Register an application with the Microsoft identity platform

This document guides you through the workflow on adding the TimeLog PSA app in your Azure Active Directory and creating the TimeLog integration credentials.

Prerequisites:

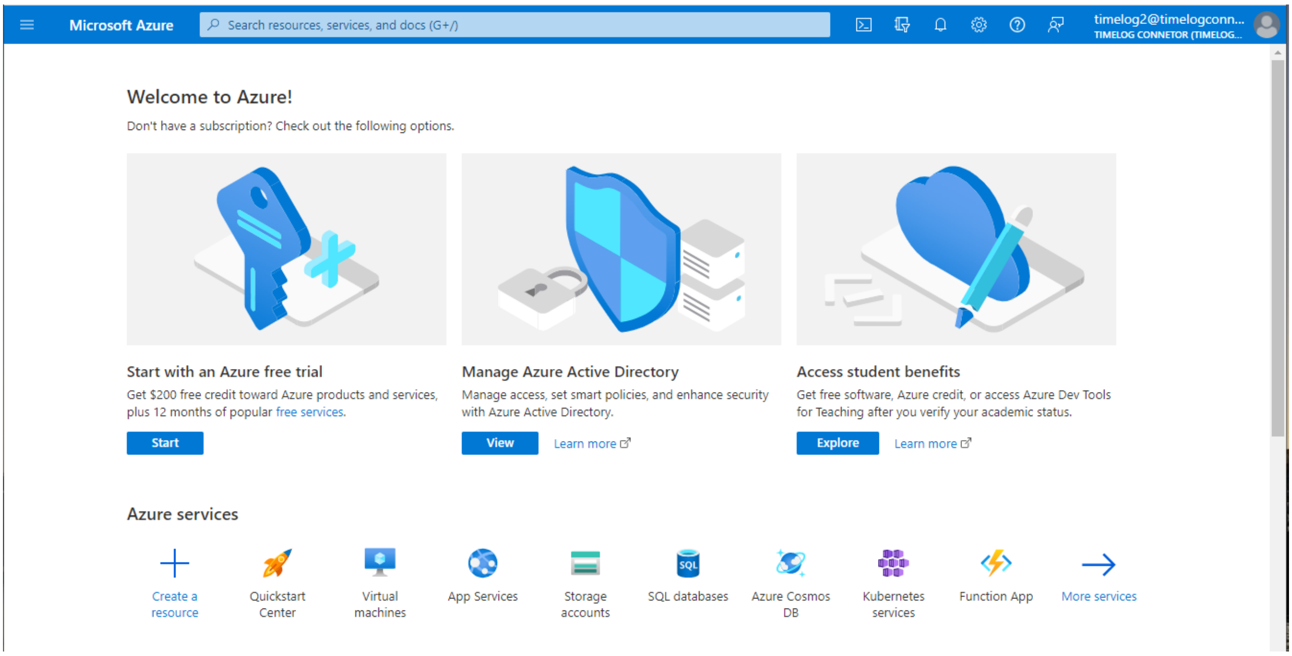
Installed `MSAL.PS` Powershell module.

User access need to be Global Administrator or Privileged Role Administrator

This workflow description is based on Microsoft [Quickstart: Register an application with the Microsoft identity platform]

1. Azure AD Application registration

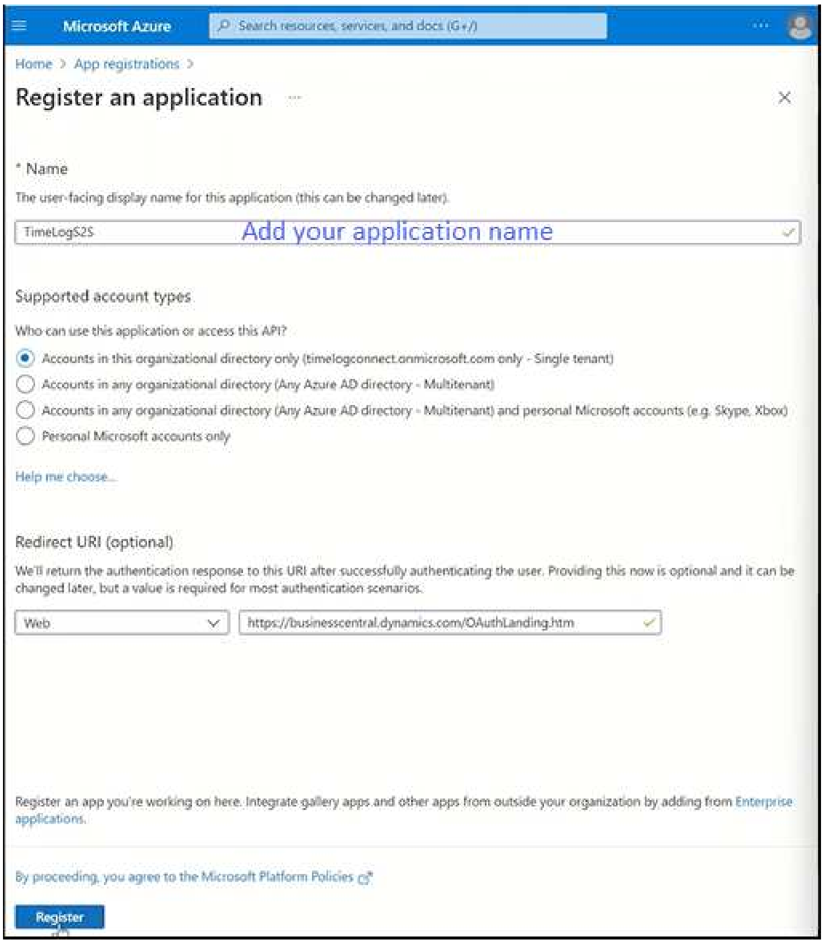
Sign into azure portal (https://portal.azure.com) and search on **'App registrations'**



