

ClassPolicy Permissions for Class Notebook Integration and Azure AD sign in for teachers

Things you will need

- 1) Admin account to your Office 365 tenancy Azure AD
- 2) Admin account to your ClassPolicy district admin website

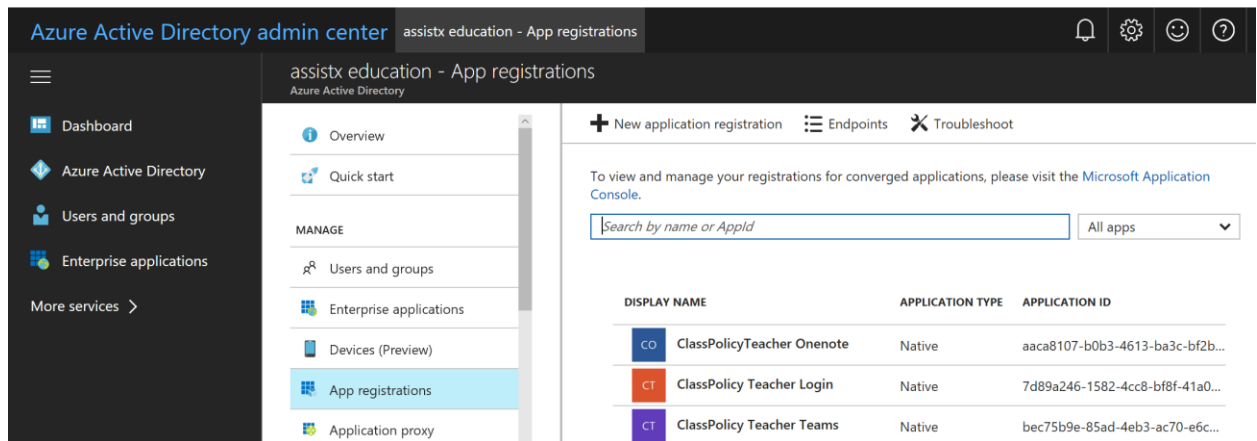
Steps

The following pages are a condensed and modified version of the Microsoft document (<https://msdn.microsoft.com/office/office365/howto/add-common-consent-manually>) with just the information needed to give ClassPolicy app access to Office365 APIs for Class Notebook and Microsoft Teams integration. As processes and documentation constantly change, if you come across discrepancies, please refer to the Microsoft document for a full explanation and complete instructions. Please also notify us of the changes at support@assistx.me so we can update this document to ensure that it is accurate.

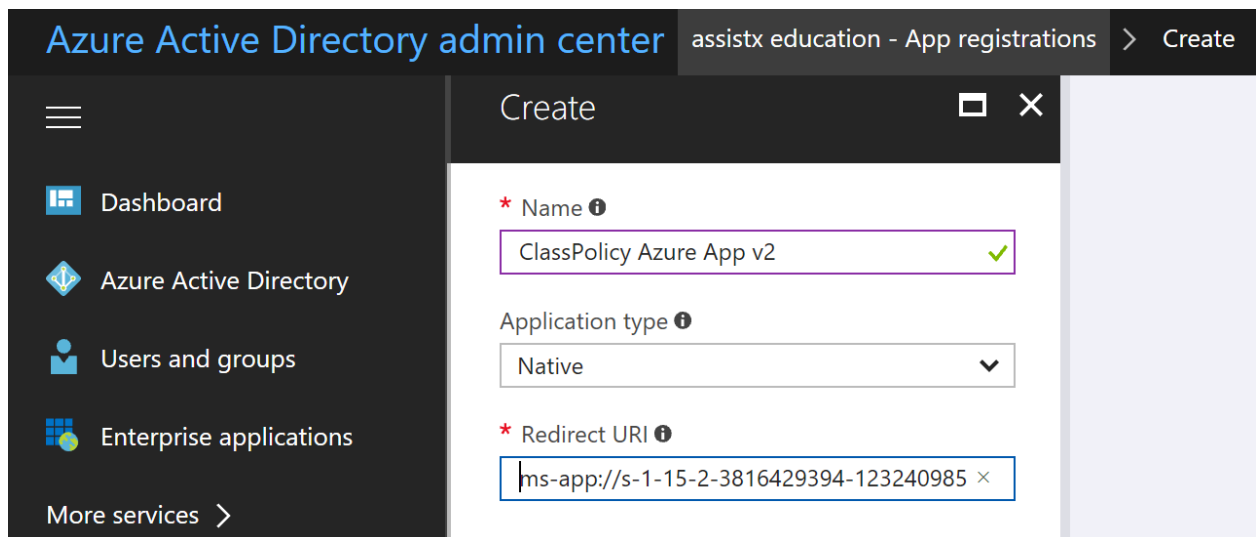
Register ClassPolicy Azure AD app with the Azure Management Portal

