PUBLIC

Document Version: 2023-04-21

Virtual Learning Service Configuration

Zoom Server-to-Server OAuth

SAP SuccessFactors

Contents

Overview

This guide provides detailed configuration information to enable SuccessFactors Learning to use Zoom as a Virtual Learning Service for instructor-led classes.

Note: It is strongly recommended that you work with a Zoom partner to register your Zoom app and complete the required tasks within Zoom App Marketplace.

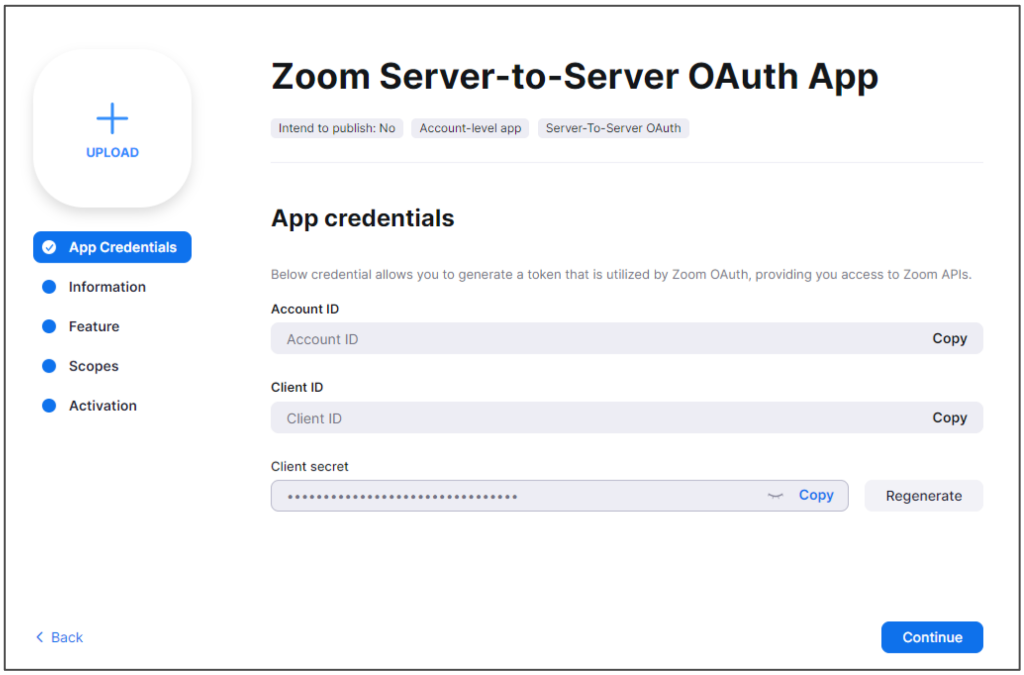
Considerations

- The instructor's ID is their Zoom email address. No password is required.
- Users can join a Zoom meeting or webinar through a URL, but only users that are registered for the class receive credit for attendance.

Configuration Within Zoom App Marketplace

Create the App

1. Log in to the Zoom App Marketplace (https://marketplace.zoom.us/).
2. Use the **Develop** dropdown to choose **Build App**. From the **Choose your app type** page, navigate to **Server-to-Server OAuth** and then choose **Create**.
3. Enter an App Name, then choose **Create.**
4. On the **App Credentials** page, copy the **Account ID**, **Client ID**, and **Client Secret** and then save in a secure, temporary location. These values are required when setting up the integration in SuccessFactors Learning Administration. Choose **Continue**.



