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 (<u>https://msdn.microsoft.com/office/office365/howto/add-common-consent-manually</u>) 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 <u>support@assistx.me</u> 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 <u>Azure Management Portal</u>, 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.

Azure Active Directory	admin center assistx education - App	registrations	Q 🕸 😳 🧿
≡	assistx education - App registra Azure Active Directory	ions	
🔲 Dashboard	Overview	$+$ New application registration $\Xi$ Endpoints X Troubl	eshoot
Azure Active Directory	💅 Quick start	To view and manage your registrations for converged application Console.	ns, please visit the Microsoft Application
Users and groups	MANAGE	Search by name or Appld	All apps 🗸
Enterprise applications	۶ <sup>۹</sup> Users and groups		
More services 🗲	Enterprise applications	DISPLAY NAME APPLICATION	TYPE APPLICATION ID
	Devices (Preview)	co ClassPolicyTeacher Onenote Native	aaca8107-b0b3-4613-ba3c-bf2b
	Registrations	CT ClassPolicy Teacher Login Native	7d89a246-1582-4cc8-bf8f-41a0
	Application proxy	CT ClassPolicy Teacher Teams Native	bec75b9e-85ad-4eb3-ac70-e6c

 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.

Azure Active Directory a	dmin center	assistx education - App registrations	> Create
≡	Create	□ ×	
료 Dashboard	* Name		
Azure Active Directory	ClassPolicy Azu		
🎽 Users and groups	Native	~	
👪 Enterprise applications	* Redirect URI 🖲		
More services 义	ms-app://s-1-1	5-2-3816429394-123240985 ×	

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.

Azure Active Directory	admin center assistx education - A	App registrations > ClassPolicy Azure App v2 > Set	ings 🗘 🐯	0
=	ClassPolicy Azure App v2 Registered app	* 🗆	× Settings	
🛄 Dashboard	🛠 Settings 💉 Manifest 🛅 Dele	ete	P Filter settings	
Azure Active Directory	Essentials		GENERAL	
🎍 Users and groups	Display name ClassPolicy Azure App v2	Application ID 28695ed4-166f-4fe3-b535-a7dfac62c0c1	Properties	>
😽 Enterprise applications	Application type Native	Object ID 1c0d0d0a-8656-47cf-a3a7-e87d01650d3f	🚝 Redirect URIs	>
More services >	Home page	Managed application in local directory ClassPolicy Azure App v2	Owners	>
		All settings →	API ACCESS	
			🔏 Required permissions	>
			📍 Keys	>

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 <u>Office 365</u> 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**.

Settings	□ ×	Required permissions			Add Al	Pl access
> Filter settings		+ Add • Grant Permissions			1	Select an API
GENERAL		API	APPLICATION PERMI	DELEGATED PERMIS	1	
Properties	>	Microsoft Graph	0	2	2	Select permission
🚝 Redirect URIs	>	OneNote	0	4	2	beleet permission
Owners	>	Windows Azure Active Directory (Microsoft.Azure.Act	. 0	1		
API ACCESS						
Required permissions	>					
📍 Keys	>					

2. Select OneNote from the Add API access step.

Add API access		Select an API	□ ×
1 Select an API OneNote	>	Microsoft Graph Office 365 SharePoint Online (Microsoft.SharePoint)	^
2 Select permissions	>	Skype for Business Online (Microsoft.Lync) Office 365 Yammer	Ŧ.
		Power BI Service (Microsoft.Azure.AnalysisServices) Microsoft Intune API Windows Azure Service Management API	
		Office 365 Management APIs OneNote Microsoft Visual Studio Team Services (Microsoft Visual Studio Online)	~
Done		Select	

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	□ ×	Enable Access	×
Select an API OneNote	~		^
2 Select permissions 0 role, 6 scopes	>	<ul> <li>View and modify OneNote notebooks in your organization</li> <li>No</li> <li>View OneNote notebooks in your organization</li> <li>No</li> <li>View and modify OneNote notebooks</li> <li>No</li> </ul>	
		✓     View OneNote notebooks     ●     No       ✓     Application-only OneNote notebook access     ●     No	
		Create pages in OneNote notebooks	
Done		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	□ ×	Select an API
Select an API Microsoft Graph	>	Search for other applications with Service Principal name
		Windows Azure Active Directory (Microsoft.Azure.ActiveDirectory)
2 Select permissions	>	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
Done		Select

Then select the below 2 permissions.

Add API access	□ ×	Enable Access	□ ×
Select an API		Read user mail	^
Microsoft Graph	×	Access directory as the signed in user 📀 Yes	
		Read and write directory data 📀 Yes	
2 Select permissions 0 role, 2 scopes	>	Read directory data 📀 Yes	
		Read and write all groups 📀 Yes	
		Read all groups Ves	
		Read and write all users' full profiles 📀 Yes	
		Read all users' full profiles Ves	
		Read all users' basic profiles  No	
		Read and write access to user profile	
		Sign in and read user profile CN	~
Done		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".

Settings	□ ×	Required permissions	□ ×
		Add Grant Permissions	
GENERAL		Do you want to grant the permissions below for ClassPolicyTeacher Onenote for a	all
Properties	>	accounts in current directory? This action will update any existing permissions this application already has to match what is listed below.	
🗮 Redirect URIs	>	application already has to match what is listed below.	
🗳 Owners	>	Yes No	
API ACCESS			_
Required permissions	>		
🔶 Keys	>		

# 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.

							Edit user Log
iystem			Materials Sc	hool District			
Admin	Release all students	-					
Parent	School Info	rmation					
District	School Id	School name	Total students	Total classes	Active classes	Total teachers	Release
Add district poll	imsddemo	Demo School	31	33	0	2	Release
Diagnose student	parentschool	Parent School	0	0	0	0	Release
Diagnose teacher	Documenta	tion					
Download MSI	Admin Site Documen						
Edit district							
Edit test mode list							

- 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.

🍄 System	Edit District - chan	ges could take up to 1 hour delay to take effect
III Admin	District Info	
	District Id	usimsd
🚔 Parent	District Name	Instructional Materials School District
<b></b> District	Proxy Setting	
Add district poll	Domain suffix (ex: @domain.com)	@assistx.me
Diagnose student	Azure AD Redirect Uri (reserved)	
Diagnose teacher	Azure AD app ID for class notebook	
Download MSI	· _ · · · · · · · · · · · · · · · · · ·	28695ed4-166f-4fe3-b535-a7dfac62c0c1
Edit district	District web whitelist (ex: sharepoint.net;school.org;)	
E diata di manda Pat		

6. If you want for teachers to sign in with their Azure AD account, you may change "Teacher sign in method" to "AAD\_SIGNIN".

### ciouu baseu screen monitor auto refersi inteval Manuai refresi 🔻 🛛

Teacher sign in method :	REGULAR_SIGNIN <b>v</b>	
MSI setting: StudentIdEnv	REGULAR_SIGNIN	•
Screen audit interval in n	AAD_SIGNIN	

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

		Edit user	Logout
	Edit District - changes could take up to 1 hour delay to take eff	ect	
	District Info		
	District Id X District Name		
	This site says		
	Proxy Setting District settings are updated successfully.		
	Domain suffix (ex: @domain.		
	Azure AD Redirect Url (rese		
List poll	Azure AD app ID for class notebook 28695ed4-166f-4fe3-b535-a7dfac62c0c1		

That completes the setup process to enable Class Notebook orchestration with ClassPolicy. If you have any issues, please contact us at <a href="mailto:support@assistx.me">support@assistx.me</a> and we will be happy to assist you.