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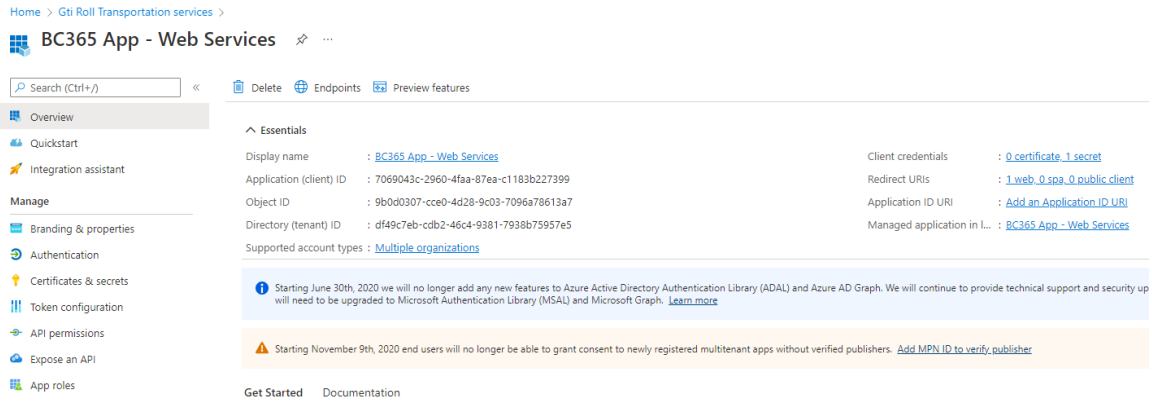
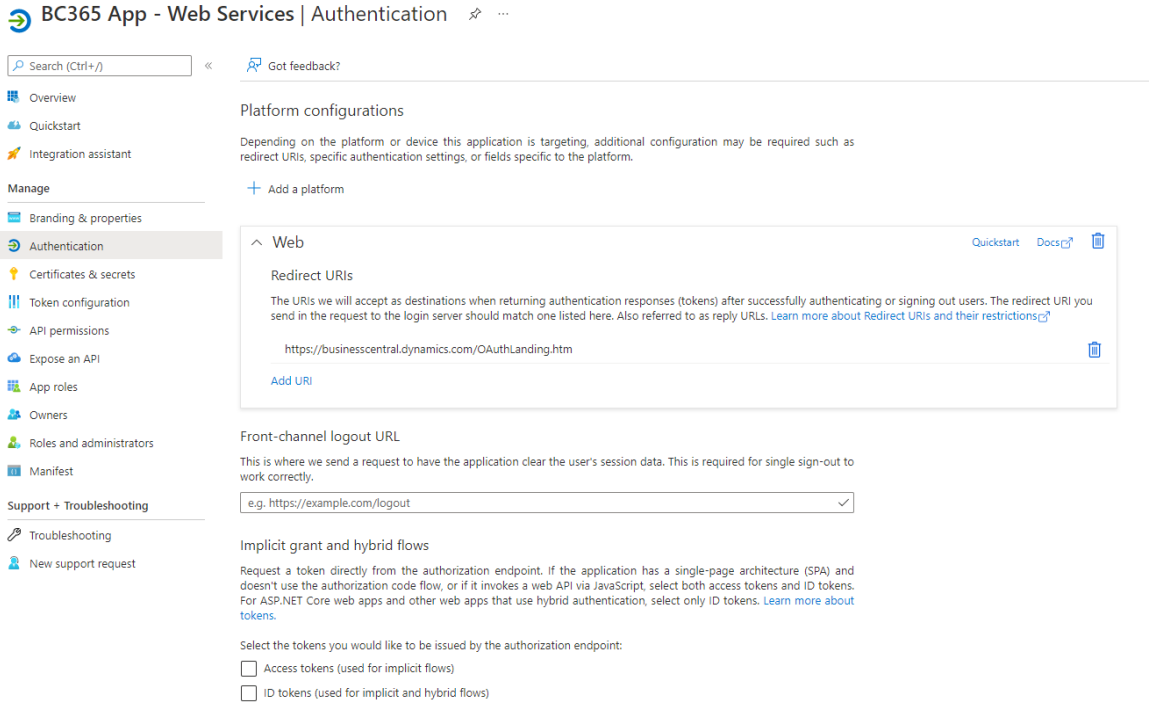
API Configuration

Register the application with access to API in the Azure AD tenant using Service-To-Service Authentication

Useful links:
[Register the console application in the Azure AD tenant]