5. Provide required information on the **Information** page, then choose **Continue.**

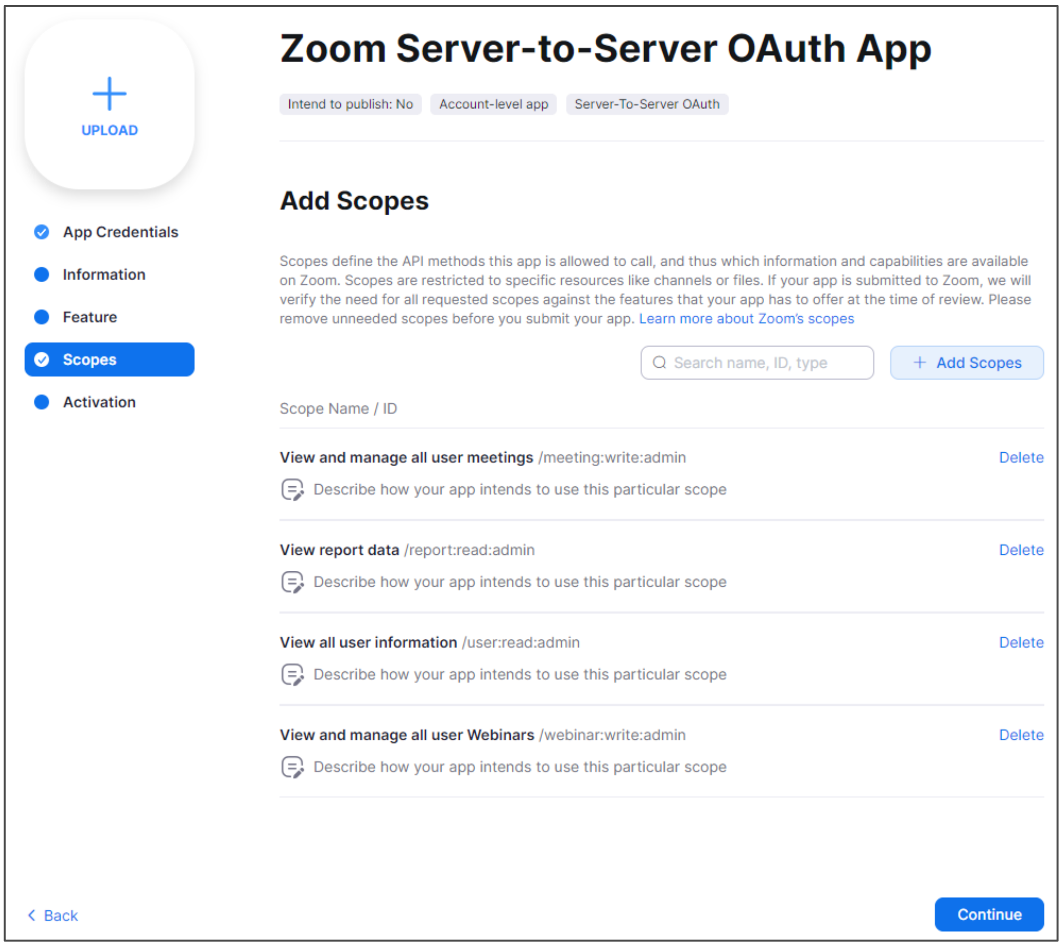
   Nothing is required on the **Feature** page. Choose **Continue**.

6. On the **Scopes** page, choose **+ Add Scopes**.

   Add the following scopes:

Scope Name	ID	Purpose
View and manage all user meetings	meeting:write:admin	Used by the Learning API to schedule, update, and delete meetings.
View report data	report:read:admin	Used by the Learning API to process meeting and webinar attendance.
View all user information	user:read:admin	Used by the Learning API to allow users to join a meeting.
View and manage all user Webinars	webinar:write:admin	Used by the Learning API to schedule, update, and delete webinars.

Note: Scopes are granted to the app and used by the APIs in Learning to communicate with Zoom. For more information on how these scopes are used, please visit OAuth scopes (zoom.us).



7. After you've added the required scopes, choose **Continue**.
8. On the Activation page, choose **Activate your app**.

Configuration Within SuccessFactors Learning

When you configure the Virtual Learning Service (VLS), you create an API connection to a virtual meeting room vendor. That connection manages the virtual training sessions: learners can launch them from their assignments and learning administrators can schedule them from the administration environment.

Download the Configuration Template

1. Go to Support Downloads (http://help.sap.com/disclaimer?site=https://launchpad.support.sap.com/#/softwarecenter/template/products/_APP=00200682500000001943&_EVENT=DISPHIER&HEADER=Y&FUNCTIONBAR=N&EVENT=TREE&NE=NAVIGATE&ENR=73554900100900003171&V=INST).
2. Follow the instructions to download the latest version of the VLS configuration templates. When you download the VLS configuration templates, they download as a .zip file to your workstation.
3. Open the .zip file you downloaded and look for the Zoom file, `Zoom.txt`.

Create a New VLS Configuration File

If this is the first time you are creating a Zoom VLS Configuration file, use this section to complete the required steps. If you've already created the configuration file, skip to **Update the VLS Configuration File**.

