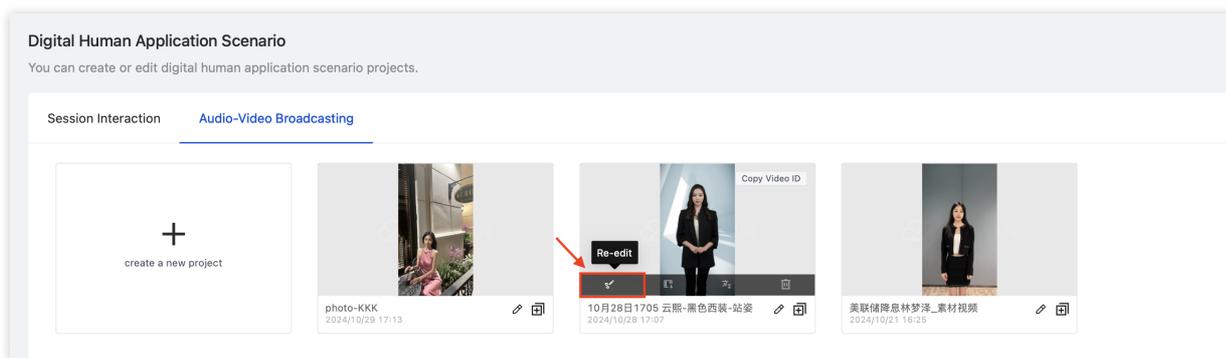
Video download: Supports downloading in MP4 format and WEBM format (with green-screen avatars only, allowing output with a transparent channel).

Subtitle download: Supports downloading in SRT format.

Video deletion: Removes the video from the platform, and it will no longer be stored.

Headline modification: Renames the video headline.

Headline copy: Copies the video headline.



III. Audio/Video Production

There are three driving capabilities: text-driven, original-voice-driven, and voice-changing-driven. The audio/video broadcast module supports text-driven and original voice-driven methods to produce digital human audio and video files.

Driving Mode	Capability Description
Text-driven	Generates digital human audio and video content with automatically matched mouth shapes by simply inputting text. By inserting action/expression tags within the text, the digital human can perform corresponding expressions and actions at specified points.
Original-voice-driven	Generates digital human audio and video content with automatically matched lip movement by simply inputting audio. The digital human's voice will match the input audio exactly.
Voice-	Generates digital human audio and video content with automatically matched lip movement by

changing-driven

inputting audio. The digital human's voice will match the voice selected during the avatar settings stage.

3.1. Text-Driven Mode

To use the text-driven mode, first select the digital human's avatar, style, voice, and output settings. Then, enter the text, insert action/expression tags as needed, and check pronunciations for polyphonic characters. This setup will generate a digital human broadcasting video that includes synthesized voice based on the text you provided.

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< 音视频制作

云熙-黑色西装-站姿 全身站姿/个人服饰 女声1

播报内容 造型 声音 输出设置

文本驱动

插入停顿 插入动作 语速设置 连续 多音字检测 替换文本 导入文本 编辑素材

语音驱动

大家好，我是虚拟分身主播，很高兴认识大家。我由虚拟分身技术创造，具备与真人无异的播报能力，同时我还可以批量克隆真人主播，从而提升信息生产传播的效率，欢迎大家的使用，谢谢！

0.5倍 0.75倍 1.0倍 1.25倍 1.5倍

详情模式

生成音频 生成视频

Once the production is completed, click **Generate Video**, edit the video content name, and select the video format to start the generation process. This process typically takes 1–10 minutes, depending on the length of your video and the broadcasting concurrency purchased for your account. Once the content cover no longer displays a waiting prompt and shows the content normally, you can click to download.

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< 音视频制作

云熙-黑色西装-站姿 全身站姿 / 个人服饰
女声1

播报内容 | 造型 | 声音 | 输出设置

文本驱动 | 插入停顿 | 插入动作 | 语速设置 | 连续 | 多音字检测 | 替换文本 | 导入文本 | 编辑素材

生成视频

视频名称: 10月28日1705 云熙-黑色西装-站姿

视频格式: 常规视频 (HD 1080P MP4格式)

常规视频 (HD 1080P MP4格式)

透底视频 (Alpha通道 webm格式)

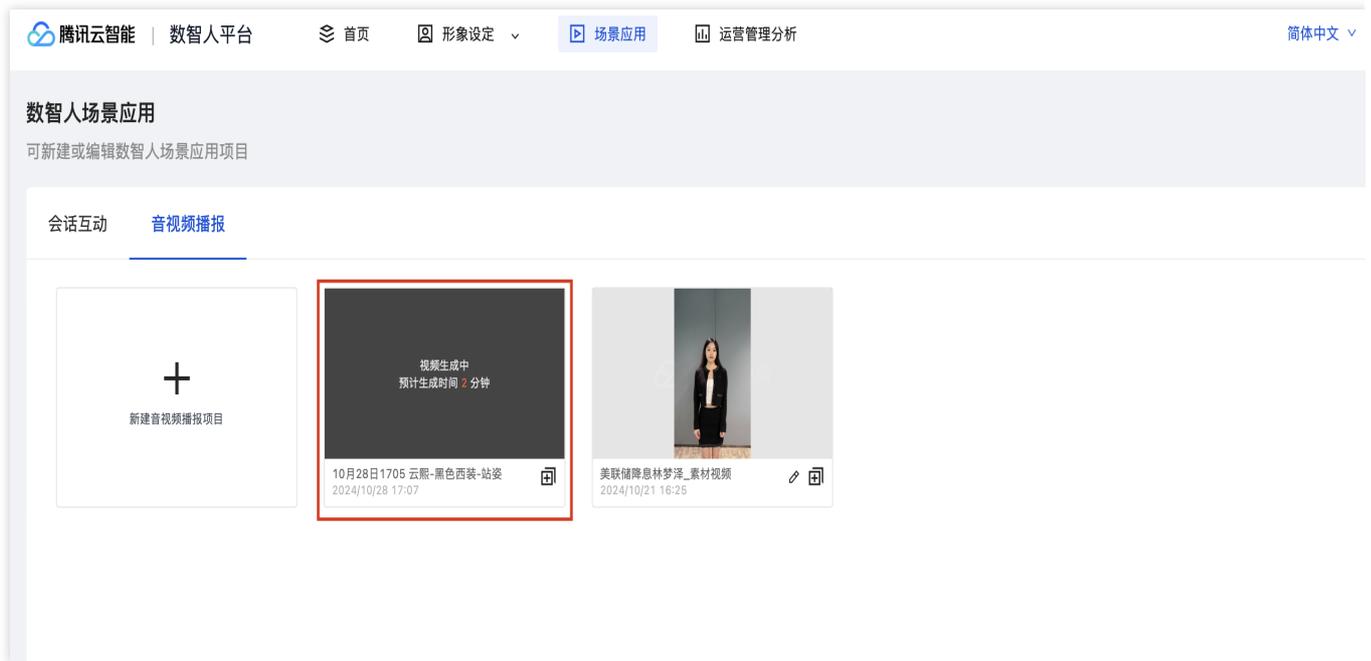
取消 | 确认生成

0.5倍 0.75倍 1.0倍 1.25倍 1.5倍

详情模式

生成音频 | 生成社

我由虚拟分身技术创造，具备与真人无异的播报能力，同时我还... 播报的效率，欢迎大家的使用，谢谢！



3.2. Audio-Driven Mode

With the audio-driven mode, the generated video will use the uploaded audio file directly without requiring a digital human voice selection. Choose the **audio-driven** mode to upload an audio file to drive the digital human. Supported five formats include WAV, MP3, WMA, M4A, and AAC.

The remaining digital human style configurations and output settings are the same as those for the text-driven option.

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< 音视频制作



云熙-黑色西装-站姿 全身站姿 / 个人服饰 女声1

播报内容 | 造型 | 输出设置

文本驱动 | 编辑素材

语音驱动

上传音频

支持上传不超过10分钟的mp3、wav、wma、m4a、aac格式的音频文件
音频音质无损、干净、无背景音效更佳

0.5倍 0.75倍 1.0倍 1.25倍 1.5倍

生成视频

Operations Management and Analysis

Last updated : 2025-03-20 17:15:56

I. Interactive Data Management

The interactive data management module allows you to view statistics based on selected filters, such as a specified time period, merchant, or digital human role. This includes:

Total number of created streams: The cumulative number of the created video streams.

