

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

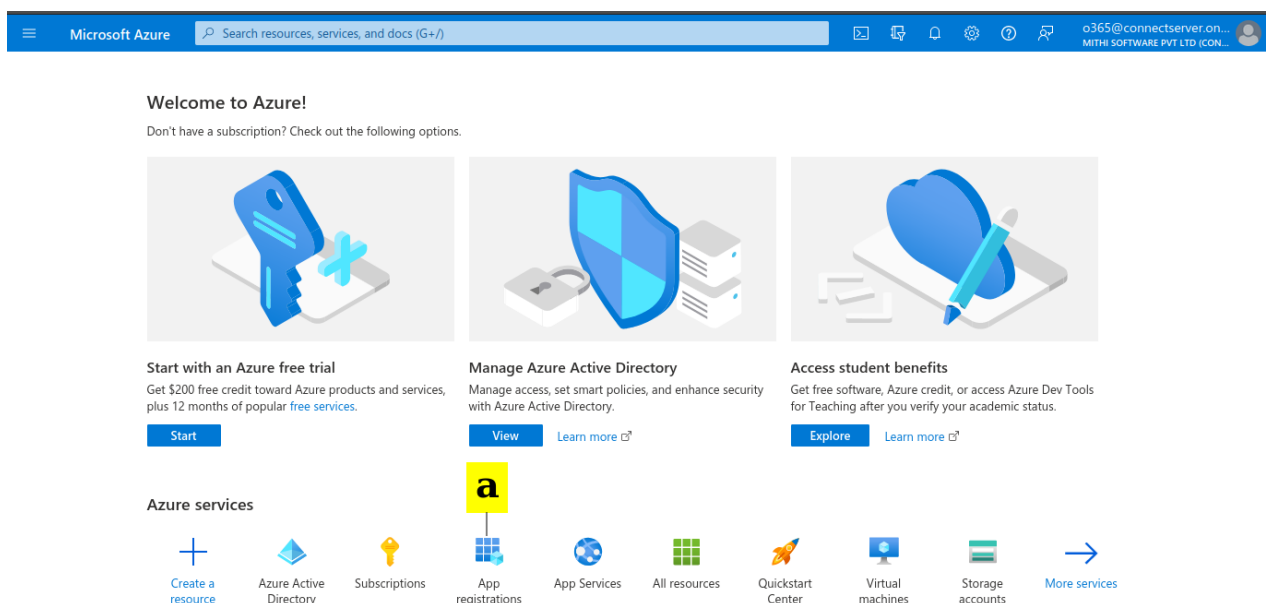
Login to your LegacyFlo/Vaultastic Open Store account.

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

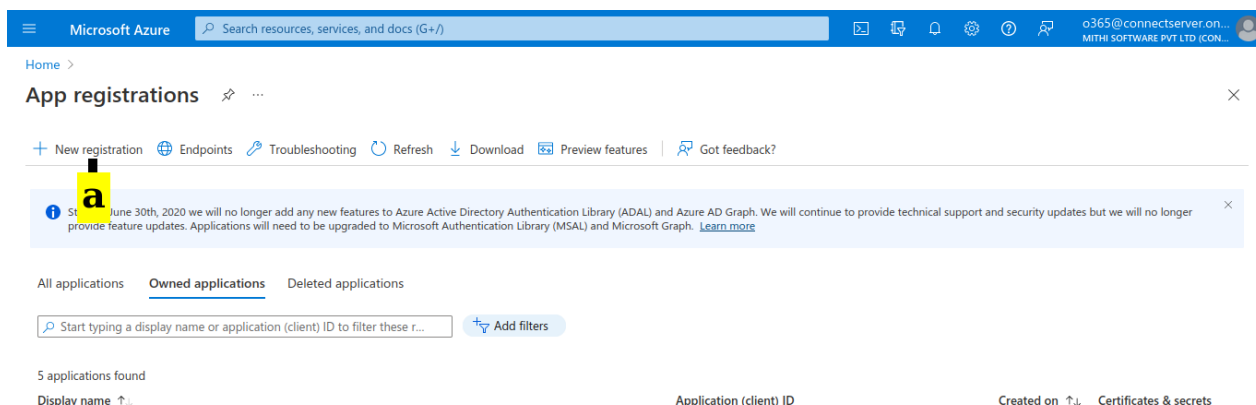
Navigate to [Cloud computing services](https://azure.microsoft.com/en-in/) (<https://azure.microsoft.com/en-in/>).