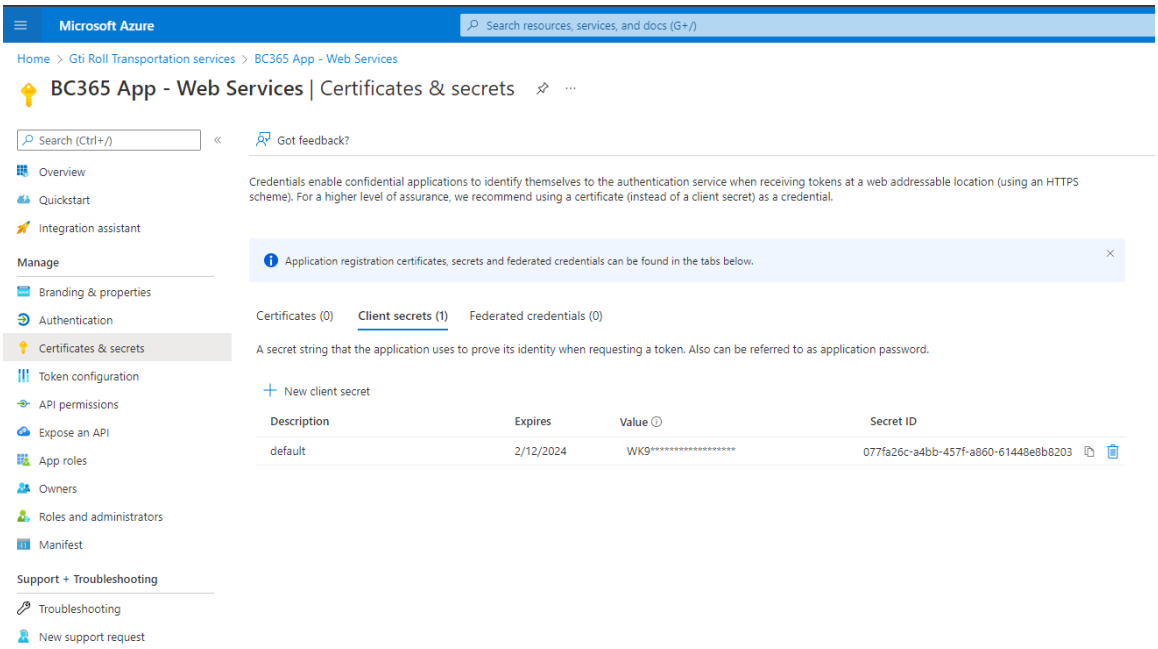
1. **Using the Azure portal, register the console application as a native client application.**