Total number of Q&A sessions: The cumulative number of the created Q&A sessions.

Total service time (minutes): The combined online time of all video streams.

Average service time per single stream (minutes): Calculated as total service time divided by total stream creation count.

Maximum concurrency: The number of streams created simultaneously within the same time period.

Click on a specific data item to view the chart analysis in detail by date .

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Digital Human Operation Management Analysis

Data reference analysis can be provided.

[Interactive Data Management](#) | Broadcast Data Management | [Download Details](#)

* Filter Time: **Today** | Yesterday | Last 7 Days | Last 30 Days | Up to Now | Start date → End date

* Select a merchant: 200037786185 | Select a sub-account: | Filter by Avatar | Filter by Project

Creator Type: If not selected, the ... | Creator Name: If not selected, the ... | Drive Type: If not selected, the ... | [Query](#) | [Reset](#)

Total Streams Created (Each) **0**

Total Service Time (Minutes) **37**

Average Service Time Per Stream (Minutes) **0**

Maximum Concurrent Number (Path) **0**

Chart Analysis

Total Streams Created (Each)

1

II. Broadcasting Data Management

The broadcasting data management module allows you to view statistics based on the selected filters, such as a specified time period, merchant, or digital human role. This includes:

Total audio/video duration (minutes): The cumulative duration of all produced audio and video files.

Total number of audio/video files: The cumulative number of all produced audio and video files.

Maximum concurrency: The maximum number of simultaneously produced audio/video files at a given time.

Click on a specific data item to view the chart analysis in detail by date .

Digital Human Operation Management Analysis

Data reference analysis can be provided.

[Interactive Data Management](#)

[Broadcast Data Management](#)

[Download Details](#)

* Filter Time: [Today](#) [Yesterday](#) [Last 7 Days](#) [Last 30 Days](#) [Up to Now](#) →

* Select a merchant: Select a sub-account: Data Source: Creator Type:

Audio-Video Category: Creator Name: Drive Type:

Total Audio and Video Duration
(Minutes) ⓘ

0



Audio and Video Files (Each) ⓘ

0



Maximum Concurrent Number (Path) ⓘ

0



Chart Analysis

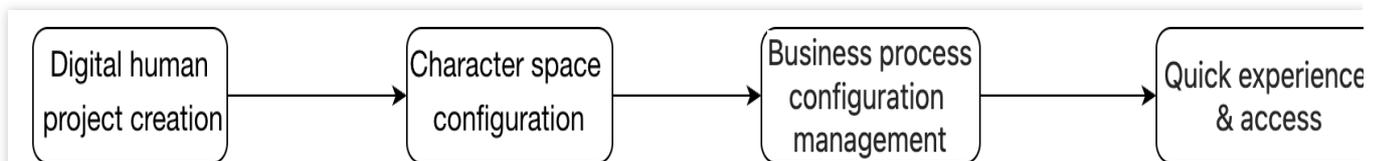
Total Audio and Video Duration (Minutes)

Digital Human Conversation Interaction Application and Management Configuration Process Introduction

Last updated : 2025-03-20 17:17:52

The interactive digital human dialogue management module provides configuration features for various customer service scenarios, including business consultation, information query, voice chat, and virtual companion. Just integrate the interactive digital human aPaaS API/SDK on application terminals (such as APP, mini program, all-in-one machine), and it can provide users with 7*24-hour all-weather online real-time interaction Q&A service.

The configuration end of the interactive digital human module in the digital human platform provides one-stop business configuration and management services such as digital human selection, voice type configuration, background space management, pronunciation & action configuration, session management, process management, one-click experience, and aPaaS integration. Oriented towards all categories, it quickly realizes intelligent applications of digital humans, bringing more efficient, convenient, and personalized customer service experiences.



Digital human project creation (There are two options: cloud rendering and endpoint rendering)

Digital Human Project

2. Project Description

0/100

3. Digital Human Type



Instant Avatar



Studio Avatar



3D Realistic



3D Semi-Realistic



3D Cartoon

4. Scenario Solution Selection

API Integration Endpoint Rendering SDK Integration

5. Dialogue Service Configuration

Use Other Q&A Knowledge Base Chat Service Using ChatGpt Chat Service

CompleteCancel

Role space configuration (endpoint rendering scheme):

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< 途岳国土一天
叮当
Female Voice 1

Digital Human Mana... ^

Avatar Settings

Connection Manage... ^

API Integration

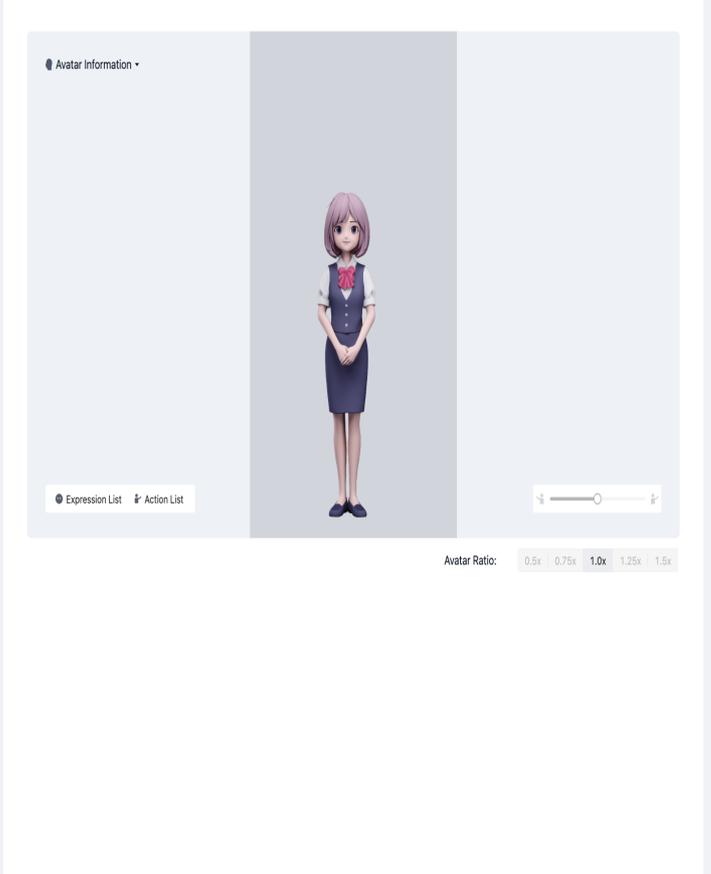
HTML5 Integration

Avatar Settings

Set and modify the interactive digital human avatar.

