Configure Zoom integration for Kaltura On-Prem using Server-to-Server OAuth

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This article is designated for administrators.

About

This article explains how to configure the **Zoom** integration for **Kaltura On-Prem** using **Server-to-Server OAuth**.

Use this procedure for new integrations and when migrating from JWT to Server-to-Server OAuth.

Server-to-Server OAuth replaces the legacy JWT-based integration, which is no longer supported. Remove any existing JWT-based Zoom integration before proceeding.

Server requirements

Before configuring Zoom, make sure the following requirements are met:

- The following plugins are installed in the `plugins.ini` configuration file:
  - **ZoomDropFolder**
  - **Zoom**
  - **Vendor**
- All relevant deployment scripts have been run
- In `vendor.ini`, the **ZoomAccount** section is empty (clientId, clientSecret, and verificationToken)
- Server code version:
  - **18.18.1** and above (kaltura-onprem-base-18.18.0-5.noarch.rpm) or **19.16.0** and above to support Server to Server OAuth
- Ansible version **v23.3.4** and above

Integration workflow

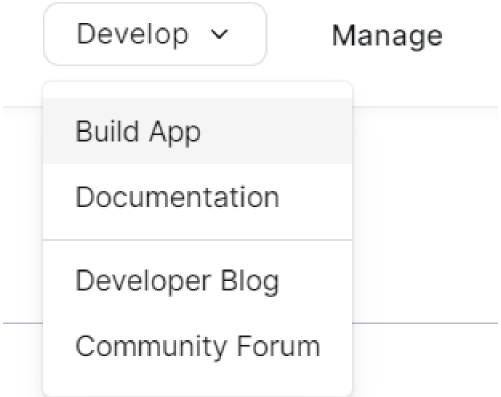
Account setup

To set up Zoom processing for a single partner ID (PID):

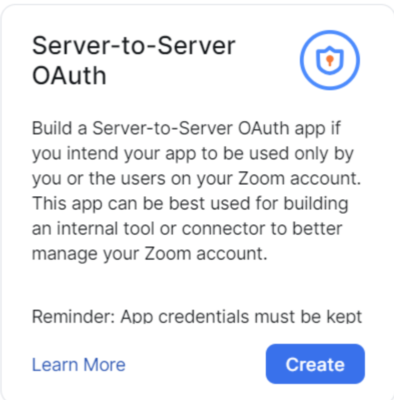
1. Create a Zoom Server-to-Server OAuth app
2. Set Zoom secrets in Ansible `zoomintegration` file
3. Deploy `vendor.ini` using Ansible
4. Create the Zoom vendor integration and drop folder

Create a Zoom server-to-server OAuth app

1. Go to the Zoom Marketplace at https://marketplace.zoom.us and sign in as a Zoom administrator.
2. From the **Develop** drop-down menu, select **Build App**.



3. Under **Server-to-Server OAuth**, click **Create**.

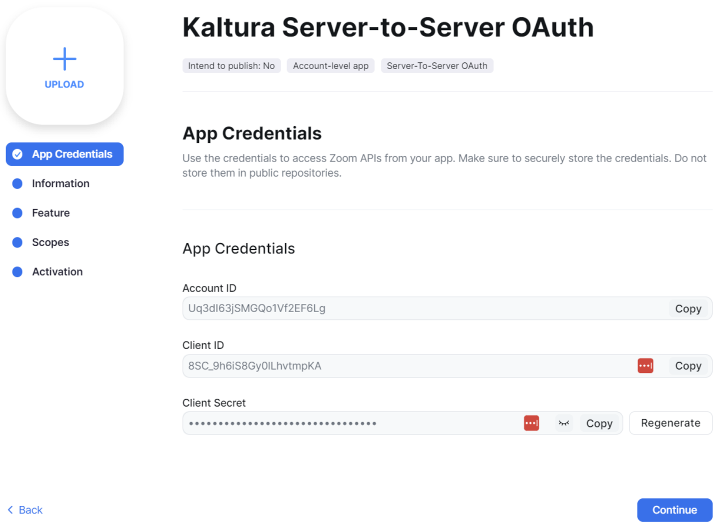


4. Name the app *Kaltura Server-to-Server OAuth*.

   From the **App Credentials** page, copy the following values (these are associated with a specific PID and are required later):

- Account ID (`zoom_account_id`)

