

# **BackupAddict 0365 Configuration Manual**

**Version 1.5**

# 1. Revision Log

Version No.	Date	Prepared / Updated by	Significant Changes
1.0	25-Feb-2021	Development Team	Initial version

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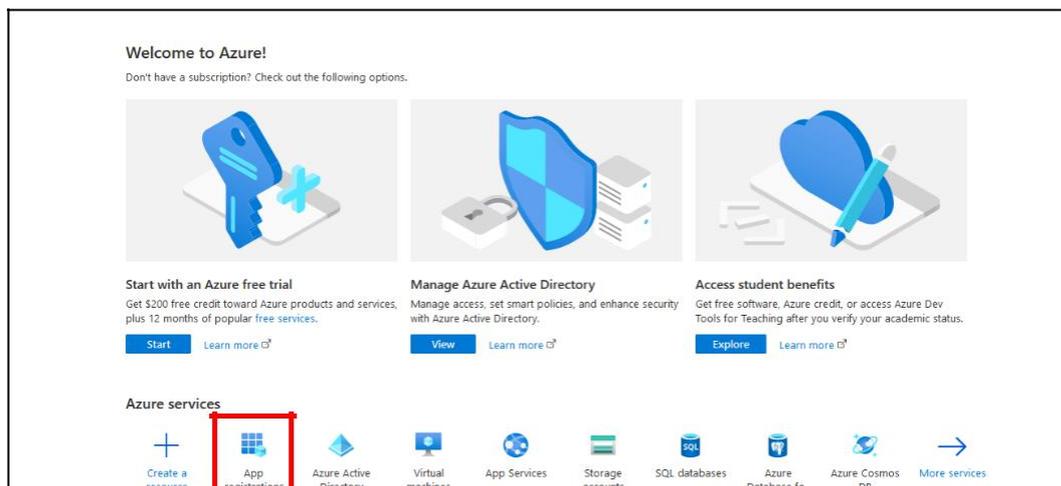
## 2. Introduction

### 2.1. Overview

The purpose of this document is to provide the steps required to configure BackupAddict O365 backup and restore. This document explains the preliminary application permissions that is required for O365 backup and restore. To perform the following configurations, the user must be signed in as a Global administrator for their O365 account.

### 2.2. Application Registration

1. Login to azure portal from <https://portal.azure.com>.
2. Sign up with o365 Global administrator account.
3. Click App Registration from the list of Azure services on the home page.



4. In the App registrations page, click New Registration
5. In the Register application screen enter the name of the application and under supported account types, select "Accounts in any organizational directory (Any Azure AD directory - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)".

**Register an application**

\* Name  
The user-facing display name for this application (this can be changed later).  
test app registration

Supported account types  
Who can use this application or access this API?  
 Accounts in this organizational directory only (Remote Backup Systems 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...

By proceeding, you agree to the Microsoft Platform Policies

Register

6. Click Register
7. The application registration process completes and displays the application details.

**test app registration**

Search (Ctrl+F) Delete Endpoints Preview features

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

**Essentials**

Display name	: test app registration	Supported account types	: All Microsoft account users
Application (client) ID	: e674ef5f-cb83-4bf4-aff5-c10e4c0c3434	Redirect URIs	: Add a Redirect URI
Directory (tenant) ID	: c650f425-84b0-49f1-86a6-bad39f8a29a2	Application ID URI	: Add an Application ID URI
Object ID	: d9fb32ae-7d77-4bf3-9ed3-7be8027eafef	Managed application in L	: test app registration