Preview

Roles | Modeling | Audio | Output Settings

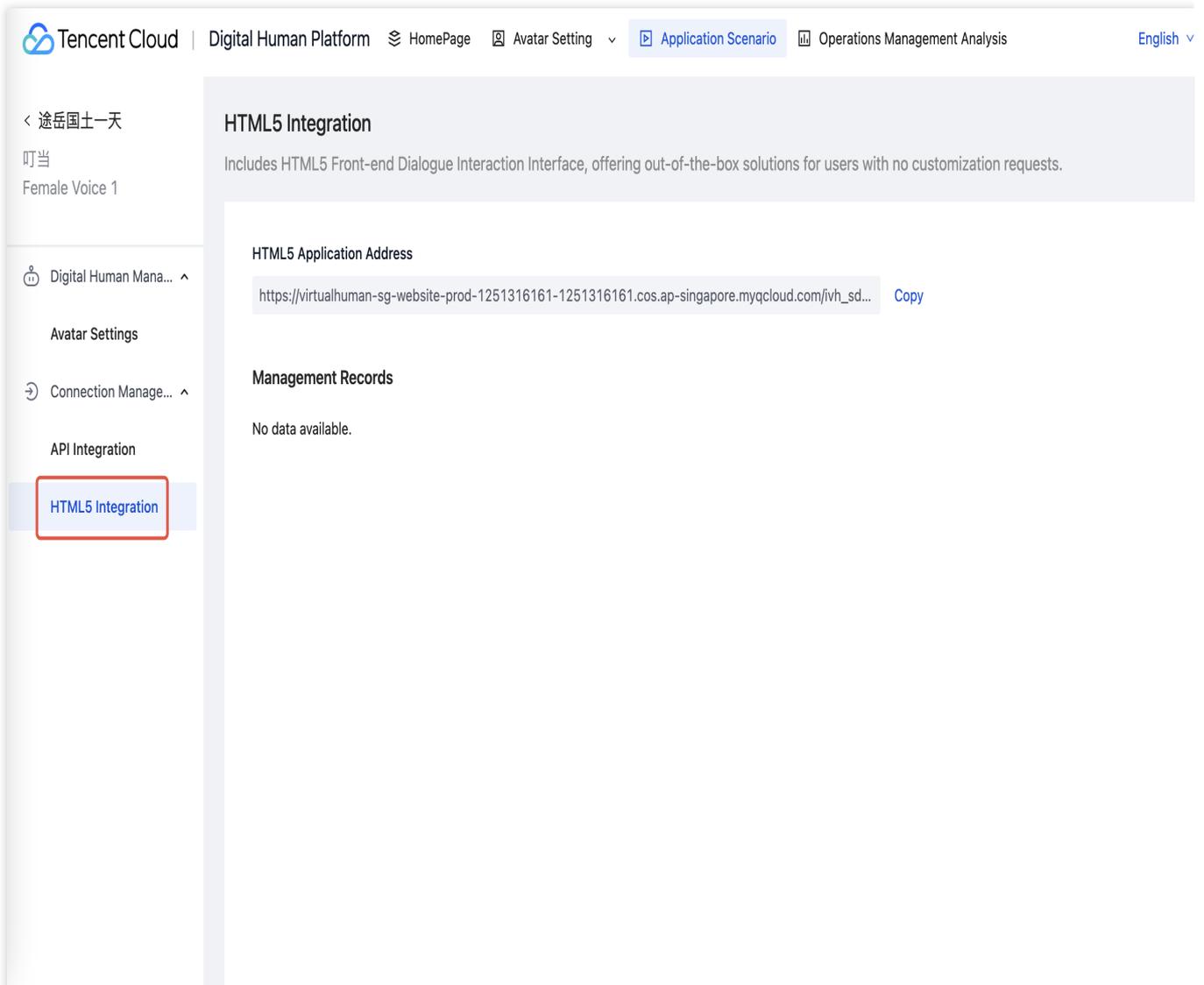


Avatar Information

Expression List | Action List

Avatar Ratio: 0.5x | 0.75x | 1.0x | 1.25x | 1.5x

Select H5 integration, copy the link, and you can quickly experience the effect of digital human interaction.



According to the differences in digital human avatar resource types, the services provided by the interactive digital human are divided into: cloud rendering mode and endpoint rendering mode.

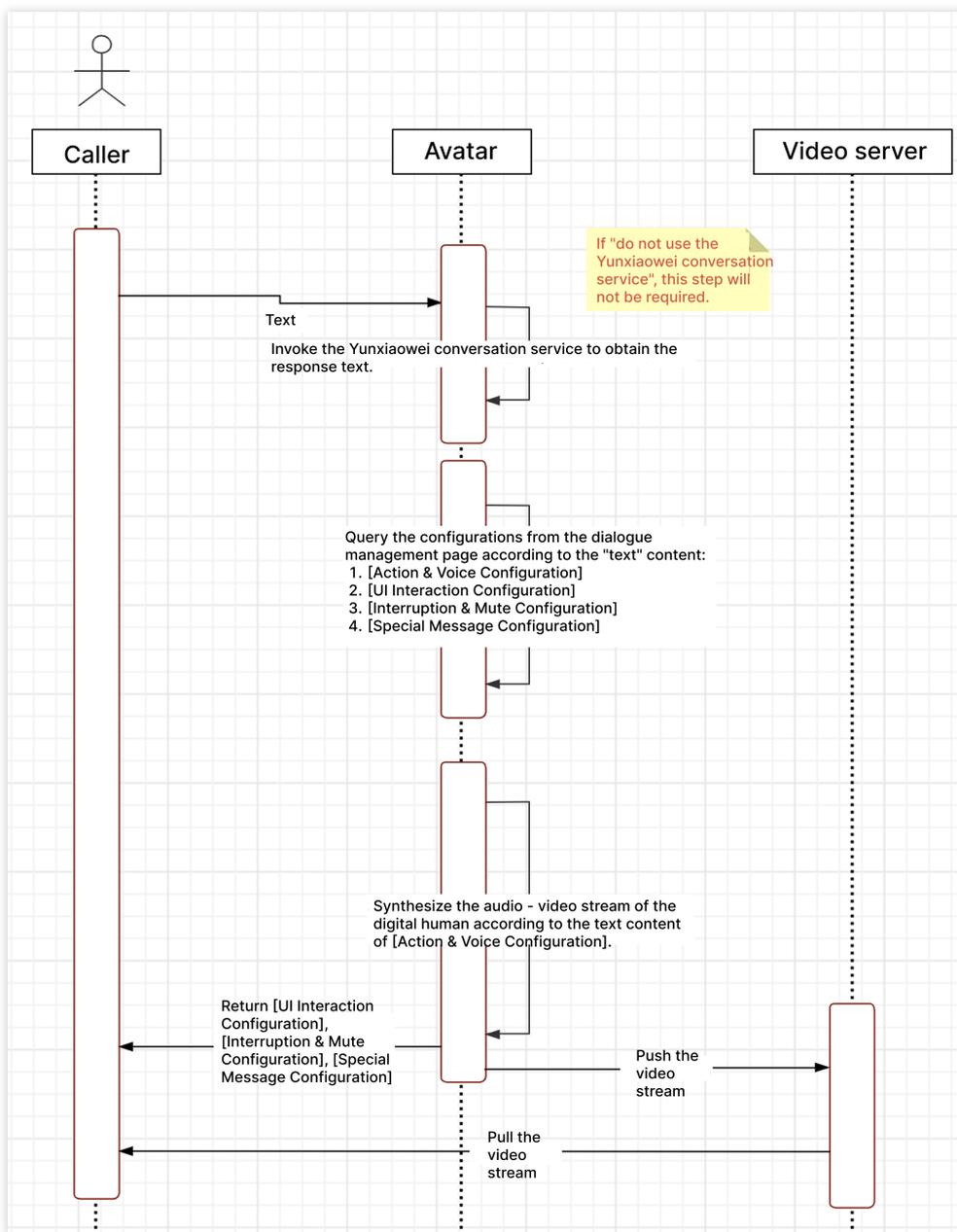
Service Mode	Mode Description	Applicable Avatar	Access Solution
Cloud Rendering Mode	Generate video stream directly via server-side rendering. The caller can pull the video stream via the specified address for playback.	2D real-person, 3D (including 3D realistic, 3D semi-realistic, and 3D cartoon)	API: Cloud-based streaming interaction aPaaS
Client-side Rendering Mode	The supported calling terminal can download the 3D model file to local and perform the rendering of the model locally.	3D Digital Human	API: Endpoint Rendering Interaction aPaaS SDK: Endpoint Rendering H5 SDK

Project Creation and Management

Last updated : 2025-03-20 17:19:29

2D real-person/3D digital human provides services through video stream push mode. Customers create a new digital human project through the interactive digital human platform. After performing simple digital human image settings, they can obtain key information and API documentation through the "Access Management" module; by integrating with the aPaaS API, they can create a video stream for seamless integration into the customer's scenarios.