2. Register and application

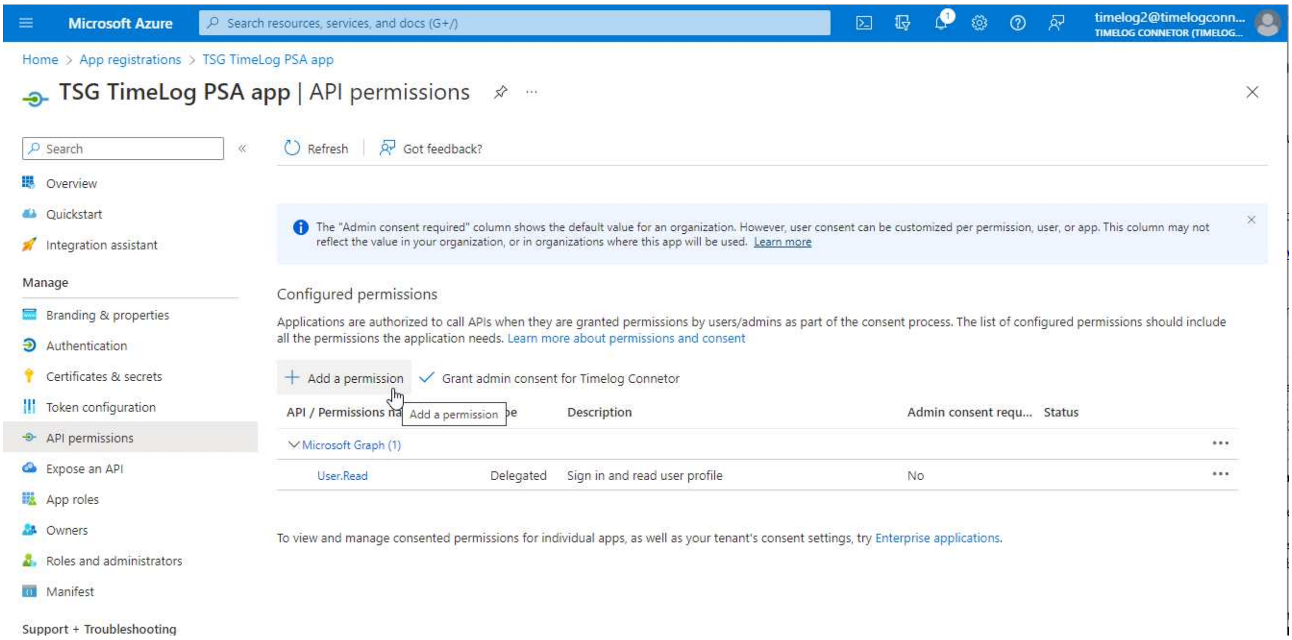
Click **'+ New registration'**. Provide a **'Name'** for application, set **'Supported account types'** to **"Accounts in this organizational directory only"**.

In **Redirect URI** you select **Web** and add the URL for your Business Central on-premises browser client and click **'Register'** button to add the TimeLog integration application.



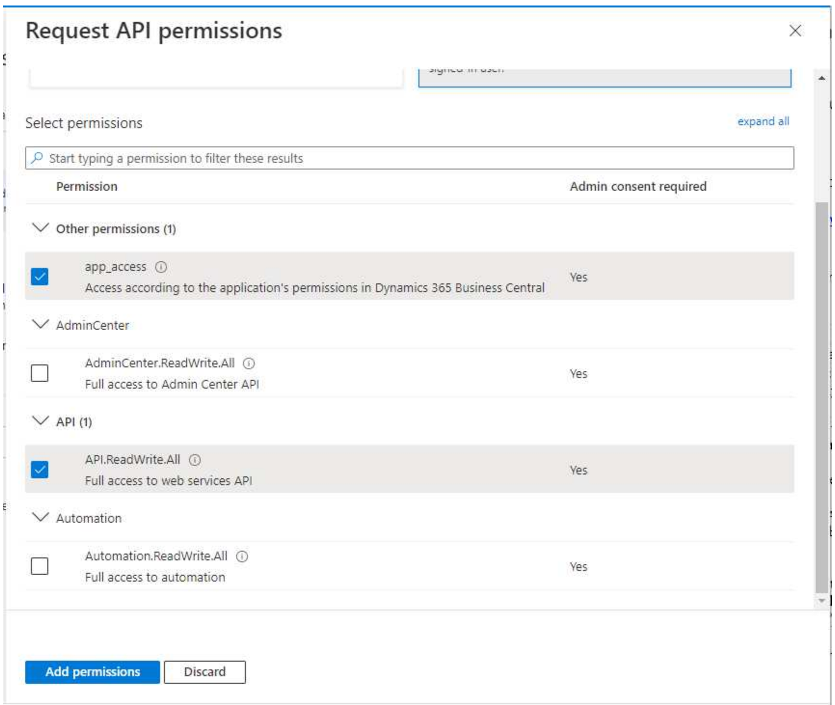
3. API permissions

Setup API permissions for the newly created application, go to **'API permissions'** and **click Add an application**:



In order to acquire tokens as application (used for automation APIs), click: **'Dynamics 365 Business Central'** - **'Application permissions'** and mark **“app_access”** and **“API.ReadWrite.All”**

