

# Getting Access to the M365 Graph API

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## Overview

When using LegacyFlo to migrate data from active mailboxes, Teams or OneDrive on M365, you will need access to the relevant Graph API.

This document gives the steps to get secure access to the API and register the credentials with LegacyFlo.

## Step 1: Application registration on Azure

Login to your LegacyFlo/Vaultastic Open Store account.

Login to Microsoft 365 in the same browser as the LegacyFlo/Vaultastic Open Store Login.

Navigate to [Cloud computing services](https://azure.microsoft.com/en-in/) (<https://azure.microsoft.com/en-in/>).

Http link: <https://azure.microsoft.com/en-in/>

(a) Select **App registrations** Azure service.

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

o365@connectserver.on... MITHI SOFTWARE PVT LTD (CON...)

Welcome to Azure!  
Don't have a subscription? Check out the following options.

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Get \$200 free credit toward Azure products and services, plus 12 months of popular free services.  
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**Manage Azure Active Directory**  
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(a) Click on **New registration**.

The screenshot shows the Microsoft Azure portal interface. At the top, there is a navigation bar with the Microsoft Azure logo and a search bar. Below the navigation bar, the page title is 'App registrations'. There are several utility icons: '+ New registration', 'Endpoints', 'Troubleshooting', 'Refresh', 'Download', 'Preview features', and 'Got feedback?'. A notification banner is visible, stating that as of June 30th, 2020, Azure Active Directory Authentication Library (ADAL) and Azure AD Graph will no longer receive new features, but technical support and security updates will continue. Below the notification, there are tabs for 'All applications', 'Owned applications' (which is selected), and 'Deleted applications'. A search bar is present with the placeholder text 'Start typing a display name or application (client) ID to filter these r...'. Below the search bar, it says '5 applications found'. The table below has columns for 'Display name', 'Application (client) ID', 'Created on', and 'Certificates & secrets'.

(a) Provide a name for the new registration.

The screenshot shows the 'Register an application' form in the Microsoft Azure portal. The 'Name' field is filled with 'legacyflo\_app' and has a yellow box with a black arrow labeled 'a' pointing to it. Below the 'Name' field, there is a section for 'Supported account types' with the question 'Who can use this application or access this API?'. There are four radio button options: 'Accounts in this organizational directory only (Mithi Software Pvt Ltd only - Single tenant)' (which is selected and has a yellow box with a black arrow labeled 'b' pointing to it), '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)', and 'Personal Microsoft accounts only'. Below the radio buttons, there is a link 'Help me choose...'. At the bottom of the form, there is a 'Redirect URI (optional)' field and a 'Register' button. A note at the bottom states 'By proceeding, you agree to the Microsoft Platform Policies'.

(b) Select the "Accounts in this organizational directory only" in **Supported account types**.

Scroll down till you see the **Redirect URI section**

(c) **Select Web** as the platform

(d) Enter "**https://integrations.legacyflo.com/legacyflo/m365apiregistration**" as the **Redirect URI**

(e) Click on **Register**.

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Home > App registrations > Register an application

Supported account types

Who can use this application or access this API?

- Accounts in this organizational directory only (Mithi Software Pvt Ltd 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)
- Personal Microsoft accounts only

Help me choose...

Redirect URI (optional)

We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios.

Web

By proceeding, you agree to the Microsoft Platform Policies

Register

(a) Re-select the **App registrations** Azure service.

Welcome to Azure!

Don't have a subscription? Check out the following options.

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Get \$200 free credit toward Azure products and services, plus 12 months of popular free services.

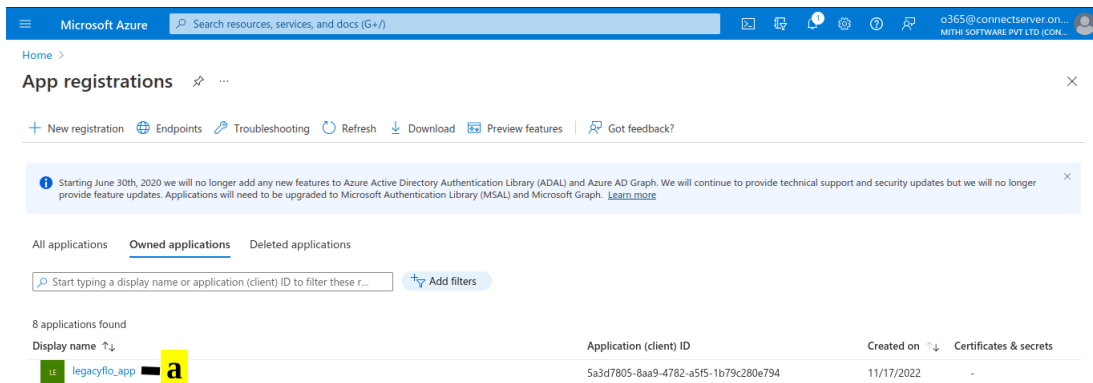
**Manage Azure Active Directory**  
Manage access, set smart policies, and enhance security with Azure Active Directory.