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

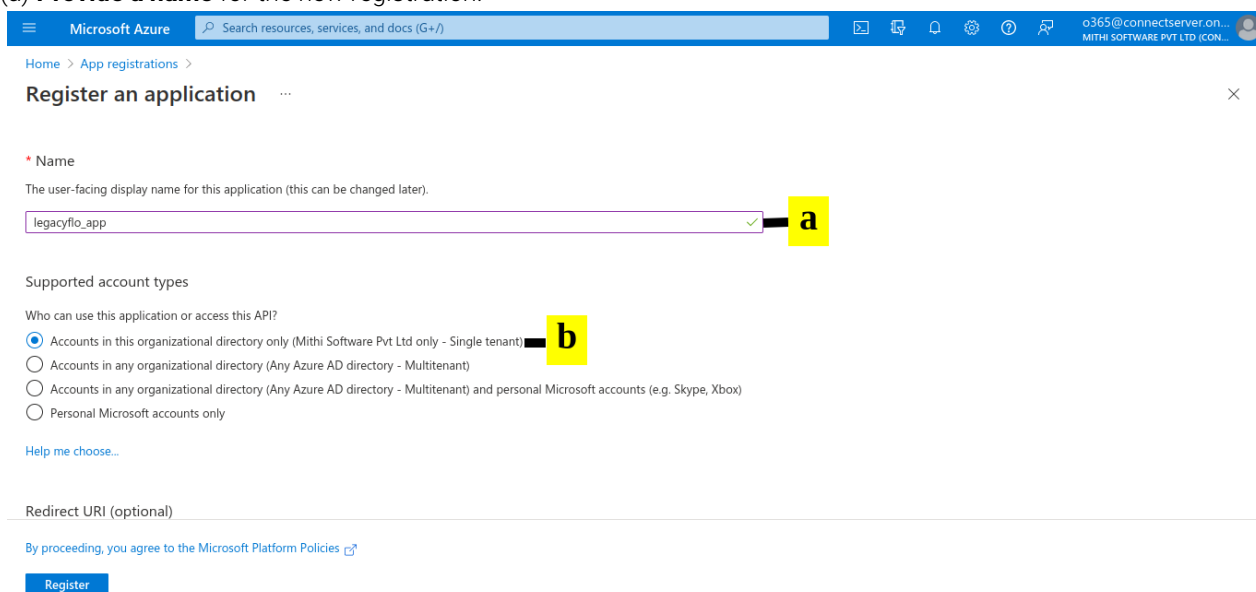
(a) Select **App registrations** Azure service.



(a) Click on **New registration**.



(a) **Provide a name** for the new registration.



(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**
(<https://integrations.legacyflo.com/legacyflo/m365apiregistration>) as the **Redirect URI**

(e) Click on **Register**.

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

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

For an app you're working on here. Integrate gallery apps and other apps from outside your organization by adding from [Enterprise applications](#).

By proceeding, you agree to the [Microsoft Platform Policies](#)

Register

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

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Welcome to Azure!

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Azure services

Create a resource

Azure Active Directory

Subscriptions

a
App registrations

App Services

All resources

Quickstart Center

Virtual machines

Storage accounts

More services

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

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

Home > App registrations

+ New registration Endpoints Troubleshooting Refresh Download Preview features Got feedback?

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](#)

All applications Owned applications Deleted applications

Start typing a display name or application (client) ID to filter these r... Add filters

8 applications found

Display name ↑↓	Application (client) ID	Created on ↑↓	Certificates & secrets
legacyflo_app	5a3d7805-8aa9-4782-a5f5-1b79c280e794	11/17/2022	-

(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

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

Home > App registrations > legacyflo_app

Search Delete Endpoints Preview features

Overview

Quickstart Integration assistant

Manage

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

Essentials

Display name : legacyflo_app

Application (client) ID : 5a3d7805-8aa9-4782-a5f5-1b79c280e794

Object ID : ea73439f-ea02-4068-bebe-1f9afebcd503

Directory (tenant) ID : bc7dbcf8-1500-41bd-941c-b363c1f6b0a8

Supported account types : My organization only

Client credentials : Add a certificate or secret

Redirect URIs : Add a Redirect URI

Application ID URI : Add an Application ID URI

Managed application in L... : legacyflo_app

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](#)

(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**.

