## 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 <u>support@frogeducation.com</u>.

## **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:
     <u>https://wilson-academy.frogtest.co.uk/app/acceptonedrivebusinessauth
     https://wilson.godemy.frogtest.co.uk/app/acceptonedrivebusinessauth
     https://wilson.godemy.frogtest.co.uk/app/acceptonedrivebusinessauth</u>
    - <u>https://wilson-academy.frogtest.co.uk</u>
- 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 <u>https://portal.azure.com</u>. Enter your school's Office 365 administrator account for the tenancy and then select the **Next** button.

Microsof	t	
Sign in to I	Microsoft Azure	
admin@jmaca	ademy.onmicrosoft.com	
	Next	
No account? Crea	ate one!	
Can't access you	r account?	

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

Microsoft Azure								
Microsoft								
Enter password								
Back Sign in								
Forgotten my password								

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

≡ Microsoft Azure	${\cal P}$ Search resources, services, and docs (	ŝ+/)		5 <b>6</b> 0 8	admin@jmacademy.on
	Azure services + Create a resource Subscriptions	Ver Active re Active Center machines	App Services Storage accounts	Image: SQL databases     Azure Cosmos     More services       OB     OB	
	Navigate	Resource groups	All resources	Zi Dashboard	
	Tools Microsoft Learn of Learn Azure with free online training from Microsoft	Azure Monitor Monitor your apps and infrastructure	Security Center Secure your apps and infrastructure	Cost Management Analyze and optimize your cloud spend for free	
	Useful links Technical Documentation C <sup>®</sup> Azure Migration Tools	Azure Services (3) Find an Azure expert	Recent Azure Updates 🗗 Quickstart Center	Azure mobile app	

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

≡	Microsoft Azure 🔎 S	earch resources, services, and docs (G+/)			5 <b>G</b> Q	© ? R	admin@jmacademy.on MSFT UK EDUCATION TEAM DE
Hor	MSFT UK Educatio	on Team Demo   Overview					×
0	Overview Getting started	Switch tenant      Delete tenant + Cr     Azure Active Directory can help you enable re	reate a tenant 🖸 What's new 🛛 🔁 Preview	features Oct feedback	2		×
× Mar	Diagnose and solve problems	MSFT UK Education Tean	n Demo				
A A 0	Users Groups External Identities	Tenant information	Search AD Connect				
2. 32	Roles and administrators Administrative units Enterprise applications	Your role Global administrator More info License Azure AD for Office 365	Status Enabled Last sync More than 1 day ago				
<b>1</b>	Devices App registrations	Tenant ID 8acced50-8c19-42cf-b3f3-2655a					
(A) 	Identity Governance Application proxy						

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** 

≡	Microsoft Azure	∞ Search resources, services, and docs (G+/)	E	] Q	20-	ø	? &	admin@jmacademy.on MSFT UK EDUCATION TEAM DE
Ho	MSFT UK Education	eam Demo cation Team Demo   App registrations 🛷 …						×
•	Overview Getting started	<ul> <li>≪ + New registration ⊕ Endpoints ⊘ Troubleshooting ○ Refresh ± Download En Previe     <li>Try out the new App registrations search preview! Click to enable the preview. →</li> </li></ul>	w features   交 Got i	eedback?				×
× Ma	ovide technie n more	al support and security. $\times$						
*	Users Groups External Identities	All applications <b>Owned applications</b> Deleted applications (Preview)						
<b>8</b> .	Roles and administrators Administrative units	Display name	opplication (client) ID			(	reated on	Certificates & secrets
113	Enterprise applications Devices	Wilson Academy FrogLearn - OneDrive 9	88b3dfe-4f72-4d40-9727	b9f8dcb!	ifd83	6	/22/2021	Current
Ξ,	App registrations							

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



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.



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.

	h resources, services, and docs (G+/)				2_	Ģ		§ (?		admin@jmacademy.on. MSFT UK EDUCATION TEAM DE	: 🕘	
Home > MSFT UK Education Team Demo	Home > MSFT UK Education Team Demo > Wilson Academy FrogLearn - OneDrive Wilson Academy FrogLearn - OneDrive   API permissions * ··· ×											
Search (Cmd+/)     «      Overview	🖒 Refresh 🛛 🛇 Got feedback	?										
<ul> <li>Quickstart</li> <li>Integration assistant</li> </ul>	Quickstart  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 organization, or in organization where this app will be used. Learn more											
Manage Branding Authentication Certificates & secrets	Manage         Configured permissions           Branding         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           Authentication         + Add a permission         Grant admin consent for MSFT UK Education Team Demo											
Token configuration	API / Permissions name	Туре	Description	Admin consent	requ	Status						
API permissions     Expose an API     App roles     Owners     Roles and administrators   Preview     Minifest	V Microsoft Graph (3) Files ReadWrite All offline_access User/Read	Delegated Delegated Delegated	Have full access to all files user can access Maintain access to data you have given it access to Sign in and read user profile	No No								