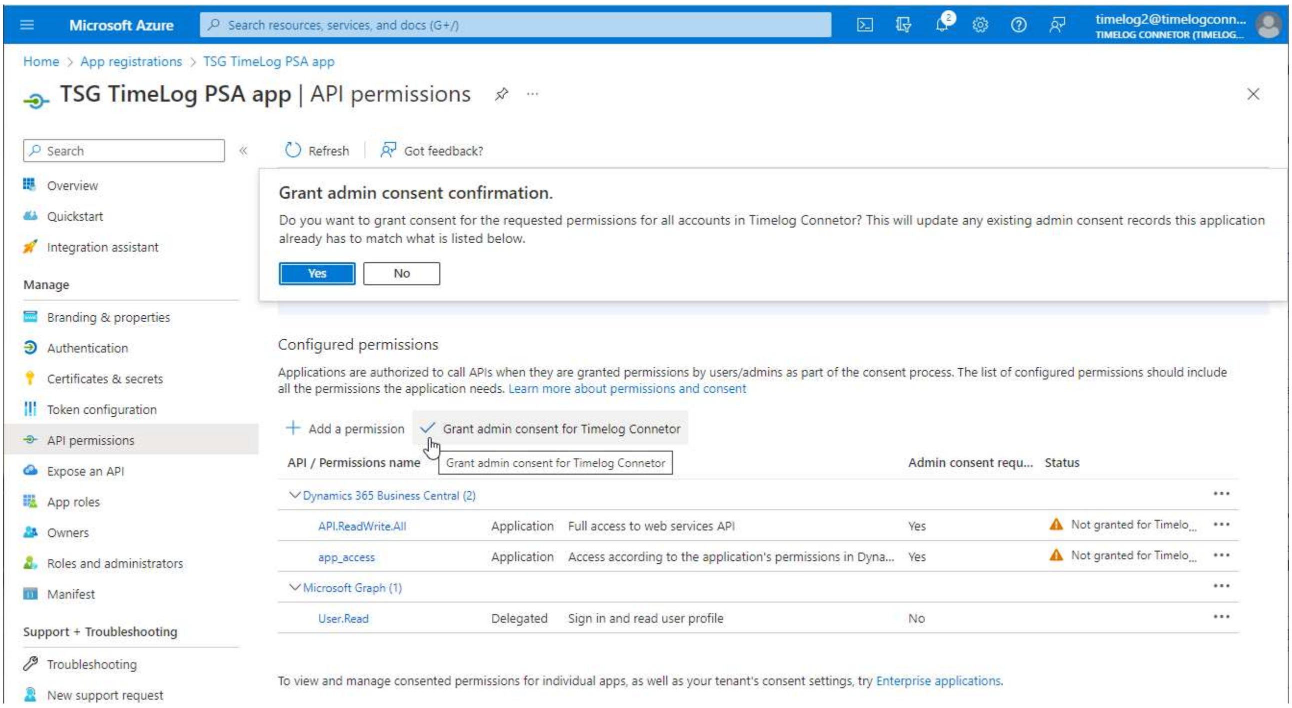
Click **Add permission**



4. Grand admin consent confirmation

After permissions are added, click **'Grant admin consent for ...'**.
Click **Yes** button to grant consent for the requested permissions.

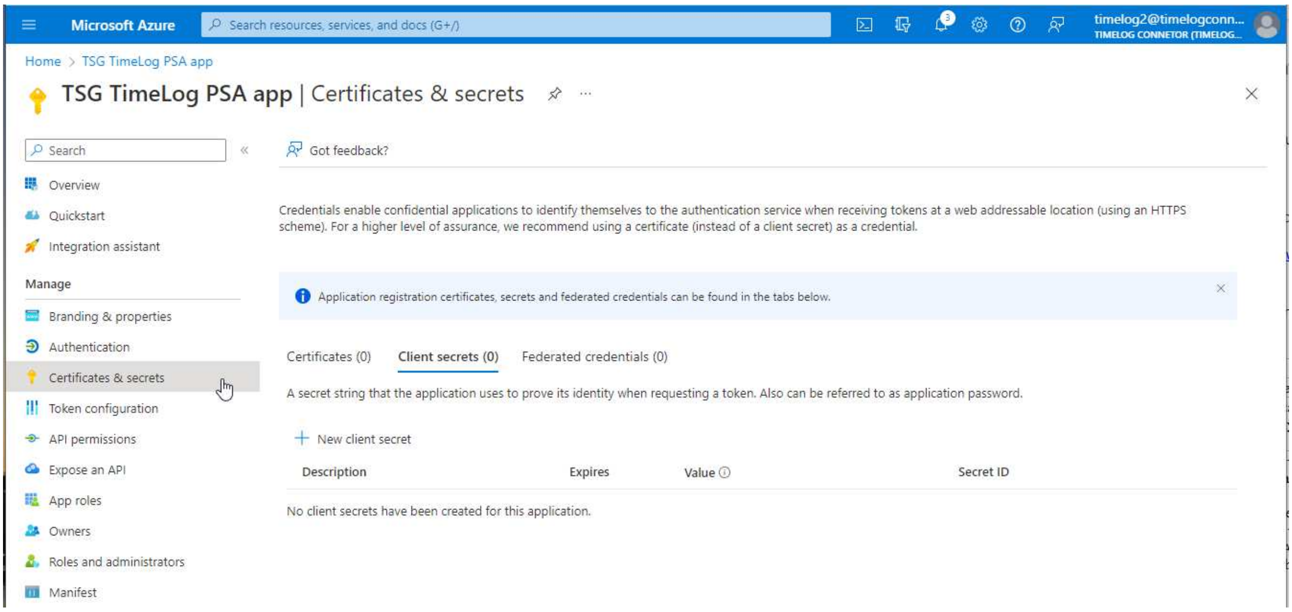
Status in the table of permissions should change to **'Granted'**



