

Zoom Connected System

Zoom Connected System is used to create, get, list, update, delete meetings, get and delete recordings, generate signatures for the Zoom component, and store the screenshots in Appian folders taken in the component.

Connected System Parameters:

1. **Client ID** - The client ID from the Oauth app was created for Zoom integrations.
2. **Client Secret** - The Client Secret from the Oauth app was created for Zoom integrations.
3. **API Key** - Client ID from the Meeting SDK app created for Join Zoom meeting component.
4. **API Secret** - Client Secret from the Meeting SDK app created for Join Zoom meeting component.
5. **Host Email** - The email from which the Oauth app is created.
6. **Upload Folder UUID** - The folder ID of the screenshot taken from the Join Zoom meeting component should be stored in the Appian KC.
7. **Upload Images as User** - The images stored in the Appian KC will be under this username.

Note: If the user has to use only the component, The values for Client id and Client secret and Host email can be configured with random value and need not click on the authorize button in the connected system. You can just configure the API key, API secret, Upload Folder UUID and Upload Images as User.

Connected System Properties



Connected system that accesses the zoom platform to manage the zoom meetings and generate token and save the screenshot from the Join Zoom Meeting Component.
Version: 1

Name *

VA Zoom Connected System

Description

Zoom Connected System Configuration

Copy this redirect URL (callback URL) and use it to register this connected system with the protected resource.

Once registered, enter the properties provided to you by the protected resource to configure this authorization.

Client ID *

Enter the client ID from OAuth.

Client Secret *

Enter the client secret from OAuth.

Host Email *

Provide the email of the Zoom OAuth app owner

API Key ?

Enter the API Key from Meeting SDK used for Join Zoom Meeting Component.

API Secret ?

Enter the API Secret from Meeting SDK used for Join Zoom Meeting Component.

Upload Folder UUID ?

Screenshot took in Join Zoom meeting component is stored in this Folder

Upload Images as User ?