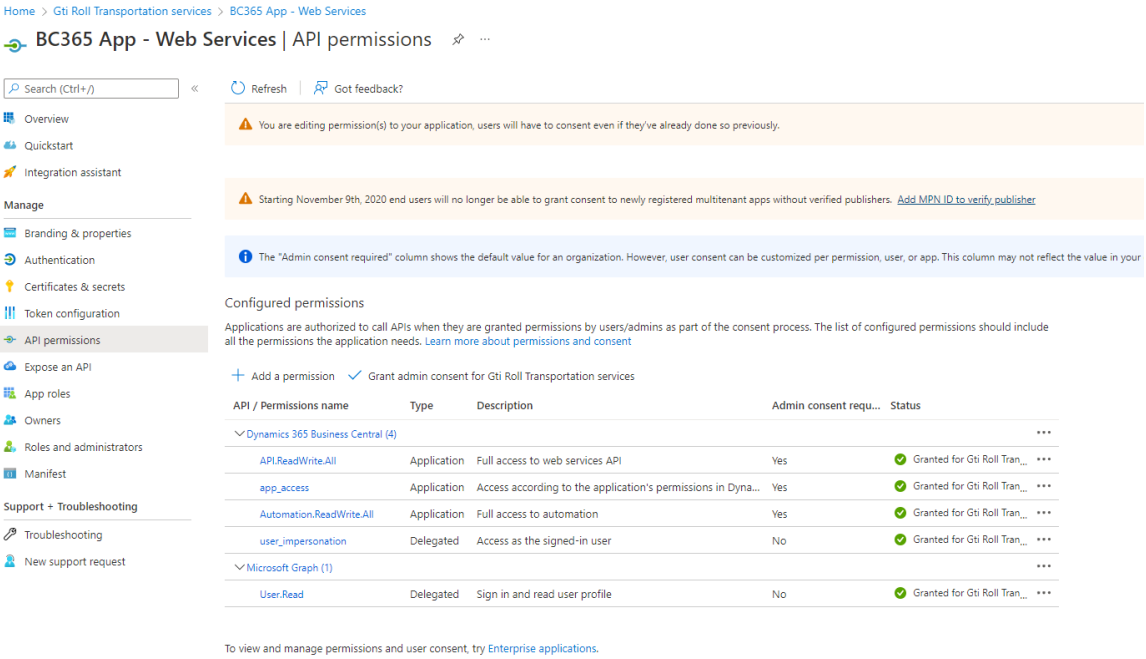


2. Create new client secret

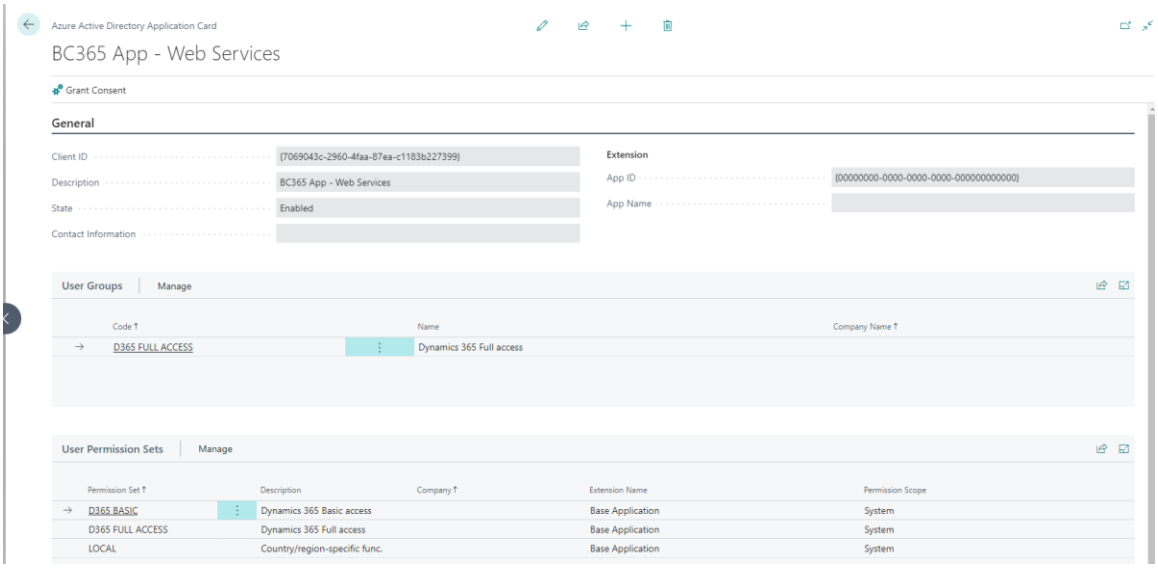
!!!Attention!!!
****
The secret is valid for two years. After two years, it will be necessary to generate a new secret.
****



3. Grant the console application delegated permissions to the Business Central application.



Register the external application in Business Central



Using API with Service-To-Service Authentication

Parameters

Azure AD Tenant ID: df49c7eb-cdb2-46c4-9381-7938b75957e5
Application (Client) ID: 7069043c-2960-4faa-87ea-c1183b227399
Client Secret: WK97Q~9BdqVPSTJxIe1sNVnpHCKtatG..~tDR
Scope: https://api.businesscentral.dynamics.com/.default
Redirect URL : https://businesscentral.dynamics.com/OAuthLanding.htm