The figure below shows the calling process of the video stream push mode:

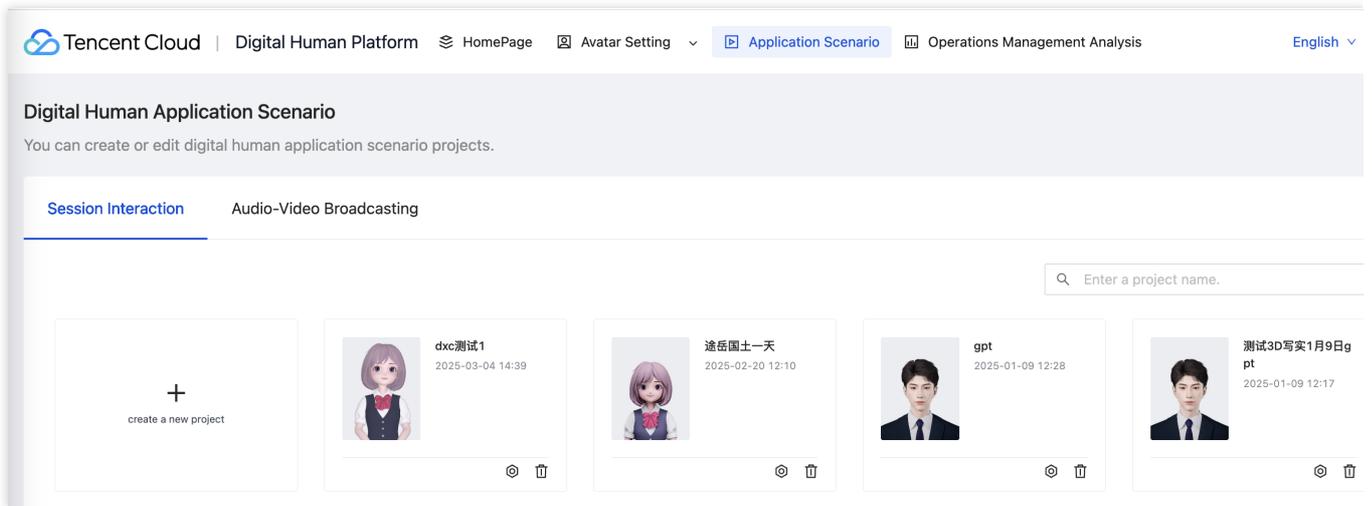


Notes:

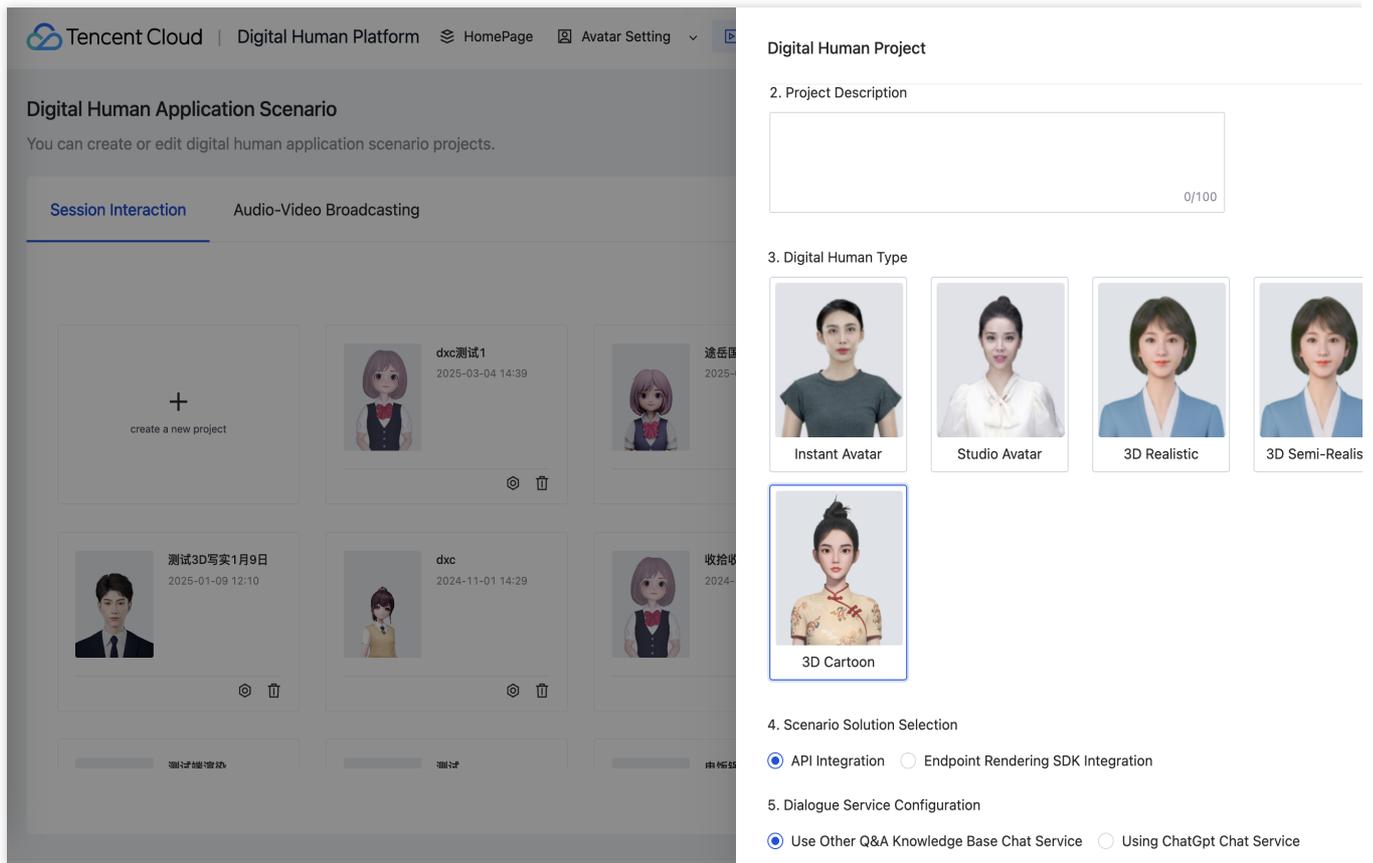
Large Model Dialogue Service does not support "special message configuration".

Digital Human Project Management

Support creation and management of multiple digital human projects. After logging in, click **Create Digital Human Project** on the homepage, enter name, description, etc., and you can create a digital human project. You can also delete or edit existing digital human projects.



Add a Digital Human Project



Project name: Enter the name of the digital human project.

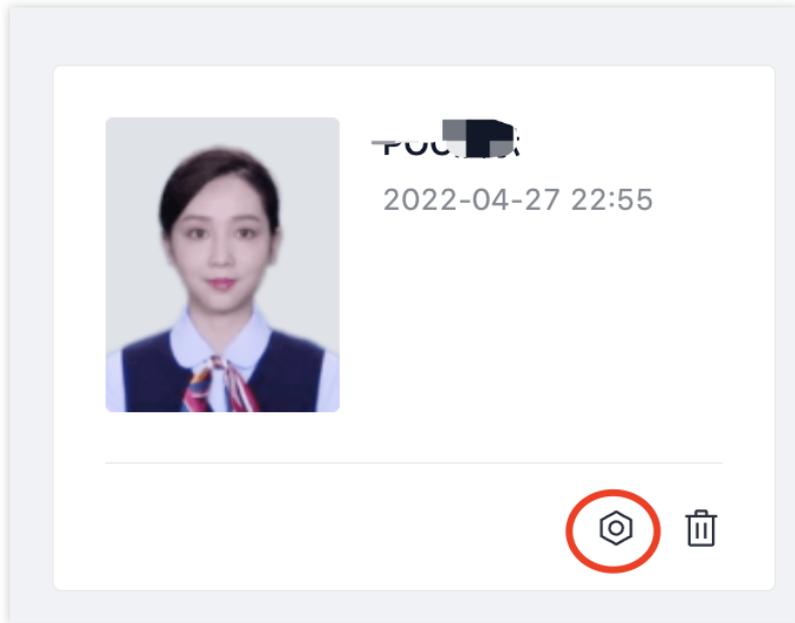
Project description: Enter the project description.

Digital human type: Divided into "2D small sample (exclusive, common, photo)", "3D realistic", "3D semi-realistic", "3D cartoon".

Dialogue service configuration: You can select "use other question and answer library dialogue services" and "use ChatGpt dialogue service".