Screenshot took in Join Zoom meeting component is uploaded by this user's name

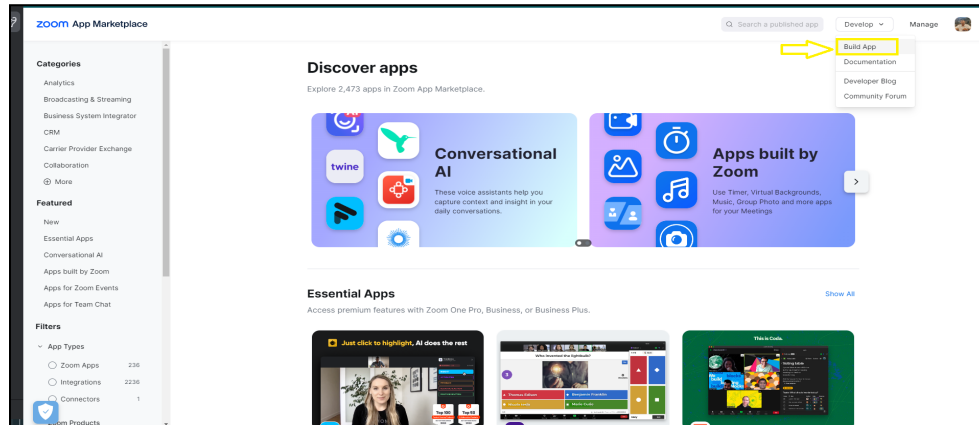
AUTHORIZE AGAIN

CANCEL

SAVE

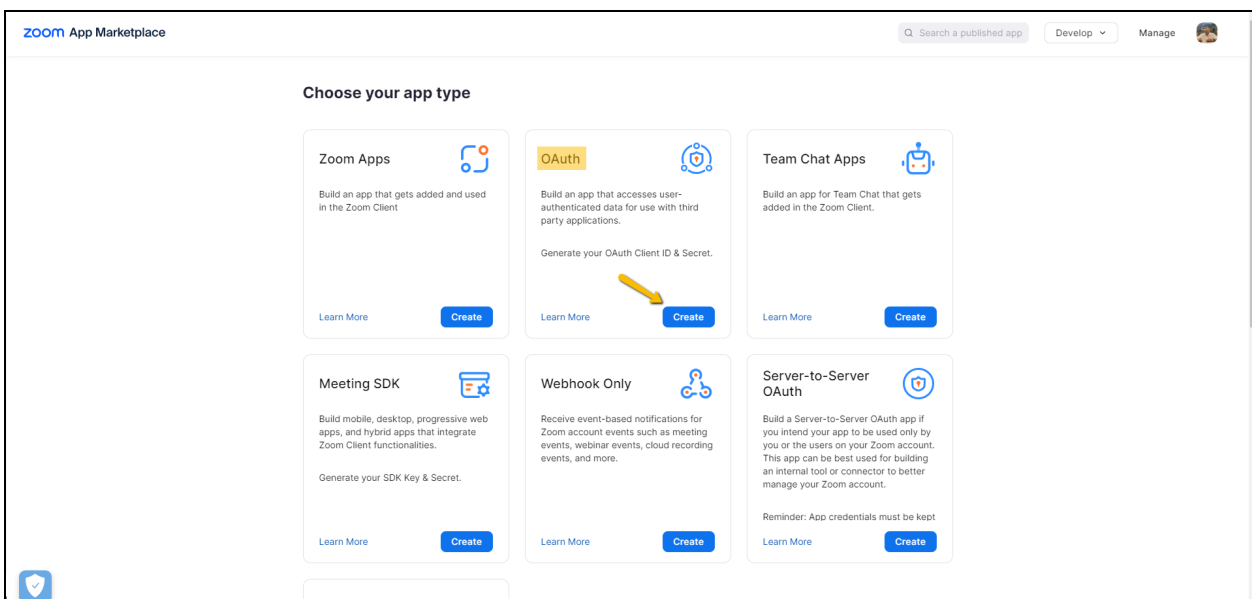
Connected System Configuration:

- Go to <https://marketplace.zoom.us/> and click on Develop -> Build App.



Follow the below steps to configure the connected system for integration:

- Create an OAuth app for integration.