The following instructions are for granting ClassPolicy teacher app access to Class Notebooks and Microsoft Teams through ClassPolicy Azure AD app.

1. Sign into the [Azure Management Portal](#), using your Office 365 business admin account credentials.
2. Click the **Azure Active Directory** node in the left column and select the directory linked to your Office 365 subscription.
3. Select the **App registrations** tab and then **New application registration** at the top of the page.

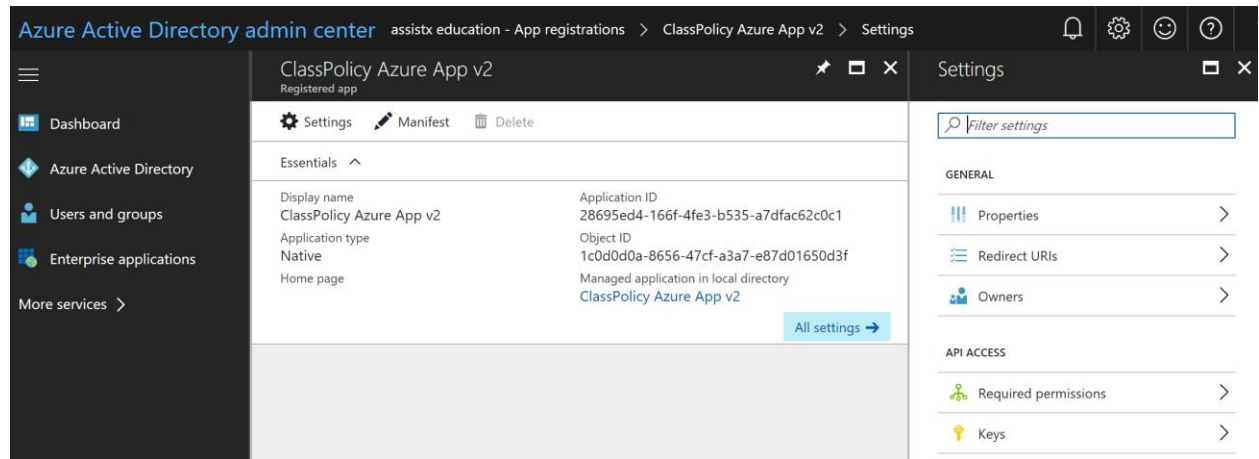


4. Enter "ClassPolicy Azure App v2" for the **Name** for your app and select **Native** as its Application type. Then enter "ms-app://s-1-15-2-3816429394-123240985-688901982-2388679701-4192685877-4097269102-3080857829/" for **Redirect URI** as below. Then click **Create**.



If it complains about invalid redirect URI, it might be something to do with copy & paste of the above URI having some invisible control characters. To work around this, open Notepad app, copy & paste into Notepad first, then copy & paste into Redirect URI field again.

5. Click the app that you have just registered. Your screen should look like the following:



ClassPolicy Azure App is now registered with Azure AD. You are now ready to specify the Office 365 API permissions that ClassPolicy requires.