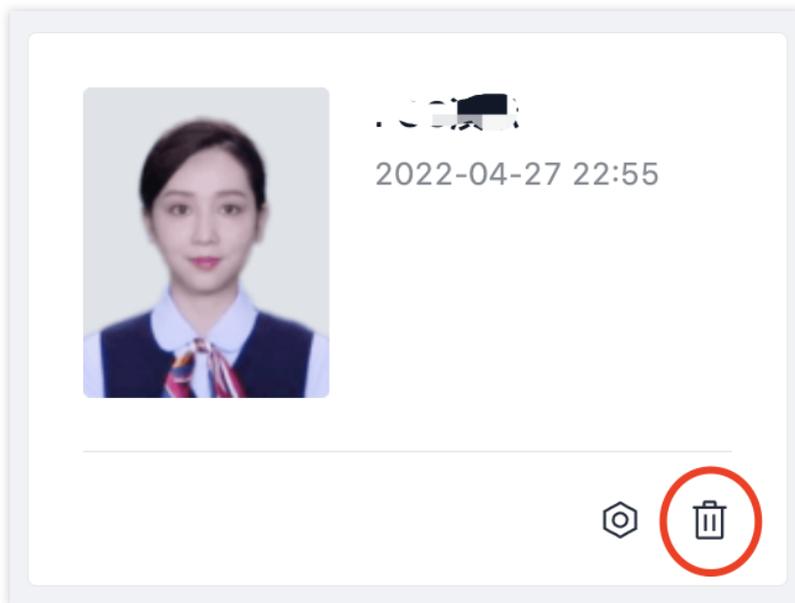
2. Edit Digital Human Project

Click edit on the digital human project card, and you can re-edit the "project name" and "project description".



3. Delete Digital Human Project

Delete Digital Human Project. Once deleted, it cannot be recovered.



Notes:

Only the creator of the digital human project has the permission to delete the project.

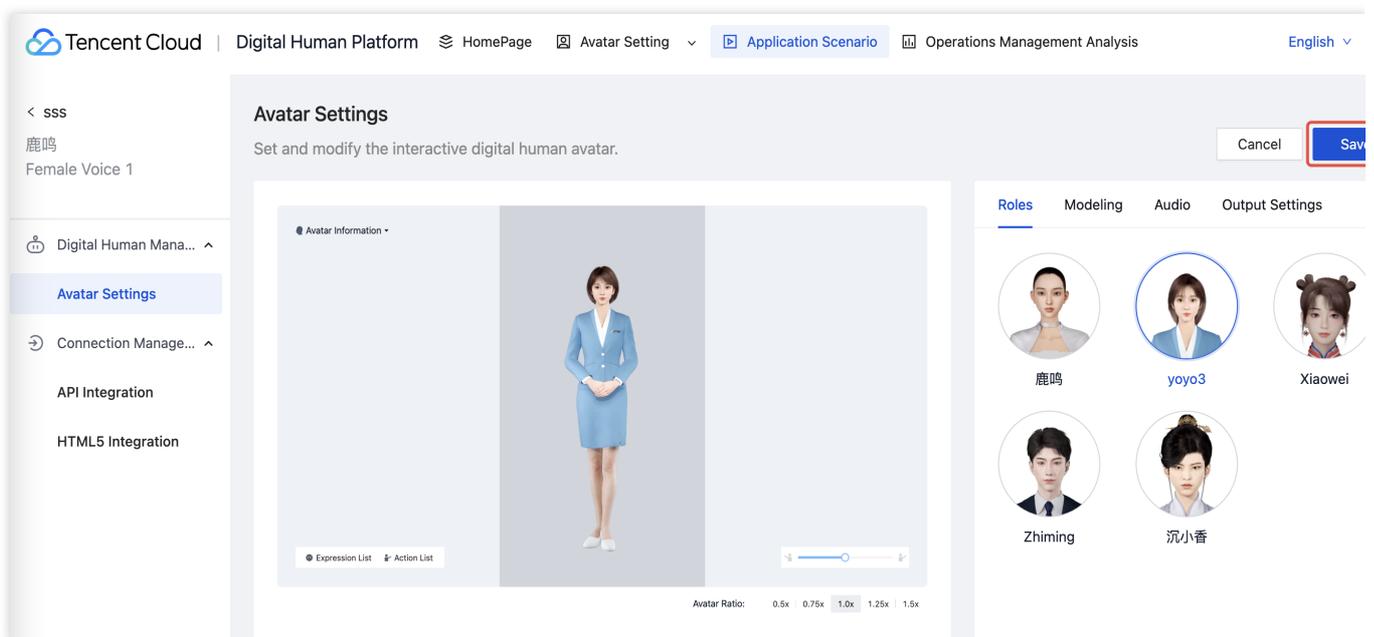
Image and Output Settings

Last updated : 2025-03-20 17:27:24

Digital Human Image Settings

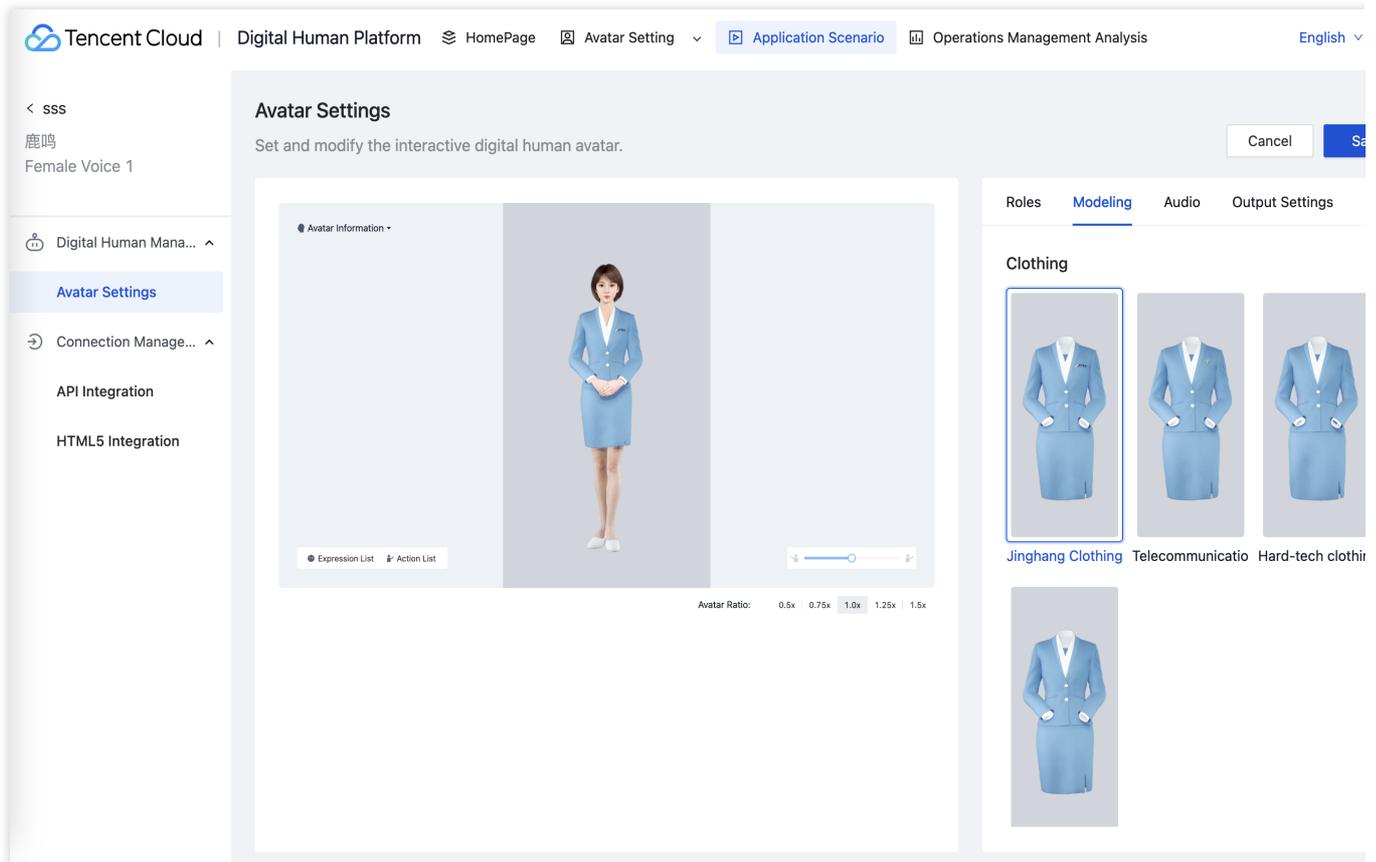
Image settings page allows for the configuration of the digital human's role, sound, and space.