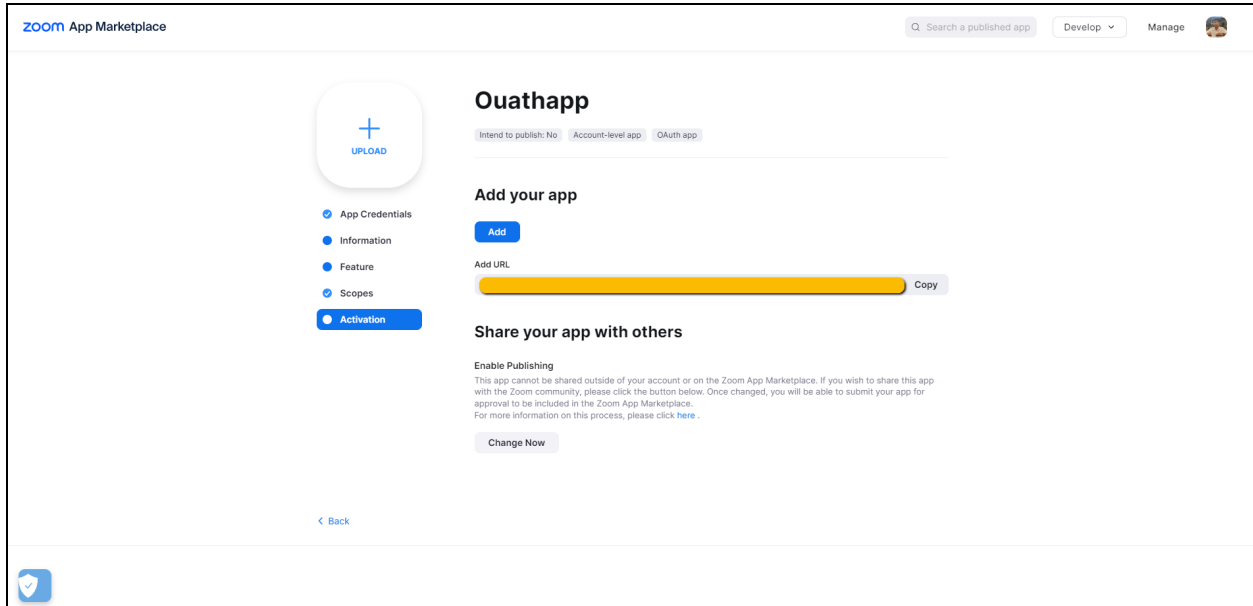


- Take a copy of the Client Secret and Client Id from the app credentials. On the information tab, include the developer's contact information and basic details. Include the required scopes.

The screenshot shows the 'App Credentials' page for an application named 'Ouathapp' in the Zoom App Marketplace. The page has a sidebar with navigation links: 'App Credentials' (selected), 'Information', 'Feature', 'Scopes', and 'Activation'. The main content area includes tabs for 'Intend to publish: No', 'Account-level app', and 'OAuth app'. Below the tabs, there's a section titled 'App Credentials' with instructions: 'Use the credentials to access Zoom APIs from your app. Make sure to securely store the credentials. Do not store them in public repositories.' The 'App Credentials' section contains three input fields: 'Client ID' (with a 'Copy' button), 'Client Secret' (with 'Copy' and 'Regenerate' buttons), and 'Redirect URL for OAuth' (with instructions: 'Provide the URL where Zoom can send the access token after the user completes the OAuth authentication.'). At the bottom, there's an 'OAuth Allow List' section and a 'Continue' button.

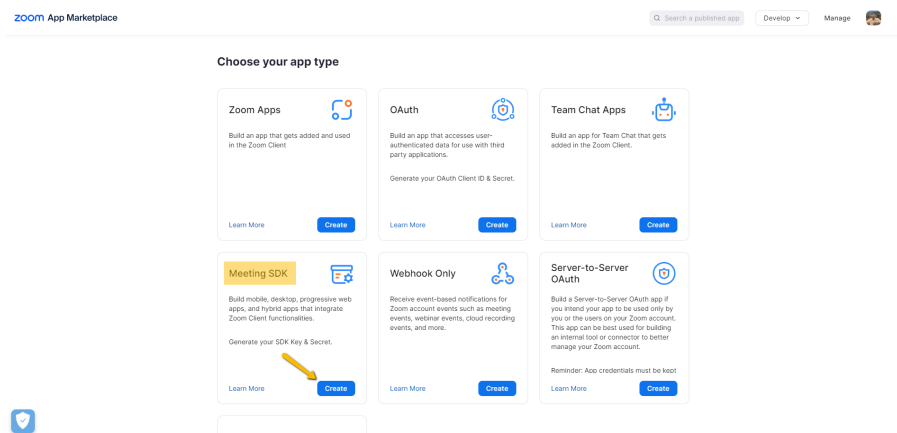
The screenshot shows the 'OAuth Allow List' page for the 'Ouathapp' application. The page includes a 'Security Check' section with two toggle switches: 'Use Strict Mode for Redirect URLs' and 'Subdomain Check'. Below this is the 'Add Allow List' section, which contains two input fields for adding URLs and a '+ Add Allow List' button. At the bottom, there are 'Back' and 'Continue' buttons.

- Finally, activate your app.