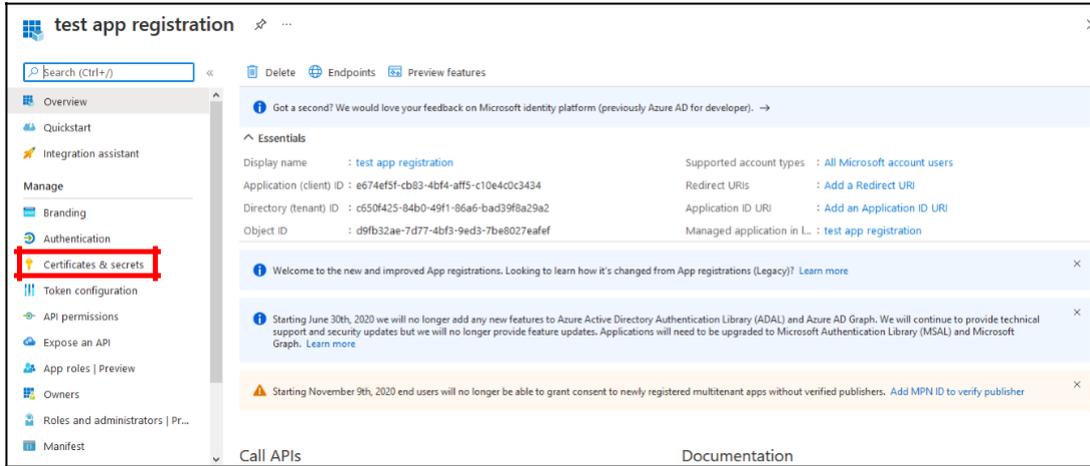
Welcome to the new and improved App registrations. Looking to learn how it's changed from App registrations (Legacy)? [Learn more](#)

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](#)

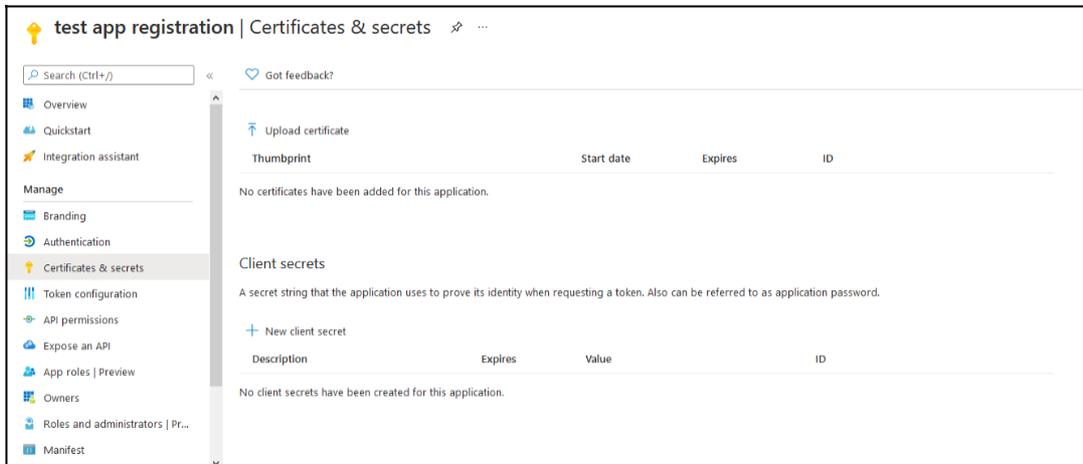
Starting November 9th, 2020 end users will no longer be able to grant consent to newly registered multitenant apps without verified publishers. Add MPN ID to verify publisher

Call APIs Documentation

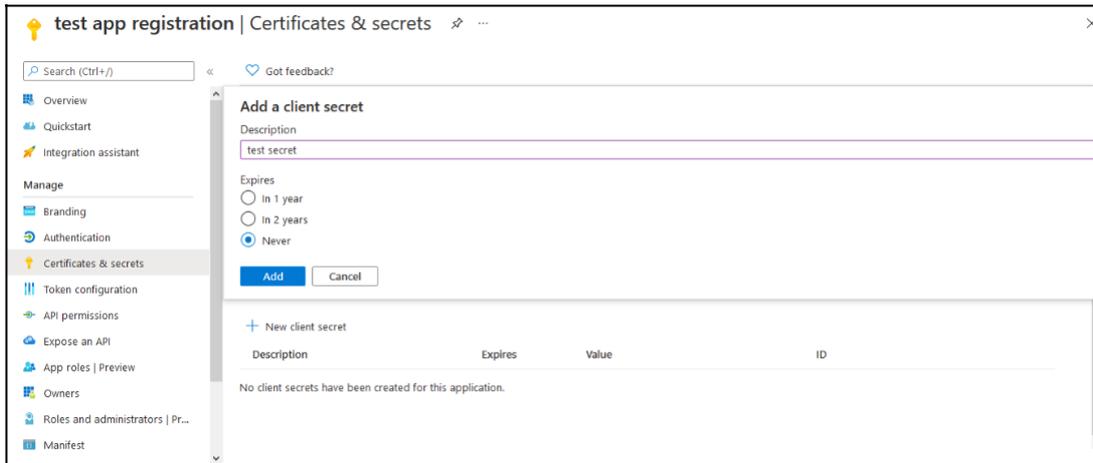
8. Make a note of Application (Client ID).
9. In the left navigation pane, click "Certificates & Secrets" link.