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**Azure services**

- Create a resource
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- More services

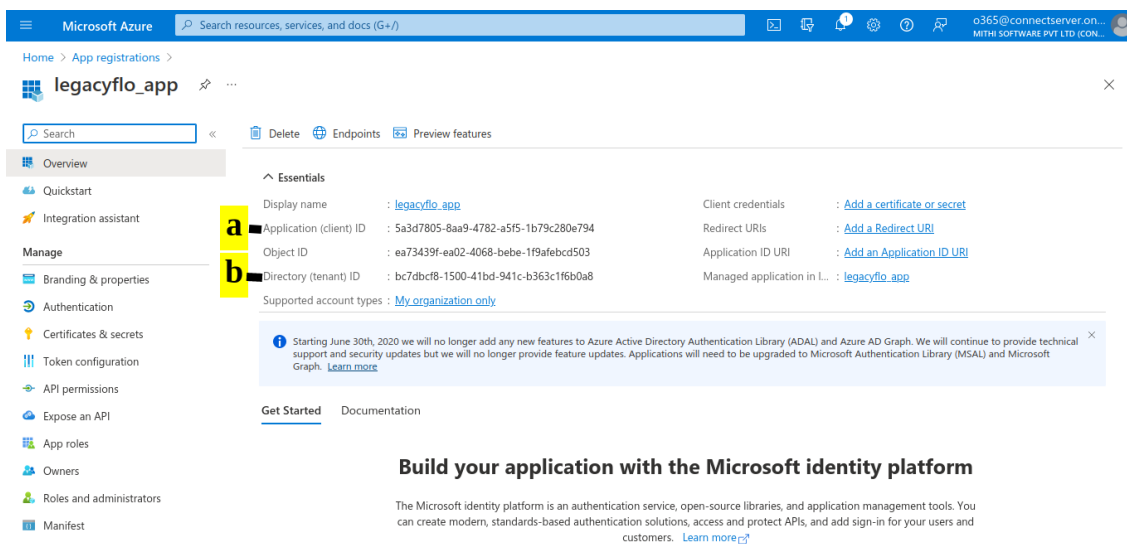
(a) You will see your app on the list. **Click on the Display name**



(a) Copy the **Application (client) ID**. This will be required when registering the API with LegacyFlo.

(b) Copy the **Directory (tenant) ID**. This will be required when registering the API with LegacyFlo

Save the ids in a note pad on your machine



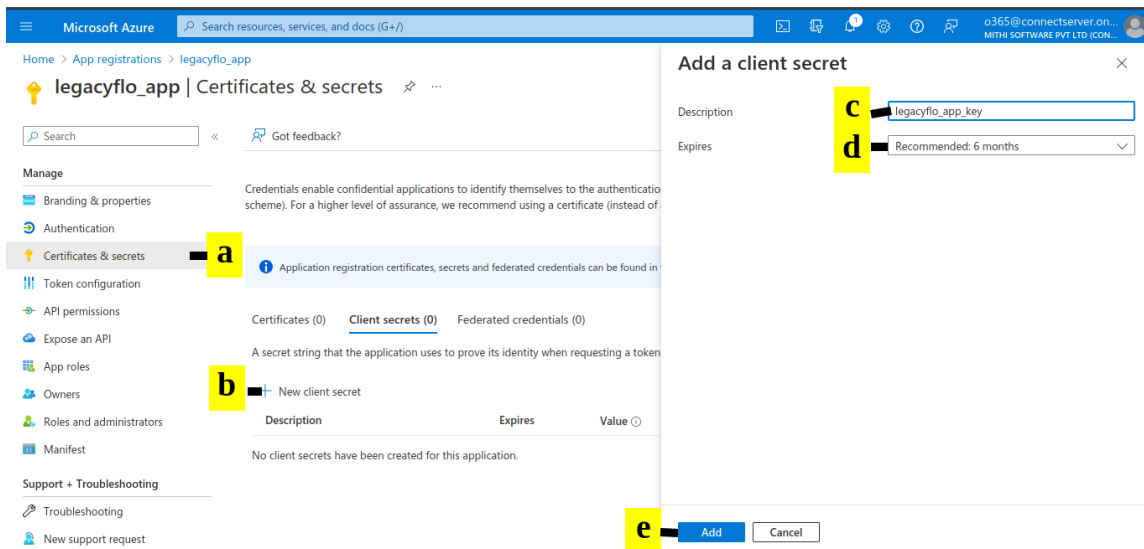
(a) For your newly registered application, select **Certificates & secrets**.