Postman

Download Postman

https://www.postman.com/downloads/

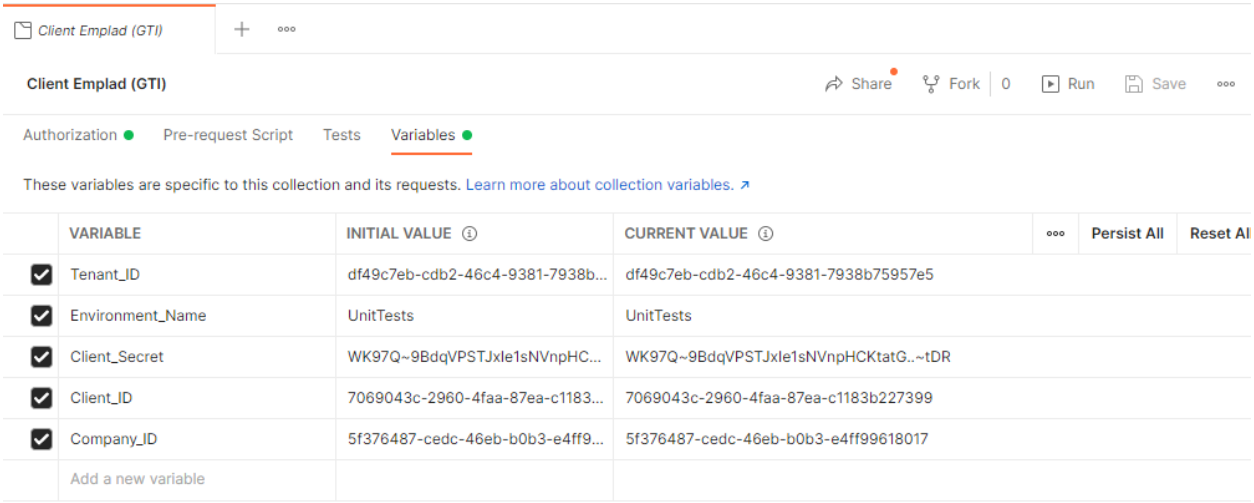
Import examples

Import examples to Postman
Client Emplad.postman_collection.json

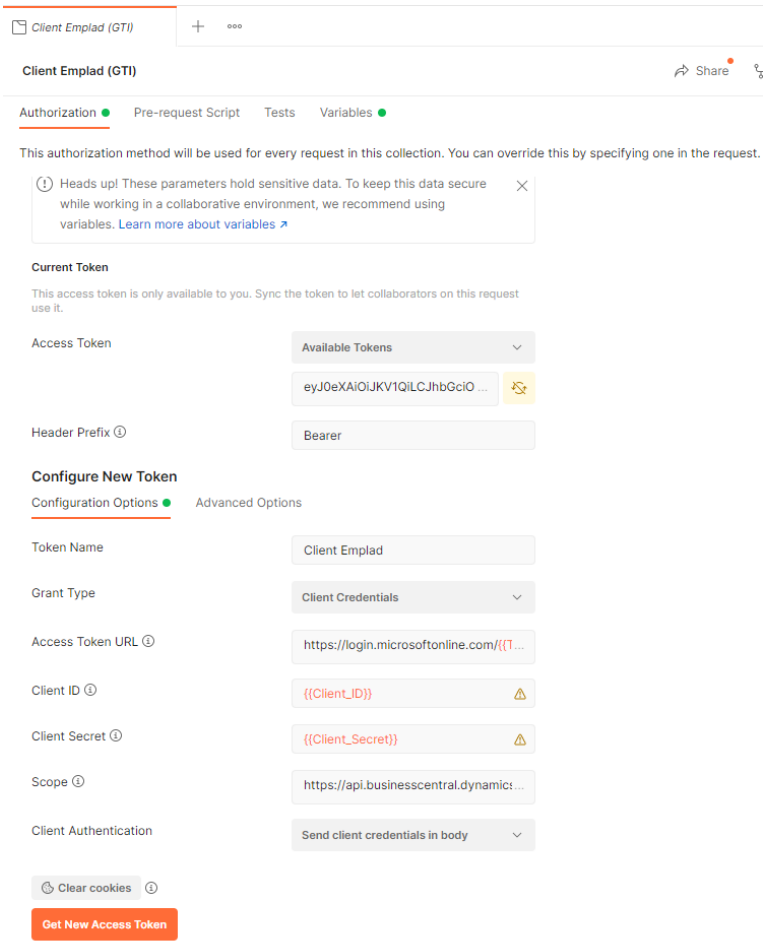
Change parameters if it is necessary

First, Environment_Name (it could be Sandbox Name or Production Name)
Second, Company_ID (you can get it using query **Companies**)

Notice
****
You should change values in both column [Initial Value] and [Current Value]
****