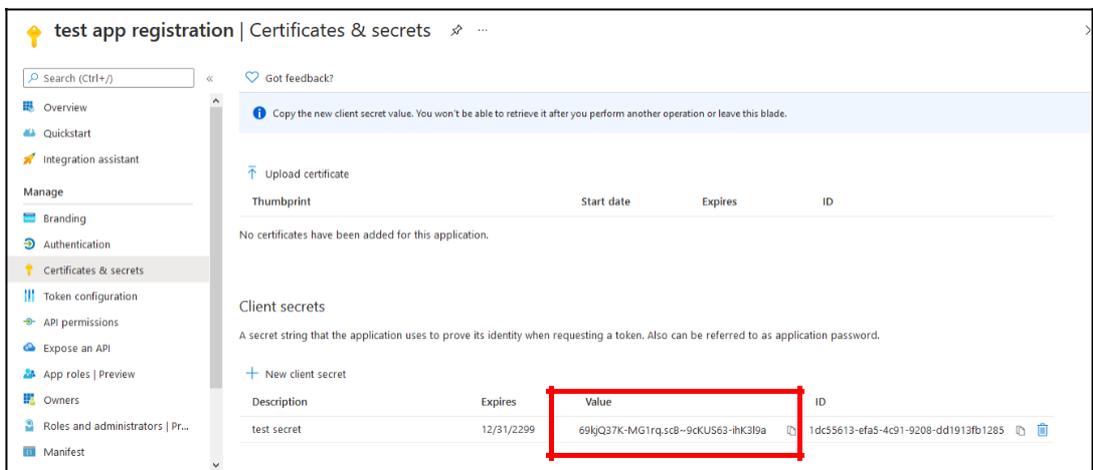
10. In the Certificates & Secrets page, Click New Client Secret under Client Secrets section.



11. In the Add a Client Secret window, enter the description of the client secret and select "Never" under expired options and click Add button.



12. New client secret is added. Copy the value of the client secret.

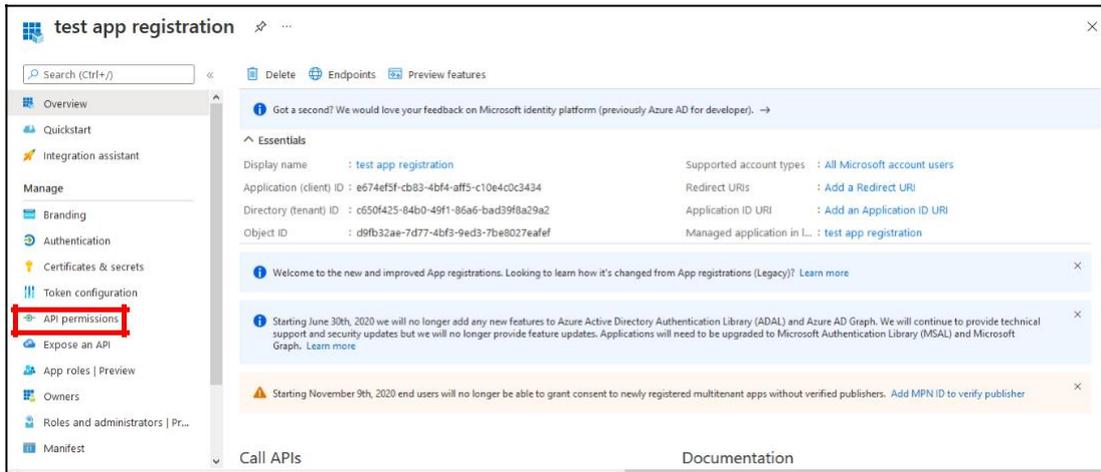


Note: Copy the client secret value. You will not be able to retrieve this value later.

