

# Office 365 – Teams Pre-Requisites

## Overview

To enable the Office 365 Teams integration with FrogLearn some initial steps will need to be configured within the school's Office 365 tenancy.

The OneDrive and Teams integration both use the same endpoint URL within the Frog platform. Therefore, it would be highly recommended that you complete the steps outlined in the document **1- Office 365 - OneDrive Pre-Requisites**.

Should your school wish to have single sign on between Office 365 OneDrive and the Frog platform then you may wish to consider one of the integrations below:

- Active Directory Federated Services (ADFS)
- Azure

Both integrations will be the responsibility of the school to configure, however, if you would like any guidance then please contact the Service Desk on 01422 395 939 or [support@frogeducation.com](mailto:support@frogeducation.com).

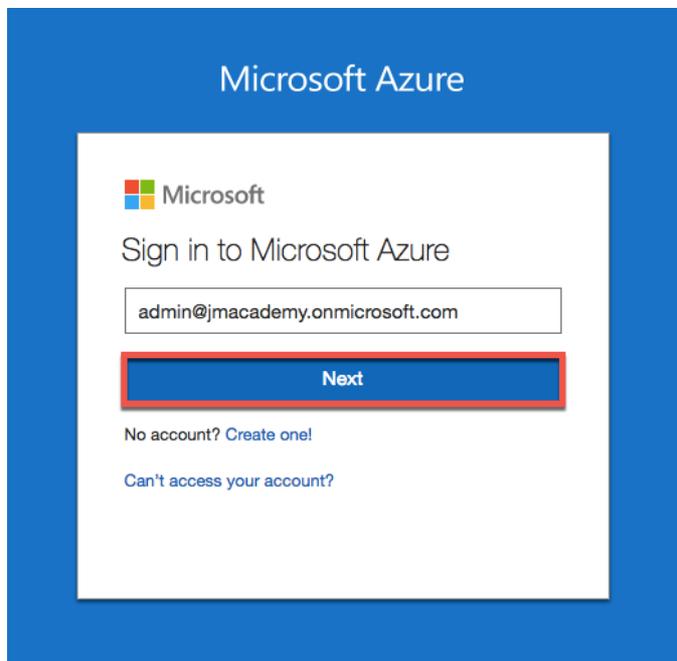
## Pre-Requisites

This document assumes that you already have a OneDrive integration configured within your Office 365 tenancy. However, should this not be the case then you need to review the document **1- Office 365 - OneDrive Pre-Requisites** and ensure that the following areas have been completed:

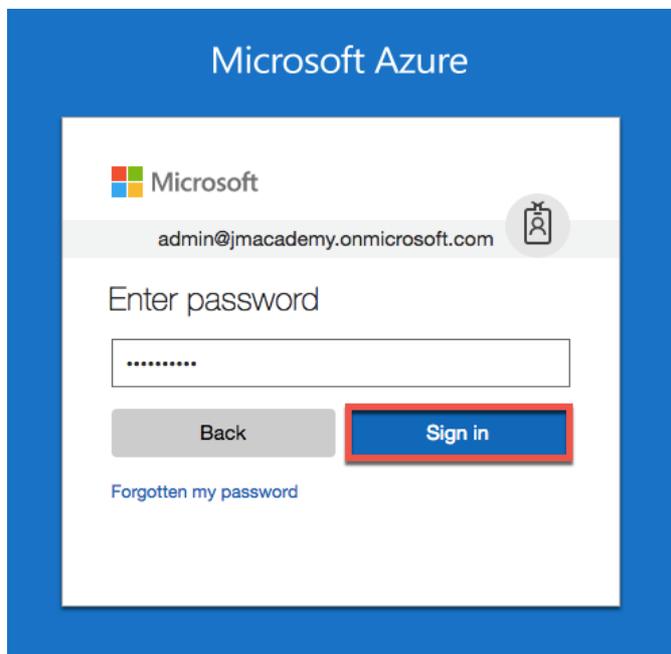
- An application has been created (registered)
- **Authentication** - The redirect URI's have been configured for both your Frog platform URL as well as the endpoint used for the integration **/app/acceptonedrivebusinessauth**. Please see examples of the redirect URI's below:
  - <https://wilson-academy.frogtest.co.uk/app/acceptonedrivebusinessauth>
  - <https://wilson-academy.frogtest.co.uk>
- **Certificates & secrets** – A client\_secret has been created and the value stored in a text file

