



PUBLIC

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Virtual Learning Service Configuration

Webex Meeting Center

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Overview

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

Note: It is strongly recommended that you work with a Webex partner to register your Webex Meeting Center app and complete the required tasks within Webex Developer Portal.

Considerations

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

Configuration Within Webex Developer Portal

Create the App

1. Log in to the Webex Developer Portal (<https://developer.webex.com/>)
2. Choose **Start Building Apps**. From the **Create a New App** page, choose **Create an Integration**.
3. For “Will this integration use a mobile SDK,” choose **No** (default selection).
4. Enter an Integration Name, App Hub Description, and choose an Icon (required).
5. In the **Redirect URI(s)** field, enter the following using your Learning root URL where indicated:

`https://<your Learning root URL>/learning/vle/webex_api_key_view.jsp`

Redirect URI(s)* One or more URIs that a user will be redirected to when completing an OAuth grant flow.	<input type="text" value="https://<your Learning root URL>/learning/vle/webex_api_key_view.jsp"/> + Add URI
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For example, if your Learning URL is saphana001.sapsf.com, enter `https://saphana001.sapsf.com/learning/vle/webex_api_key_view.jsp` in the **Redirect URI(s)** field.

6. In the **Scopes** section, select the following scopes:

Scope ID	Purpose
meeting:participants_read	Used by the Learning API to retrieve meeting attendance.
meeting:admin_participants_read	Used by the Learning API to process meeting attendance.
meeting:admin_schedule_read	Used by the Learning API to enroll or withdraw users from a virtual time slot.
meeting:admin_schedule_write	Used by the Learning API to create, manage, and cancel meetings.
spark-admin:people_read	Used by the Learning API to allow users to join a meeting.
spark-admin:people_write	Used by the Learning API to register users for a virtual time slot.

Note: Scopes are granted to the app and used by the APIs in Learning to communicate with Webex. For more information on how these scopes are used, please visit [Webex - Meetings API Scopes](#).

- After you've added the required scopes, choose **Add Integration**.
- Once your integration has been created, copy the **Client ID**, and **Client Secret** from the **OAuth settings** section and then save in a secure, temporary location. These values are required when setting up the integration in SuccessFactors Learning Administration.

Note: The Client Secret value can't be copied again after you choose **Copy**, even if you navigate away from the page and come back. If you choose **Copy** but don't save the value, you'll need to [generate a new client secret](#).

OAuth settings
Learn more about authentication in the [Apps & OAuth Guide](#).

Client ID
Your Client ID Copy

Client Secret
Your Client Secret Copy

- Copy and paste the contents of the **OAuth Authorization URL** field into a new browser window.

OAuth Authorization URL

`https://webexapis.com/v1/authorize?
client_id=...
...
admin%3Apeople_read&state=set_state_here`

- Sign into Webex and accept the new permissions as prompted. The Webex Access Code page will load. Copy the Access Code and then save in a secure, temporary location. This value is required when setting up the integration in SuccessFactors Learning Administration.

Webex Access Code

Access Code `https://www.webex.com/join/join.aspx?url=...&code=...`

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.

Create a New 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. Select Webex Meeting Center from the **VLS Vendor** dropdown list to populate the default configuration template.
5. Edit the file and paste the values you copied from Webex into the corresponding elements, as described in the following table:

Element	Value to Use in the File
<code>client_id</code>	The value in the Client ID field, found in the OAuth settings section of the integration created in the Webex Developer Portal.
<code>client_secret</code>	The value in the Client Secret field, found in the OAuth settings section of the integration created in the Webex Developer Portal.
<code>api_access_code</code>	The Webex Access Code generated from the OAuth Authorization URL, found in the OAuth settings section of the integration created in the Webex Developer Portal.
<code>redirect_url</code>	The value entered in the Redirect URI(s) field of the integration created in the Webex Developer Portal.

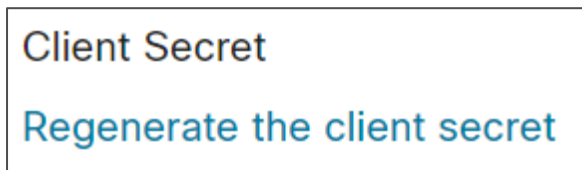
6. Provide a value in the **VLS ID** field (required) and in the **Description** field (optional).
7. To save the configuration, choose **Add**.

Maintenance

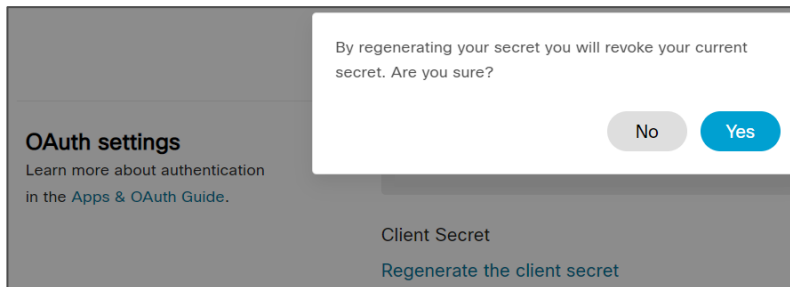
Generate a New Client Secret

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

1. Within Webex Developer Portal, navigate to **My Webex Apps** and then choose the app for which you'd like to regenerate the client secret.
2. In the **OAuth settings** section, choose **Regenerate the client secret**.

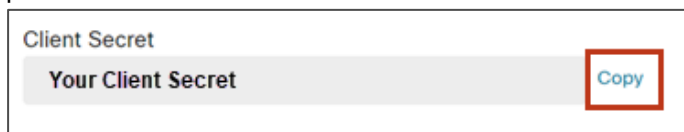


A warning message will appear. Choose **Yes** to continue.



3. Copy the new **Client Secret** and then save in a secure, temporary location. This value is required when updating the integration in SuccessFactors Learning Administration.

Note: The Client Secret value can't be copied again after you choose **Copy**, even if you navigate away from the page and come back. If you choose **Copy** but don't save the value, you'll need to restart this process.



Update the Webex VLS Configuration File with a New Client Secret

1. [Generate a New Client Secret.](#)
2. Go to SuccessFactors Learning Administration > System Administration > Configuration > VLS Configuration and search for and edit your Webex REST configuration file.
3. In the `client_secret` element, paste the new client secret.
4. To save, choose **Apply Changes**.