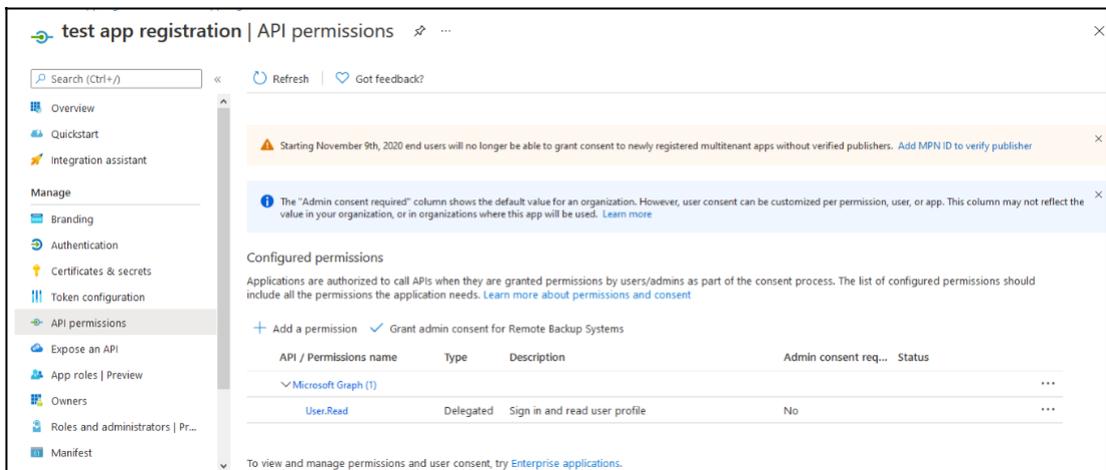
## 2.3. Configuring Permissions

The administrator needs to add a specific set of application permissions to perform O365 backup and restore. The following are the steps to add API permissions:

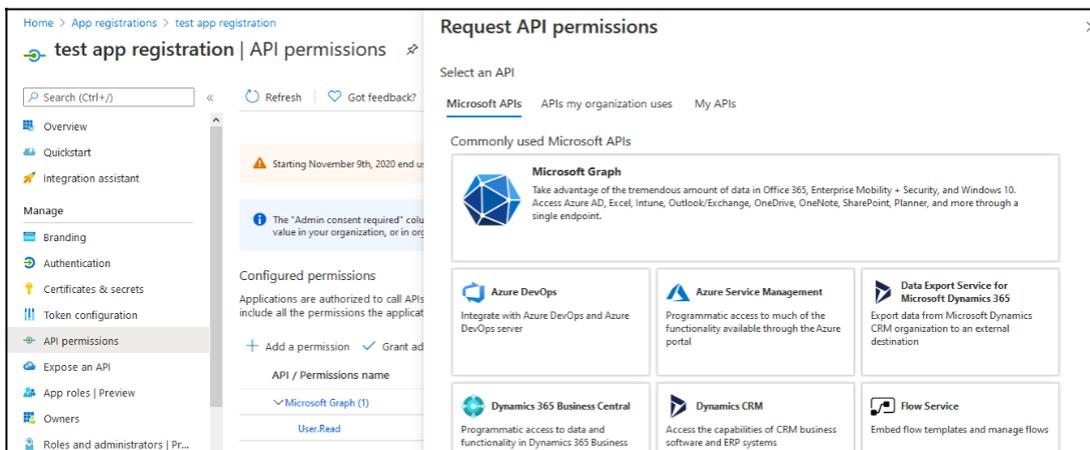
1. Click API permissions link on the left navigation pane from the newly registered application.