The screenshot shows the Microsoft Azure portal interface. On the left, the 'Certificates & secrets' menu item is highlighted with a yellow box labeled 'a'. In the center, the 'Add a client secret' dialog is open. The 'Description' field contains 'legacyflo_app_key' (labeled 'c') and the 'Expires' dropdown is set to 'Recommended: 6 months' (labeled 'd'). At the bottom of the dialog, the 'Add' button is highlighted with a yellow box labeled 'e'. The background shows the 'Client secrets (0)' tab with a 'New client secret' button labeled 'b'.

(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**

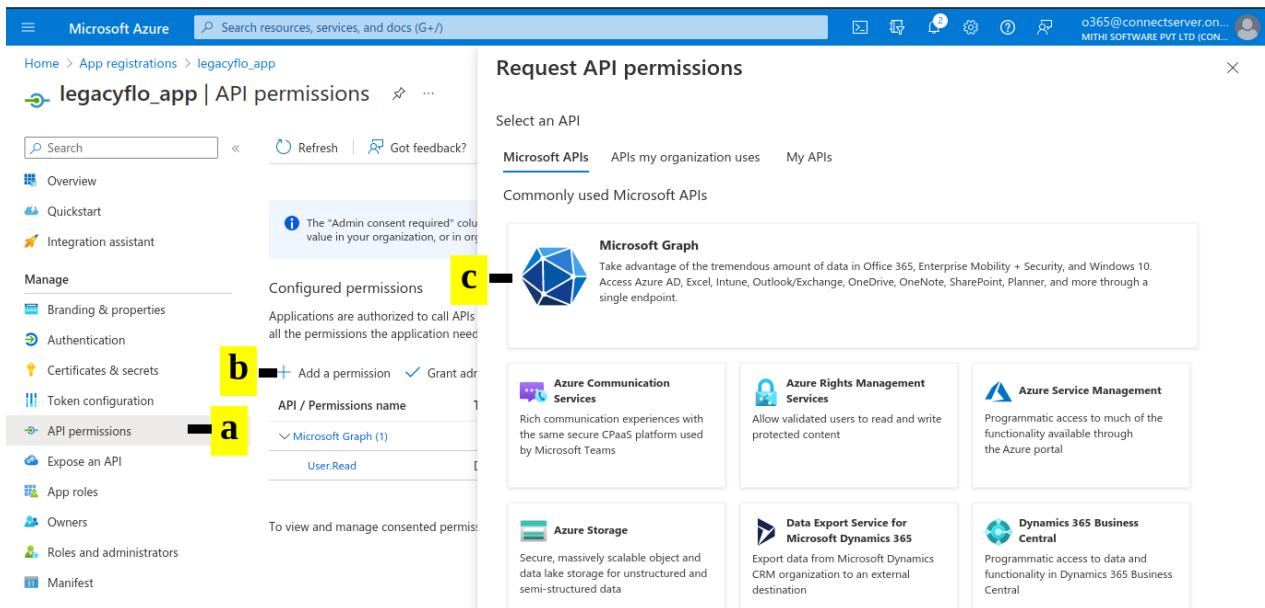
The screenshot shows the Microsoft Azure portal interface. On the left, the 'API permissions' menu item is highlighted with a yellow box labeled 'a'. The main content area shows the 'Certificates & secrets' page for the 'legacyflo_app'. The 'Client secrets (1)' tab is active, displaying a table with one client secret. The 'Value' column contains a long alphanumeric string, which is highlighted with a yellow box labeled 'a'.

Description	Expires	Value	Secret ID
legacyflo_app_key	5/17/2023	eOF8Q--mkJozYVaGZIYQd0Ny7otf8-BZ-...	11c2edad-6e8c-472f-985a-8bfd48ea8c85

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

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

(c) Select **Microsoft Graph**.

