

PeopleFluent Learning

Microsoft Teams Integration Guide

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About this Document

Introduction

This document describes how to configure Microsoft Office 365 to integrate Microsoft Teams with PeopleFluent Learning. Microsoft Teams integration enables LMS system administrators to set up virtual classroom accounts for Teams so that learners can launch courses from the LMS that are delivered via Teams events.



Microsoft Teams integration is available with PeopleFluent-hosted (SaaS) customers with the Learning License only.

Document Information

Revision Information	
Revision Date:	November 11, 2024
Revised Document Version Number:	3.0
Details of Revision:	Updated content to reflect changes to Microsoft 365.

Microsoft Office 365 Set Up

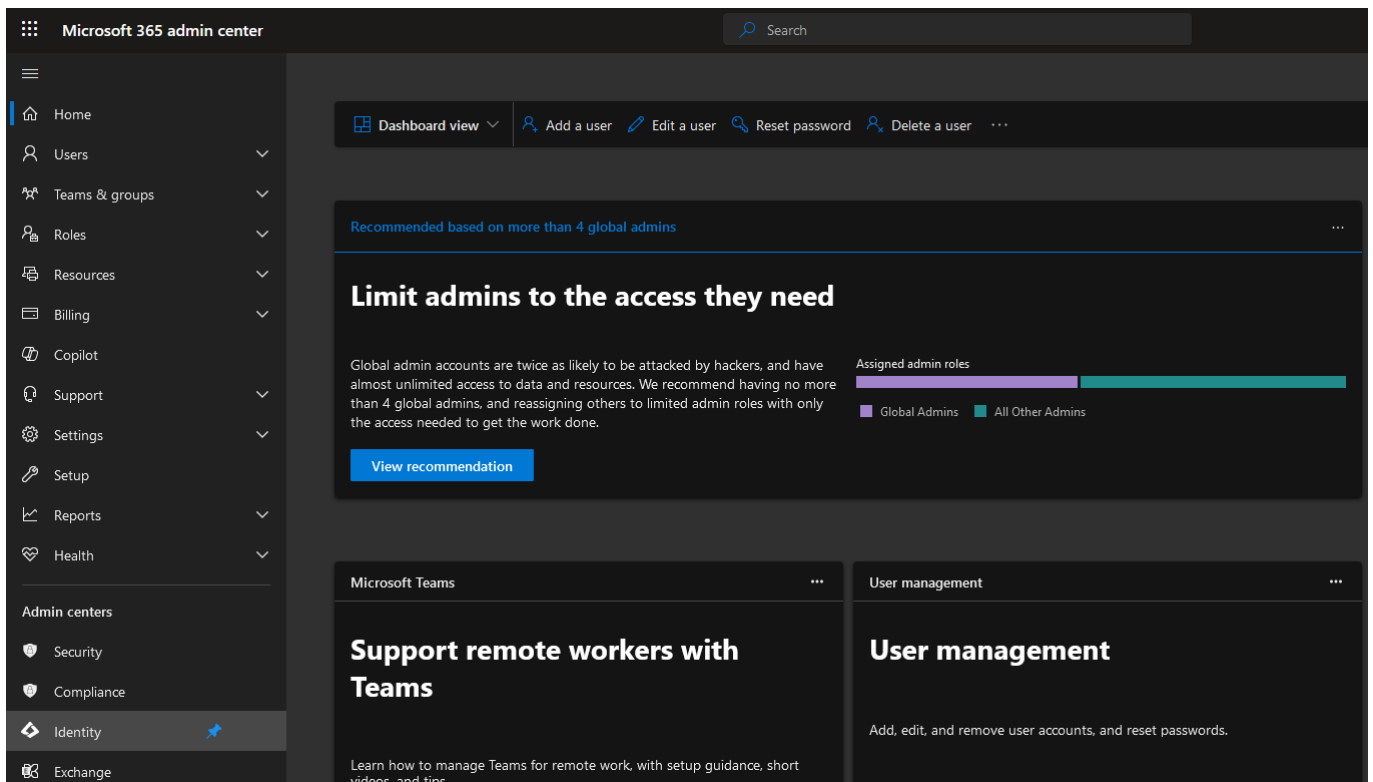
The following steps may need to be completed by whomever administers the Microsoft Office 365 accounts. Three pieces of information will be needed in the LMS, and these are noted on steps 9 and 14 below. Also, there is a URL from the LMS required on Step 7.