Specify the Office 365 API permissions ClassPolicy AD Azure app requires

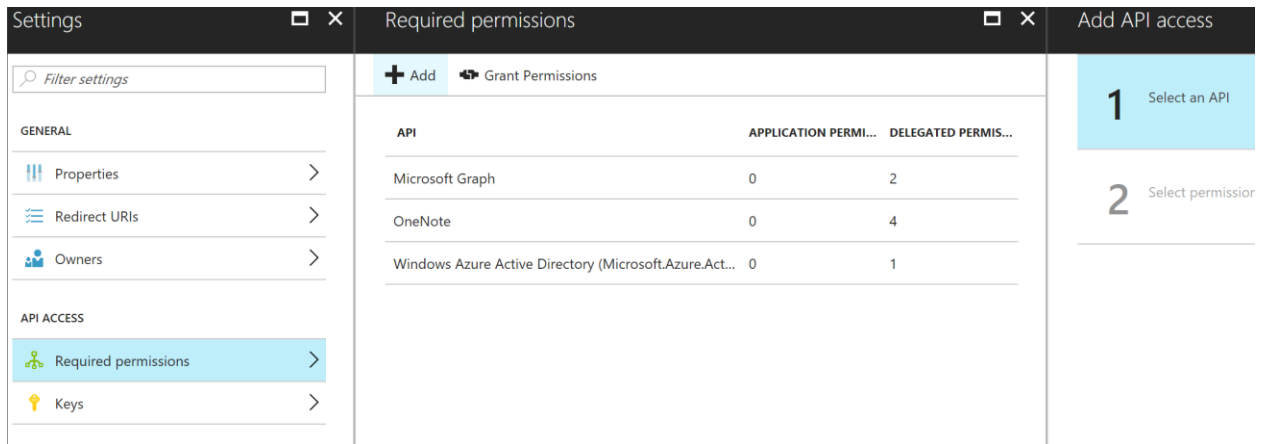
There are two sets of API permissions that ClassPolicy Azure app needs to access:

- Onenote API to access Class notebook list, to create Class notebook, and to change onenote collaboration space permissions.
- Graph API to list all sections belonged to a teacher with Microsoft Teams.

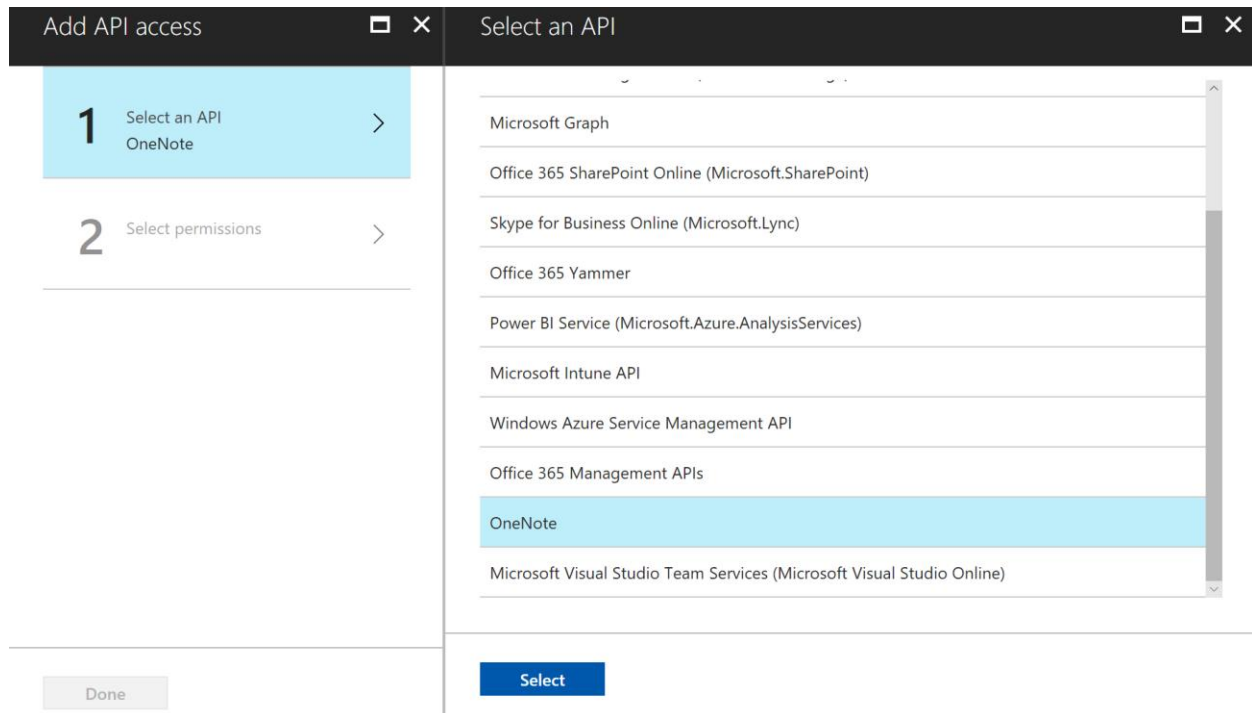
Adding Onenote API Permissions for Class Notebook Integration