## How-to

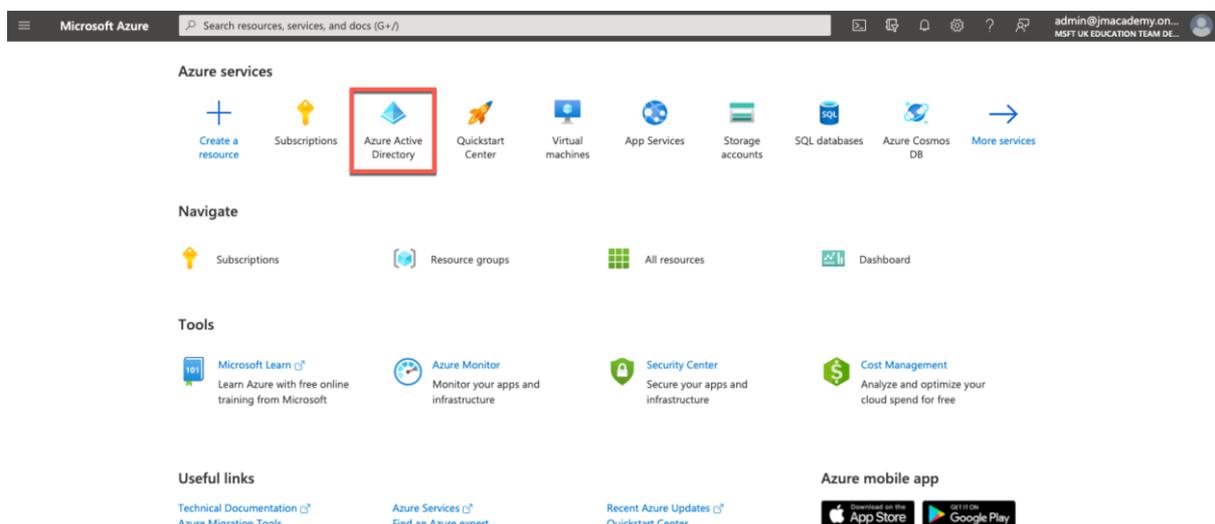
To configure the Teams integration, navigate to your Office 365 Azure instance via the URL <https://portal.azure.com>. Enter your school's Office 365 administrator account for the tenancy and then select the **Next** button.



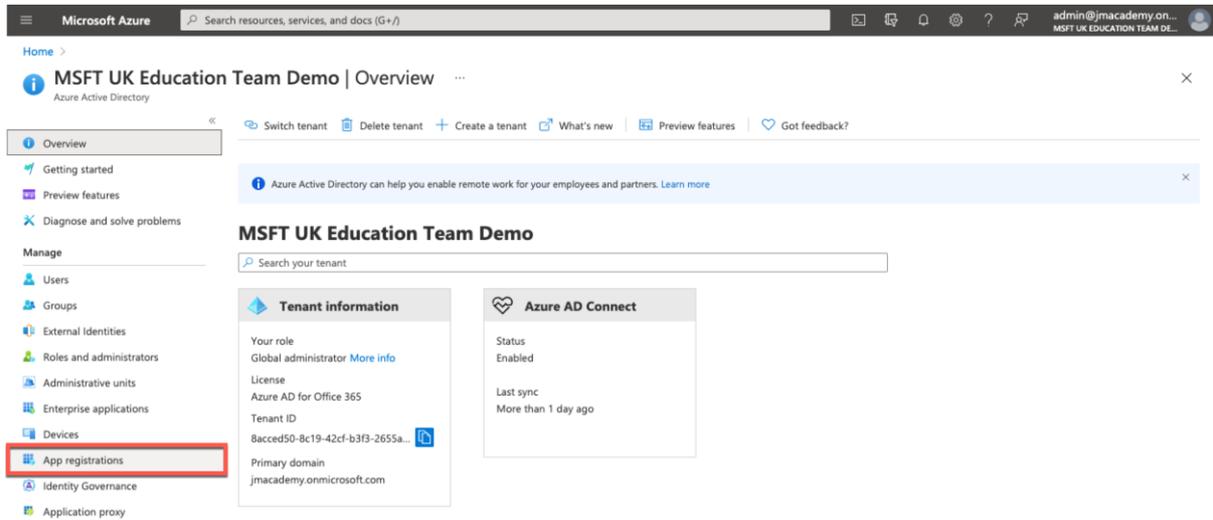
Enter the associated password for your school's Office 365 administrator account for the tenancy. Then select the **Sign In** button.