Register the Application in Azure Active Directory

While this only needs to take place once, it is possible to create multiple "applications" in Azure Active Directory. This will be necessary for customers who have test and production LMS sites.

To register the application in Azure Active Directory:

1. Log in to the Office 365 Admin Portal <https://portal.office.com/adminportal/home?#/homepage>.
2. On the left side, under Admin Centers, select **Identity**. The Microsoft Entra admin center opens in a new tab or window.



3. In the Microsoft Entra admin center, select **Identity** in the left menu.
4. Select **Applications** then **App Registrations**.
5. Select **+ New Registration**.

Register an application ...

*** Name**
The user-facing display name for this application (this can be changed later).

Supported account types
Who can use this application or access this API?

Accounts in this organizational directory only (State of Sunshine only - Single tenant)

Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant)

Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)

Personal Microsoft accounts only

[Help me choose...](#)

Redirect URI (optional)
We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios.

Select a platform ▼

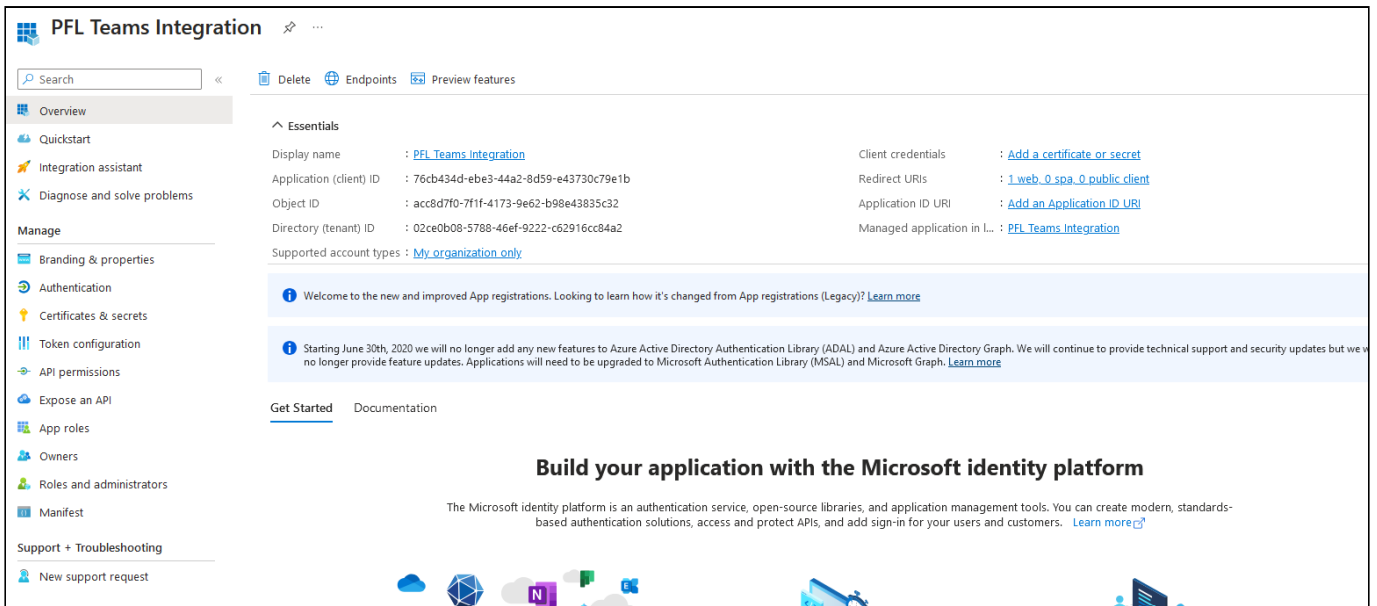
e.g. https://example.com/auth

Register an app you're working on here. Integrate gallery apps and other apps from outside your organization by adding from [Enterprise applications](#).