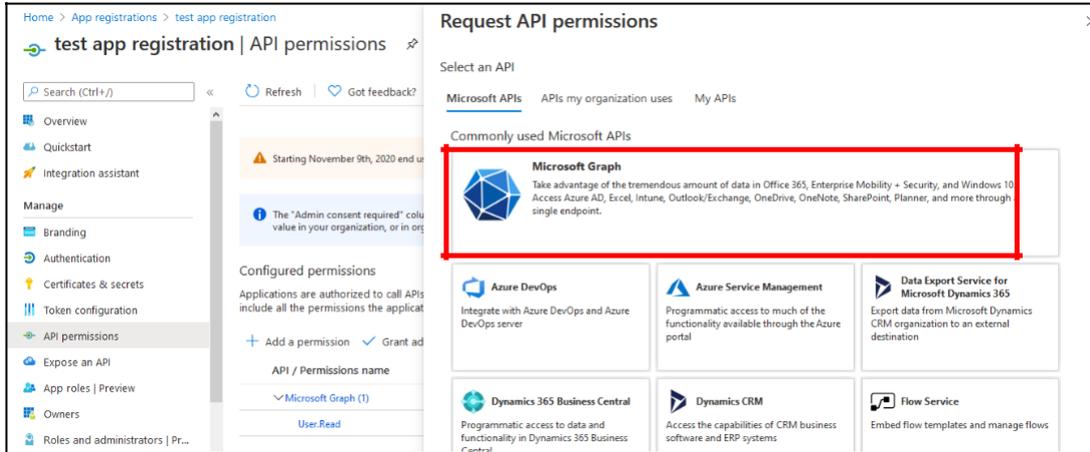
The API permission page appears.