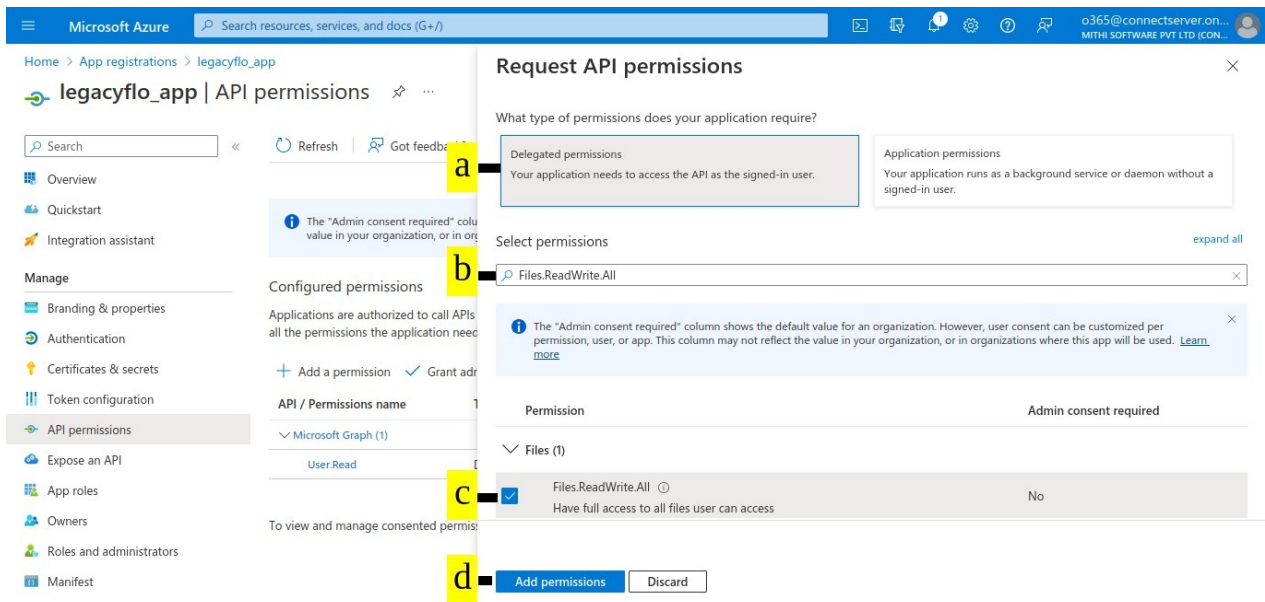


TO ACCESS TEAMS DATA DO THE FOLLOWING (required for request type TEAMS-S3-ZIP/TEAMS-S3-PST/TEAMS-VAULTASTIC4)

- (a) In the **Request API permissions** pop-up, select **Application permissions**.
- (b) Select the following permissions:
- **User.Read.All**
 - **Chat.Read.All**
 - **Team.ReadBasic.All**
 - **ChannelMessage.Read.All**
 - **Sites.Read.All**
- (d) Click **Add permissions**.