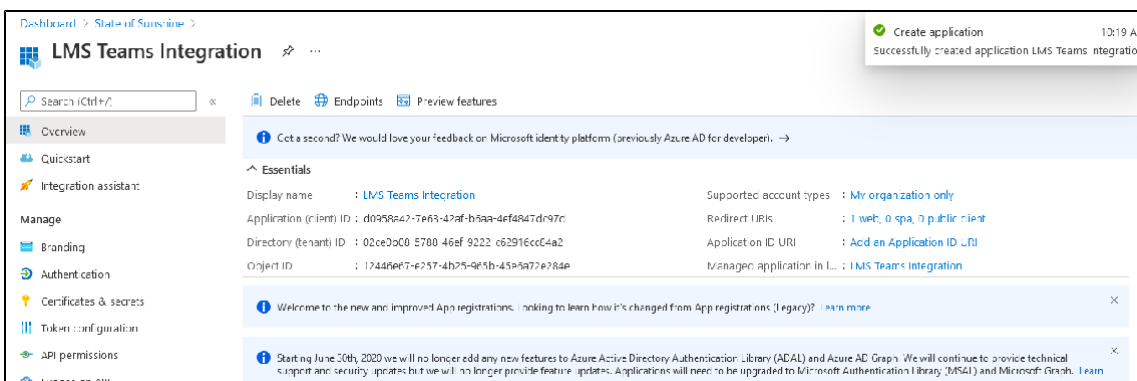
By proceeding, you agree to the [Microsoft Platform Policies](#) ↗

Register

6. Enter a name for the Application. This can be anything, but should reflect the LMS (for example, LMS Teams Integration or something similar).
7. Select **Web** and enter the Redirect URL in the following format: http{s}://{customer.domain}/{instance}/servlet/ekp/TEAMSPROCESSOR. {customer.domain} is the full domain for the LMS (customer.netdimensions.com) while {instance} is the second part of the URL (default is "ekp" but this is often changed for customers. This can also be found in your LMS under **Manage Center > Learning > Virtual Classroom Account Setup > + Create new > Select Microsoft Teams**.