2. Click Add a Permission. Request API permissions screen appears.

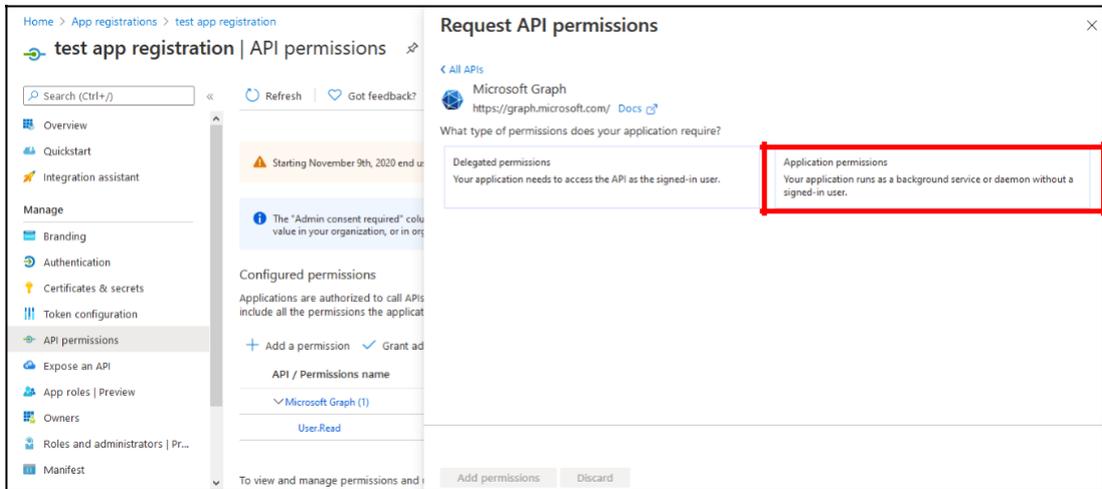


3. Under Microsoft APIs tab, click Microsoft Graph API.

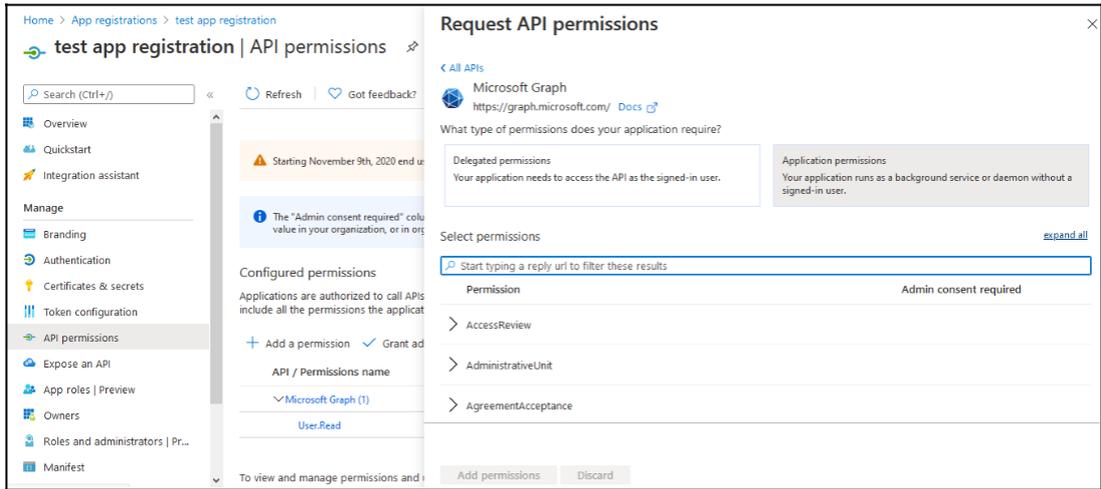


Microsoft Graph API permissions window appears.

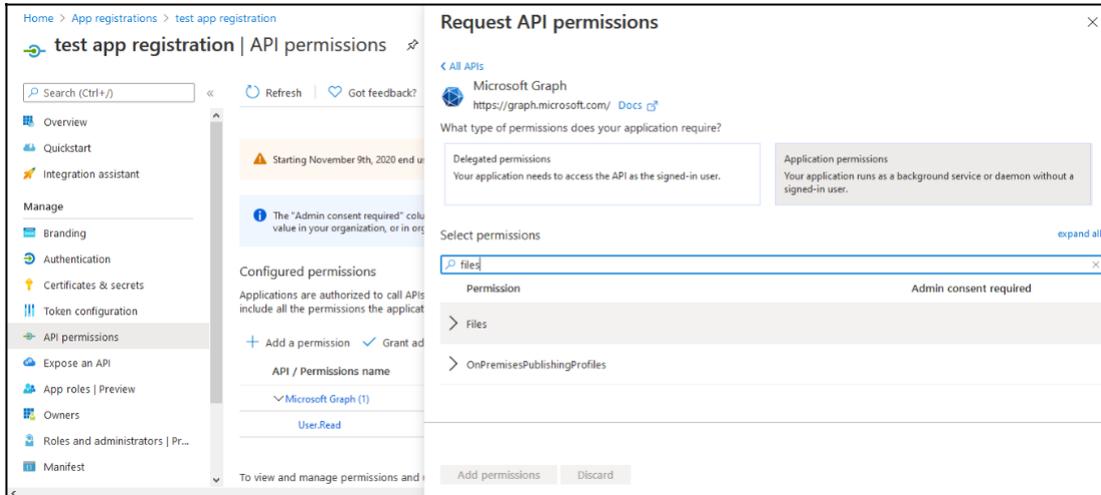
4. In the Microsoft Graph API permissions window, click Application Permissions.



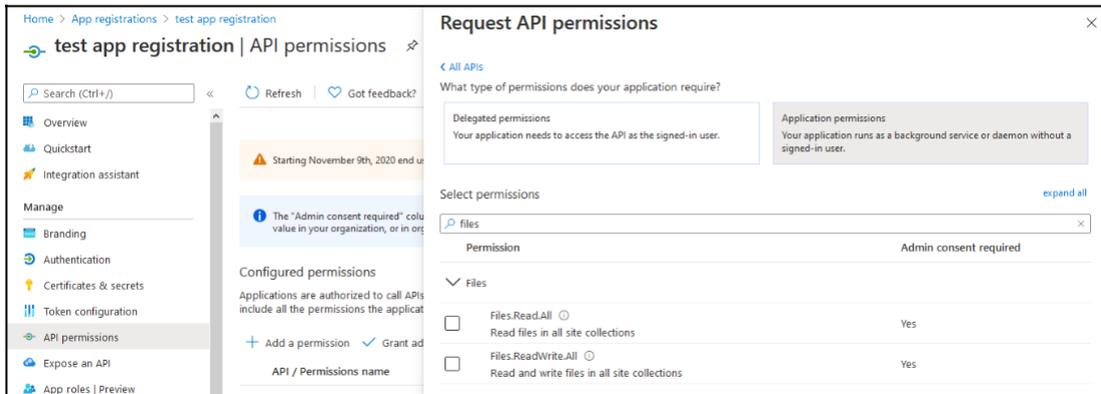
This select permissions option is now available. The administrator can search the permissions from the search box and add them.