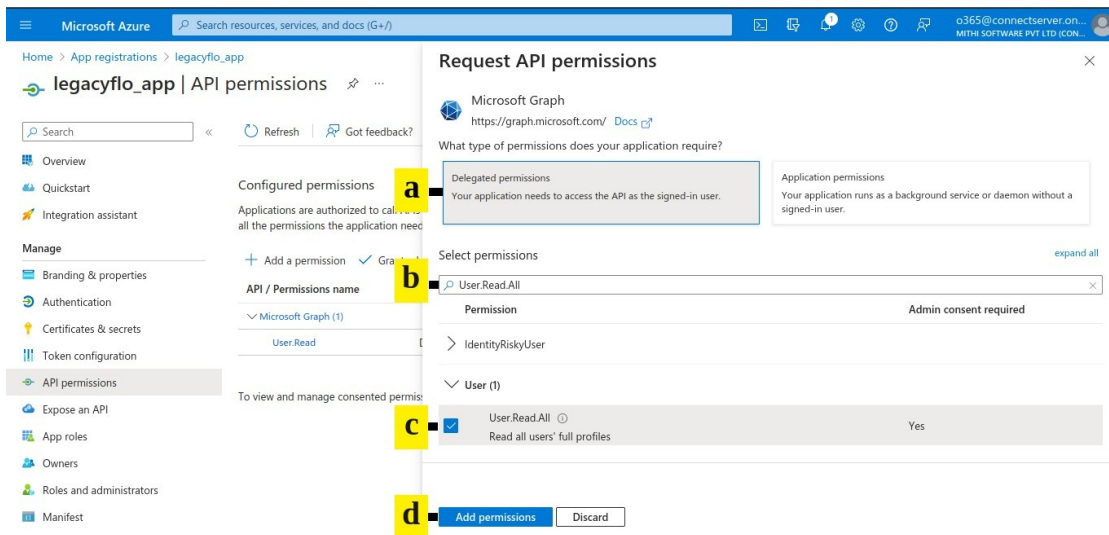
TO ACCESS ONEDRIVE DATA DO THE FOLLOWING (required for request type ONEDRIVE-S3-ZIP)

- (a) In the **Request API permissions** pop-up, select **Delegated permissions**.
- (b) Select the following permissions:
- **Files.ReadWrite.All**
 - **offline_access**
- (c) Select check box (**Files.ReadWrite.All**)
- (d) Click **Add permissions**.



TO ACCESS MAIL DATA USING THE GRAPH API DO THE FOLLOWING (required for request types M365API-S3-ZIP etc.)

- (a) In the **Request API permissions** pop-up, select **Delegated permissions**.
- (b) Select the following permissions:
 - User.Read.All
 - Mail.ReadWrite.Shared
 - Mail.Send.Shared
 - email
 - offline_access
- (c) Select check box **(User.Read.All)**
- (d) Click on **Add permissions**.



TO ACCESS MAIL DATA USING IMAP DO THE FOLLOWING (required for request types O365-S3-ZIP etc)

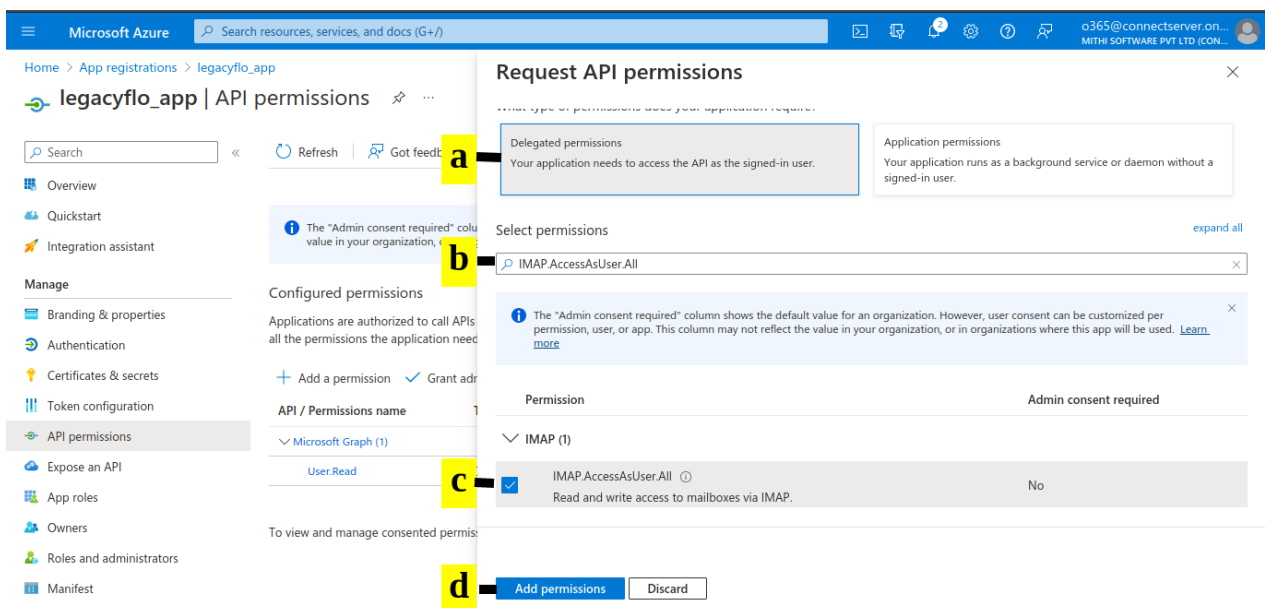
(a) In the **Request API permissions** pop-up, select **Delegated permissions**.

