Virtual Learning Service Configuration
Webex Meeting Center

SAP SuccessFactors ♡

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Contents

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

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.
    Learn more

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

    ⊕ Add URI

    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.

7. After you've added the required scopes, choose **Add Integration**.

8. 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.

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

10. 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.

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 Webex file, `webex_rest.txt`.

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. Paste the contents of `webex_rest.txt.` into the text area.

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
client_id	The value in the Client ID field, found in the OAuth settings section of the integration created in the Webex Developer Portal.
client_secret	The value in the Client Secret field, found in the OAuth settings section of the integration created in the Webex Developer Portal. This value is encrypted once saved in the configuration file and isn't visible to administrators.
api_access_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.
redirect_url	The value entered in the Redirect URI(s) field of the integration created in the Webex Developer Portal.

6. Choose **Save**.

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.**
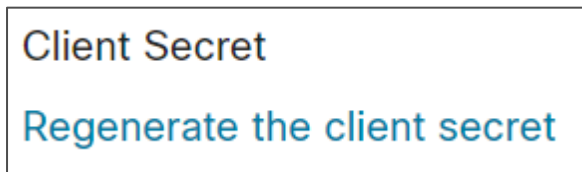
    A warning message will appear. Choose **Yes** to continue.
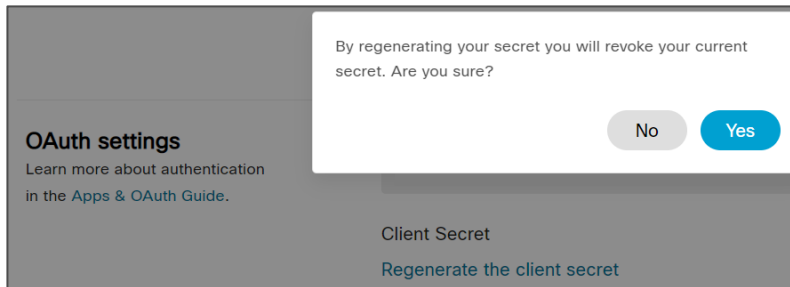
3. Copy the new **Client Secret** and then save in a secure, temporary location. This value is required when updating the integration in SuccessFactors Learning Administration.

    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. This value is encrypted once saved in the configuration file and isn't visible to administrators.

4. Choose **Save**.

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