5. In the search box, type files. The list of permissions related to files appears.



6. Click the arrow next Files to expand and display files permissions.



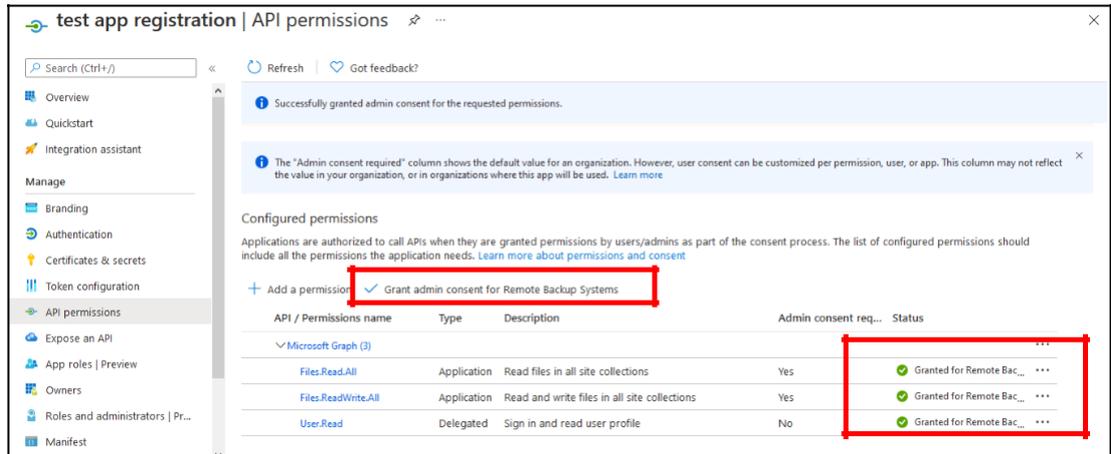
7. Select Files.Read.All and Files.ReadWrite.All and click Add Permissions.
8. In the similar way, add the following permissions.

Microsoft Graph (16)				
Directory.Read.All	Application	Read directory data	Yes	Granted for Remote Bac... <span>⋮</span>
Directory.ReadWrite.All	Application	Read and write directory data	Yes	Granted for Remote Bac... <span>⋮</span>
Files.Read.All	Application	Read files in all site collections	Yes	Granted for Remote Bac... <span>⋮</span>
Files.ReadWrite.All	Application	Read and write files in all site collections	Yes	Granted for Remote Bac... <span>⋮</span>
Mail.Read	Application	Read mail in all mailboxes	Yes	Granted for Remote Bac... <span>⋮</span>
Mail.ReadBasic	Application	Read basic mail in all mailboxes	Yes	Granted for Remote Bac... <span>⋮</span>
Mail.ReadBasic.All	Application	Read basic mail in all mailboxes	Yes	Granted for Remote Bac... <span>⋮</span>
Mail.ReadWrite	Application	Read and write mail in all mailboxes	Yes	Granted for Remote Bac... <span>⋮</span>
Mail.Send	Application	Send mail as any user	Yes	Granted for Remote Bac... <span>⋮</span>
Sites.FullControl.All	Application	Have full control of all site collections	Yes	Granted for Remote Bac... <span>⋮</span>
Sites.Manage.All	Application	Create, edit, and delete items and lists in all site collec...	Yes	Granted for Remote Bac... <span>⋮</span>
Sites.Read.All	Application	Read items in all site collections (preview)	Yes	Granted for Remote Bac... <span>⋮</span>
Sites.ReadWrite.All	Application	Read and write items in all site collections (preview)	Yes	Granted for Remote Bac... <span>⋮</span>

