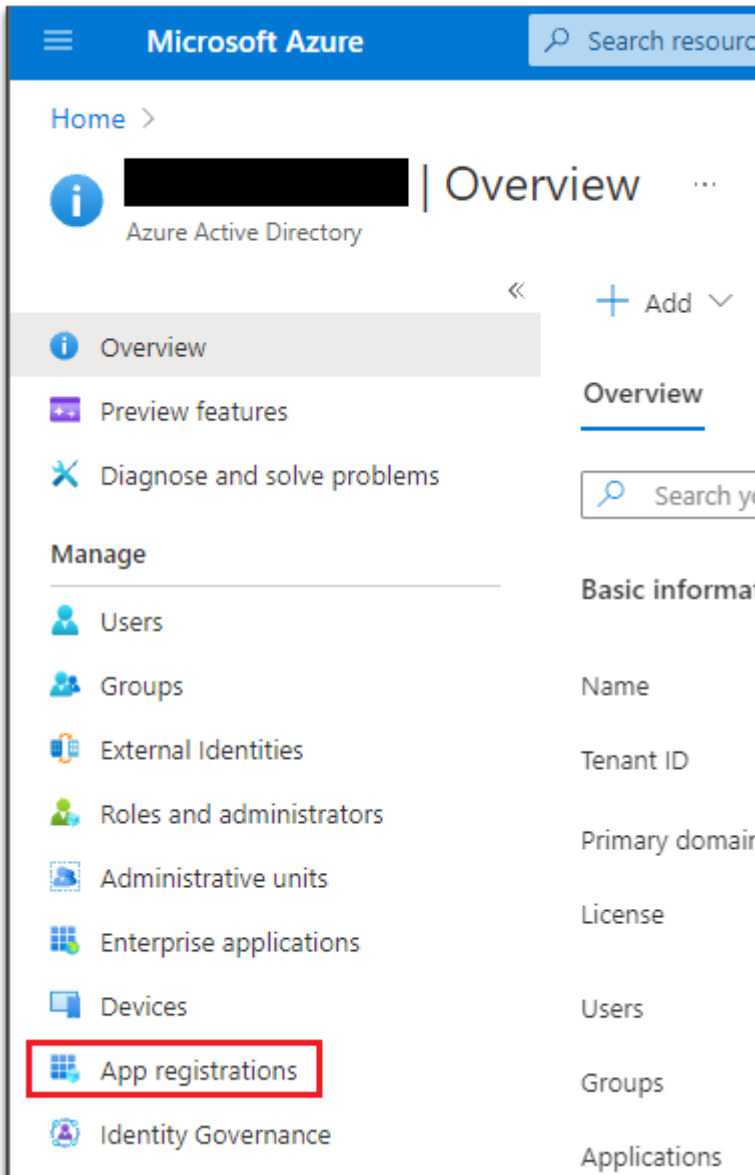
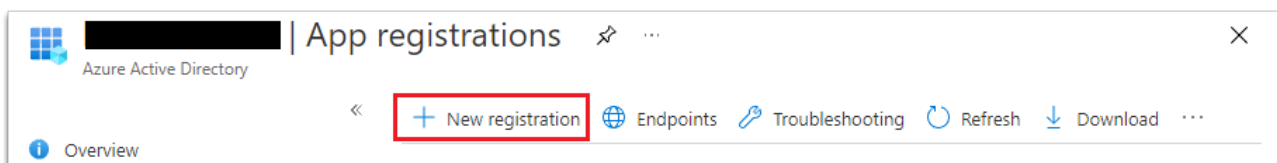


How to create a custom private client app in Azure

1. Log in to portal.azure.com with an account that has sufficient rights to register new applications.
2. Go to **Azure Active Directory**.
3. Click **App registrations**.



4. Click **New registration**.



5. Enter a name for your custom application and choose **Accounts in this organizational directory only (Single tenant)**.

Register an application

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

Supported account types
Who can use this application or access this API?

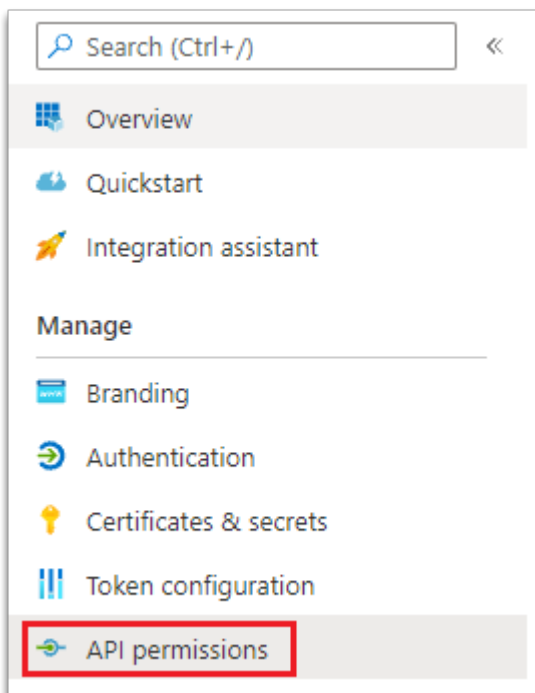
Accounts in this organizational directory only (Single tenant)