1. Go to SuccessFactors Learning Administration > System Administration > Configuration > System Configuration and edit LMS_ADMIN.
2. In the LMS_ADMIN file, find `vleEnabled` and change its value to `true`. If you have created previous VLS configuration files, this will already be set to `true.`
3. Go to System Administration > Configuration > VLS Configuration and choose **Add New**.
4. Paste the contents of `Zoom.txt` into the text area.
5. Edit the file and paste the values you copied from Zoom App Marketplace into the corresponding elements, as described in the following table:

Element	Value to Use in the File
account_id	The value in the Account ID field on the App Credentials page in Zoom App Marketplace.
api_key	The value in the Client ID field on the App Credentials page in Zoom App Marketplace.
password	The value in the Client secret field on the App Credentials page in Zoom App Marketplace. This value is encrypted once saved in the configuration file and isn't visible to administrators.

6. Choose **Save**.

Update the VLS Configuration File

If you’ve previously created a Zoom VLS Configuration file, use this section to complete the required steps.

1. Go to System Administration > Configuration > VLS Configuration and choose the Zoom configuration file.
2. Insert a new element, `account_id`, above the existing `api_key`. This new element is required to provide the Account ID.
3. Edit the file and paste the values you copied from Zoom App Marketplace into the corresponding elements, as described in the following table:

Element	Value to Use in the File
account_id	The value in the Account ID field on the App Credentials page in Zoom App Marketplace.
api_key	The value in the Client ID field on the App Credentials page in Zoom App Marketplace.
password	The value in the Client secret field on the App Credentials page in Zoom App Marketplace. This value is encrypted once saved in the configuration file and isn’t visible to administrators.

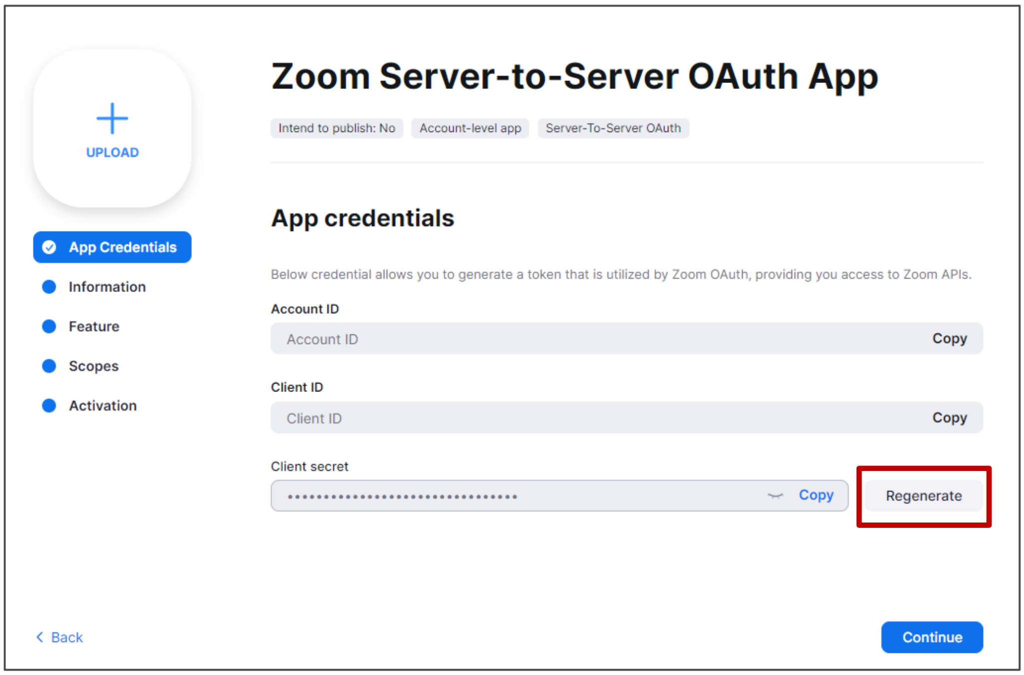
4. Choose **Save**.

Maintenance

Generating a New Client Secret

Each time the client secret expires, you need to generate a new secret in Zoom App Marketplace and then update the VLS configuration file in SuccessFactors Learning with the new value.

1. Within Zoom App Marketplace, navigate to **Manage > Created Apps** and then choose the app for which you'd like to regenerate the client secret.
2. On the **App Credentials** page, choose **Regenerate** (next to the **Client secret** field).



3. Copy the Client secret and then save in a secure, temporary location. This value is required when updating the configuration file in SuccessFactors Learning Administration.

Update the Zoom VLS Configuration File with a New Client Secret

1. Generating a New Client Secret.
2. Go to SuccessFactors Learning Administration > System Administration > Configuration > VLS Configuration and search for and edit your Zoom configuration file.
3. In the `password` element, paste the new client secret. This value is encrypted once saved in the configuration file and isn't visible to administrators.
4. Choose **Save**.

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