Once logged into your Microsoft Azure instance, select **Azure Active Directory**.

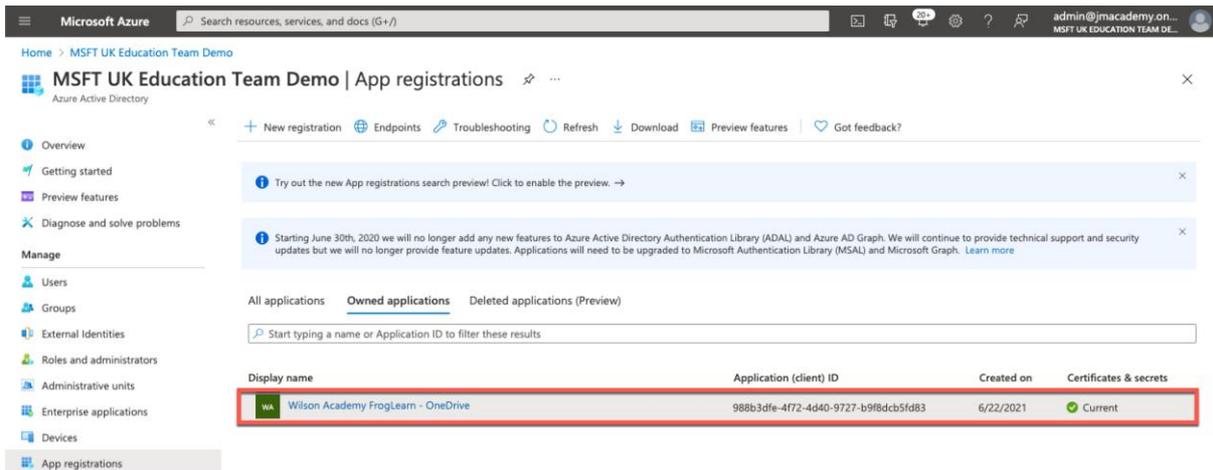


The Azure Active Directory options are displayed. From the left-hand side menu select **App registrations**.



As we completed the setup the OneDrive integration as part of the document **1- Office 365 - OneDrive Pre-Requisites**, there will only be changes required to the permissions to get the Teams integration working.

From the list of application registrations, select your OneDrive integration. In this example the OneDrive integration was called **Wilson Academy FrogLearn - OneDrive**



The detail of the selected application is displayed. In this example, all details relating to the application **Wilson Academy FrogLearn – OneDrive** is displayed.

Microsoft Azure Search resources, services, and docs (G+)

Home > MSFT UK Education Team Demo > Wilson Academy FrogLearn - OneDrive

Search (Cmd+/) Delete Endpoints Preview features

Overview Quickstart Integration assistant

Manage

- Branding
- Authentication
- Certificates & secrets
- Token configuration
- API permissions
- Expose an API
- App roles
- Owners
- Roles and administrators | Preview
- Manifest

Support + Troubleshooting

- Troubleshooting
- New support request

Get a second? We would love your feedback on Microsoft identity platform (previously Azure AD for developer). →

Essentials

Display name	: Wilson Academy FrogLearn - OneDrive	Client credentials	: 0 certificate, 1 secret
Application (client) ID	: 988b3dfe-4f72-4d40-9727-b9f8dcb5fd83	Redirect URIs	: 2 web, 0 spa, 0 public client
Object ID	: 0f3cf4a5-007a-4adc-9f1e-088de1b4d895	Application ID URI	: Add an Application ID URI
Directory (tenant) ID	: 8acced50-8c19-42cf-b3f3-2655af328818	Managed application in L...	: Wilson Academy FrogLearn - OneDrive

Supported account types : My organization only

Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure AD Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. [Learn more](#)

Get Started Documentation

### Build your application with the Microsoft identity platform

The Microsoft identity platform is an authentication service, open-source libraries, and application management tools. You can create modern, standards-based authentication solutions, access and protect APIs, and add sign-in for your users and customers. [Learn more](#)

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The next step is to configure the permissions the Frog platform will have to the Office 365 tenancy for the Teams integration. Select **API permissions** from the left-hand side menu.