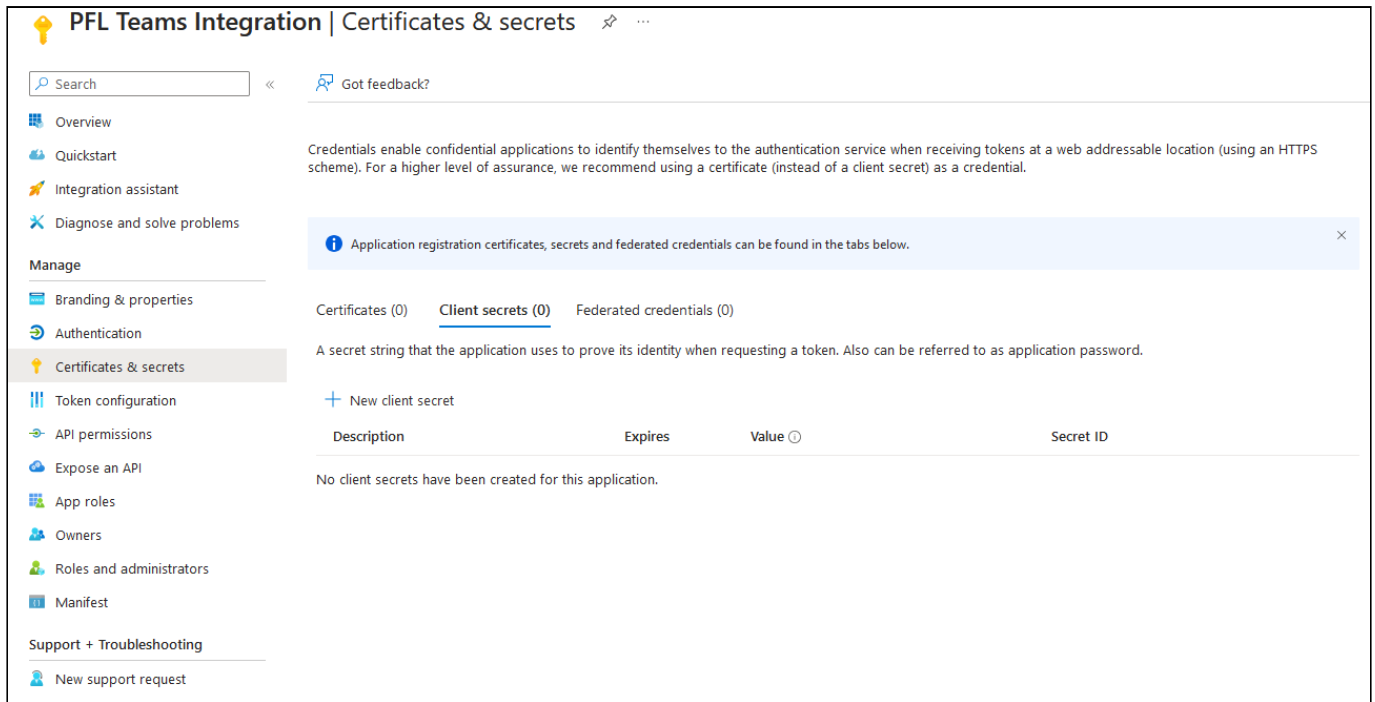


8. If not already open, open the App registration page.

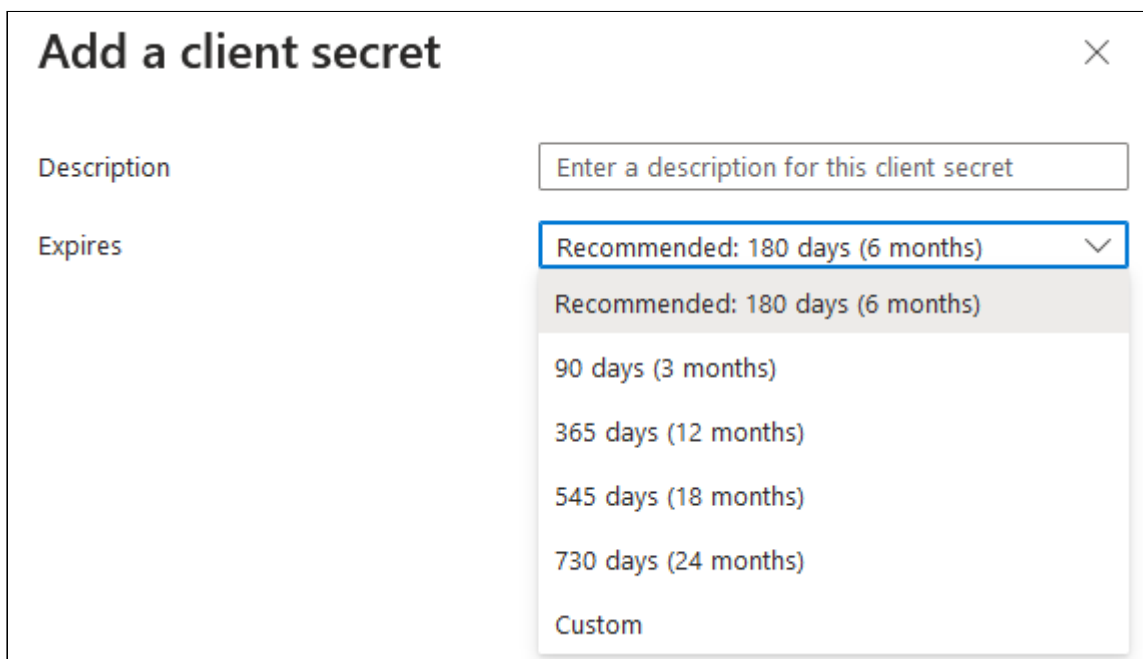


9. Copy the *Application (client) ID* and the *Directory (tenant) ID*. These values are needed as part of the Virtual Classroom Account Setup (see below) fields, *Client ID* and *Tenant ID*.