For a newly created digital human project, you need to click in the upper right corner **Save** to perform the initial information configuration before you can proceed with API integration, mini program scan to experience, etc.



1. Role Selection

Here, you can switch the role, clothing, and pose of the digital human. The changes take effect immediately after toggling. Users can only switch the digital human avatar units they are authorized to access.



The main adjustable parameters are:

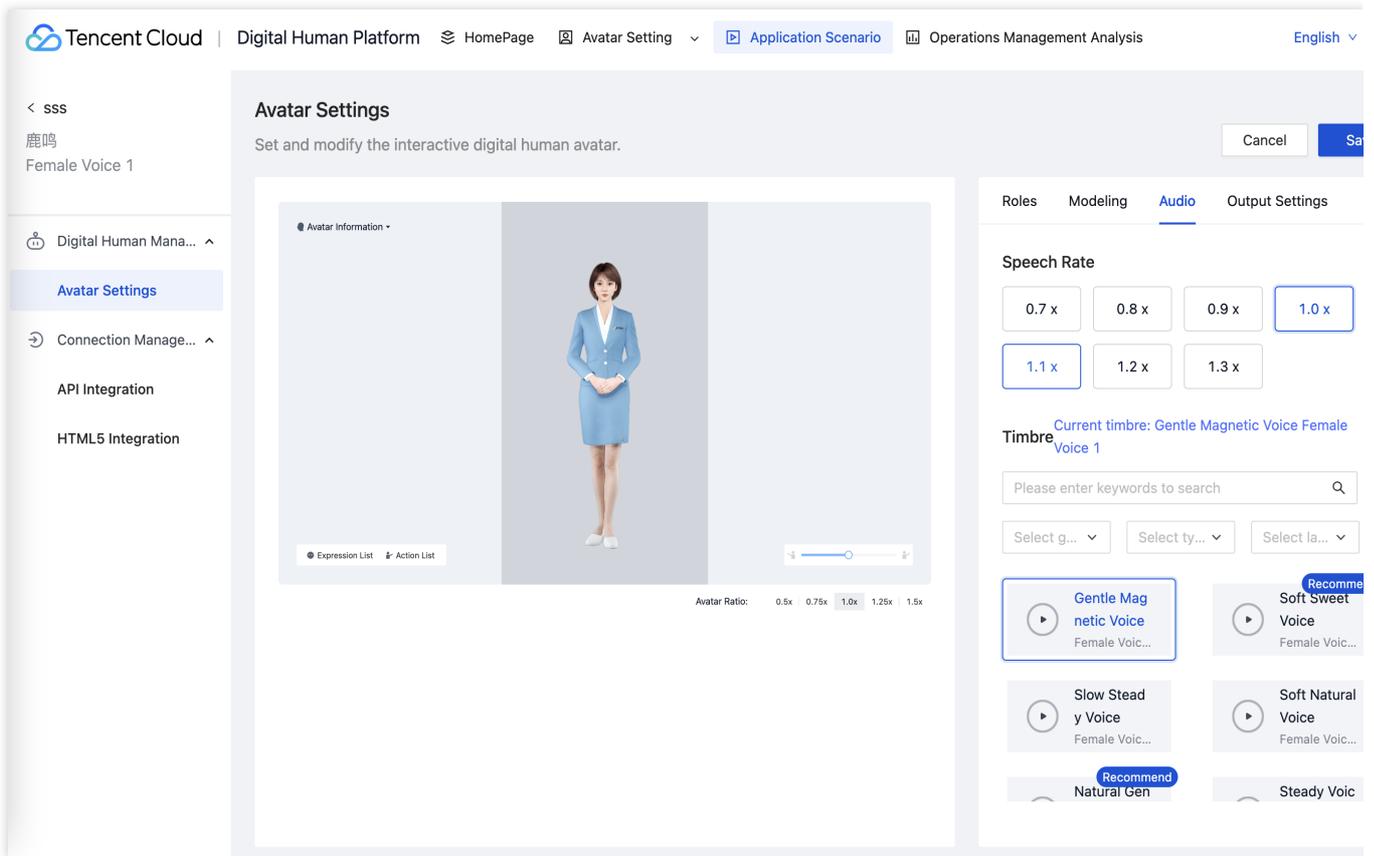
Role: typically the name of a digital human, such as Yani, Yunxuan, Bidaixun, etc.

Clothing: Each role has 1 to n sets of fixed and switchable clothing.

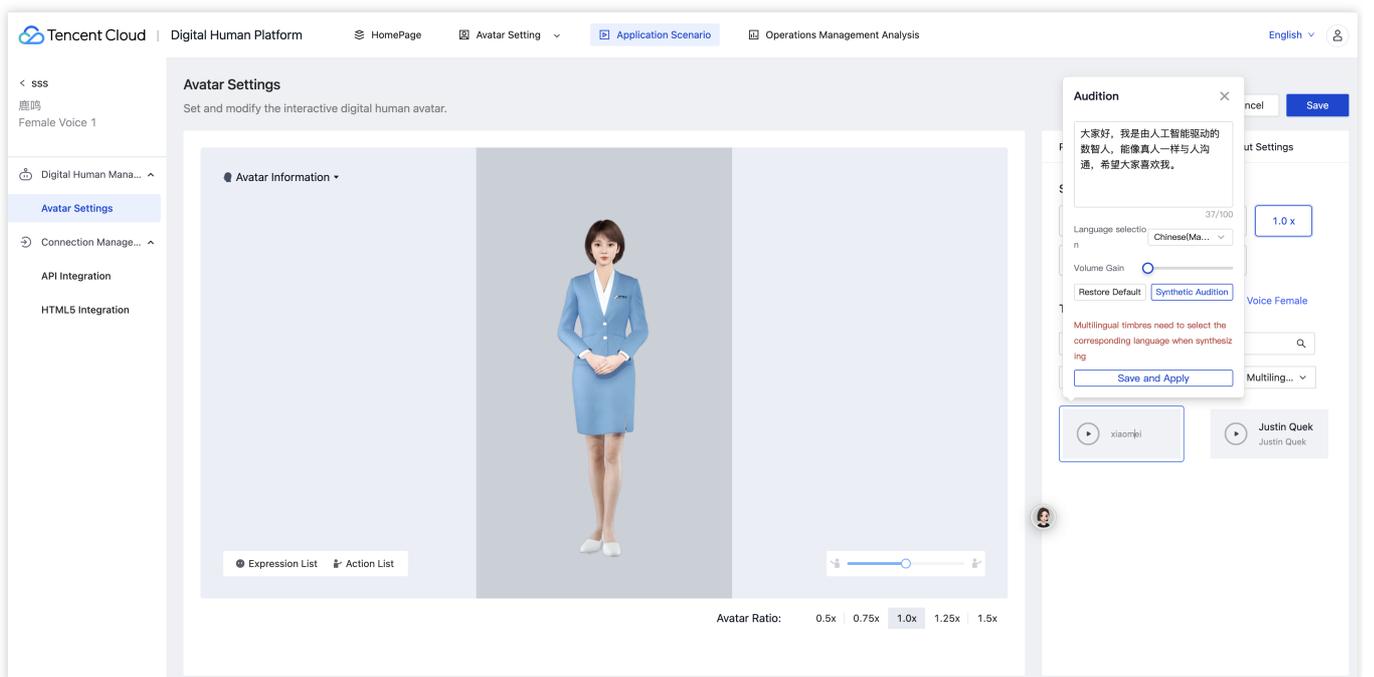
Pose: It can be divided into full body standing pose, half-body standing pose (also known as 2/3 standing pose), and seated posture.

2. Sound Switching

After selecting the role of the digital human, you can switch the supported voice types and speaking rates of the role here, and audition is supported. When clicking on Audition, you can adjust the emotional style, intensity of emotion, and volume gain of the voice type.



The voice type and speaking rate are currently bound to the digital human. Some digital human roles support one, while others support multiple. Full voice type auditions can be performed in the Standard Avatar Album.