(b) In **Client secrets**, click on **New client secret**.

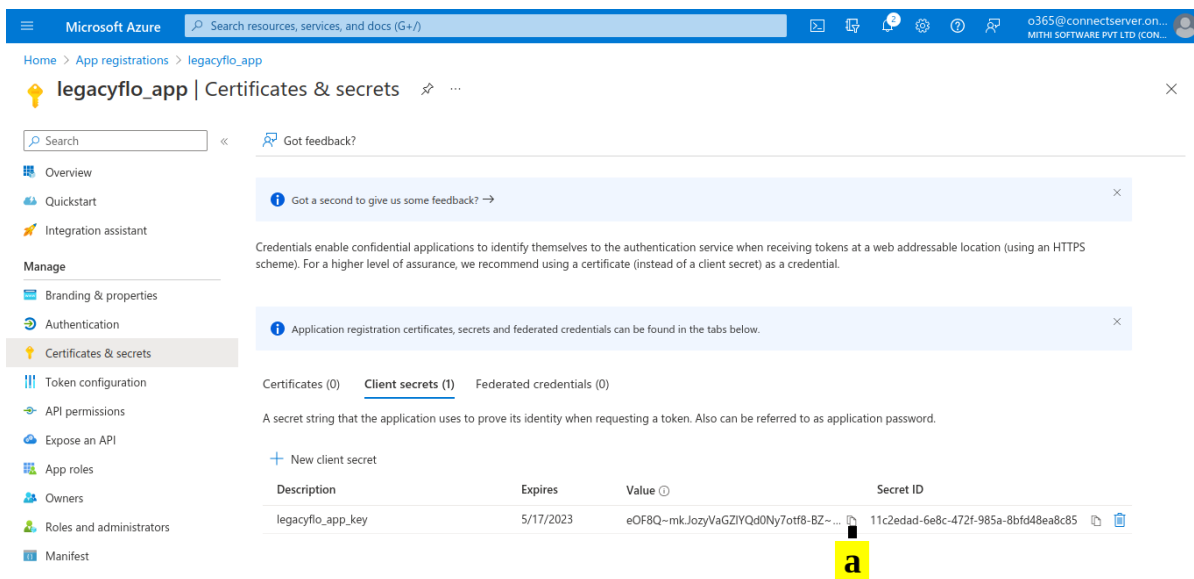
(c) Add a Description (legacyflo\_app\_key).

(d) Specify the **Expires** value.

(e) Click **Add**.