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

6. Click **Register**.
7. Now click **API permissions**.



8. Click **Add a permission**.

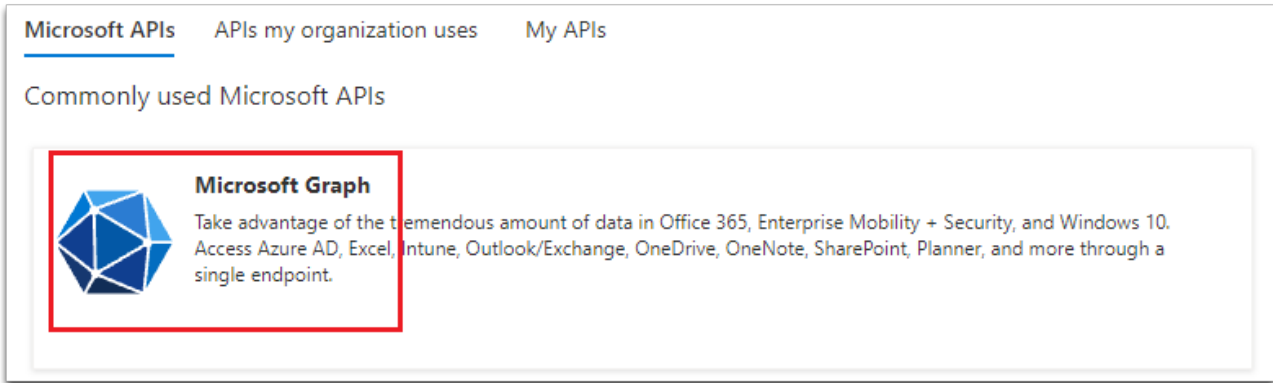
Configured permissions

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](#)

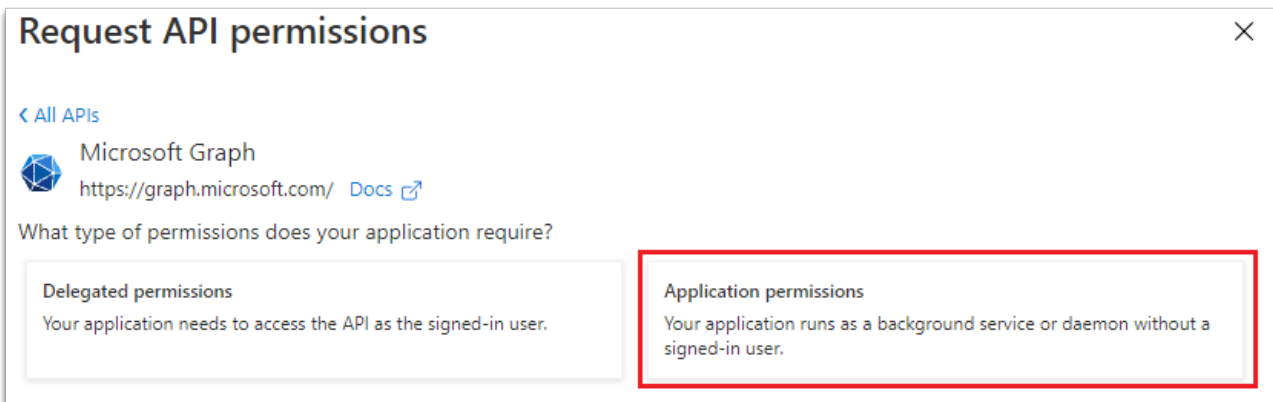
+ Add a permission Grant admin consent for blueswifttest

API / Permissions name	Type	Description	Admin consent req...	Status
<div style="border-bottom: 1px solid #ccc; padding-bottom: 5px;"> Microsoft Graph (1) ⋮ </div>				
User.Read	Delegated	Sign in and read user profile	No	⋮