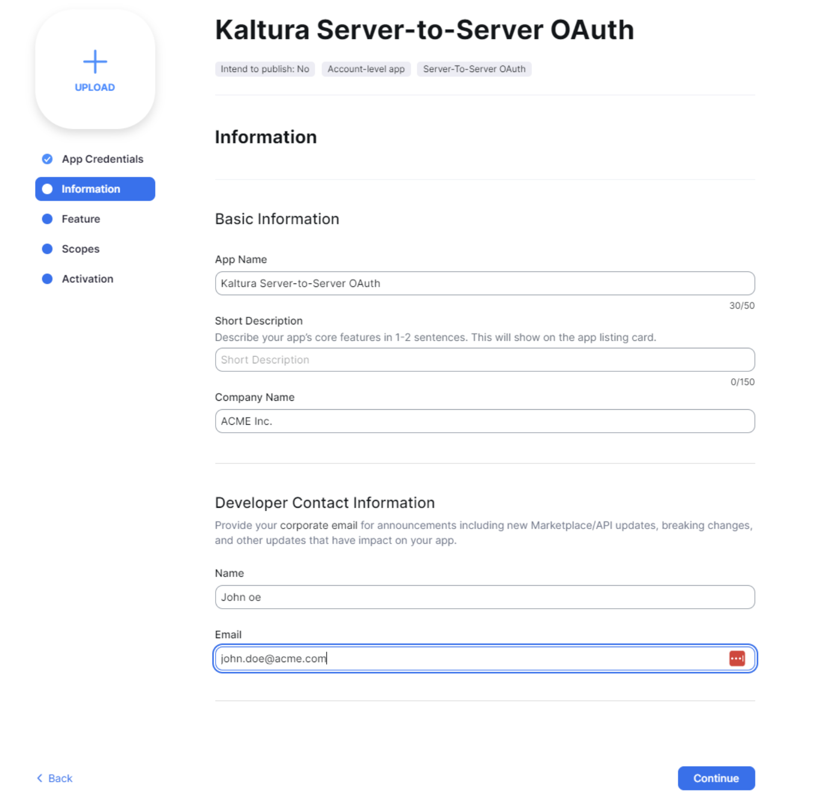
- Client ID (`zoom_client_id`)
- Client Secret (`zoom_client_secret`)



5. Click **Continue**.

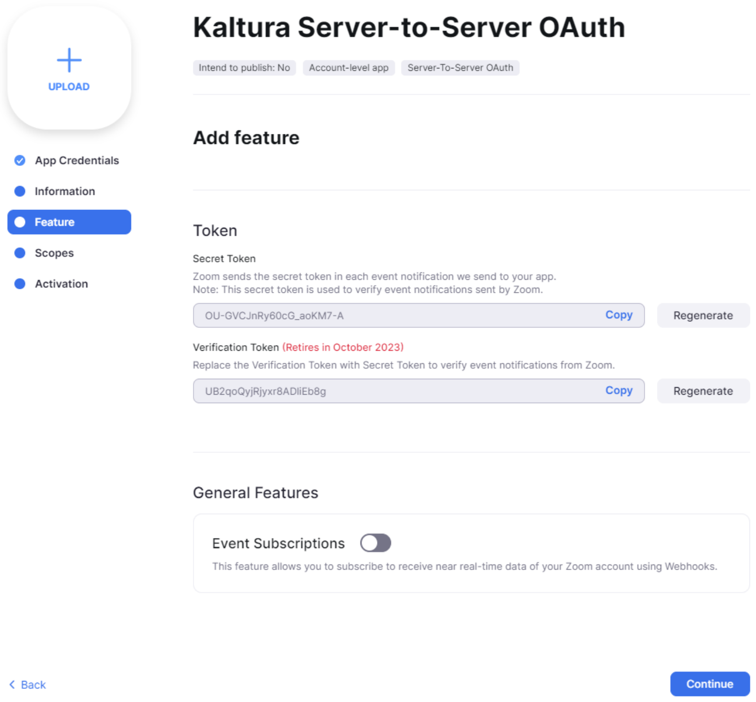
6. Select the **Information** tab, and complete the following:

- Company name
- Developer name and email



7. Click **Continue.**

8. Select the **Feature** tab, and copy the **Secret Token** (`zoom_secret_token`).

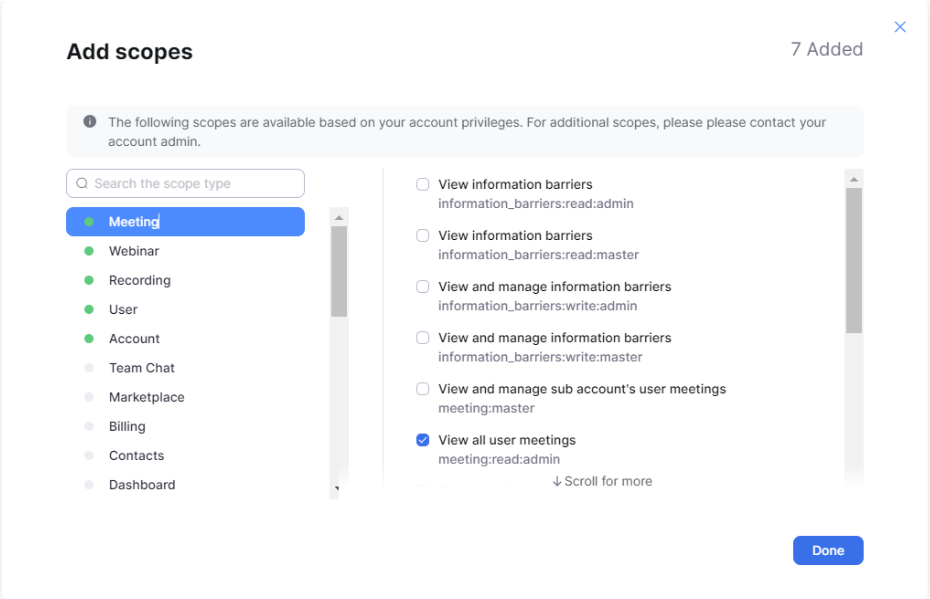


The Secret Token isn’t currently used by the integration, but it’s required for future event support.

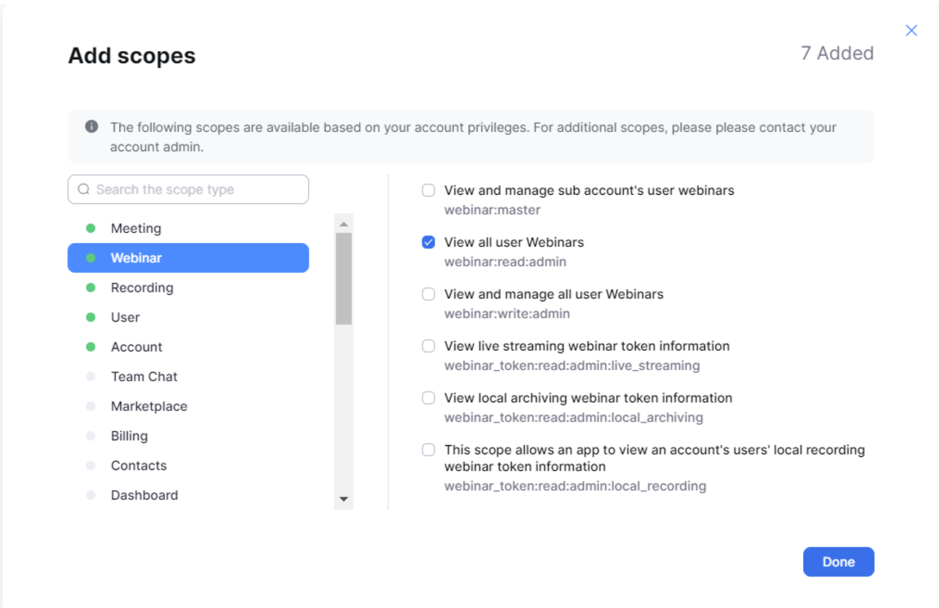
9. Select the **Scopes** tab, and click +**Add Scopes.**