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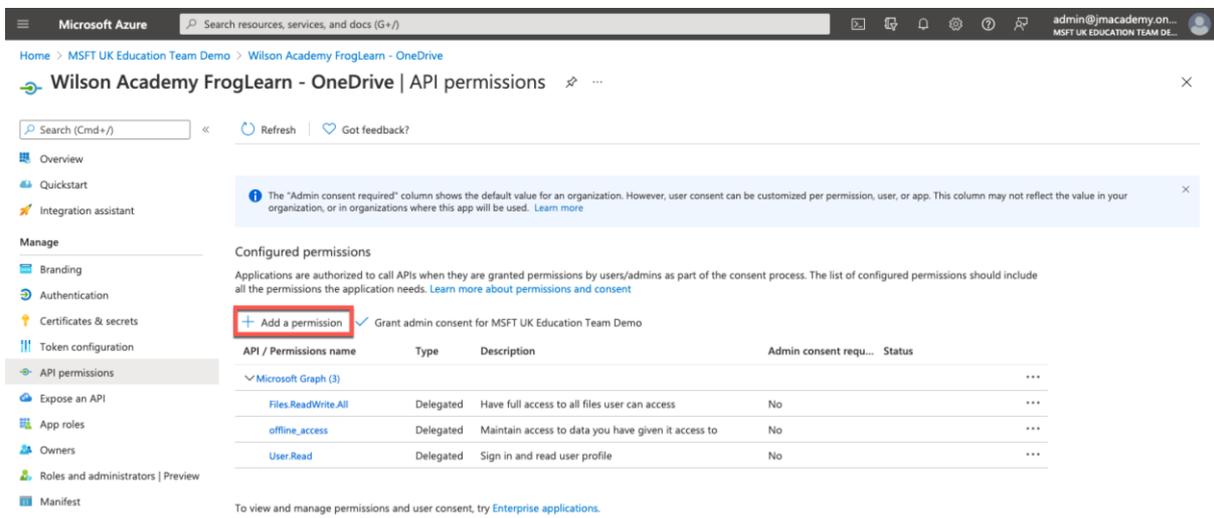
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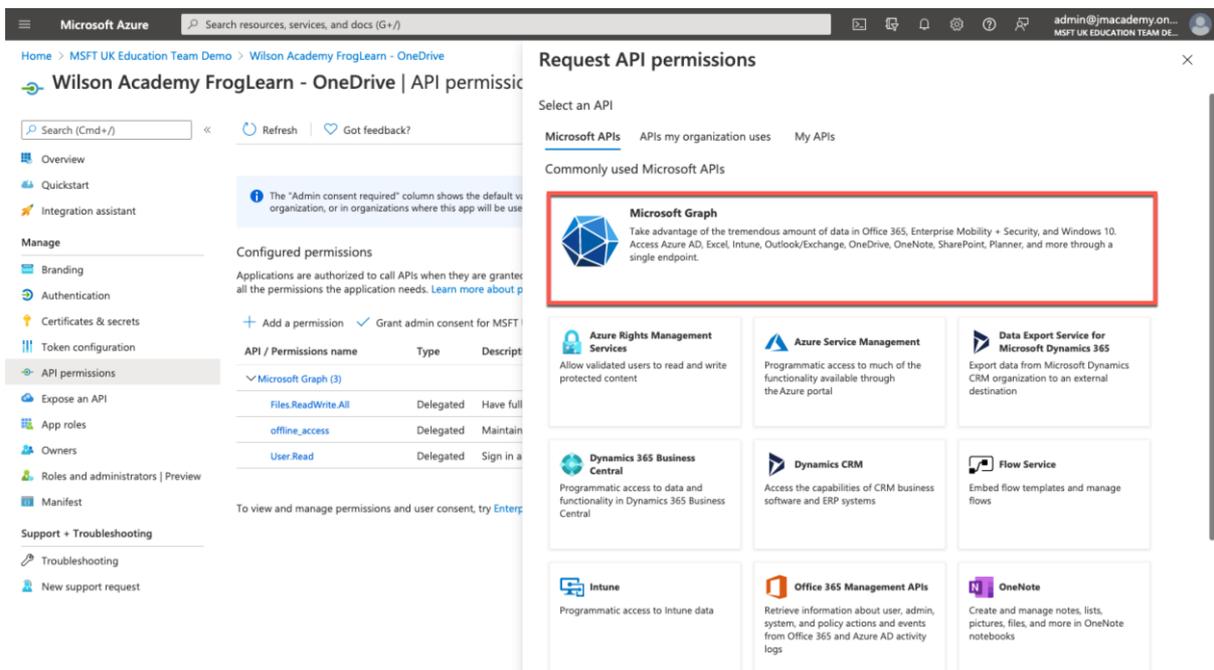
[Go to Enterprise applications](#)

The previous permissions added for the OneDrive integration (as per the document **1- Office 365 - OneDrive Pre-Requisites**) are displayed.

