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

Rev date: 2019-09-02

History

Date	Comment
2019-08-07	Added "supported account types" when Azure app is created
2019-09-02	Updated with recent Azure AD GUI

Things you will need

1) Admin account to your Office 365 tenancy Azure AD

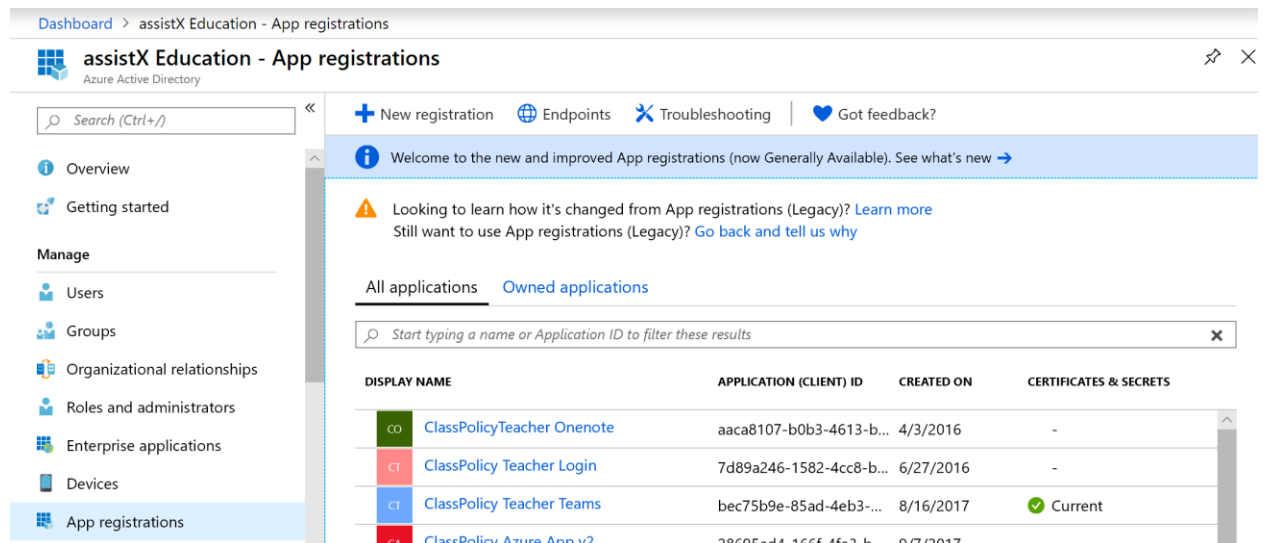2) Admin account to your ClassPolicy district admin website

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 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. For "Supported account types", select "Accounts in any organizational directory (Any Azure AD directory – Multitenant).

Register an application

* Name

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

```
ClassPolicy Azure App v2                                                    ✓
```

Supported account types

Who can use this application or access this API?

○ Accounts in this organizational directory only (assistX Education only - Single tenant)

◉ Accounts in any organizational directory (Any Azure AD directory - Multitenant)

○ Accounts in any organizational directory (Any Azure AD directory - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)

Help me choose...

By proceeding, you agree to the Microsoft Platform Policies ⤢

Register

5. After the app has been registered successfully, click on "Add a Redirect URI". Then choose "Public client (mobile & desktop)" for **Type**, and for **REDIRECT URI**, enter "ms-app://s-1-15-2-3816429394-123240985-688901982-2388679701-4192685877-4097269102-3080857829/". Then click **Save**.

⊖ **ClassPolicy Azure App v2 - Authentication**   📌

🔍 Search (Ctrl+/)   «   💾 Save   ✕ Discard   ↰ Try out the new experience   ♥ Got feedback?

▦ Overview   **Redirect URIs**

☁ Quickstart   The URIs that we will accept as destinations when returning authentication responses (tokens) after successfully authenticating users. Also referred to as reply URLs.

Manage   Learn more about adding support for web, mobile and desktop clients ⤢

🖼 Branding

⊖ Authentication | TYPE | | REDIRECT URI | |
|---|---|---|---|
🔑 Certificates & secrets | Public client (mobile & desktop) | ⌄ | ms-app://s-1-15-2-3816429394-123240985-688901982-2388679701 ✓ | 🗑 |
🔌 API permissions | Web | ⌄ | e.g. https://myapp.com/auth | |

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.

6. 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, select ClassPolicy Azure app, from the left side pane, click **API permissions**.

2. Click "+ Add a permission" and select OneNote from the API list. Then choose "Delegated permissions".

3. Under **Notes**, specify the permissions ClassPolicy Azure app needs. Please select the 6 permissions checked as shown below. Then click **Add permissions**.

Adding Graph Permissions for Microsoft Teams integration

Next, add permissions for Microsoft Teams integration. To do so, select "Microsoft Graph" API from **API permissions**, then choose "Delegated permissions".

Under **Group** section, select "Group.Read.All". Under User section, select "User.Read.All". Then **Add permissions**.

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 **API permissions**, scroll to the bottom of the page. Click on "Grant admin consent for". Then click on **Yes** button.