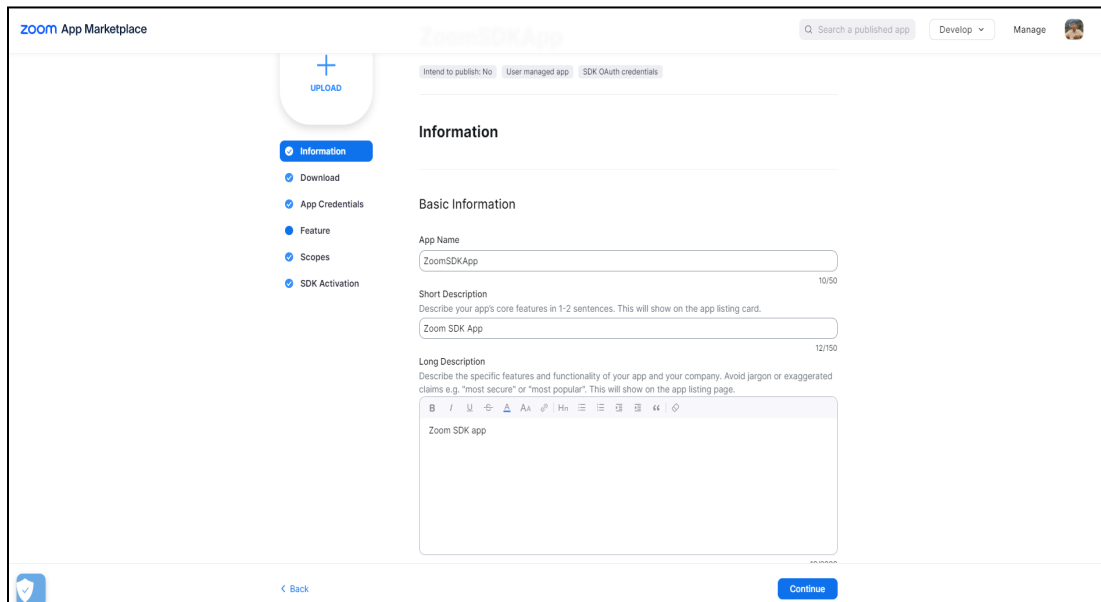


Follow the below steps to configure the connected system for the Join Zoom Meeting Component:

- Create a Meeting SDK app for Join Zoom Meeting component

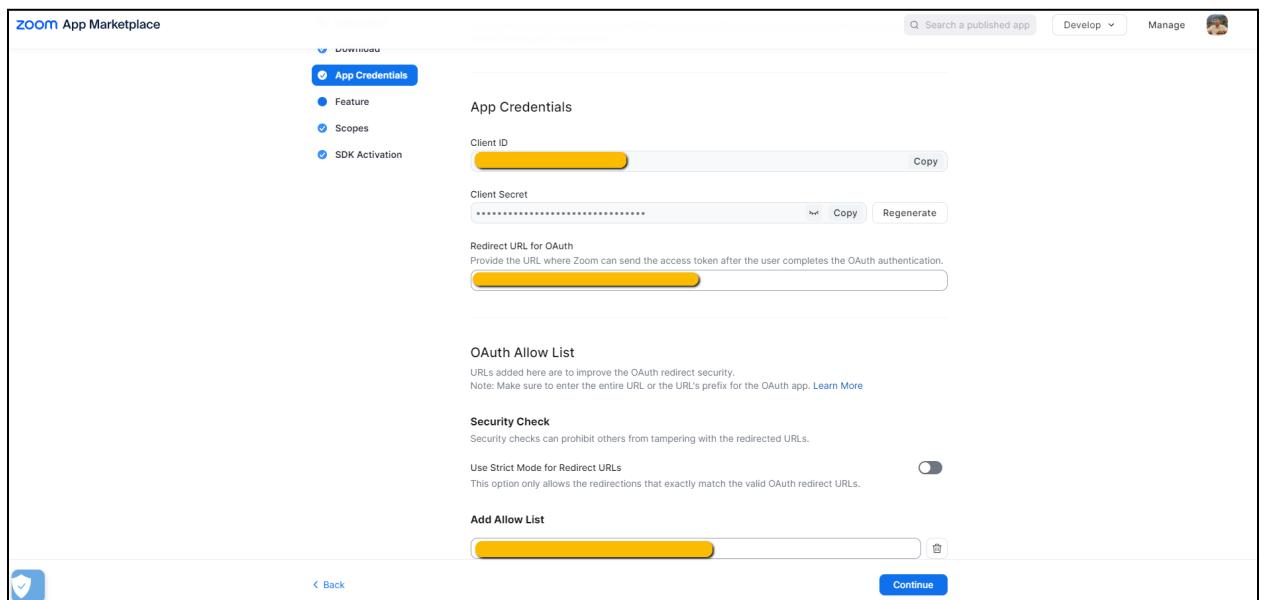


- Fill the basic details in the information tab and click continue



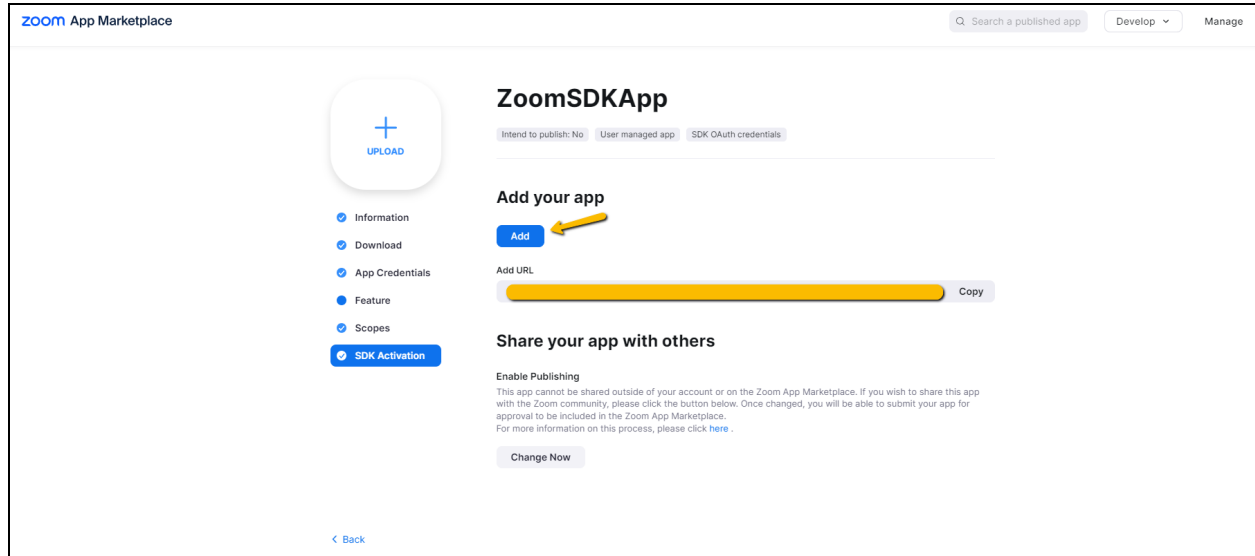
The screenshot shows the 'Zoom App Marketplace' interface for creating a new app. The 'Information' tab is selected in the left sidebar. The main content area is titled 'Information' and contains a 'Basic Information' section. This section includes fields for 'App Name' (filled with 'ZoomSDKApp'), 'Short Description' (filled with 'Zoom SDK App'), and 'Long Description' (filled with 'Zoom SDK app'). A 'Continue' button is located at the bottom right of the form.

- Skip the download tab and copy the client Id and client secret to configure in the API ID and API Secret. And add the required scopes.



The screenshot shows the 'Zoom App Marketplace' interface for creating a new app, specifically the 'App Credentials' tab. The left sidebar shows 'App Credentials' as the selected tab. The main content area is titled 'App Credentials' and includes fields for 'Client ID' (with a 'Copy' button), 'Client Secret' (with 'Copy' and 'Regenerate' buttons), and 'Redirect URL for OAuth' (with a placeholder text: 'Provide the URL where Zoom can send the access token after the user completes the OAuth authentication.'). Below these fields is an 'OAuth Allow List' section with a note about improving OAuth redirect security. A 'Security Check' section is also present, with a toggle for 'Use Strict Mode for Redirect URLs'. At the bottom, there is an 'Add Allow List' section with a placeholder text and a 'Continue' button.