10. Select **Certificates & secrets** from the Manage menu on the left.



11. At the bottom, click **+ New client sec.**



12. Description is optional. Select an option to specify if or when the secret expires. Note that if the secret expires, a new secret will need to be created.

13. Click **Add**.

Client secrets

A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

+ New client secret

Description	Expires	Value	ID
Password uploaded on Mon Mar 29 2021	12/31/2299	R-l25~8oz.5q1U0BL6BYc-UwP_4pyYGBfv	dd8c9380-083c-4378-b283-5

14. Copy the **Value** of the secret you just created, not the ID. The client secret value is needed as part of the Virtual Classroom Account Setup below.

Set API Permissions

To set the API permissions


1. In the App Registrations page for the app, click the **API Permissions** link under Manage.
2. Click **Add a permission**. When the options appear, select **Microsoft Graph**.

Request API permissions

Select an API

Microsoft APIs APIs my organization uses My APIs

Commonly used Microsoft APIs



Microsoft Graph
 Take advantage of the tremendous amount of data in Office 365, Enterprise Mobility + Security, and Windows 10. Access Azure AD, Excel, Intune, Outlook/Exchange, OneDrive, OneNote, SharePoint, Planner, and more through a single endpoint.

3. Select **Delegated Permissions**.
4. Scroll down (or search) for OnlineMeetings and select the **ReadWrite** check box.

OnlineMeetings (1)

<input type="checkbox"/>	OnlineMeetings.Read ⓘ Read user's online meetings	-
<input checked="" type="checkbox"/>	OnlineMeetings.ReadWrite ⓘ Read and create user's online meetings	-

Once the information above is set up, everything else is done within the LMS. It is up to each customer how many Applications to register in Azure Active Directory. Only one is needed per LMS site because of the Redirect URL in Step 7.

LMS Set Up

Virtual Classroom Account Set Up

To set up a Microsoft Teams Virtual Classroom Account, go to **Manage Center > Learning > Catalog General Settings > Virtual Classroom Account Setup**. Accounts can be created, edited or deleted.

Home Overview Learning Talent Communicate Users Reports System

Virtual Classroom Account Setup >

Virtual Classroom Account Setup

Virtual Classroom Type

Microsoft Teams ▾

Display Name*

Required

Client ID*

Required

Client Secret*

Required

Tenant ID*

Required

Redirect URI

https://ui-masterdeployment.pf-dev.io/ekp/servlet/ekp/TEAMSPROCESSOR

Save Cancel

For Microsoft Teams, the entries are:

- **Display Name** - This is used in the LMS to display the account. It is used when creating a Virtual Classroom Session.
- **Client ID** - This is the client id created in Azure Active Directory above (step 9).
- **Client Secret** - This is client secret created in Azure Active Directory above (step 14).
- **Tenant ID** - This is the tenant id created in Azure Active Directory above (step 9).

Enter the values and click **Save**.

Create Virtual Classroom Module

1. Go to **Manage Center > Learning > Create Learning Module**. In the Catalog Editor, select Virtual Classroom and enter a Module ID.
2. To designate the Teams account, go to **4.1 Define Launch Properties** and select **Microsoft Teams** and then select the Microsoft Teams account as set up above. There can be more than one account.

Web Launch Interface Specifications

Teams 101 (Teams101)

Web Interface

By default, learning modules are launched using a generic HTML initialization. If AICC Tracking is enabled, extra parameter information may be exchanged with the learning module. This option is only meaningful if your learning module supports AICC data exchange and the course requires enrollment (e.g., no Direct Catalog Launch).

Launch interface:

Pop-up Window Size ?

Width

Height

Select the Microsoft Teams account:

- Once the Launch Interface is designated, create a session and go to **2. Microsoft Teams Integration**.

The screenshot shows the 'Catalog Editor' interface. On the left, a sidebar contains a navigation menu with 'Module Properties' and 'Session Properties' expanded. Under 'Session Properties', 'Teams 101 (Teams101)' is selected. Below this, there are dropdowns for 'Select an event status' (set to 'Active') and 'Select a session' (set to 'Date to be confirmed (None Assigned)'). A 'Go' button is visible. The 'Session Setup' section lists steps: 1. Edit session, 2. Microsoft Teams Integration (highlighted), 3. Enrollment Restriction, 4. Enter cost information, 5. Enter references, 6. Participants, 7. Instructors, 8. E-mail Preferences Setup, and 9. Guest Account Information.

