

Configure BrightWork 365 Graph Client App

Introduction

BrightWork 365 2025-2 introduces new Flexible 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:

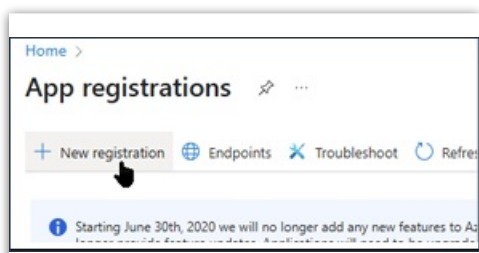
- Select a Channel in Microsoft Teams (to which they must have access) to associate with a project, program, or portfolio.
- Optionally create a tab for the project, program, or portfolio in that channel.
- Select an alternative SharePoint document library or folder to use as the document location for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



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

Home > App registrations > Register an application

Name
The user-facing display name for this application (this can be changed later).
BrightWork 365 Graph Client

Supported account types
Who can use this application or access this API?
☒ Accounts in this organizational directory only (only - Single tenant)
☐ Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant)
☐ Accounts in any organizational directory (Any Microsoft Entra ID tenant - 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.
 Single-page application (SPA) | https://bw365-2025-2-demo.crm.dynamics.com
 Register 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

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

Certificates & secrets | Token configuration | **API permissions** | Expose an API | App roles

all the permissions the application needs. [Learn more about permissions and consent](#)

[+ Add a permission](#) | [Grant admin consent for](#)

API / Permission	Add a permission	Type	Description
Microsoft Graph (1)			
User.Read		Delegated	Sign in and read user profile

- Click **Microsoft Graph**.

Request API permissions

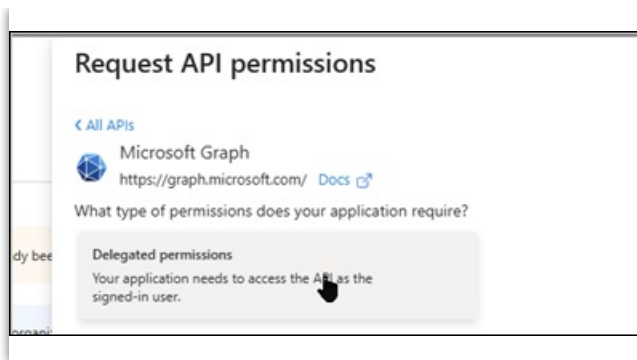
Select an API

Microsoft APIs | APIs my organization uses | My APIs

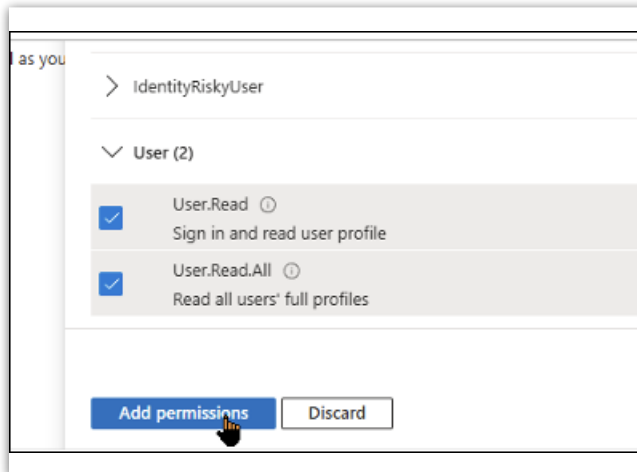
Commonly used Microsoft APIs

Microsoft Graph
Take advantage of the tremendous amount of data in Office 365, Enterprise Mobility + Security, and Windows 10. Access Microsoft Entra ID, Excel, Intune, Outlook/Exchange, OneDrive, OneNote, SharePoint, Planner, and more through a single endpoint.

- 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.

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](#)

API / Permissions name	Type	Grant admin consent for
<p>Grant admin consent confirmation.</p> <p>Do you want to grant consent for the requested permissions for all accounts in BrightWork 365? This will update any existing admin consent records this application already has to match what is listed below.</p> <p> <input type="button" value="Yes"/> <input type="button" value="No"/> </p>		

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.

Home > App registrations >

BrightWork 365 Graph Client

Search [] Delete Endpoints Preview features

Overview Quickstart Integration assistant Diagnose and solve problems

Manage Branding & properties Authentication Certificates & secrets Token configuration

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

Essentials

Display name	: BrightWork 365 Graph Client	Client c
Application (client) ID	: 2b36953b-cd55-431d-a861-25c59d2d63c8	Redirec
Object ID	: 4960da12-cf2b-40a6-bece-e52d0b08e1e4	Applica
Directory (tenant) ID	: d26578c5-7274-4e95-90e3-0ce1f8b54563	Managi
Supported account types	: My organization only	

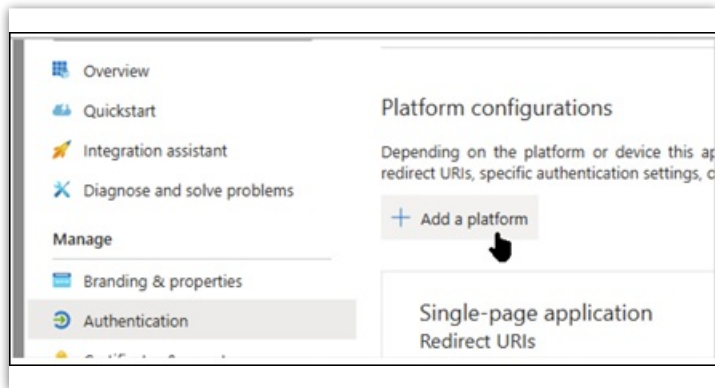
Welcome to the new and improved App registrations. Looking to learn how it's changed from App registrations (Legacy)?

15. Bookmark this page.

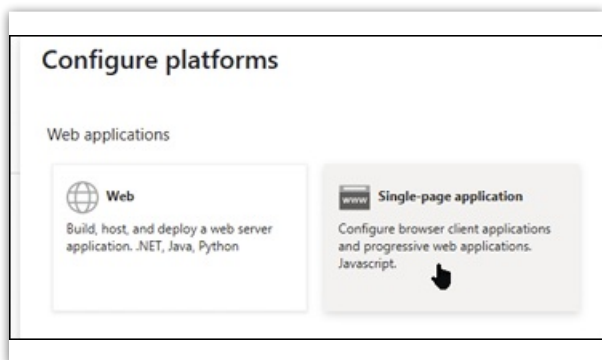
Add Environment to the App

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](#)

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](#)

https://bw365-demo.crm.dynamics.com/

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.

Configure

Cancel