10. In the 'Add scopes' window, use the left-hand sidebar to select each Scope Type and then check the required scope:

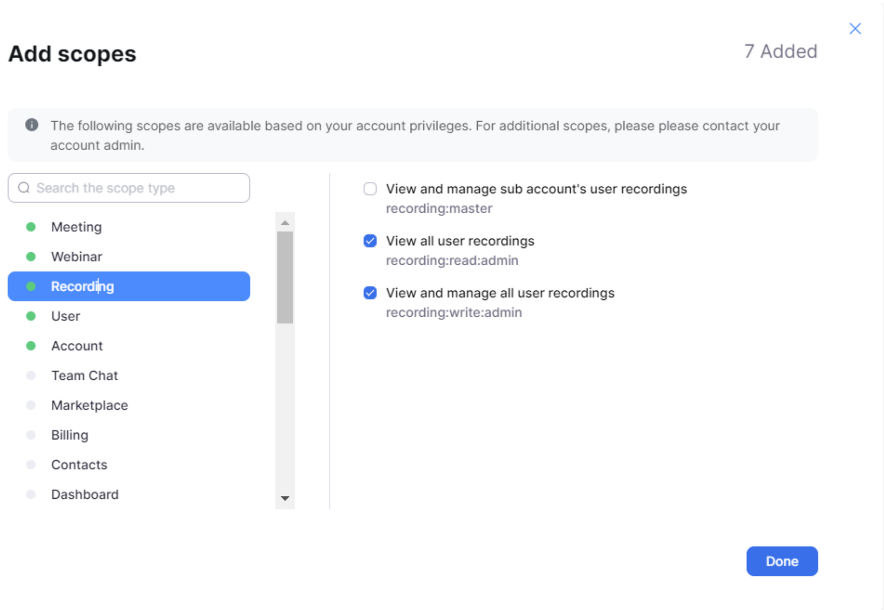
Meeting: `meeting:read:admin`



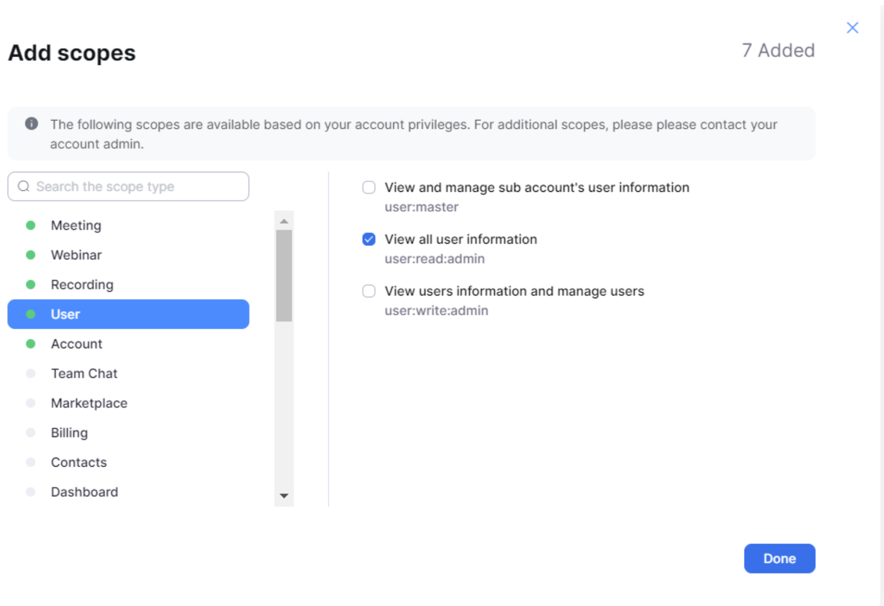
Webinar: `webinar:read:admin`



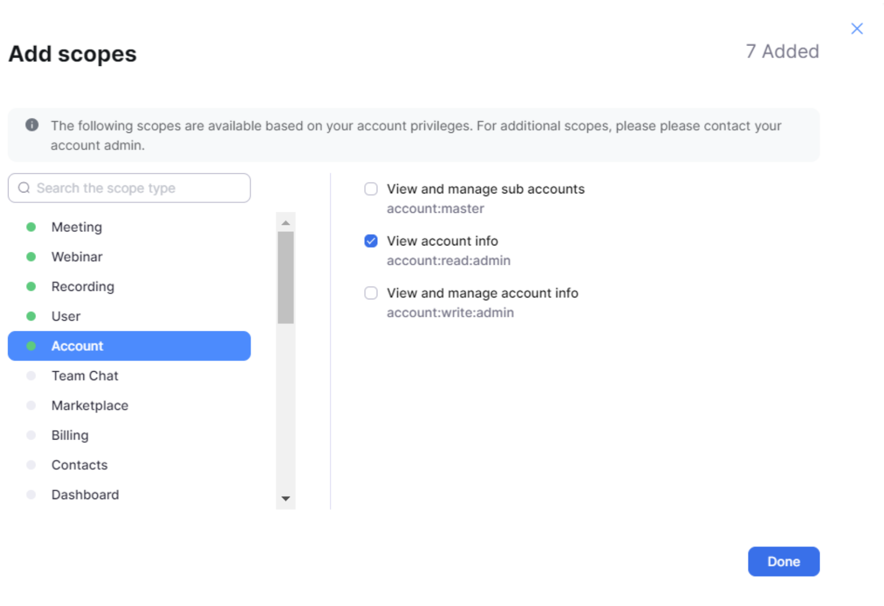
Recording: `recording:read:admin`, `recording:write:admin`