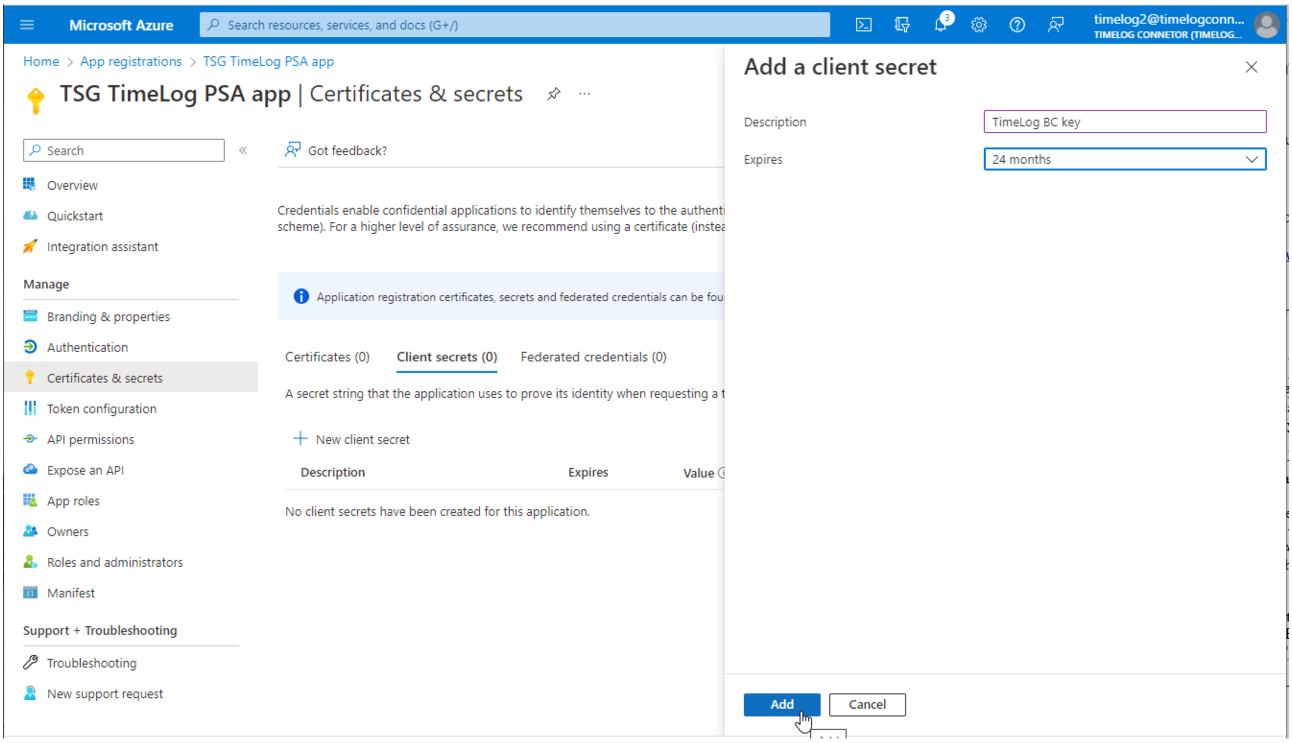
5. Certificates and secrets

Setup client secret (used in authorization code flow scenario and application scenario):

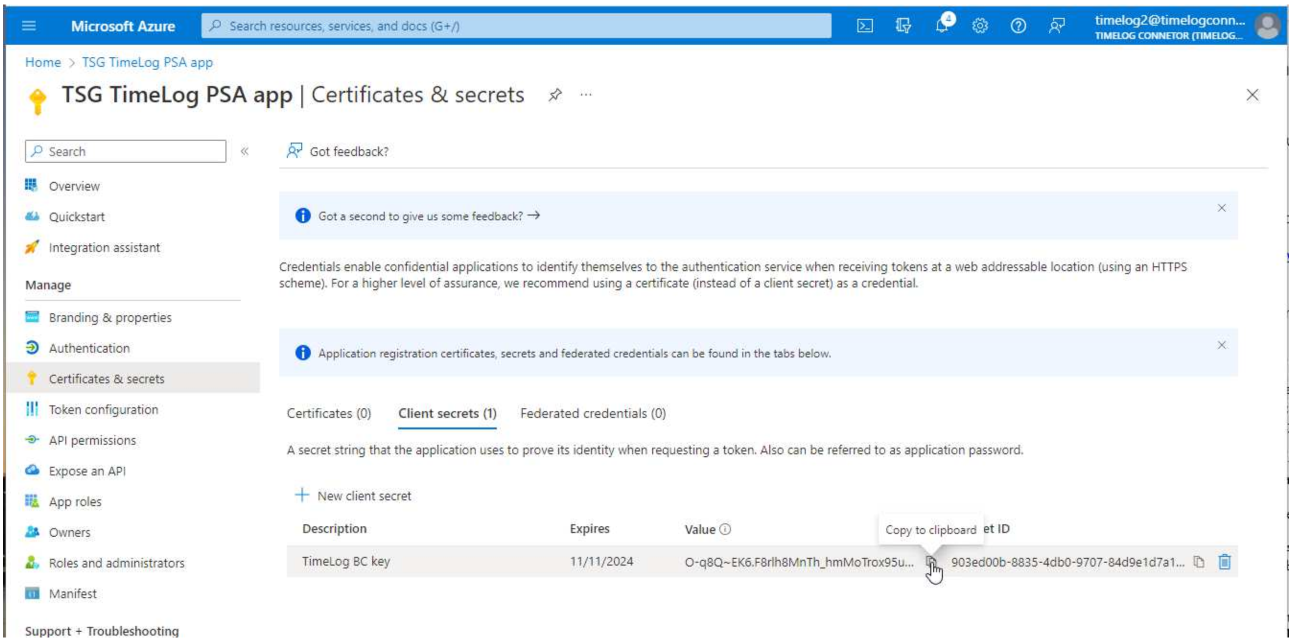
Go to **'Certificates & secrets'** - **'Client secrets'**, click **'+ New client secret'**