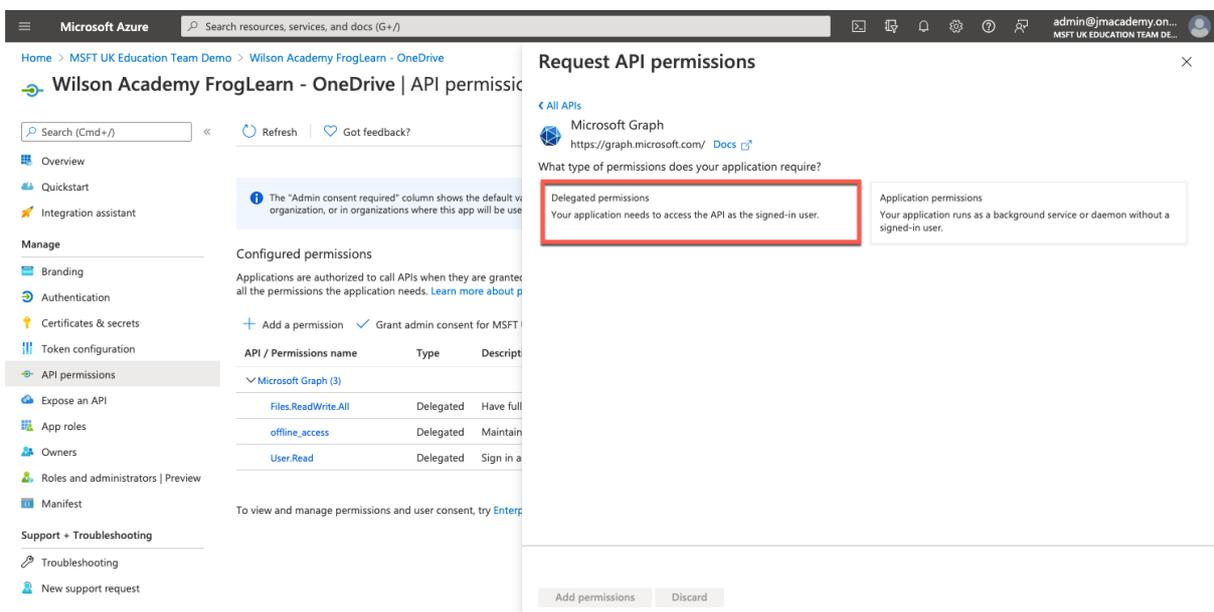
An additional permission will need to be added for the Teams integration. Within the **API permissions** options, select the **Add a permission** link within the **Configured permissions** section.



A **Request API permissions** pop-up window will be displayed on the right-hand side. Select the option **Microsoft Graph**.



Within the **Microsoft Graph** options, select **Delegated permissions**.



Within the search box just below **Select Permissions**, enter in the text **meetings**.