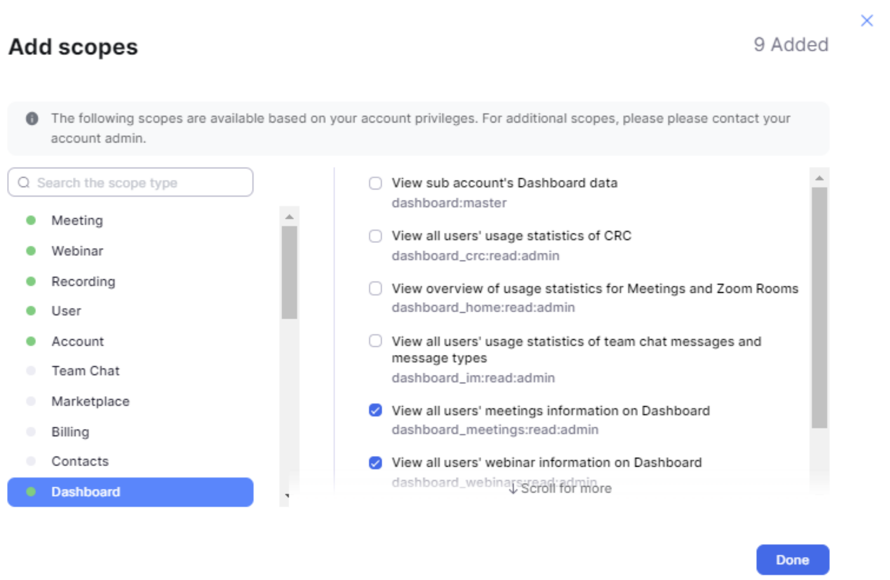
User: `user:read:admin`



Account: `account:read:admin`



Dashboard: `dashboard_meetings:read:admin`, `dashboard_webinars:read:admin`