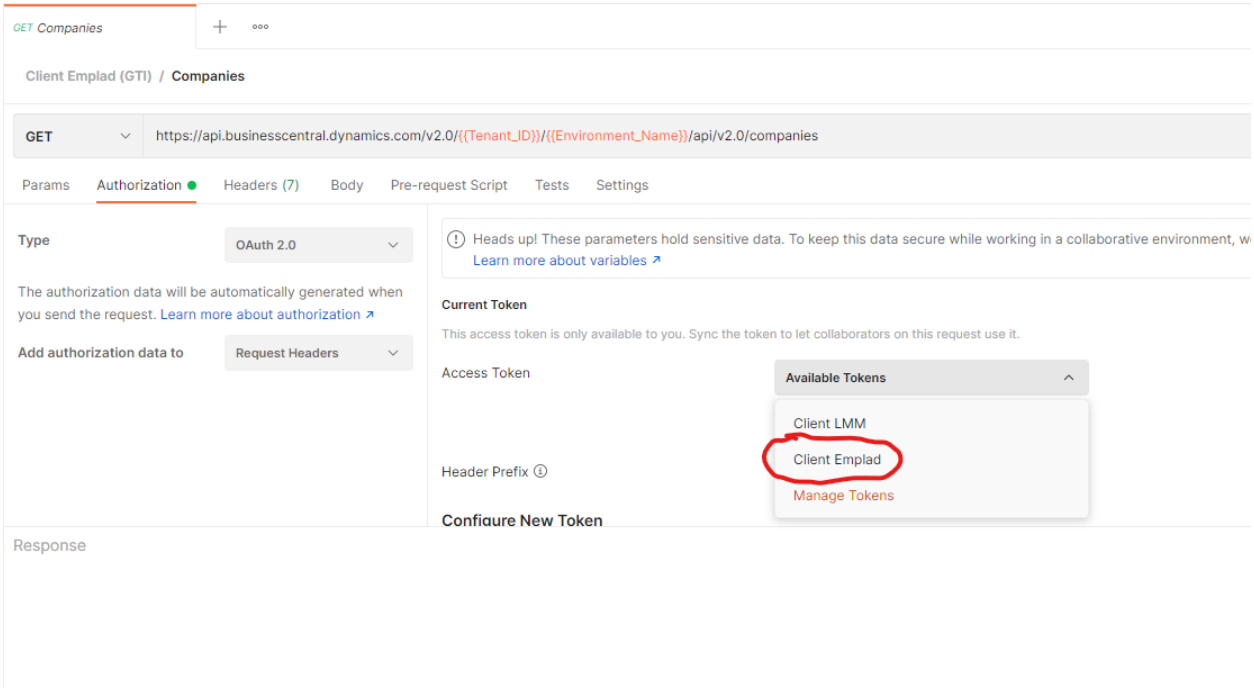


Generate New Access Token

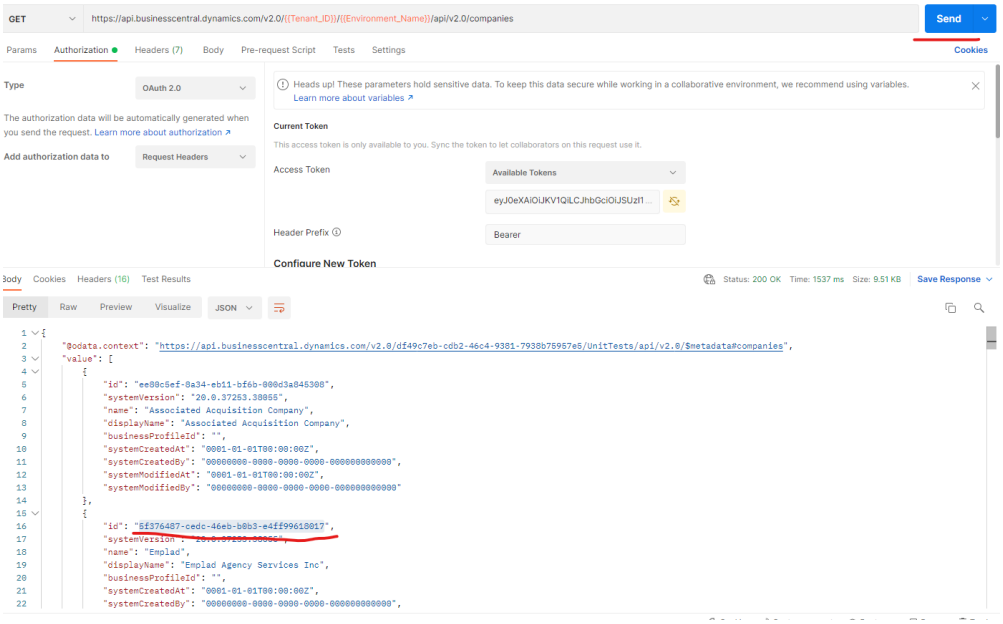


Get Company ID

Goto to **Companies** and on the tab **Authorization** choose the token you've generated before



From the result you can get **company ID** and assign it to variable **Company_ID**



Tips & Tricks

Query data using the Web API

Query data using the Web API (Microsoft Dataverse) - Power Apps | Microsoft Docs

In this article you can find information how to apply filters, use different clause like $top, $count or group by and order by

Steve Endow - The Blog: Using $metadata and $expand with Business Central Web APIs

Endpoints for the APIs for Dynamics 365 Business Central On-Premises and Online

Endpoints for the APIs for Microsoft Dynamics NAV and Microsoft Dynamics 365 Business Central - Business Central | Microsoft Docs

Using API with STS OAuth 2.0 in C#

Create the console application that connects to the OData Web Service using OAuth

Service to service authentication in Business Central 18.3 – How to use in C#