Add some **Description**, choose **'Expires'** setting to 24 months and click **'Add'**



After secret is created, copy secret **'Value'** and save for later when setting up the TimeLog to BC-integration.

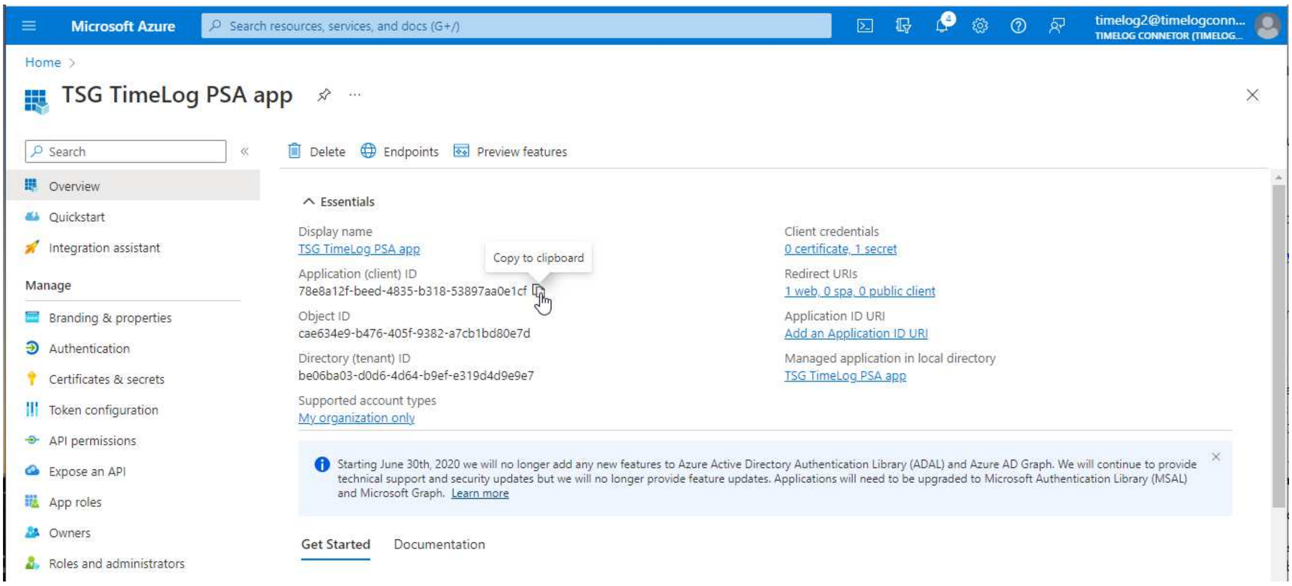


Copy the **Client secret** of the registered application. You will need this later when setting up the TimeLog to BC-integration.

6. Copy client ID

Select **Overview**

Copy the **Application (client) ID** from the App registrations – Overview. You will need it when adding the new client into your Business Central Azure Active Directory Applications

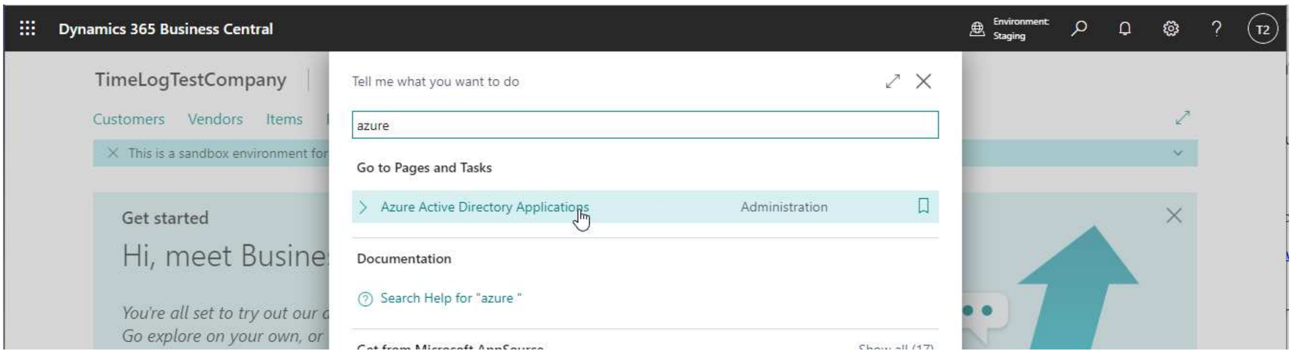


Copy the **Application (client) ID** of the registered application. You will need in the Business Central Azure AD application setup.