You will now need to specify exactly which permissions ClassPolicy app requires of the Office 365 APIs for OneNote access. To do so, first select the OneNote API from your available Office 365 APIs. Next, specify the particular permissions from the OneNote API. Please refer to [Office 365 application manifest and permission details](#) for a complete listing of Office 365 API permissions and further details.

1. In the Azure Management Portal, on the configuration page for your app, scroll to the bottom of the page and, under **Settings**, select **Required permissions**.



2. Select OneNote from the Add API access step.



3. Under **Enable Access**, click the **Delegated Permissions** column for OneNote, and specify the permissions ClassPolicy Azure app needs. Please select the 6 permissions checked as shown below:

Add API access

1

Select an API

OneNote

✓

2

Select permissions

0 role, 6 scopes

>

Done

Enable Access

✓

DELEGATED PERMISSIONS

^

REQUIRES ADMIN

^

<div>✓</div>	View and modify OneNote notebooks in your organization	<div>⊖</div> No
<div>✓</div>	View OneNote notebooks in your organization	<div>⊖</div> No
<div>✓</div>	View and modify OneNote notebooks	<div>⊖</div> No
<div>✓</div>	View OneNote notebooks	<div>⊖</div> No
<div>✓</div>	Application-only OneNote notebook access	<div>⊖</div> No
<div>✓</div>	Create pages in OneNote notebooks	<div>⊖</div> No

Select

Adding Graph Permissions for Microsoft Teams integration

Next, add permissions for Microsoft Teams integration. To do so, select “Microsoft Graph” API from “Add API access”,

Add API access

1 Select an API
Microsoft Graph

2 Select permissions

Done

Select an API

Search for other applications with Service Principal name

Windows Azure Active Directory (Microsoft.Azure.ActiveDirectory)

Office 365 Exchange Online (Microsoft.Exchange)

Microsoft Graph

Office 365 SharePoint Online (Microsoft.SharePoint)

Skype for Business Online (Microsoft.Lync)

Office 365 Yammer

Power BI Service (Microsoft.Azure.AnalysisServices)

Microsoft Intune API

Windows Azure Service Management API

Select

Then select the below 2 permissions.