Report: `report:read:admin`

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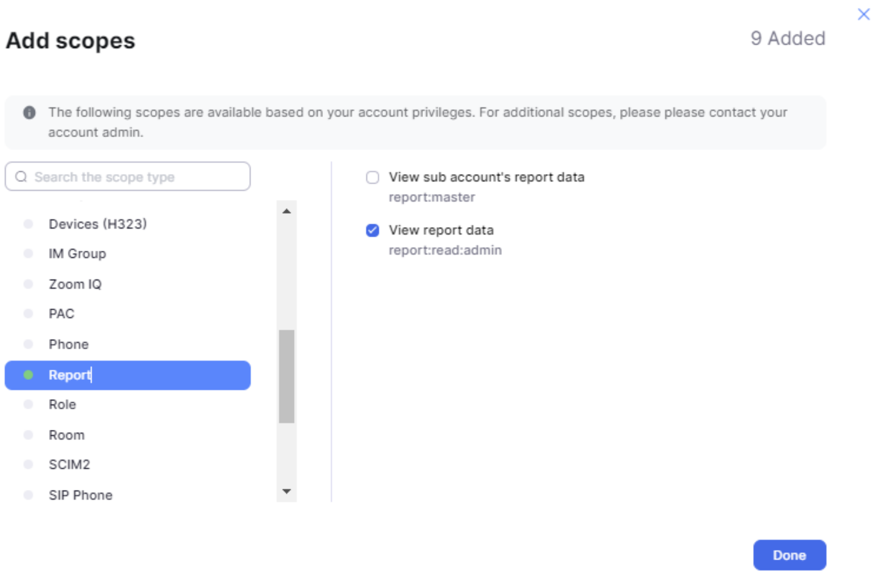
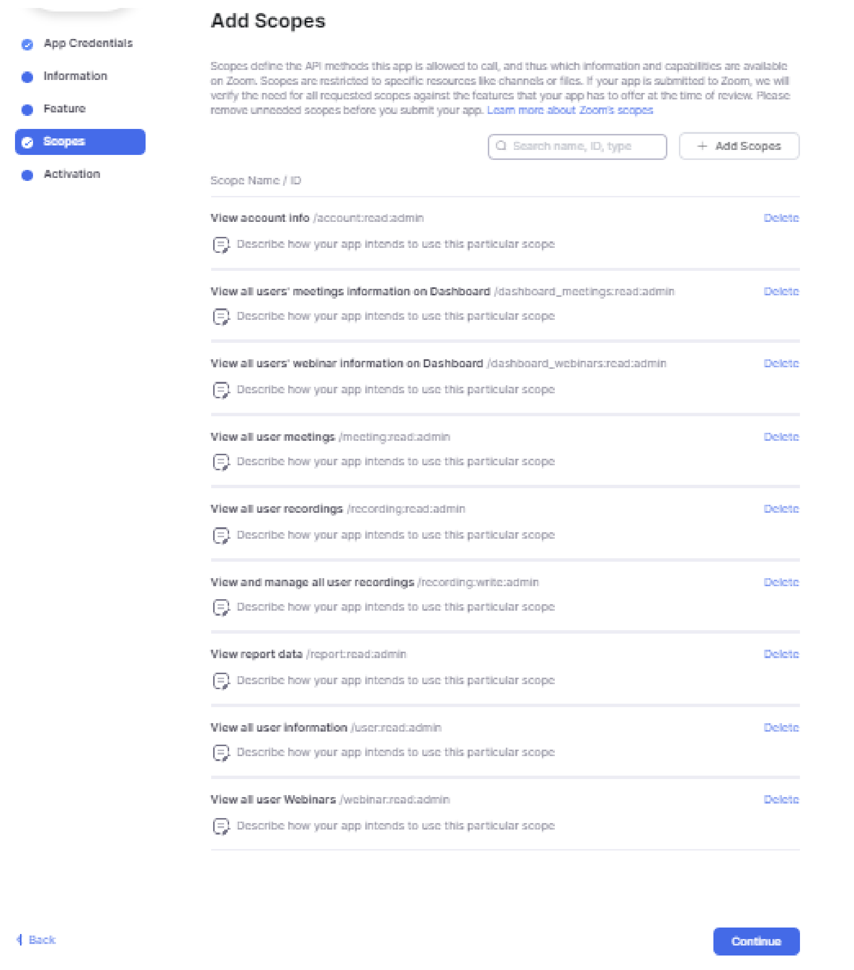