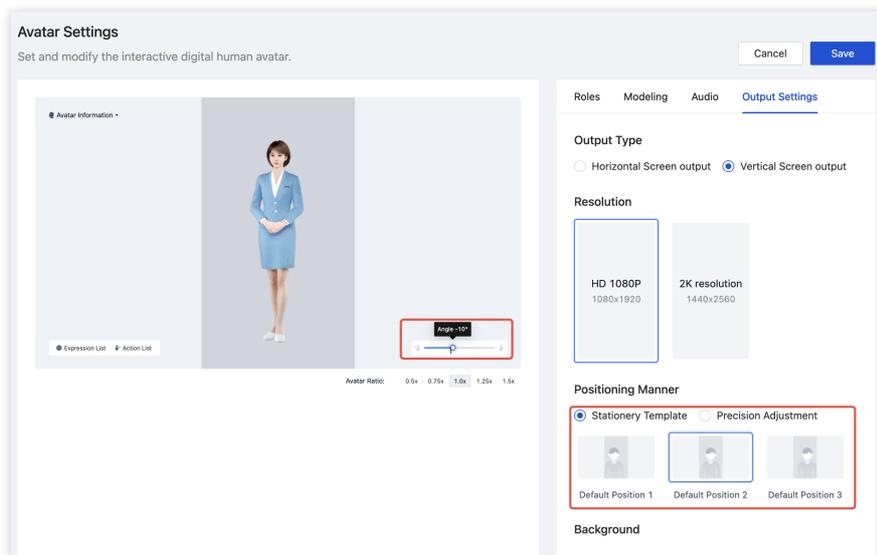


Notes:

After the permission is authorized, all resolutions that can be switched here are authorized; currently, they are all resolutions supported by the role.

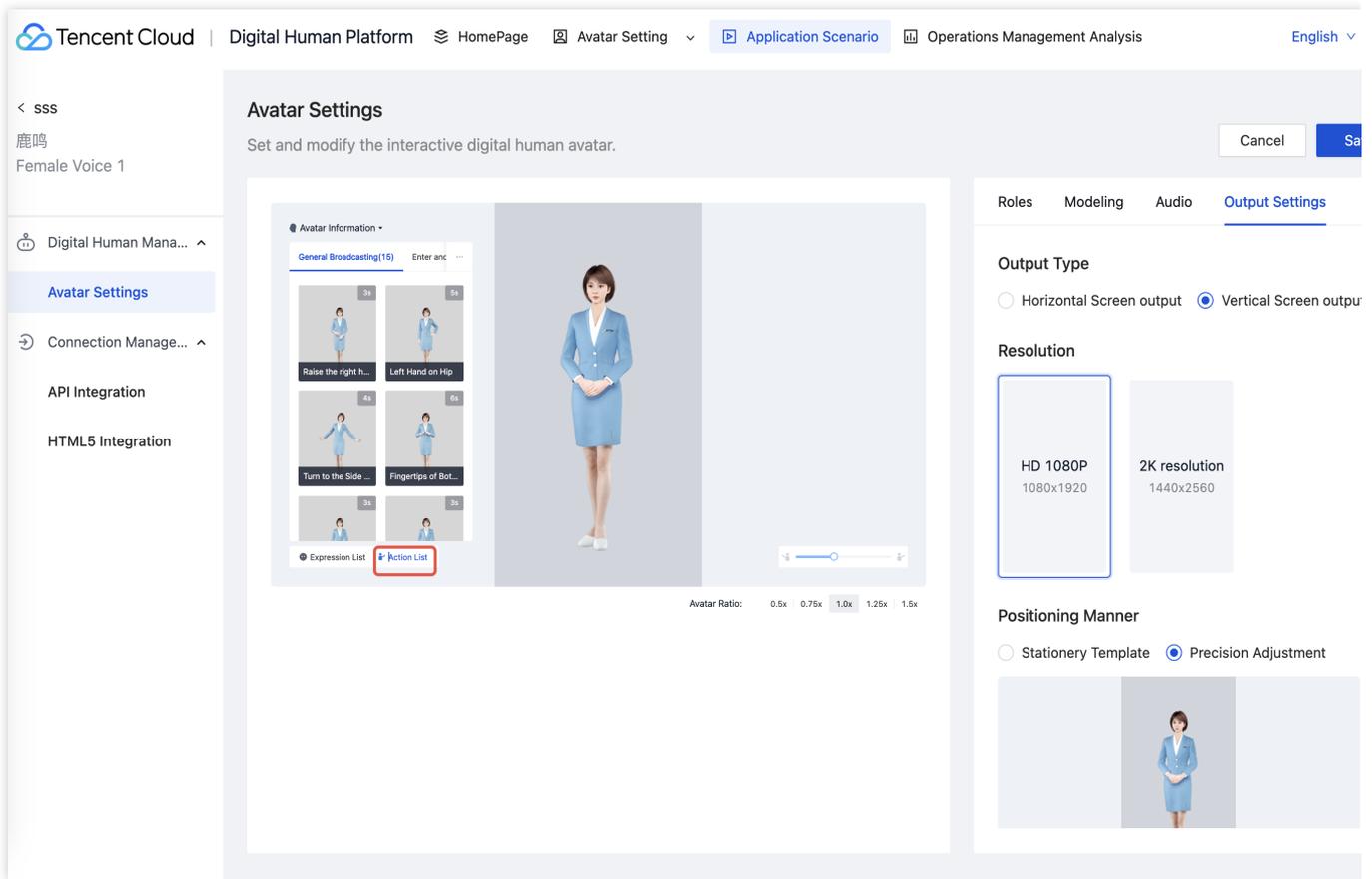
3. Character Angle

For 3D avatars, it can support adjusting the character angle.



4. Digital Human Expressions & Action List

In the avatar settings interface, you can click **Emoji List** or **Action list** to preview the actions supported by the avatar.



Output Settings

Adjustable output type/resolution/positioning manner/background related parameters.

Tencent Cloud | Digital Human Platform | [HomePage](#) | [Avatar Setting](#) | [Application Scenario](#) | [Operations Management Analysis](#) English

< sss
鹿鸣
Female Voice 1

Digital Human Mana... ^
Avatar Settings
Connection Manage... ^
API Integration
HTML5 Integration

Avatar Settings

Set and modify the interactive digital human avatar.

