

Configure BrightWork 365 Graph Client App

Note This article is for customers using BrightWork 365 version 2025-2 or later who have not already completed these steps as part of the solution install.

Introduction

BrightWork 365 2025-2 introduces new Flexible Microsoft Teams and Document Management features that enable users with the correct permissions to select a Teams Channel to associate with projects, programs, and portfolios.

The files tab in this channel then becomes the document location for the project, program, or portfolio. Alternatively, users can select another SharePoint document library folder to use as the document location for the project, program, or portfolio. Users do this via pickers that use a Microsoft Graph API to only return the Teams and SharePoint locations to which the logged-in user has access.

For this to work, it is necessary to add an app registration that delegates the necessary permissions to make the Graph API query on behalf of the logged in user.

At a high level, the app allows the user to:

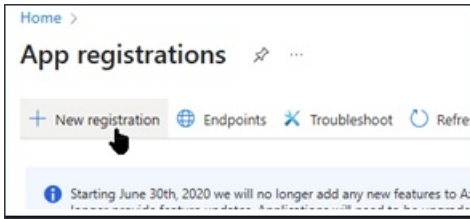
- Select a Channel in Microsoft Teams (to which they must have access) to associate with a project, program, or portfolio.
- Optionally create a tab for the project, program, or portfolio in that channel.
- Select an alternative SharePoint document library or folder to use as the document location for the project, program, or portfolio.

It is important to stress that this app registration does not give users any extra permissions or access – it just leverages the permissions and access that users already have.

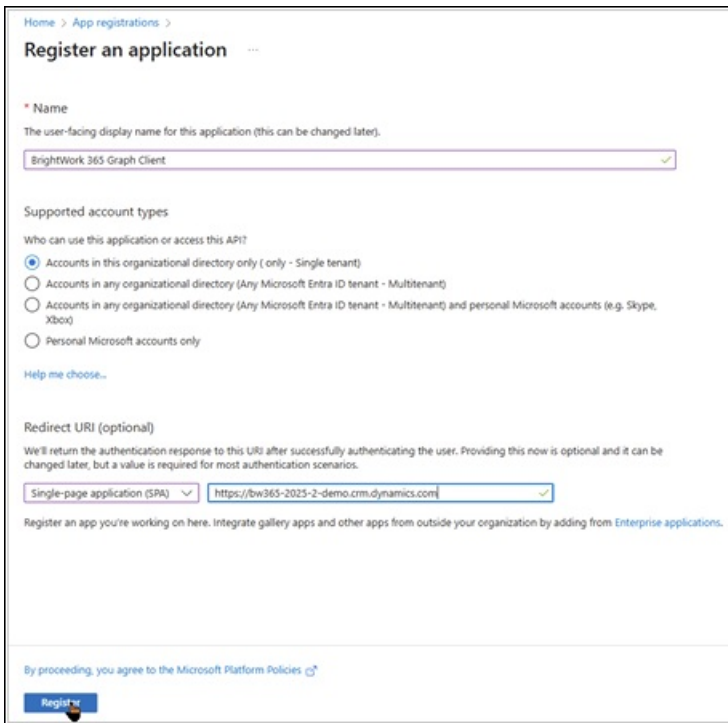
Add the App

Note You need at least the [Cloud Application Administrator role \(Microsoft Learn link\)](#) to create the app. A user with the role of [Privileged Role Administrator \(Microsoft Learn link\)](#) will need to approve the permissions granted by the app.

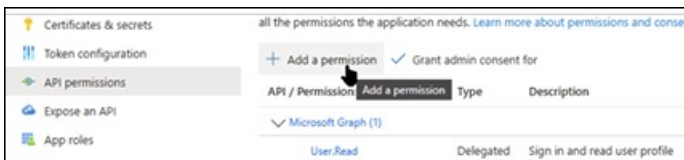
1. Login to <https://entra.microsoft.com/>.
2. Expand Applications in the Identity section and click **App registrations**.
3. Click **+ New Registrations**.