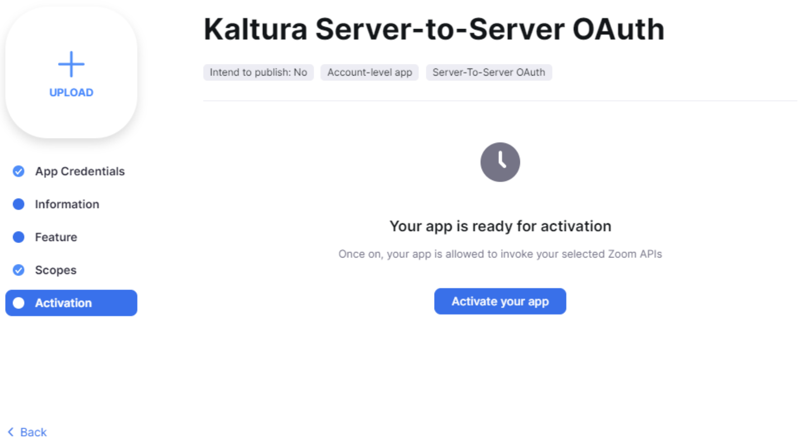
11. Click **Done.**

12. Confirm that the following **nine** scopes are listed in the app configuration, as shown below:

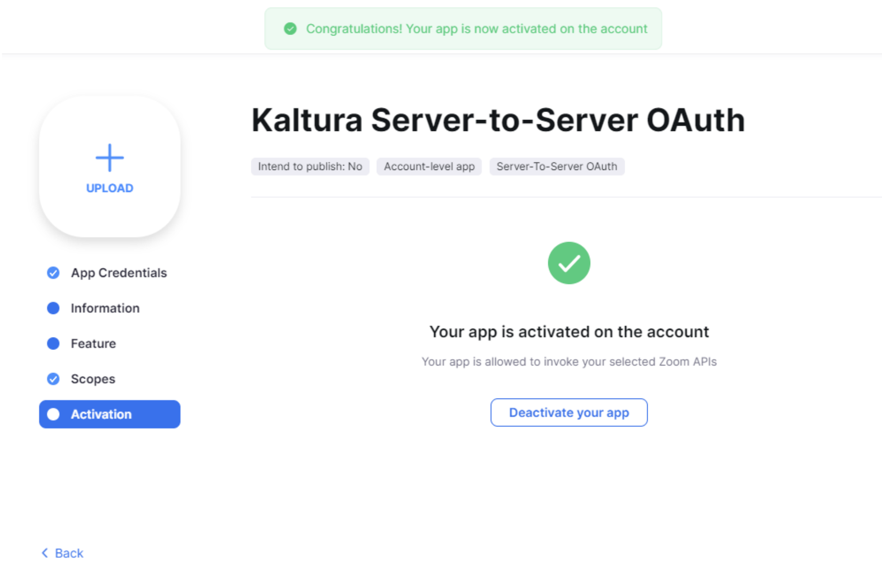


13. On the main Scopes page, click **Continue**.

14. To activate the app, select the **Activation** tab from the left navigation, then click **Activate your app**.



A success message displays.



Set Zoom secrets in Ansible

1. SSH to the server running Ansible.
2. Open the Zoom integration file located under: `environment/<env_name>/group_vars/all/`
3. Uncomment the `zoom_server_to_server_applications` section if needed.
4. Set the `partner_id` to the PID that will use Zoom processing.
5. Set the following values:

- `zoom_account_id`
- `zoom_client_id`
- `zoom_client_secret`

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- zoom_secret_token

If multiple partners are required, duplicate the existing partner block under zoom_server_to_server_applications and update the values accordingly.

Deploy vendor.ini using Ansible

1. SSH to the server running Ansible.
2. Run the playbook in check mode to see the expected changes:

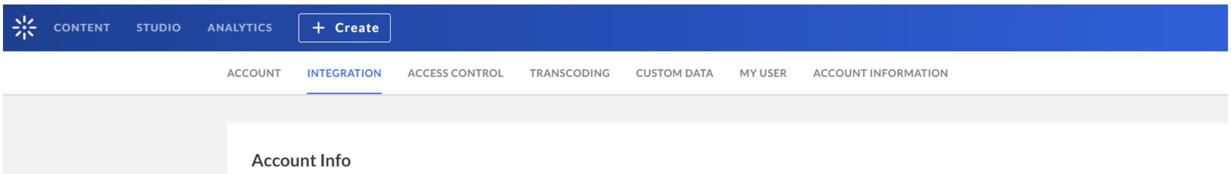
```
cd /etc/ansible
ansible-playbook playbooks/00-Install_01-11.yml --tags inifiles --check
```

3. Verify that only vendor.ini is affected.
4. Run the playbook as a real run:

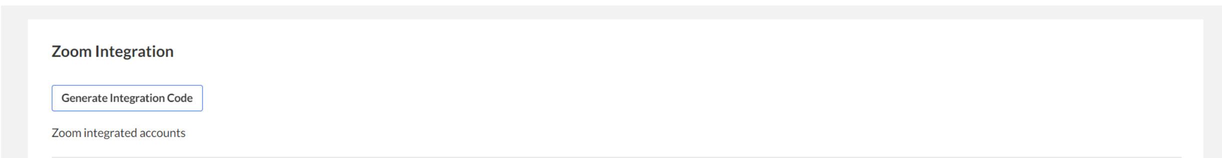
```
ansible-playbook playbooks/00-Install_01-11.yml --tags inifiles
```