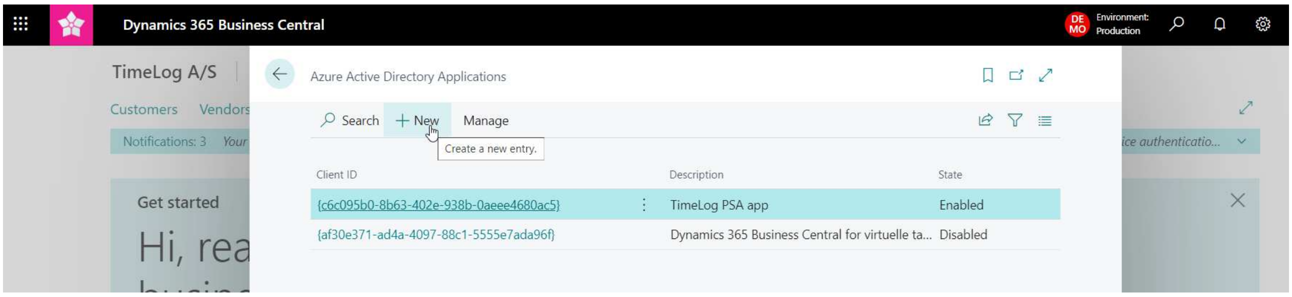
7. Setup of Azure Active Directory Application in Business Central

Complete these steps to set up the Azure AD application for service-to-service authentication in Business Central.

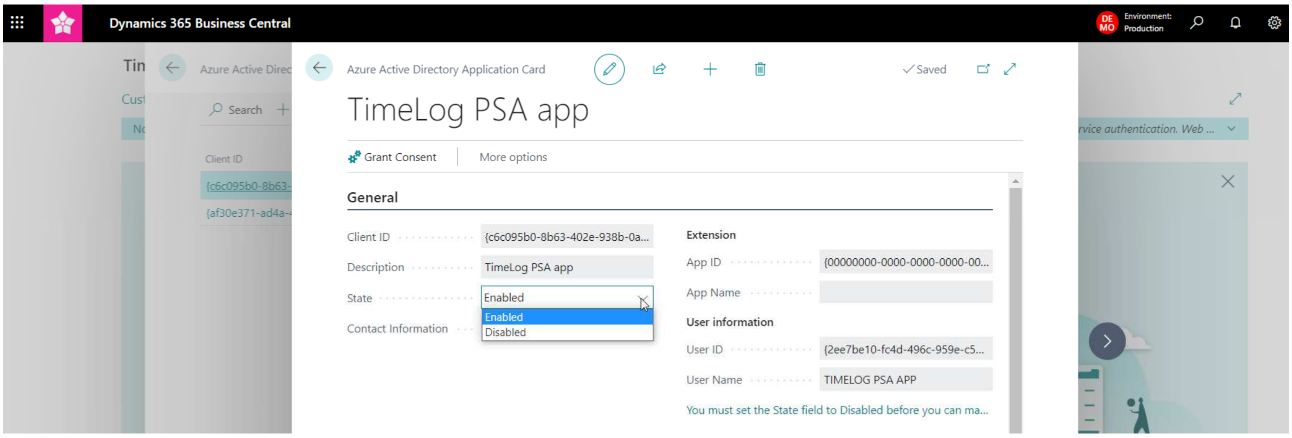
In your Business Central client, search for **Azure Active Directory Applications**



Click **New**,

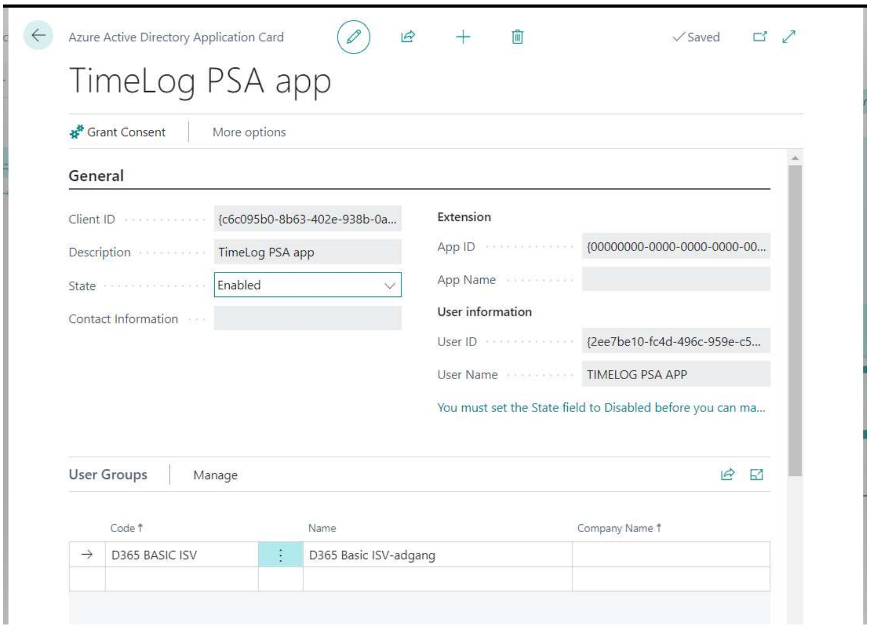


Past the copied Application (client) ID into **Client ID**, add a description name and change State to **Enable** and click **Yes** to the new created user



