

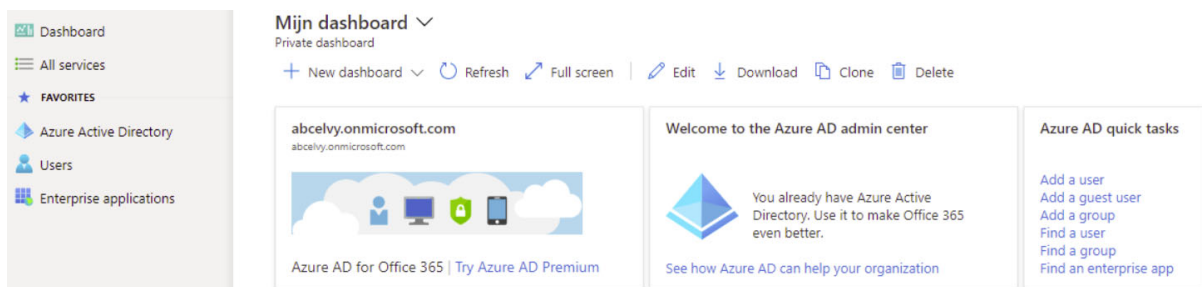
MICRO APPS

Registration Elvy App in Azure

To be able to use the app, an app registration needs to be made in Azure Active Directory. The app registration is needed for the authentication and authorization. This document explains what you need to do.

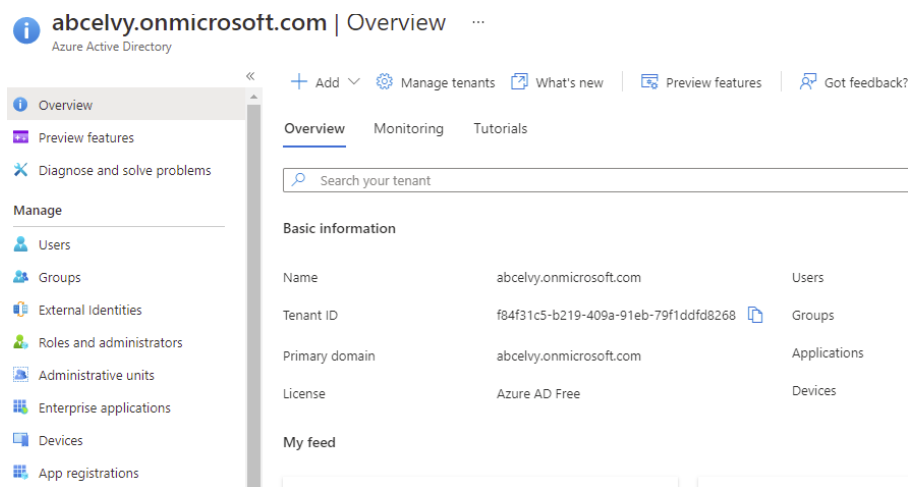
The authentication and authorization needs 2 values. These are the application (client) id and de client secret key. After adding the app registration these values needs to be given to Elvy.

1. Navigate to your Azure Dashboard and click on "Azure Active Directory".



The screenshot shows the Azure Active Directory dashboard for the tenant 'abcelvy.onmicrosoft.com'. The left sidebar contains navigation options: Dashboard, All services, FAVORITES, Azure Active Directory, Users, and Enterprise applications. The main content area is titled 'Mijn dashboard' and includes a search bar, a '+ New dashboard' button, and action buttons for Refresh, Full screen, Edit, Download, Clone, and Delete. Below the search bar are three main sections: 1. 'abcelvy.onmicrosoft.com' with a banner for 'Azure AD for Office 365 | Try Azure AD Premium'. 2. 'Welcome to the Azure AD admin center' with a message: 'You already have Azure Active Directory. Use it to make Office 365 even better.' and a link 'See how Azure AD can help your organization'. 3. 'Azure AD quick tasks' with links: 'Add a user', 'Add a guest user', 'Find a user', 'Find a group', and 'Find an enterprise app'.