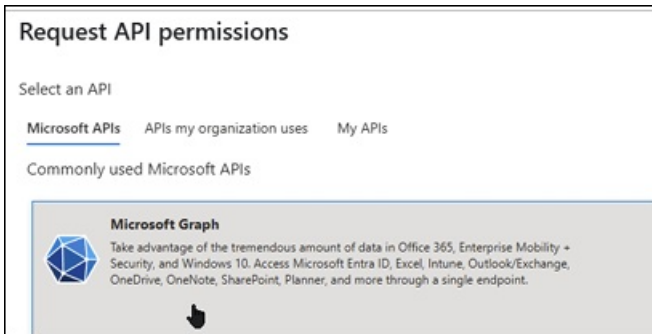
4. Enter 'BrightWork 365 Graph Client' in the Name field.
5. Select **Accounts in this organizational directory only (Single tenant)**.
6. Select **Single-page application (SPA)** from the Redirect URI section and enter the URL of the BrightWork 365 environment.
7. Click **Register**.



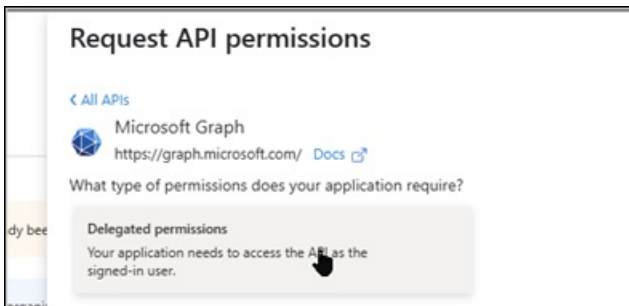
8. Click **API Permissions | + Add a permission**.



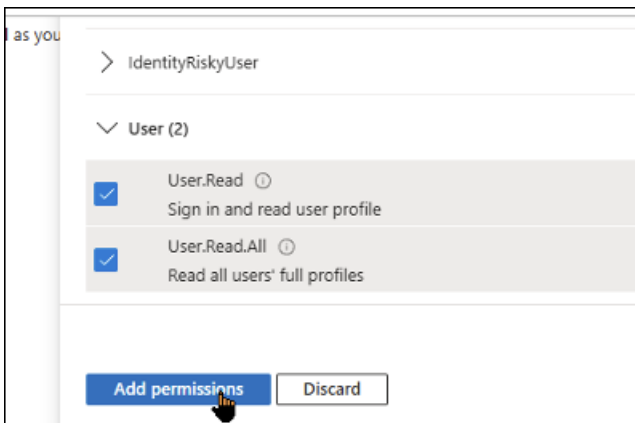
9. Click **Microsoft Graph**.



10. Click **Delegated permissions**.



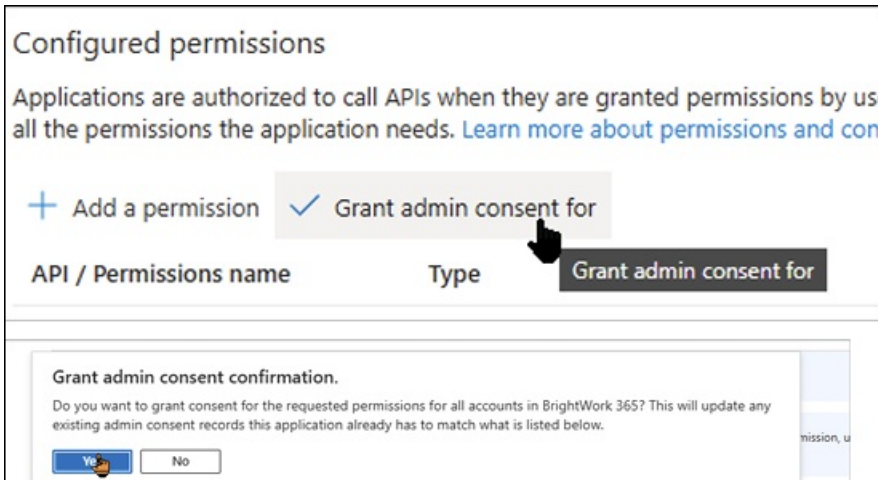
11. Enter User.Read in the filter, select **User.Read** and **User.Read.All** and click **Add permissions**.



12. Repeat these steps for the following permissions:

1. Channel.ReadBasic.All
2. ChannelMessage.Send
3. ChannelSettings.Read.All
4. Files.ReadWrite.All
5. Sites.Read.All
6. Team.ReadBasic.All
7. TeamSettings.Read.All
8. TeamsTab.Create
9. User.Read
10. User.Read.All

13. Click **Grant admin consent for** and then **Yes** to confirm.



The Configured permissions section should look like the below:

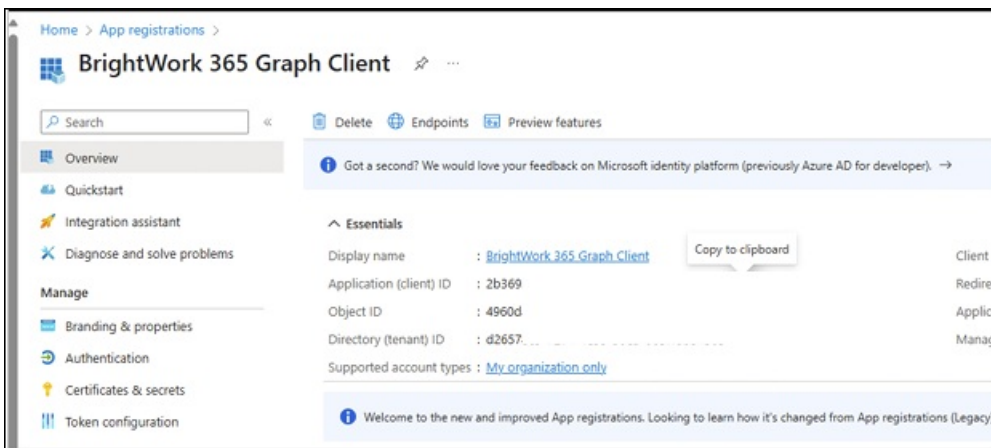
Configured permissions

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 BrightWork

API / Permissions name	Type	Description	Admin consent requ...	Status
Microsoft Graph (10)				
Channel.ReadBasic.All	Delegated	Read the names and descriptions of channels	No	Granted for BrightWork
ChannelMessage.Send	Delegated	Send channel messages	No	Granted for BrightWork
ChannelSettings.Read.All	Delegated	Read the names, descriptions, and settings of channels	Yes	Granted for BrightWork
Files.ReadWrite.All	Delegated	Have full access to all files user can access	No	Granted for BrightWork
Sites.Read.All	Delegated	Read items in all site collections	No	Granted for BrightWork
Team.ReadBasic.All	Delegated	Read the names and descriptions of teams	No	Granted for BrightWork
TeamSettings.Read.All	Delegated	Read teams' settings	Yes	Granted for BrightWork
TeamsTab.Create	Delegated	Create tabs in Microsoft Teams.	Yes	Granted for BrightWork
User.Read	Delegated	Sign in and read user profile	No	Granted for BrightWork
User.Read.All	Delegated	Read all users' full profiles	Yes	Granted for BrightWork

14. Click **Overview** and copy the Application (client) ID and Directory (tenant) ID to a text editor.

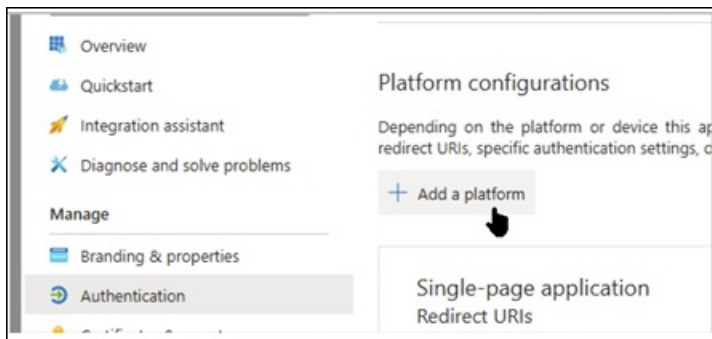


15. Bookmark this page.

Add Environment to the App

Every BrightWork 365 Environment in which you want to use the app must be added to the app.

1. Navigate to the BrightWork 365 Graph Client app registration home page.
2. Click **Authentication** on the navigation.
3. Click **+ Add a Platform**. You may need to switch to the 'old experience' to see this option.



4. Click **Single-page application**.



5. Paste the environment URL and click **Configure**.

Configure single-page application ✕

[← All platforms](#) [Quickstart](#) [Docs](#)

i The latest version of MSAL.js uses the authorization code flow with PKCE and CORS. [Learn more](#)

*** Redirect URIs**

The URIs we will accept as destinations when returning authentication responses (tokens) after successfully authenticating or signing out users. The redirect URI you send in the request to the login server should match one listed here. Also referred to as reply URLs. [Learn more about Redirect URIs and their restrictions](#)

✓

Grant types

MSAL.js 2.0 does not support implicit grant. Enable implicit grant settings only if your app is using MSAL.js 1.0. [Learn more about auth code flow](#)

✓ Your Redirect URI is eligible for the Authorization Code Flow with PKCE.