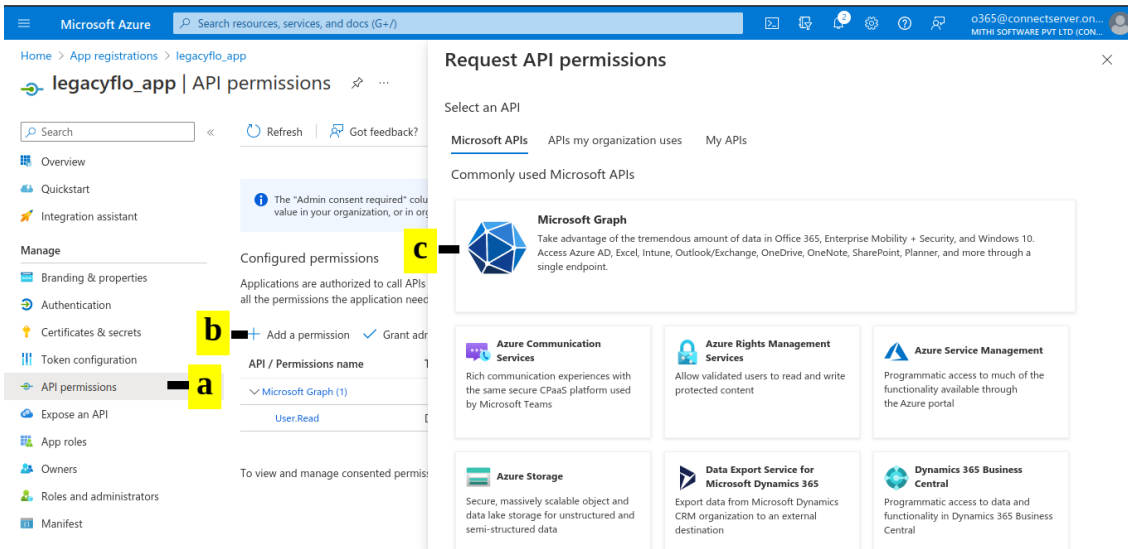
(a) Copy the Value to the notepad in which you have copied the application and directory ids. This will be required when registering the API with LegacyFlo



(a) In the **Manage** menu for the registered app, select **API permissions**.

(b) Click on **Add a permission**.

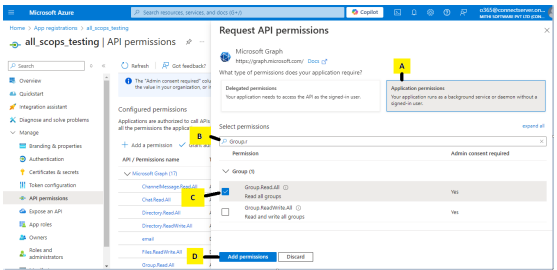
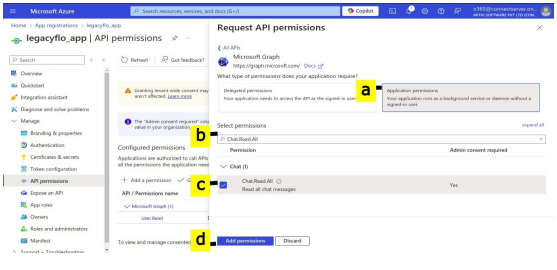
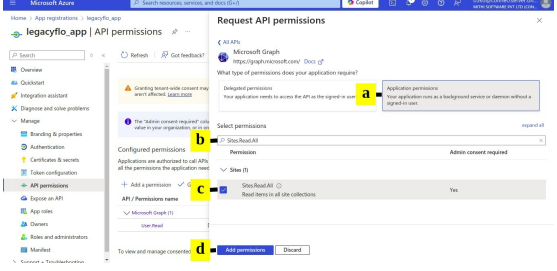
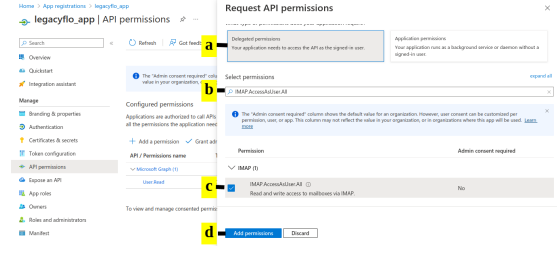
(c) Select **Microsoft Graph**.