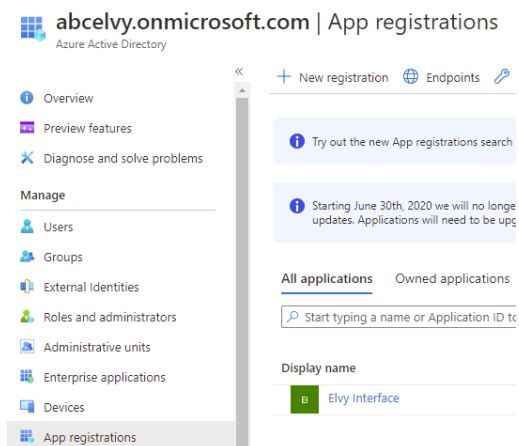
2. Click on "App Registration" and then on "New Registration".



The screenshot shows the 'Overview' page for the tenant 'abcelvy.onmicrosoft.com'. The left sidebar contains navigation options: Overview, Preview features, Diagnose and solve problems, Manage, Users, Groups, External Identities, Roles and administrators, Administrative units, Enterprise applications, Devices, and App registrations. The main content area is titled 'abcelvy.onmicrosoft.com | Overview' and includes a search bar, a '+ Add' button, and links for 'Manage tenants', 'What's new', 'Preview features', and 'Got feedback?'. Below the search bar are three tabs: 'Overview', 'Monitoring', and 'Tutorials'. The 'Overview' tab is active and shows a table of basic information:

Basic information		
Name	abcelvy.onmicrosoft.com	Users
Tenant ID	f84f31c5-b219-409a-91eb-79f1ddfd8268	Groups
Primary domain	abcelvy.onmicrosoft.com	Applications
License	Azure AD Free	Devices

Below the table is a 'My feed' section.



The screenshot shows the 'App registrations' page for the tenant 'abcelvy.onmicrosoft.com'. The left sidebar contains navigation options: Overview, Preview features, Diagnose and solve problems, Manage, Users, Groups, External Identities, Roles and administrators, Administrative units, Enterprise applications, Devices, and App registrations. The main content area is titled 'abcelvy.onmicrosoft.com | App registrations' and includes a search bar, a '+ New registration' button, and a link for 'Endpoints'. Below the search bar are three tabs: 'All applications', 'Owned applications', and 'My feed'. The 'All applications' tab is active and shows a table of applications:

All applications	
Display name	Elvy Interface

3. Fill in name with “Elvy Interface”.

Choose an account type.

Fill in Redirect URI with “WEB” with URL <https://businesscentral.dynamics.com/>

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 (ABC ELVY 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)

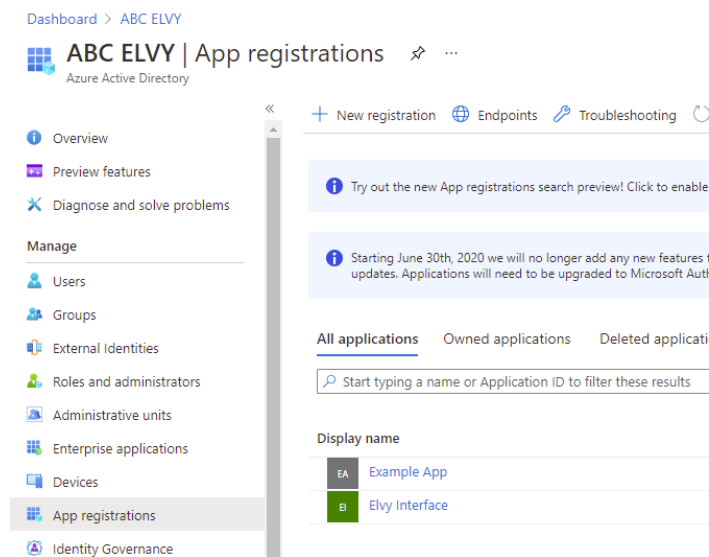
Personal Microsoft accounts only

[Help me choose...](#)

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.

Web

The choice of account types depends on your needs. The difference between Single tenant and Multitenant is as follow: With Single tenant, you can only use account inside your organization. This means you can't use accounts from third party's. With Multitenant, you can. You can login with an account that is from a different organization. The app registration is now added to the dashboard.



4. Before you can use the app, several permissions needs to be configured. Click on the app registration that you've just made and go to “API Permissions”. Copy the “Application (client) id”. This is needed for the authentication and authorization.

Example App ✨ ...