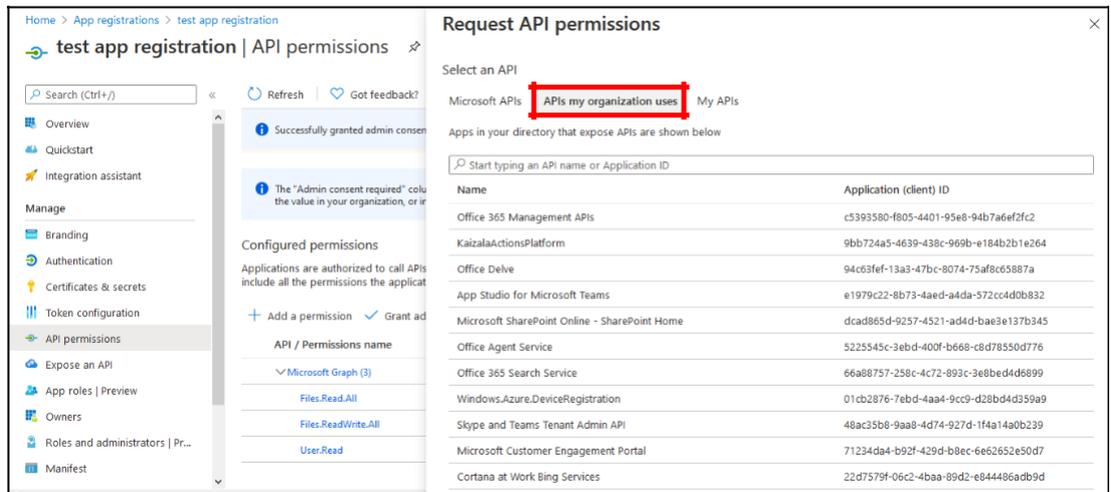
### Directory.Read.All

- Directory.ReadWrite.All
- Files.Read.All
- Files.ReadWrite.All
- Mail.Read
- Mail.Read.Basic
- Mail.ReadBasic.All
- Mail.ReadWrite
- Mail.Send
- Sites.FullControl.All
- Sites.Manage.All
- Sites.Read.All
- Sites.ReadWrite.All

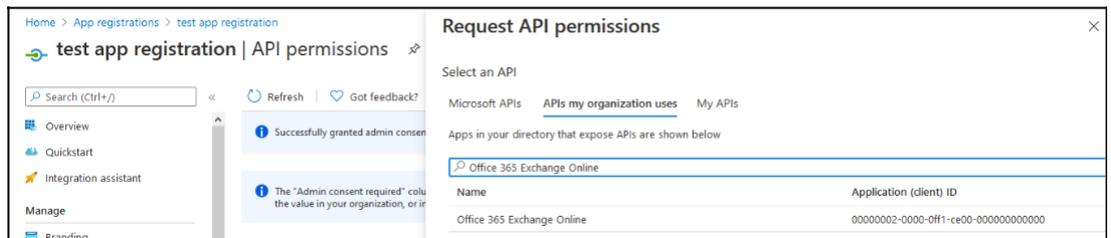
9. After adding all the permissions, the admin consent should be granted for all the selected permissions. Click “Grant admin consent for user”



10. Similarly, API permissions should be added to Office 365 Exchange Online. Click API Permissions from left navigation pane and click Add Permission (Refer Steps 1 and 2).
11. In the Request API Permissions screen, click on "APIs my organization uses" tab.



12. In the search box type "Office 365 Exchange Online".



13. Click Office 365 Exchange Online from search results.

14. Click Application Permissions.

15. Add the following permissions. Refer Steps 5 to 7 to add permissions.

Office 365 Exchange Online (7)					
full_access_as_app	Application	Use Exchange Web Services with full access to all mail...	Yes	Granted for Remote Bac...	...
Mail.Read	Application	Read mail in all mailboxes	Yes	Granted for Remote Bac...	...
Mail.ReadWrite	Application	Read and write mail in all mailboxes	Yes	Granted for Remote Bac...	...
MailboxSettings.Read	Application	Read all user mailbox settings	Yes	Granted for Remote Bac...	...
MailboxSettings.ReadWrite	Application	Read and write all user mailbox settings	Yes	Granted for Remote Bac...	...
User.Read.All	Application	Read all users' full profiles	Yes	Granted for Remote Bac...	...
User.ReadBasic.All	Application	Read all users' basic profiles	Yes	Granted for Remote Bac...	...

- Full\_access\_as\_app
- Mail.Read
- Mail.ReadWrite
- MailboxSettings.Read
- MailboxSettings.ReadWrite
- User.Read.All
- User.ReadBasic.All

16. After adding all the permissions, the admin consent should be granted for all the selected permissions. Click “ Grant admin consent for user”. Refer step 9.

17. The API permissions are added.