The main content area is titled 'Virtual Class Session' and shows the configuration for 'Teams 101 (Date to be confirmed)'. It includes a text input for the session name ('Teams 101 - Session2 - new class 1'), 'Start Date' (Apr 15, 2021, 9:00), and 'End Date' (Apr 15, 2021, 12:00). There is an 'Add new class' link, a 'Time Zone' dropdown set to '(GMT) Etc/UTC: Coordinated Universal Time', and a 'Synchronize' button. A note states: 'Click 'Synchronize' to synchronize this session with Microsoft Teams.'

- Give the class a title and designate the dates and times. Additional classes can be added here.
- Click the **Save** icon in the header. After saving, the Synchronize button is activated.
- The logged in administrator will authorize the integration by logging into the Office 365 account (it not already logged in). This step may be repeated depending on the time between creating sessions. This is required for the application to integrate.

```
<RequestMapper type="Native">
  <RequestMap applicationId="default">
    <Host name="ekp.example.com">
      <Path name="ekp/servlet/ekp/remoteUserAuthenticator"
requireSession="true" authType="shibboleth"/>
    </Host>
  </RequestMap>
</RequestMapper>
```

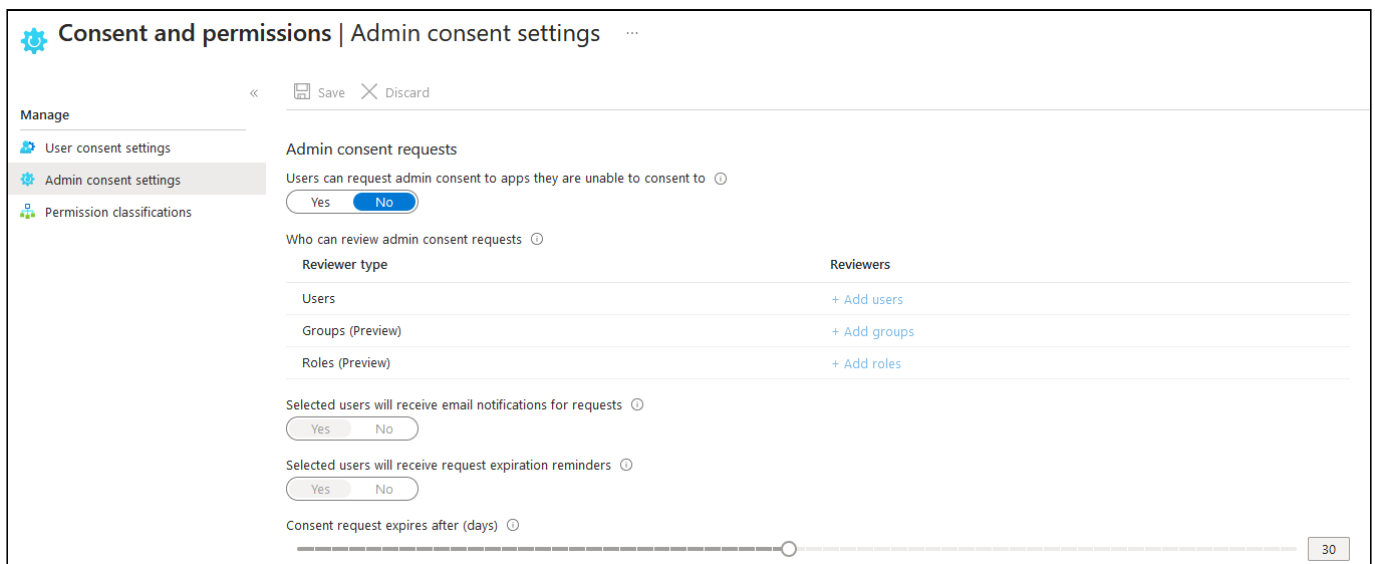
```
<Location /ekp/servlet/ekp/remoteUserAuthenticator>
AuthType shibboleth
ShibRequestSetting requireSession 1
require valid-user
</Location>
```

7. After this step, click Synchronize again. The Copy Join URL button appears. This can be populated into communications if necessary. This will also be the URL enrolled learners will see after clicking Launch from their Current Courses (Current Enrollments).