Add API access

1 Select an API
Microsoft Graph

2 Select permissions
0 role, 2 scopes

Done

Enable Access

Read user mail

Access directory as the signed in user

Read and write directory data

Read directory data

Read and write all groups

☒ Read all groups

Read and write all users' full profiles

☒ Read all users' full profiles

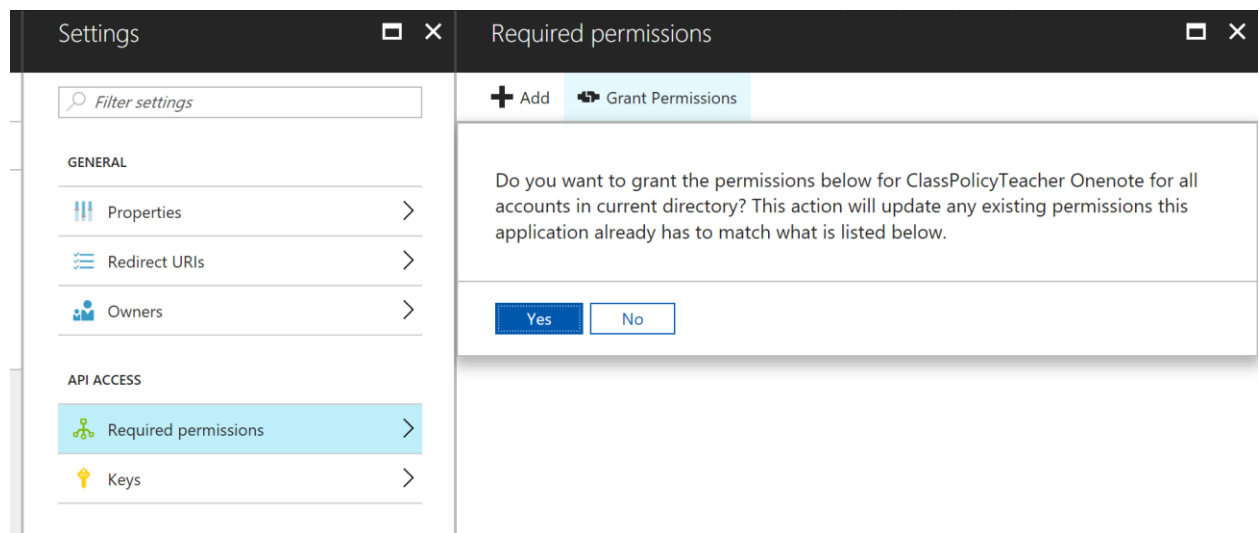
Read all users' basic profiles

Read and write access to user profile

Sign in and read user profile

Select

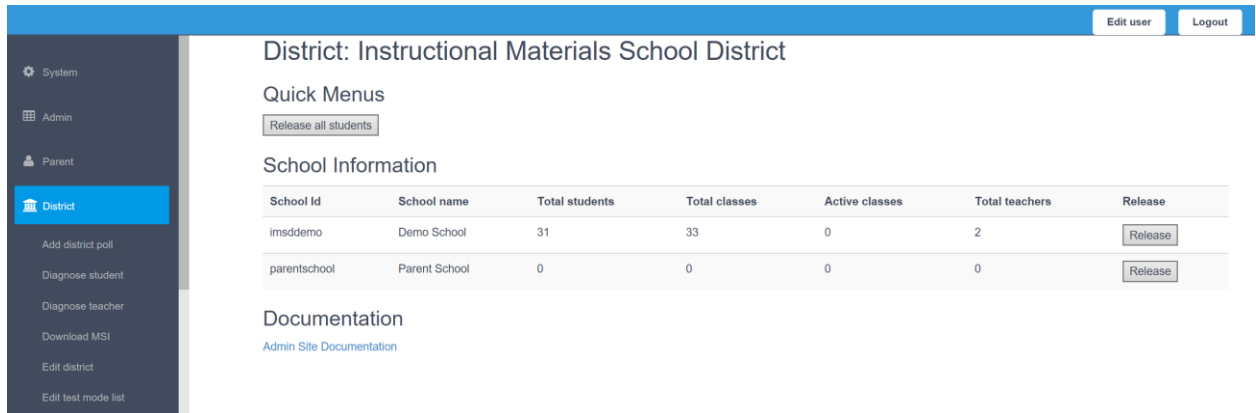
Since the above permissions require admin privilege, most teachers won't have these permissions by default. To grant permission to all teachers in the organization, follow the below steps. From Settings, click on "Required permissions". Then click on "Grant Permissions".



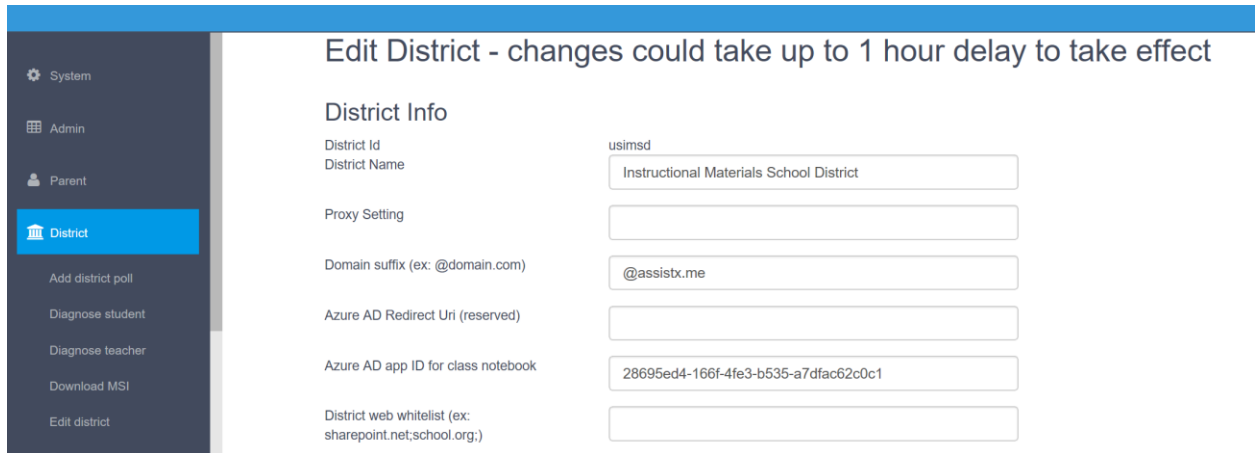
Configure ClassPolicy District Admin Setting