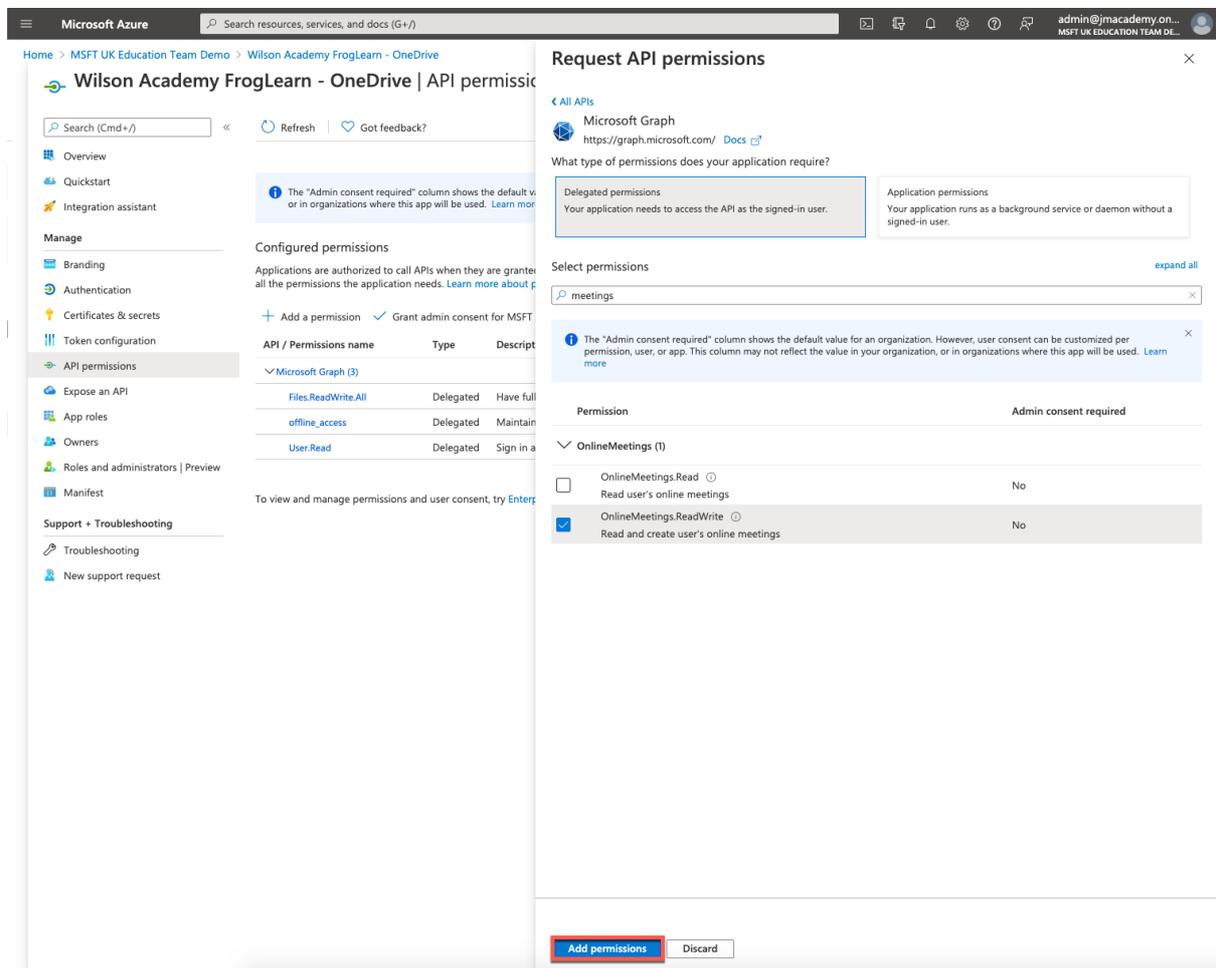
A search on all available permissions will be returned. Expand the **Online Meetings** section and then select the following option:

- **OnlineMeetings.ReadWrite** – Read and create user's online meetings

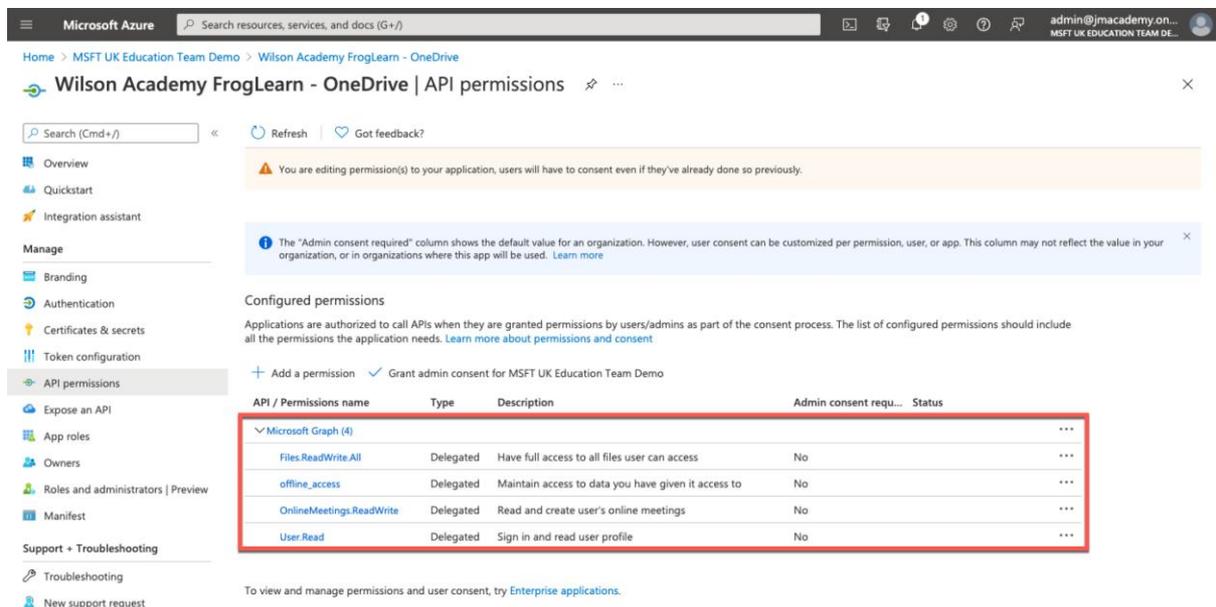
The screenshot shows the Microsoft Azure portal interface. On the left, the navigation pane is open to 'API permissions' for the application 'Wilson Academy FrogLearn - OneDrive'. The main area displays the 'Request API permissions' dialog for Microsoft Graph. The dialog asks 'What type of permissions does your application require?' and offers 'Delegated permissions' and 'Application permissions'. Below this, a search for 'meetings' has been performed, and the 'OnlineMeetings.ReadWrite' permission is selected and highlighted with a red box. The table below shows the selected permission and its details.

Permission	Admin consent required
<input type="checkbox"/> OnlineMeetings.Read Read user's online meetings	No
<input checked="" type="checkbox"/> OnlineMeetings.ReadWrite Read and create user's online meetings	No

When happy with the permissions selected, click on the **Add permissions** button.



You be returned to the **API permissions** page. Under the section **Configured permissions**, you will see an overview of the API's selected for the integration.



The Teams setup within the Office 365 tenancy is nearly completed. The last action that you need to complete is to take note of the identifiers for the fields below:

- Application (client) ID
- Directory (tenant) ID

Select **Overview** from the left-hand side menu.

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Wilson Academy FrogLearn - OneDrive | API permissions

Search (Cmd+/) Refresh Got feedback?

Overview

You are editing permission(s) to your application, users will have to consent even if they've already done so previously.

The "Admin consent required" column shows the default value for an organization. However, user consent can be customized per permission, user, or app. This column may not reflect the value in your organization, or in organizations where this app will be used. [Learn more](#)

Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. [Learn more about permissions and consent](#)

+ Add a permission ✓ Grant admin consent for MSFT UK Education Team Demo

API / Permissions name	Type	Description	Admin consent requ...	Status
Microsoft Graph (4)				
Files.ReadWrite.All	Delegated	Have full access to all files user can access	No	...
offline_access	Delegated	Maintain access to data you have given it access to	No	...
OnlineMeetings.ReadWrite	Delegated	Read and create user's online meetings	No	...
User.Read	Delegated	Sign in and read user profile	No	...

To view and manage permissions and user consent, try [Enterprise applications](#).

Within the **Essentials** section, copy the identifiers displayed for the fields below into a text file for use later:

- **Application (client) ID** – e.g. **988b3dfe-4f72-4d40-9727-b9f8dcb5fd83**
- **Directory (tenant) ID** – e.g. **8acced50-8c19-42cf-b3f3-2655af328818**

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Supported account types : My organization only

Client credentials : 0 certificate, 1 secret

Redirect URIs : 2 web, 0 spa, 0 public client

Application ID URI : Add an Application ID URI

Managed application in L... : Wilson Academy FrogLearn - OneDrive

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Just to reiterate the items that you should have noted in your text file for use later are below:

- **Client Secret** - uGdd2\_-u8C~R.~3\_46R22qYu2y5KQk80..
  - If you haven't created a client\_secret then please refer to the document **1- Office 365 - OneDrive Pre-Requisites**
- **Application (client) ID** – 988b3dfe-4f72-4d40-9727-b9f8dcb5fd83
- **Directory (tenant) ID** – 8acced50-8c19-42cf-b3f3-2655af328818

Please refer to the document **3 - Office 365 - OneDrive Preferences v2.0** for steps on how to configure your FrogLearn platform with your Office 365 tenancy in order to integrate OneDrive / Teams.