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.
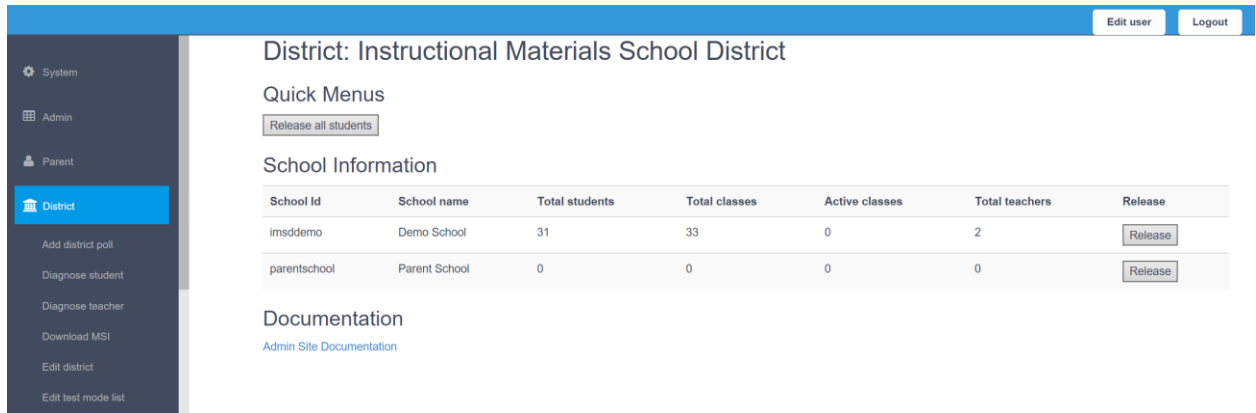
3. In the "Domain Suffix" text box, enter the domain suffix of your student's Office 365 accounts. The suffix should start with an @ symbol added to a domain name.

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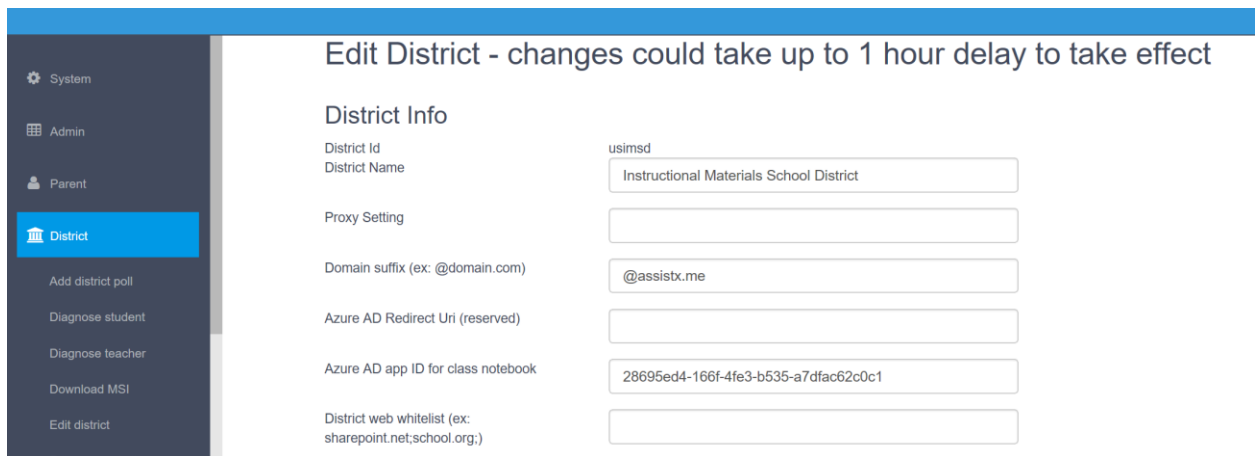
6. If you want for teachers to sign in with their Azure AD account, you may change "Teacher sign in method" to "AAD_SIGNIN".

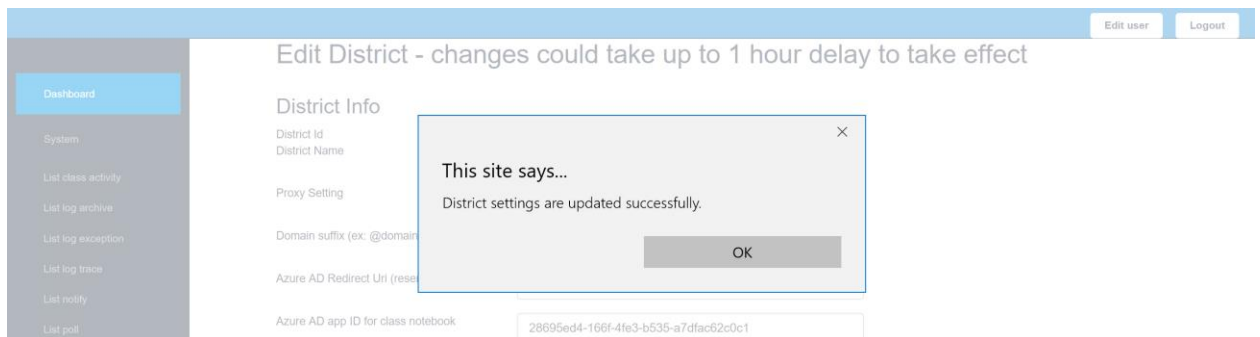Cloud based screen monitor auto refresh inteval | Manual refresh ▼

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:

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.