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

😑 Microsoft Azure 🔎 Sea	rch resources, services, and docs (G+/)		E 6, p	왕 ⑦ & admin@jmacademy.on 🕘
Home > MSFT UK Education Team Dem	no > Wilson Academy FrogLearn - OneDrive ogLearn - OneDrive   API permissio	Request API permission	15	×
<ul> <li>✓ Search (Cmd+/) «</li> <li>♥ Overview</li> <li>♥ Quickstart</li> <li>✓ Integration assistant</li> <li>Manage</li> <li>♥ Franding</li> <li>♥ Authentication</li> </ul>	C Refresh C Got feedback? Configured permissions Applications are authorized to call APIs when they are grante all the permissions	Select an API Microsoft APIs APIs my organization Commonly used Microsoft APIs Microsoft Graph Take advantage of the tree Access Azare AD, Excel, Im single endpoint.	n uses My APIs nendous amount of data in Office 365, Enterpris une, Outlook/Exchange, OneDrive, OneNote, Sh	e Mobility + Security, and Windows 10. rePoint, Planner, and more through a
Certificates & secrets II Token configuration API permissions Copyose an API The Approach	+ Add a permission V Grant admin consent for MSFT API / Permissions name Type Descript VMicrosoft Graph (3) Files.ReadWrite.All Delegated Have ful	Allow validated users to read and write protected content	Azure Service Management Programmatic access to much of the functionality available through the Azure portal	Data Export Service for Microsoft Dynamics 365 Export data from Microsoft Dynamics CRM organization to an external destination
Owners     Roles and administrators   Preview     Manifest     Support + Troubleshooting	offine_access Delegated Maintai User.Read Delegated Sign in a To view and manage permissions and user consent, try Enter	Central Programmatic access to data and functionality in Dynamics 365 Business Central	Dynamics CRM Access the capabilities of CRM business software and ERP systems	Flow Service Embed flow templates and manage flows
Troubleshooting New support request		Frogrammatic access to Intune data	Office 365 Management APIs Retrieve information about user, admin, system, and policy actions and events from Office 365 and Azure AD activity logs	Create and manage notes, lists, pictures, files, and more in OneNote notebooks

Within the Microsoft Graph options, select Delegated permissions.

😑 Microsoft Azure 🔎 Sear	ch resources, services, and docs (G+/)		Σ	Ŗ	Q 🤅	<b>ା ହ</b> ା	admin@jmacademy.on MSFT UK EDUCATION TEAM DE	오
Home > MSFT UK Education Team Dem	o > Wilson Academy FrogLearn - OneDrive ogLearn - OneDrive   API permissio	Request API permissions						×
<ul> <li>✓ Search (Cmd+/) «</li> <li>₩ Overview</li> </ul>	🕐 Refresh 🔰 🛇 Got feedback?	<ul> <li>▲ All APIs</li> <li>Microsoft Graph</li> <li>https://graph.microsoft.com/ Docs ♂</li> <li>What type of permissions does your application require?</li> </ul>						
<ul><li>Quickstart</li><li>Integration assistant</li></ul>	The "Admin consent required" column shows the default v organization, or in organizations where this app will be use	Delegated permissions Your application needs to access the API as the signed-in user.		Applic Your a signed	ation permis pplication n -in user.	sions ns as a backgrou	ind service or daemon without a	
Manage         Image         Image         Authentication         Certificates & secrets         Image: Token configuration         API permissions         Expose an API         Image: App roles         Owners         Roles and administrators   Preview         Image: Manifest	Configured permissions Applications are authorized to call APIs when they are grante all the permissions the application needs. Learn more about p + Add a permission			signed	-in user.			
Support + Troubleshooting								
		Add permissions Discard						

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



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.