Add the **User Group**

D365 BASIC ISV



and **User Permission Sets**

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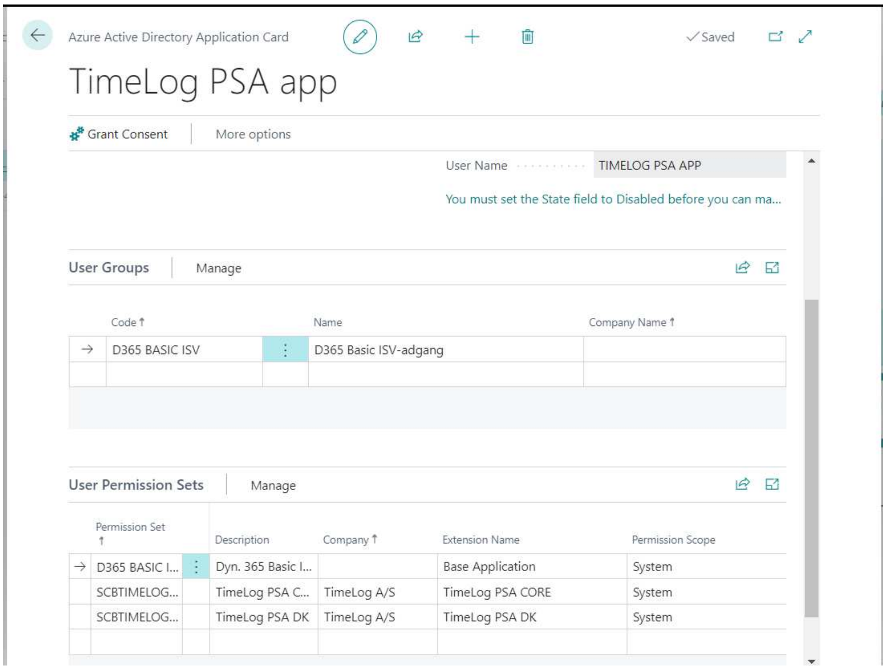
SCBTIMELOGPSACORESET

SCBTIMELOGPSADKSET



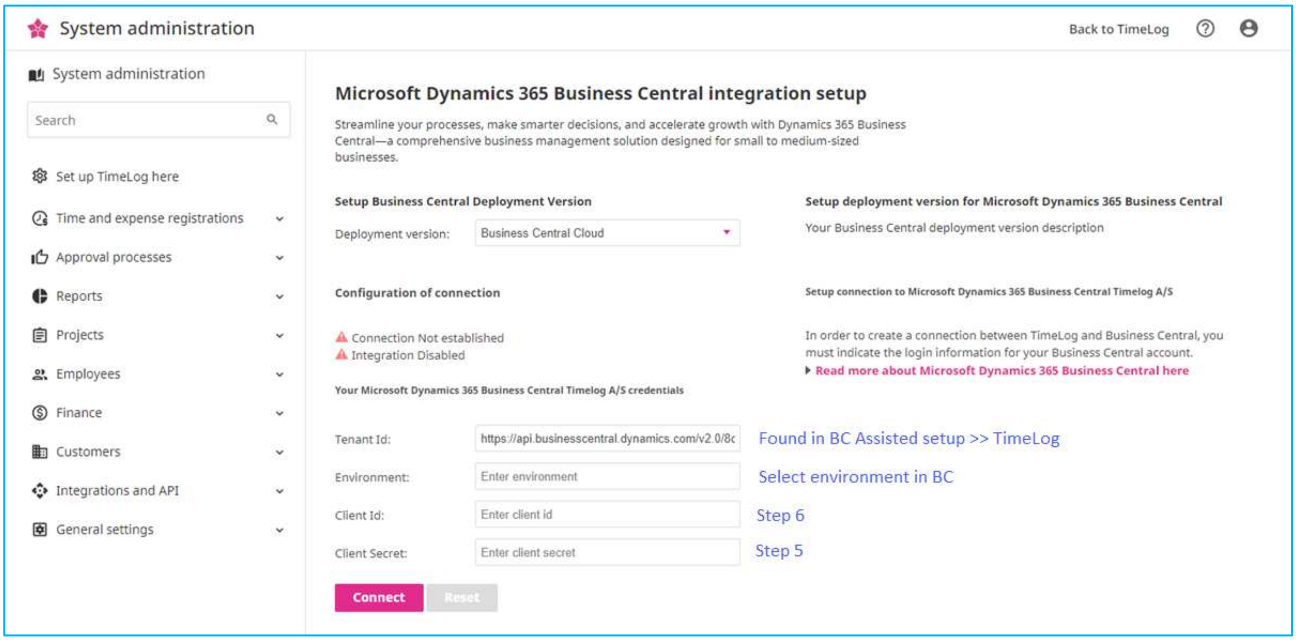
The TimeLog PSA-app is now added in your Business Central and you are now ready to setup the integration connection in your TimeLog installation.

8. TimeLog – BC integration connection configuration

Add the Business central integration in TimeLog system administration >> Integrations and API >> Integrations and click **Configure Business Central**.