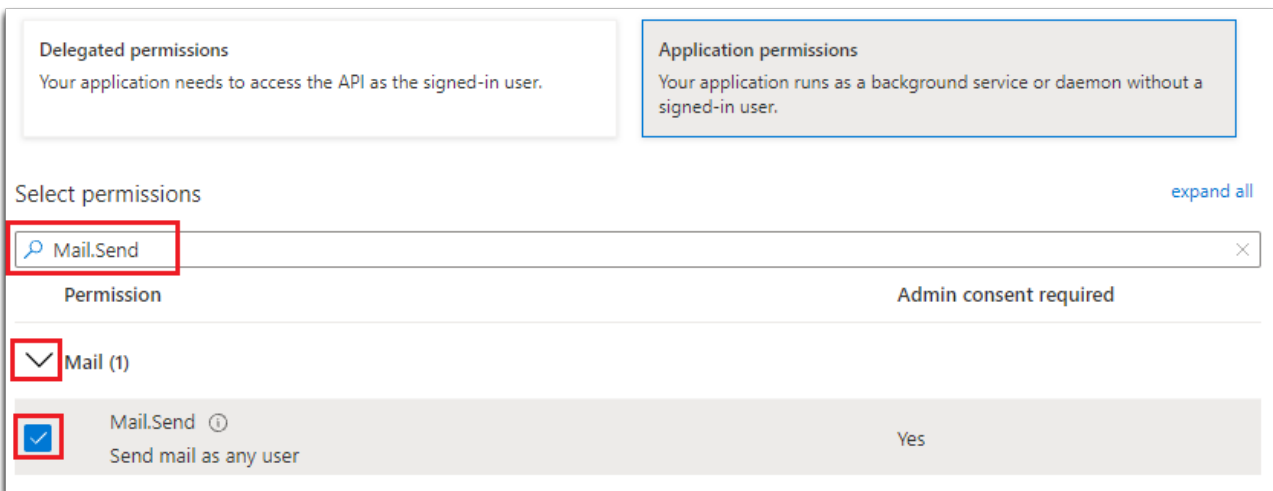
9. Click **Microsoft Graph**.



10. Click **Application permissions**.



11. In the **Select permissions** search box, type **Mail.Send**. Click the down symbol next to **Mail** and then tick the **Mail.Send** checkbox.



12. Now we need to grant admin consent for the application to use the Mail.Send permission. Click the **Grant admin consent for tenantname** button.

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

+ Add a permission Grant admin consent for [redacted]

API / Permissions name	Type	Description	Admin consent req...	Status
▼ Microsoft Graph (2)				
Mail.Send	Application	Send mail as any user	Yes	⚠ Not granted for
User.Read	Delegated	Sign in and read user profile	No	

13. Click **Yes** to confirm.

Refresh | Got feedback?

Grant admin consent confirmation.

Do you want to grant consent for the requested permissions for all accounts in blueswifttest? This will update any existing admin consent records this application already has to match what is listed below.

14. Now that the permissions have been set, we need to create an application secret that will be used by Print Director to log in and send emails. Click the **Overview** button to return to the app details.

My email app | API

Search (Ctrl+ /) <<

-
- Quickstart
- Integration assistant

15. Click **Add a certificate or secret**.

Essentials

Display name
My email app

Client credentials

16. Now click **New client secret**.

Certificates

Certificates can be used as secrets to prove the application's

[↑ Upload certificate](#)

Thumbprint

No certificates have been added for this application.

Client secrets

A secret string that the application uses to prove its identity

[+ New client secret](#)

Description	Expires
No client secrets have been created for this application.	

- Fill in the **Description** and **Expires** boxes. Note that after the expiry, any Print Director Email Send Accounts that are using this app will stop working. A new secret will need to be created and stored in the PD Email Send Account.

Add a client secret ×

Description

Expires

- Now the secret will be created. The Value must be copied immediately and stored securely. This is because the portal will redact the Value after a short time. If you lose the secret value, a new secret will need to be created. Click the copy button and paste the value somewhere secure (e.g. directly into the email account settings in Resource Manager).

Client secrets

A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

+ New client secret

Description	Expires	Value	Secret ID
Secret for PD	10/8/2023	HH07Q~cBzl2bvB2...	60aaf5f8-8479-4a5...

19. Now that the secret is created, the MS Graph application authentication record can be created in Print Director. Click the **Overview** button to get the values that will be required:

20. Paste them into the correct boxes in the MS Graph application authentication record. To create an Email Send Account using MS application authentication:

- In Resource Manager, navigate to **Email Management > Email Send Accounts**.
- Click **Add**.
- Enter a name for the account.
- Change the **Sending service type** dropdown to **MS Graph application authentication**.
- Click the ... button next to the **Client app** dropdown.
- Click the **New** button.
- Enter any name for the custom application.
- Paste the values copied from the Application Overview details (along with the client secret) into the fields and click OK.

MS Graph application authentication

Display name: My custom app

Application (client) ID: fdd4dd06-f64e-4cc3-ae1e-d86048b3c4bd

Client secret:

Directory (tenant) ID: f0aabf8d-76a5-43f3-840e-a706a884c8ff

Authority instance: https://login.microsoftonline.com/

Last status:

OK Cancel

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