Search (Ctrl+F) << Delete Endpoints Preview features

- Overview
- Quickstart
- Integration assistant

Manage

- Branding
- Authentication
- Certificates & secrets
- Token configuration
- API permissions
- Expose an API
- App roles
- Owners
- Roles and administrators | Preview

Got a second? We would love your feedback on Microsoft identity platform (p)

Essentials

Display name : Example App

Application (client) ID : 111c7d1e-3d27-426b-9091-d041972dd2e1

Object ID : 59a19348-e232-45aa-914c-4603cf6befc9

Directory (tenant) ID : f84f31c5-b219-409a-91eb-79f1ddf8268

Supported account types : Multiple organizations

Starting June 30th, 2020 we will no longer add any new features to Azure, feature updates. Applications will need to be upgraded to Microsoft Auth

Starting November 9th, 2020 end users will no longer be able to grant cor

Get Started Documentation

5. Click on “Add a permission” en search for “Dynamics 365 Business Central”.

Token configuration

API permissions

Expose an API

App roles

Owners

Roles and administrators | Preview

Manifest

Applications are authorized to call all the permissions the application ne

+ Add a permission ✓ Grant a

API / Permissions name

Microsoft Graph (1)

User.Read

To view and manage permissions and

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 Azure AD, Excel, Intune, Outlook/Exchange, OneDrive, OneNote, SharePoint, Planner, and more through a single endpoint.

Azure DevOps
Integrate with Azure DevOps and Azure DevOps server

Azure Service Management
Programmatic access to much of the functionality available through the Azure portal

Data Export Service for Microsoft Dynamics 365
Export data from Microsoft Dynamics CRM organization to an external destination

Dynamics 365 Business Central
Programmatic access to data and functionality in Dynamics 365 Business Central

Dynamics CRM
Access the capabilities of CRM business software and ERP systems

Flow Service
Embed flow templates and manage flows

6. Azure will ask what kind of permissions you’ll need. Click on “Delegated Permissions”. You need this permission for the authorization and authentication. Azure will ask you to add other permissions. Choose for “user_impersonation” and click on “add permissions”.

Request API permissions



< All APIs

Dynamics 365 Business Central
<https://dynamics.microsoft.com/business-central/overview/> Docs

What type of permissions does your application require?

Delegated permissions

Your application needs to access the API as the signed-in user.

Application permissions

Your application runs as a background service or daemon without a signed-in user.

Select permissions

[expand all](#)

The "Admin consent required" column shows the default value for an organization. However, user consent can be customized per permission, user, or app. This column may not reflect the value in your organization, or in organizations where this app will be used. [Learn more](#)

Permission	Admin consent required
<input checked="" type="checkbox"/> Other permissions (1)	
<input checked="" type="checkbox"/> user_impersonation ⓘ Access as the signed-in user	No
<input checked="" type="checkbox"/> Financials	
<input type="checkbox"/> Financials.ReadWrite.All ⓘ Access Dynamics 365 Business Central as the signed-in user	No

- Go back to the dashboard and go the newly made app registration. Navigate to "Certificates & Secrets". Click on "New Client Secret" to create a new client secret. Give the client secret a description and an expiration date. The expiration date can only be 2 years in the future. This is an limitation from the Azure Portal UI. After generating you'll see the secret. Copy the "value" from the value column. This is the client secret. This is needed for the authentication and authorization.

Example App | Certificates & secrets ...

<< Got feedback?

Overview

Quickstart

Integration assistant

Manage

- Branding
- Authentication
- Certificates & secrets**
- Token configuration
- API permissions
- Expose an API
- App roles
- Owners
- Roles and administrators | Preview
- Manifest

Support + Troubleshooting

- Troubleshooting

Credentials enable confidential applications to identify themselves to the authentication service when receiving tokens at a web addressable location (using an HTTPS scheme). For a higher level of assurance, we recommend using a certificate (instead of a client secret) as a credential.

Certificates

Certificates can be used as secrets to prove the application's identity when requesting a token. Also can be referred to as public keys.

[Upload certificate](#)

Thumbprint	Start date	Expires	Certificate ID
No certificates have been added for this application.			

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
No client secrets have been created for this application.			

Add a client secret ×

Description

Expires

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
Example-Secret	8/11/2023	A6lsr9_NvJav-LH9O9zi5xN_lhJva.7Lw2	ac24098e-1743-4a33-a346-7ff1abbfe2e3

WARNING: If you leave the Azure portal, the client secret value will be censored.

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
Example-Secret	8/11/2023	A6l*****	ac24098e-1743-4a33-a346-7ff1abbfe2e3

8. Give the "Application (client) id" and "Client Secret" to Elvy.