Your ClassPolicy Azure app is now registered and configured with necessary permissions. The next step is to configure your ClassPolicy district setting to connect ClassPolicy teacher app to the ClassPolicy Azure app that you have created by following the steps below.

1. Login to the ClassPolicy Admin with your administrator credentials.
2. From the left navigation select “District” and then “Edit district” as shown in the image below.



3. In the “Domain Suffix” text box, enter the domain suffix of your student’s Office 365 accounts. The suffix should start with an @ symbol added to a domain name.
4. Copy the Application ID from the Azure Management Portal and paste it into the “Azure AD app ID for Class Notebook” text box.
5. Please refer to the image of the ClassPolicy Admin below with a sample Domain Suffix and Azure AD app ID for Class Notebook added.



6. If you want for teachers to sign in with their Azure AD account, you may change “Teacher sign in method” to “AAD_SIGNIN”.

Cloud based screen monitor auto refresh interval Manual Refresh ▼

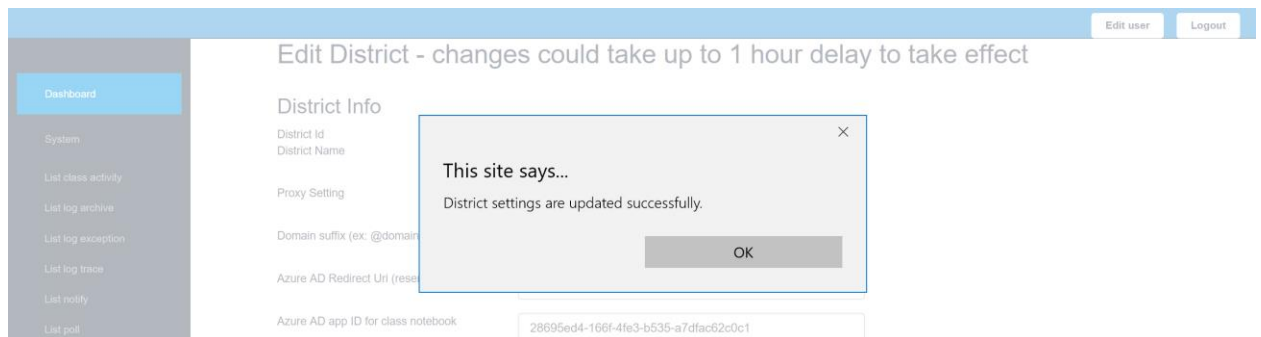
Teacher sign in method : REGULAR_SIGNIN ▼

MSI setting: StudentIdEnv REGULAR_SIGNIN ▼

Screen audit interval in m AAD_SIGNIN

Student off class polling interval in sec 6 sec ▼

7. Scroll down and click on the “Update” button to save changes. The confirmation dialog will pop up as below:



The screenshot shows the 'Edit District' page with a sidebar menu on the left containing 'Dashboard', 'System', 'List class activity', 'List log archive', 'List log exception', 'List log trace', 'List notify', and 'List poll'. The main content area is titled 'Edit District - changes could take up to 1 hour delay to take effect'. It includes sections for 'District Info' (with fields for District Id and District Name), 'Proxy Setting', 'Domain suffix (ex: @domain)', 'Azure AD Redirect Uri (reset)', and 'Azure AD app ID for class notebook' (with the value 28695ed4-166f-4fe3-b535-a7dfac62c0c1). A confirmation dialog box is overlaid on the page, titled 'This site says...' with the message 'District settings are updated successfully.' and an 'OK' button.

That completes the setup process to enable Class Notebook orchestration with ClassPolicy. If you have any issues, please contact us at support@assistx.me and we will be happy to assist you.