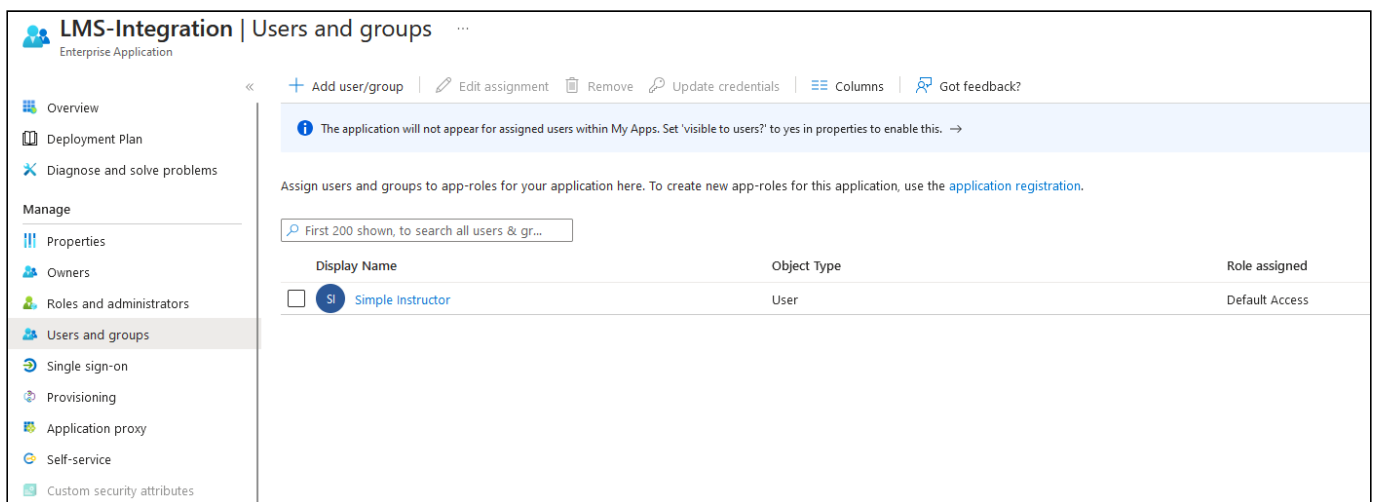
LMS Set Up

This appendix provides additional configuration steps for organizations that do not allow users to consent to apps accessing company data on their behalf.

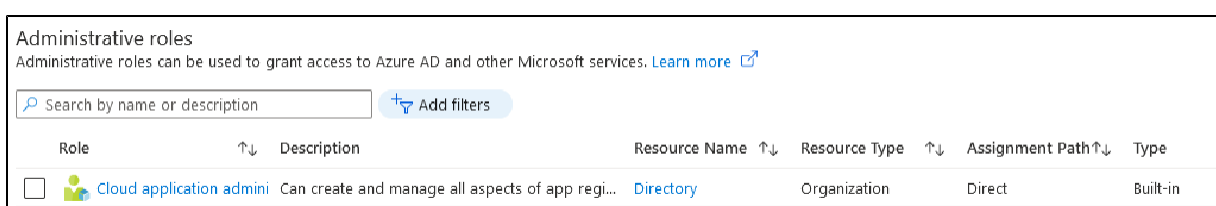
In the Microsoft Entra admin center, go to **Enterprise Applications > Consent and permissions > Admin consent settings** and confirm **Users can consent to apps accessing company data on their behalf** is set to No.



If so, then specific users will need to be permitted to access the integration. Go to **Enterprise applications**, select the specific application, and then select Users and groups to add a user.



Select the user and assign them the *Cloud application administrator* role. This is a default role that allows access to the application.



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