Create the Zoom vendor integration and drop folder

1. In KMC for the relevant PID, go to **Settings** (gear icon) > **Integration**.



2. Generate the **Zoom integration code** (KS) and copy it.



3. In a text editor, copy and adjust the following URL:

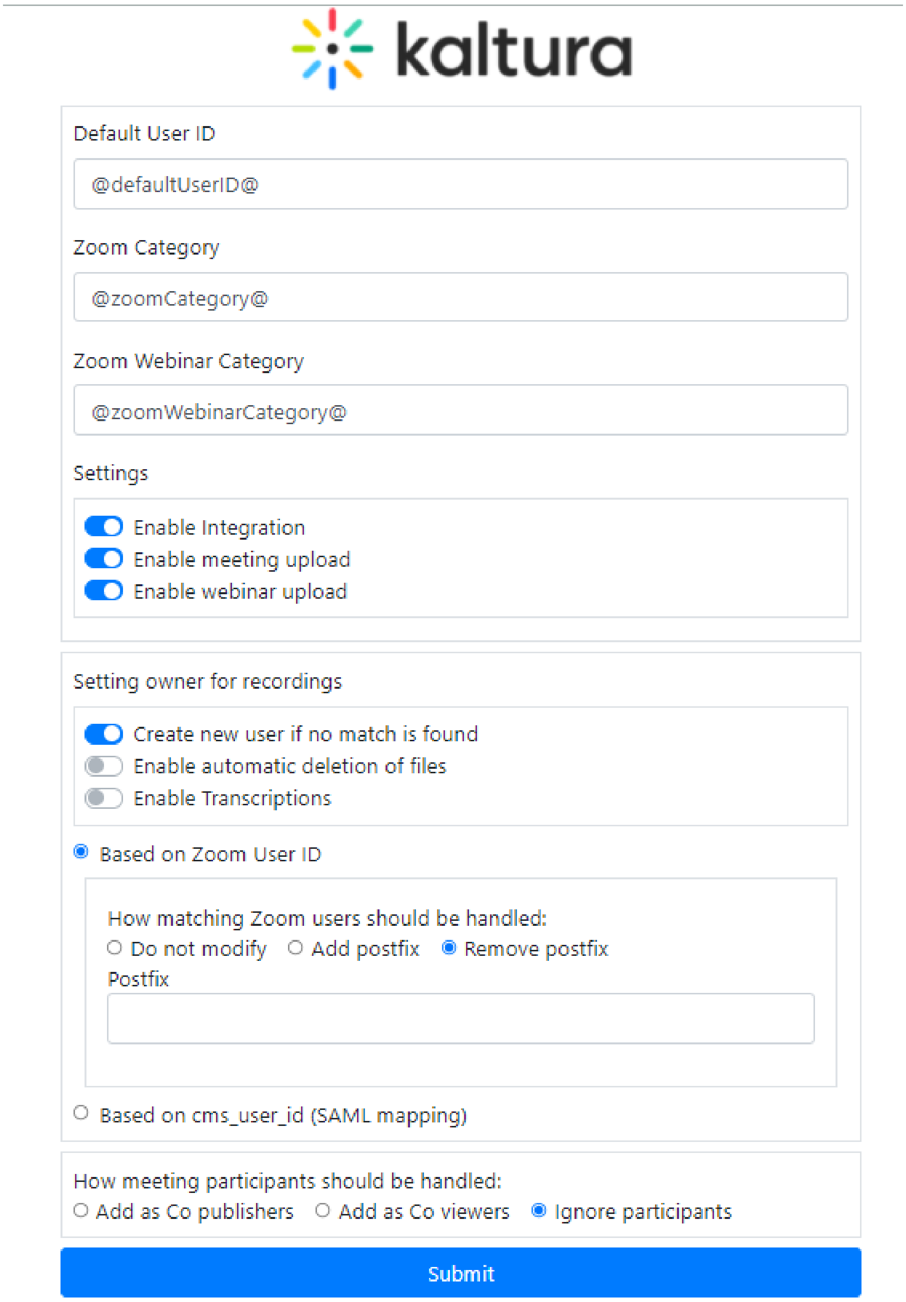
```
https://{api hostname}/api_v3/service/vendor_zoomvendor/action/localRegistrationPage?zoomAccountId={accountID}&ks={ks}
```

- change {api hostname} to your specific API hostname
- change {accountID} to the actual account ID you obtained from Zoom
- change {ks} to the Zoom Integration code (KS) obtained from KMC

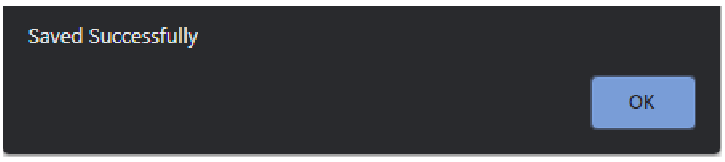
4. Open the URL in a new browser tab. The registration process creates the vendor

integration and Zoom drop folder for the partner.

5. Configure the integration settings as needed, toggle on **Enable Integration**, and then click **Submit**.



After submission, your configuration is saved on the vendor integration object, and a success message is displayed:



A Zoom drop folder is created automatically for the partner. Recordings from the Zoom account are uploaded into Kaltura.