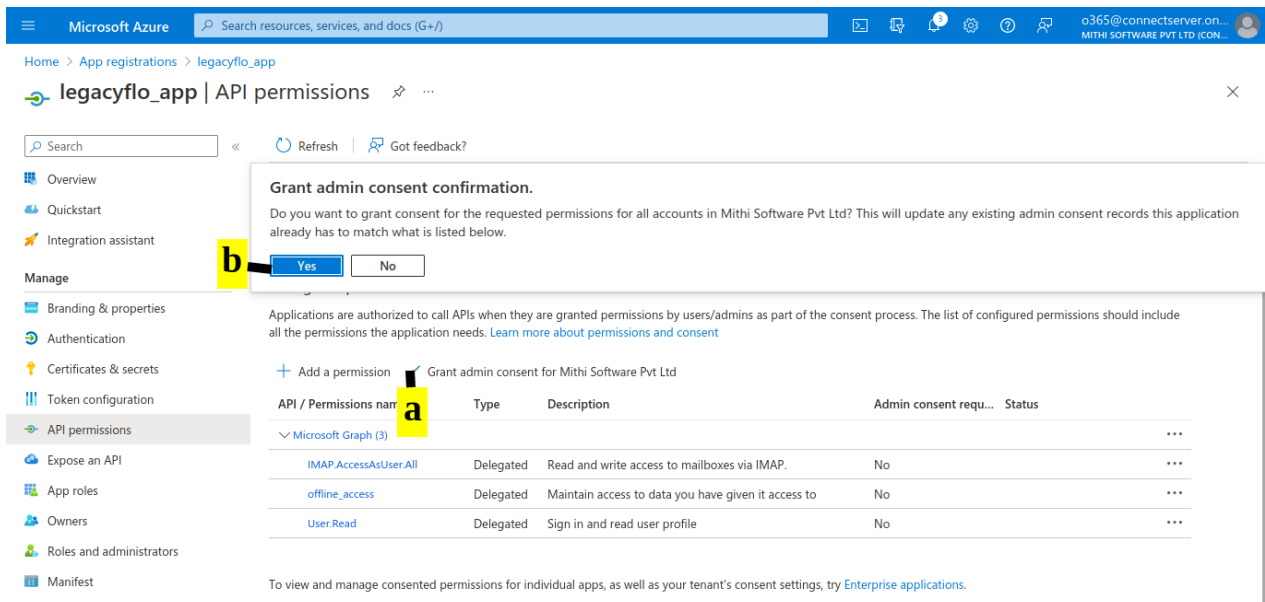
The API permissions required will depend on the data which you wish to copy to a Vaultastic Store. Add the Application and Delegated Permissions as required depending on the data to be access.

- Select the Application and Delegated Permission Type
- Add the permissions as given in the table.
- Select all the check boxes in the list below
- Click Add permissions when all required permissions have been added.

Data	Permission Type	Permissions	Sample Screen Shot
Mailbox	Delegated	User.Read.All Mail.ReadWrite.Shared Mail.Send.Shared email offline_access	
OneDrive	Delegated	Files.ReadWrite.All offline_access	

Data	Permission Type	Permissions	Sample Screen Shot
Distribution List Members (required by scheduler)	Application	Group.Read.All Group.ReadWrite.All Directory.Read.All	
Teams	Application	User.Read.All Chat.Read.All Team.ReadBasic.All ChannelMessage.Read.All Sites.Read.All	
Sharepoint	Application	Sites.Read.All	
Mailbox (for legacy method using IMAP)	Delegated	IMAP.AccessAsUser.All offline_access	

- (a) Select "Grant admin consent for <Account Name>"
- (b) On the Grant admin consent confirmation box, select Yes.



## Step 2: Register the Graph API credentials with LegacyFlo

- Navigate to the LegacyFlo/Vaultastic Open Store tab
- From the menu on the left side, click on the Integrations menu
- On the pop-up menu, select **Microsoft 365 Integrations**
  - If you have an access key for the mailboxes, **select Outlook (API)**.
  - If you have an access key for **OneDrive, select OneDrive**
  - If you have access key for **Teams, select Teams**
  - If you have access for **Sharepoint, select Sharepoint**
- To register the access key for a new domain, click on the **+ sign next to Register Key for the domain**
  - Enter the domain name** for which the key is to be registered
  - Enter the **Client ID, Tenant ID** and **Secret Value** as recorded from the steps above
- If you are registering access for Outlook (IMAP), Outlook (API) or OneDrive
  - Click on **Generate Code**
  - The system will open up a new tab with a URL** of the form  
`"https://integrations.legacyflo.com/legacyflo/m365apiregistration."`
  - Navigate to this tab. You will see two controls on the page. By clicking on Show Code, you can view the code generated. **Click on Copy Code** to copy the code.
  - Navigate back to the original dialog and Paste the code** in the **Paste Code** box. **Click on Save.**
  - The API is now registered with LegacyFlo.**
  - The next step will be to allow the API to access content of the mailboxes or drives as mentioned here. This has to be done for every user whose data needs to be accessed.
  - Close** the dialog box.
- To update the key for a domain, click on the edit icon next to the domain name and enter the credentials as



in step 5

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