(b) Select the following permissions:

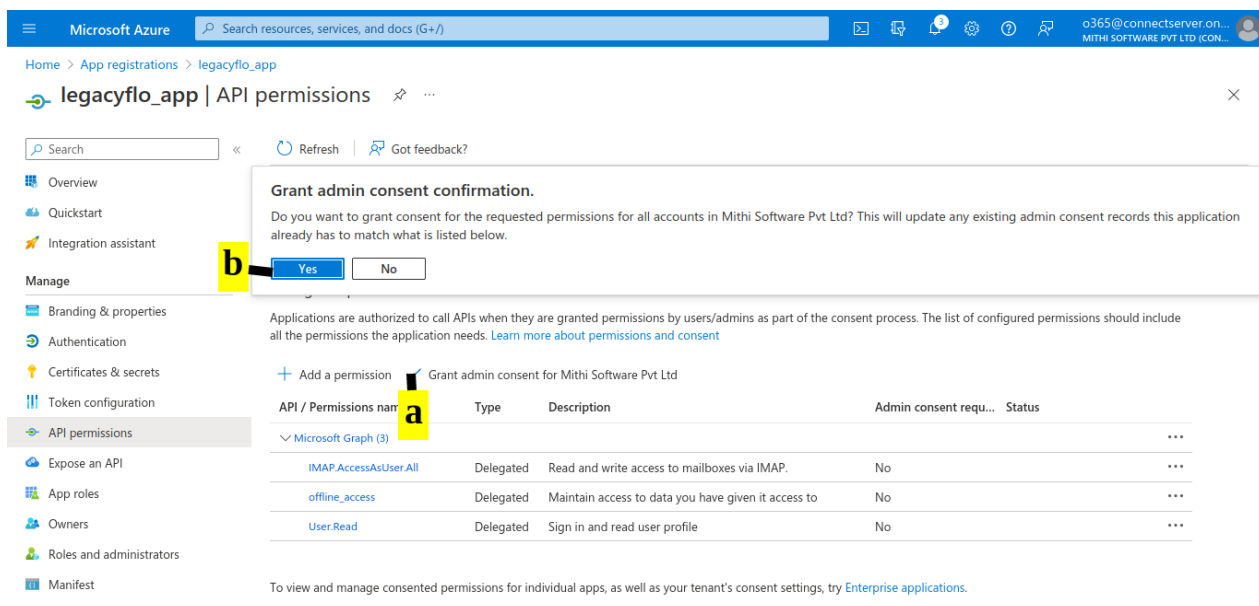
- **IMAP.AccessAsUser.All**
- **offline_access**

(c) Select check box **(IMAP.AccessAsUser.All)**

(d) Click on **Add permissions**.



- (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

1. Navigate to the LegacyFlo tab
2. From the menu on the left side, click on the Integrations menu
3. On the pop-up menu, select **Microsoft 365 Integrations**
4. If you have an access key for the mailboxes, **select Outlook (API)**. **OR** If you have an access key for **OneDrive**, **select OneDrive**
5. To register the access key for a new domain, click on the **+ sign next to Register Key for the domain**
 1. **Enter the domain name** for which the key is to be registered
 2. Enter the **Client ID**, **Tenant ID** and **Secret Value** as recorded from the steps above

Step 3: Generate the Code for Outlook with IMAP or API or One Drive access (not required for Teams data access)

1. Click on **Generate Code**
2. **The system will open up a new tab with a URL** of the form
 "https://integrations.legacyflo.com/legacyflo/m365apiregistration."
3. 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.
4. **Navigate back to the original dialog and Paste the code** in the **Paste Code** box. **Click on Save**.
5. **The API is now registered with LegacyFlo.**

6. 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.
 7. **Close** the dialog box.
 8. 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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