Microsoft Account

Create an Azure Login with your organization account.

Office 365 users should be able to register without payment; new users can register for a free trial but will be charged after 1 year.

Applications with delegated permissions do not require Admin consent to setup.

Use Microsoft Entra to manage app configuration. Select Manage Entra ID on the Azure main page.

App Configuration

Login to Entra. Under Applications, select App Registrations.

Create a new registration.

Under Permissions, add new Platform (mobile + desktop); add Redirect URI

Under Advanced Settings, enable Public Client Flows

Under API Permissions, add a permission. Select Microsoft Graph, specify delegated permissions and select desired functionality for Graph API

Microsoft Graph API

In order to use MS Graph API, you must note 3 requirements:

Tenant ID
This is your organizations Unique ID. This is found in the Overview section.

Client ID
AKA Application ID. This is your registered app id. This is found under the app registrations section.

Redirect URI
This is where Microsoft sends the auth code during the authorization code flow. This is set and found in the authentication section of the app registration.

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7. Sends Aquire Token Request Using Authorization Code and Redirect URI

MSAL PublicClientApplication

Microsoft Services

1. Request Authorization URL

2. Sends Authorization URL

8. Grants Access Token

Access Token for MS Graph API

6. Sends Authorization Code

3. Open Authorization URL

Login Page

Web Browser

4. User Login

HTTP Server

Listens to Redirect URI

5. Sends Authorization Code to Redirect URI