- Finally, activate the app by clicking the Add button.



Integration Configuration:

Below mentioned actions have been included in this connected system:

| | |
|---------------------------|---|
| Create a Meeting | To create a zoom meeting and get the meeting ID and password |
| Get a Meeting | To get meeting details, provide the meeting ID. |
| List all Meetings | To get all the the meetings of the user |
| Update a Meeting | To update meeting details by providing the meeting ID. |
| Delete a Meeting | To delete a meeting by providing the meeting id |
| Get Meeting Recordings | To get the recordings of a meeting, provide the meeting ID. |
| Delete Meeting Recordings | To delete the recordings of a meeting permanently by providing the meeting ID |

Create a Meeting :

Parameters:

Topic - Topic for the Zoom Meeting to be created.

Agenda - Agenda of the Meeting.

Password - Password for Meeting.

Timezone - Timezone the meeting should be scheduled.

Enable Waiting Room - Set it true to enable waiting room for the meeting.

Start Time - Enter the start time of the meeting in yyyy-mm-ddThh:mm:ss format

Duration - Provide the duration of the meeting in minutes.

Enable Recording - Set it true to enable recording

Join Before host - Set it true to join participants before host.

The screenshot displays a REST client interface with two main panels. The left panel, titled 'Connected System *', shows a dropdown menu for 'Operation' with 'Create a Meeting' selected. Below this, there are input fields for 'Topic' (containing 'Topic'), 'Agenda' (containing 'agenda'), 'Password' (containing '1234'), 'Timezone' (set to 'IST'), 'Enable Waiting Room' (set to 'No'), 'Start Time' (containing '2023-11-02T09:45:00'), 'Duration' (containing '60'), 'Enable Recording' (set to 'No'), and 'Join Before host' (set to 'No'). A 'TEST REQUEST' button is at the bottom. The right panel shows the 'Result' tab with a green 'Success!' banner. Below this, it displays the 'Time' taken (529 ms) and the 'Value: Result' which is a JSON object containing various meeting settings like encryption_type, breakout_room, sign_language_interpretation, and many others, all with their respective values and data types.

Update a Meeting :

Parameters:

Meeting Id - Id of the meeting to be updated.

Topic - Topic for the Zoom Meeting to be updated.

Agenda - Agenda of the Meeting.

Password - Password for Meeting.

Timezone - Timezone the meeting should be scheduled.

Enable Waiting Room - Set it true to enable waiting room for the meeting.

Start Time - Enter the start time of the meeting in yyyy-mm-ddThh:mm:ss format

Duration - Provide the duration of the meeting in minutes.

Enable Recording - Set it true to enable recording.

Join Before host - Set it true to join participants before host.

Connected System*

VA Zoom Connected System X

Operation*

Update a Meeting

Update a particular meeting details for the given meeting id.

Meeting id*

89015800729

Provide the id of the meeting to be updated

Topic

Topic updated

Agenda

agenda

Password

12345

Start Time

2023-11-02T09:45:00

Enter the start time of the meeting in yyyy-mm-ddThh:mm:ss format

Duration

60

Provide the duration of the meeting in minutes

Timezone

IST

Enable Waiting Room

Yes No

Provide true to enable waiting room

Enable Recording

Yes No

Join Before host

Yes No

Provide true to join participants before host

TEST REQUEST

Result Request Response

Success!

Time

183 ms

Prepare: <1 ms - Execute: 183 ms (Send/Wait/Receive: 180 ms) - Transform: <1 ms

Value: Result: i

Dictionary

Message "Successfully updated the meeting" (Text)

List all Meeting :

Parameters:

Page Size- Provide the number of meetings you need to get. Default : 30

Next page Token - Provide the next page token here. (You can get it from the response of the Integration itself.