≡ Microsoft Azure		he		Σ	Q (	۵ ۹	0	주 <b>*</b>	dmin@jmacademy.on ISFT UK EDUCATION TEAM DE	
Home > MSFT UK Educati	In Team Demo > Wilson Academy FrogLearn	- <sup>OneDrive</sup> e   API pei	missions 🖈 …							×
Search (Cmd+/)	🛛 🦑 🖒 Refresh 🛛 🛇 Got feedb	ack?								
Overview     Vou are editing permission(s) to your application, users will have to consent even if they've already done so previously.     Vou are editing permission(s) to your application, users will have to consent even if they've already done so previously.										
Manage 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 n organizations where this app will be used. Learn more								umn may not	reflect the value in your	×
Branding Authentication Certificates & secrets Token configuration	Configured permissions Applications are authorized to ca all the permissions the application + Add a permission ✓ Gr	ill APIs when they n needs. Learn m ant admin consen Type	are granted permissions by users/admins as part of the cons ore about permissions and consent t for MSFT UK Education Team Demo Description	sent process. The li	st of configu	ured perm	nissions	should inclu	ıde	
Expose an API	✓ Microsoft Graph (4)	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			and an an					
App roles	Files ReadWrite All	Delegated	Have full access to all files user can access	No						
Roles and administrators	Preview offline_access	Delegated	Maintain access to data you have given it access to	No						
Manifest	OnlineMeetings.ReadWrite	Delegated	Read and create user's online meetings	No						
Support + Troubleshooting	User.Read	Delegated	Sign in and read user profile	No						
Troubleshooting New support request	To view and manage permissions	and user consen	t, try Enterprise applications.							

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.

≡ Microsoft Azure 🔑 Sea	rch resources, services, and docs (G+/)			E 6	P &	• @	주 ac MS	Imin@jmacademy.on SFT UK EDUCATION TEAM D	E
Iome > MSFT UK Education Team D	emo > Wilson Academy FrogLearn -	OneDrive							
Wilson Academy F	rogLearn - OneDrive	API per	rmissions 🖈 …						×
Search (Cmd+/) «	🕐 Refresh 🛛 🛇 Got feedbar	ck?							
Overview	A You are editing permission(s)	to your application	on, users will have to consent even if they've already done so pre	eviously.					
Quickstart									
Integration assistant									
lanage	The "Admin consent required" organization, or in organizatio	" column shows t ons where this ap	he default value for an organization. However, user consent can p will be used. Learn more	be customized per permission	in, user, or ap	p. This colu	amn may not i	reflect the value in your	×
Branding									
Authentication	Configured permissions								
Certificates & secrets	Applications are authorized to call all the permissions the application	APIs when they needs. Learn m	are granted permissions by users/admins as part of the cor ore about permissions and consent	nsent process. The list of o	onfigured pe	rmissions	should inclue	de	
Token configuration									
API permissions	+ Add a permission ✓ Gran	it admin consen	t for MSFT UK Education Team Demo						
Expose an API	API / Permissions name	Туре	Description	Admin consent requ	Status				
App roles	Microsoft Graph (4)								
Owners	Files.ReadWrite.All	Delegated	Have full access to all files user can access	No					
Roles and administrators   Preview	offline_access	Delegated	Maintain access to data you have given it access to	No					
Manifest	OnlineMeetings.ReadWrite	Delegated	Read and create user's online meetings	No					
upport + Troubleshooting	User.Read	Delegated	Sign in and read user profile	No					
* Troubleshooting									
New support request	To view and manage permissions a	and user consen	t, 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

	Microsoft Azure	€ Search	resources, services, and docs	(G+/)	D	] 🖟 🎙	₽ ⊚	? R	admin@jmacademy.on MSFT UK EDUCATION TEAM DE
Но	me > MSFT UK Education	Team Demo	ogLearn - OneDr	ive 🖈 …					×
2	Search (Cmd+/)	«	Delete 🕀 Endpoints	s 😥 Preview features.					
<b>B</b>	Overview		Got a second? We woul	ld love your feedback on Microsoft identity platform (previously A	zure AD for developer). →				
-	Quickstart								
*	Integration assistant		∧ Essentials						
Ma	nage		Display name	: Wilson Academy FrogLearn - OneDrive	Client credentials	: 0 certifica	te, 1 secre		
-	Branding		Application (client) ID	: 988b3dfe-4f72-4d40-9727-b9f8dcb5fd83	Redirect URIs	: 2 web, 0 :	pa, 0 publ	c client	
9	Authentication		Object ID	: 0f3cf4a5-007a-4adc-9f1e-088de1b4d895	Application ID URI	: Add an A	oplication	DURI	
	Authentication		Directory (tenant) ID	: 8acced50-8c19-42cf-b3f3-2655af328818	Managed application in I.	: Wilson A	ademy Fro	gLearn - One	Drive
	Certificates & secrets		Supported account type	s : My organization only					
111	Token configuration								
-@-	API permissions		Starting June 30th, updates but we will	2020 we will no longer add any new features to Azure Active Direc no longer provide feature updates. Applications will need to be u	tory Authentication Library (ADAL) and Azure A pgraded to Microsoft Authentication Library (M	D Graph. We v SAL) and Micro	ill continue soft Graph	to provide tec Learn more	hnical support and security
4	Expose an API								

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.