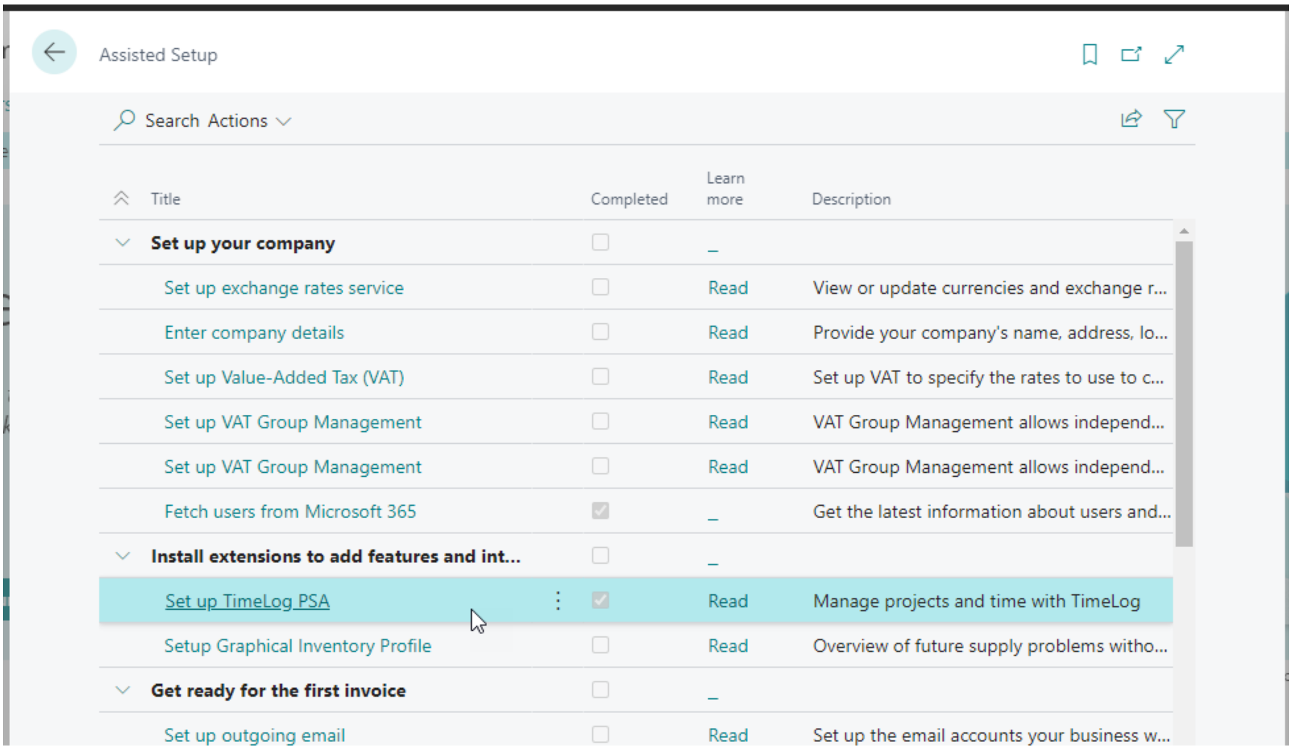
Select **Business Central Cloud** in **Deployment version**

Add the tenant ID and credentials into the related fields in the user interface

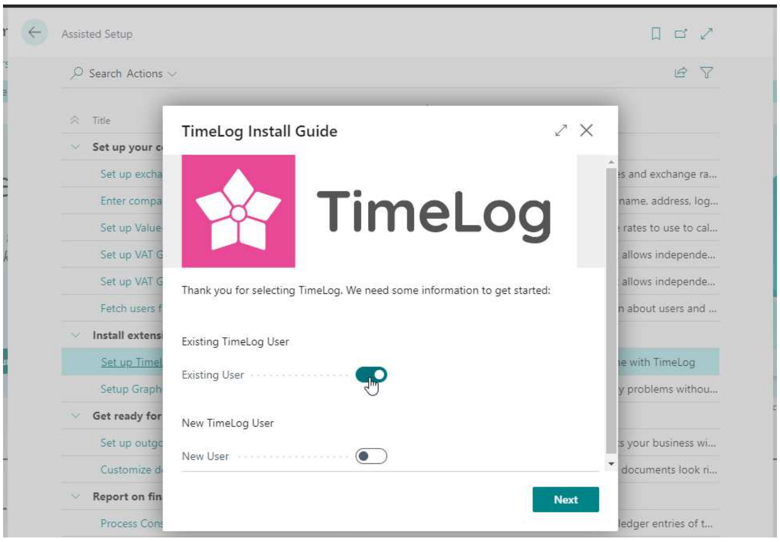


When you have added the credentials information in the four fields are you to click Connect to establish the connection to your Business Central.

The Tenant ID is found in your BC installation via Assisted setup



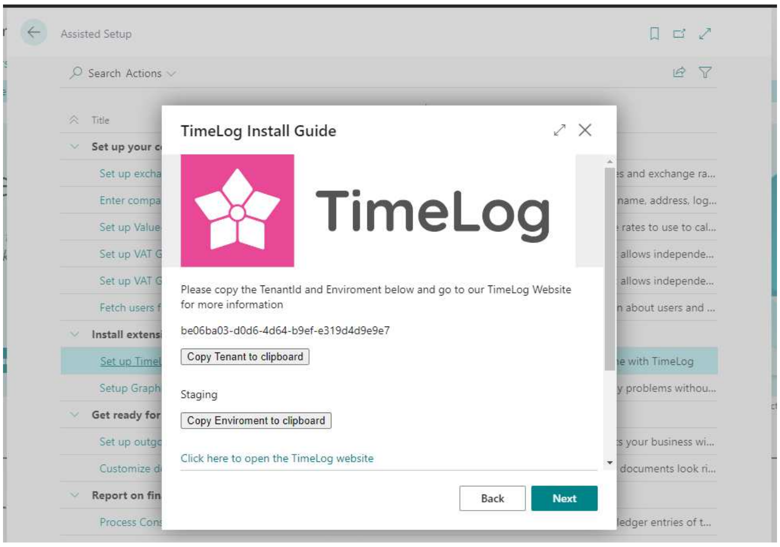
Click on **Setup TimeLog PSA** and click slider next to Existing User, and click **Next**



Copy the **Tenant ID key** and past it into the Tenant ID field in your TimeLog BC integration.

Copy the **Environment name** key and past it into the Environment field in your TimeLog BC integration.

Click **Next** and **Finish** on the next window to close the TimeLog PSA configuration.



The Client ID and Client secret is found in https://portal.azure.com/#home >> App registrations >> Your TimeLog PSA app-name >> Overview