Connected System*

VA Zoom Connected System X

Operation*

List all Meetings

Lists all the meetings of the user/account.

Page Size

40

Provide the number of meetings you need to get. Default : 30

Next Page Token

Provide the next page token here

TEST REQUEST

Result Request Response

Success!

Time

160 ms

Prepare: <1 ms - Execute: 160 ms (Send/Wait/Receive: 142 ms) - Transform: <1 ms

Value

Dictionary

success true (Boolean)

result Dictionary

next_page_token ~vGckM5Ec8E8502UOPYQIouWZ2NUwOthKEW2* (Text)

total_records 78 (Number (Decimal))

meetings List of Dictionary - 40 items

page_size 40 (Number (Decimal))

error null (Null)

authType Diagnostic

connectedSystem [Connected System:746345] (Connected System)

Get a Meeting :

Parameters:

Meeting Id - Id of the meeting to get

Connected System *
VA Zoom Connected System X

Operation *
Get a meeting
Get the meeting details for the provided meeting id

Meeting Id *
89015880729

TEST REQUEST

Result | Request | Response

Success!

Time
143 ms
Prepare: < 1 ms - Execute: 143 ms (Send/Wait/Receive: 124 ms) - Transform: < 1 ms

Value

- Dictionary
 - success **true** (Boolean)
 - result Dictionary
 - settings Dictionary
 - encryption_type **"enhanced_encryption"** (Text)
 - breakout_room Dictionary
 - enable **false** (Boolean)
 - sign_language_interpretation Dictionary
 - enable **false** (Boolean)
 - show_share_button **false** (Boolean)
 - registrants_confirmation_email **true** (Boolean)
 - focus_mode **false** (Boolean)
 - approved_or_denied_countries_or_regions Dictionary
 - enable **false** (Boolean)
 - continuous_meeting_chat Dictionary
 - enable **false** (Boolean)
 - auto_add_invited_external_users **false** (Boolean)
 - allow_multiple_devices **false** (Boolean)
 - meeting_authentication **false** (Boolean)
 - enable_dedicated_group_chat **false** (Boolean)
 - waiting_room **false** (Boolean)
 - alternative_hosts "" (Text)
 - alternative_host_update_polls **false** (Boolean)
 - device_testing **false** (Boolean)
 - participant_video **false** (Boolean)
 - audio **"voip"** (Text)
 - show_join_info **false** (Boolean)
 - in_meeting **false** (Boolean)
 - mute_upon_entry **false** (Boolean)
 - enforce_login_domains "" (Text)
 - request_permission_to_unmute_participants **false** (Boolean)

Delete a Meeting :

Parameters:

Meeting Id - Id of the meeting to delete.

Connected System *
VA Zoom Connected System X

Operation *
Delete a Meeting
Delete a particular meeting for the given meeting id.

Meeting Id *
89015880729

TEST REQUEST

Result | Request | Response

Success!

Time
236 ms
Prepare: < 1 ms - Execute: 236 ms (Send/Wait/Receive: 220 ms) - Transform: < 1 ms



Value: Result

- Dictionary
 - Message **"Successfully deleted the meeting"** (Text)

Get Meeting Recording :

Parameters:

Meeting Id - Id of the meeting to Get recorded

Connected System *
 VA Zoom Connected System 

Operation *

Get Meeting Recording ▼

To get the recordings of the particular meeting for the given meeting Id

Meeting Id *

89015880729

TEST REQUEST

Delete Meeting Recording :


Parameters:

Meeting Id - Id of the meeting to Delete Recording

Connected System *

 VA Zoom Connected System 

Operation *

Delete meeting recording 

To delete the recordings of a particular meeting for the given meeting Id.

Meeting Id *

89015880729

TEST REQUEST