Avatar Information



Expression List | Action List

Avatar Ratio: 0.5x 0.75x 1.0x 1.25x 1.5x

Roles | Modeling | Audio | **Output Settings**

Output Type
 Horizontal Screen output Vertical Screen output

Resolution
HD 1080P 1080x1920 | 2K resolution 1440x2560

Positioning Manner
 Stationery Template Precision Adjustment

Default Position 1 | **Default Position 2** | Default Position 3

Background

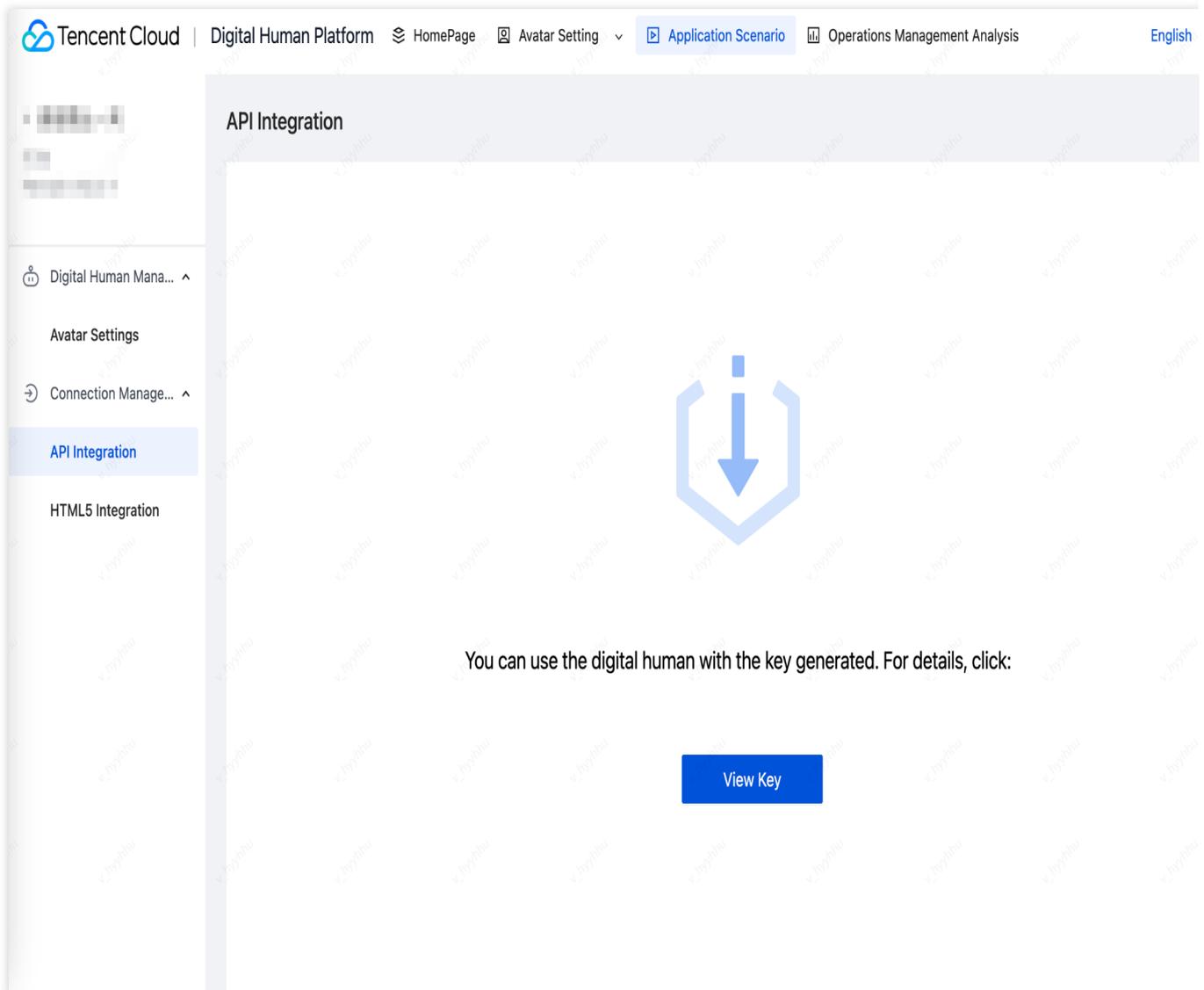
Cancel Save

Quick Experience and Integration

Last updated : 2025-03-20 17:23:51

API Integration in Cloud Rendering Scenarios

In the API integration module, you can obtain the key data and API documentation of the digital human project. You can integrate the API interface of the digital human project into the customer's intelligent terminal and use it.



2. SDK Integration (Client-Side Rendering Scenarios)

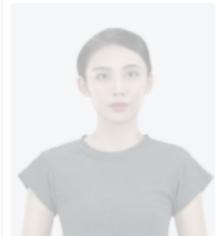
The client-side rendering mode does not require deploying a rendering server on the server, reducing costs.

Ways to create: Select Client-Side Rendering SDK Integration when creating a 3D avatar interactive project.

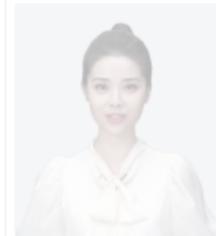
Digital Human Project

8/100

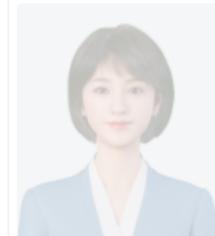
3. Digital Human Type



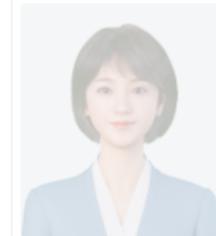
Instant Avatar



Studio Avatar



3D Realistic



3D Semi-Realistic



3D Cartoon

4. Scenario Solution Selection

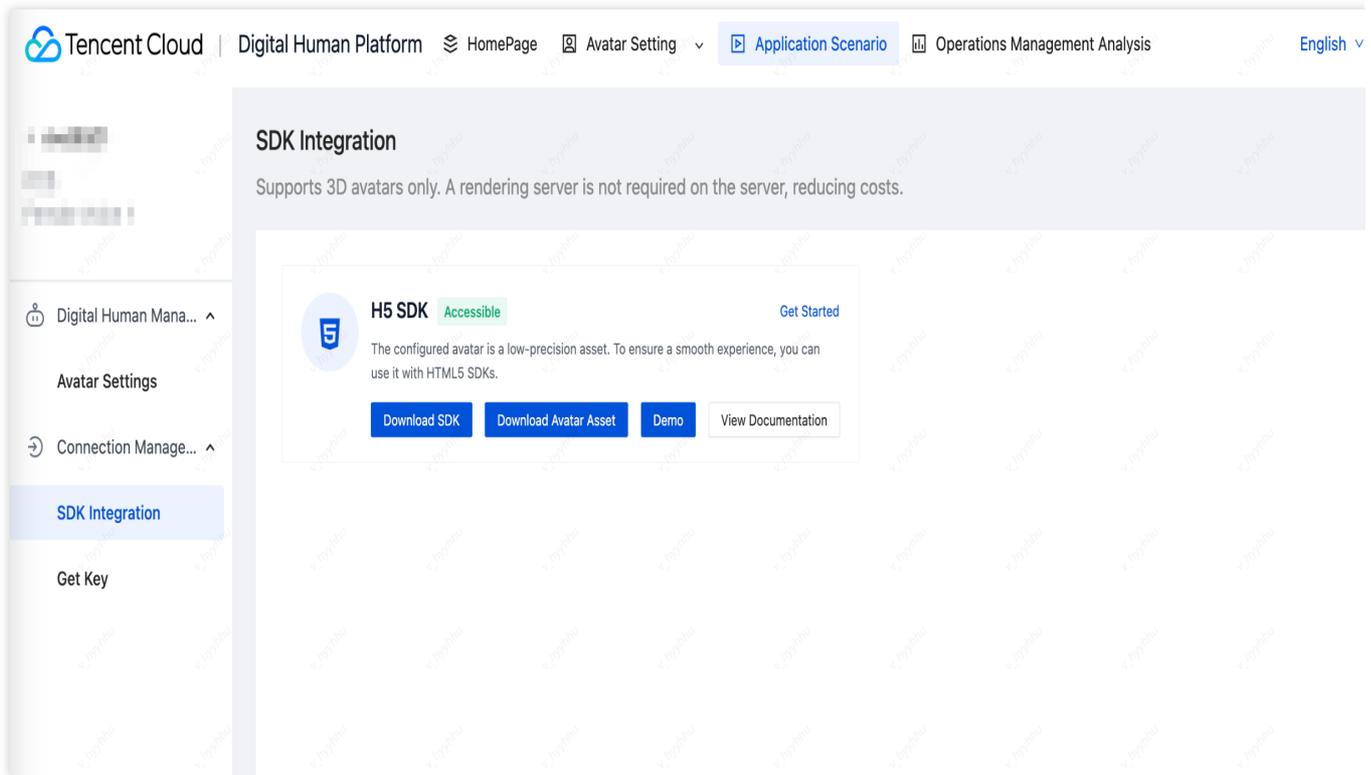
API Integration Endpoint Rendering SDK Integration

5. Dialogue Service Configuration

Use Other Q&A Knowledge Base Chat Service Using ChatGpt Chat Service

Save Cancel

The page diagram for using the client-side rendering SDK in the 3D digital human session project is as follows.



3. H5 Integration

H5 with a front-end dialogue interaction interface is ready to use for customers with no page customization requirements (only usable for customers who apply for permission).

Tencent Cloud | Digital Human Platform | [HomePage](#) | [Avatar Setting](#) | [Application Scenario](#) | [Operations Management Analysis](#) | [English](#)

HTML5 Integration

Includes HTML5 Front-end Dialogue Interaction Interface, offering out-of-the-box solutions for users with no customization requests.

HTML5 Application Address

`https://virtualhuman-sg-website-prod-1251316161-1251316161.cos.ap-singapore.myqcloud.com/ivh_sd...` [Copy](#)

Management Records

No data available.

- Digital Human Mana... ^
- Avatar Settings
- Connection Manage... ^
- API Integration
- HTML5 Integration**