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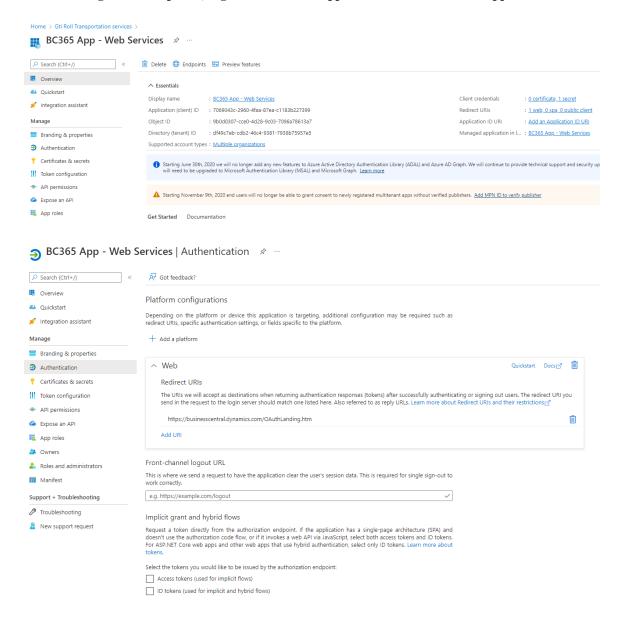
API Configuration

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!!!

Support + Troubleshooting

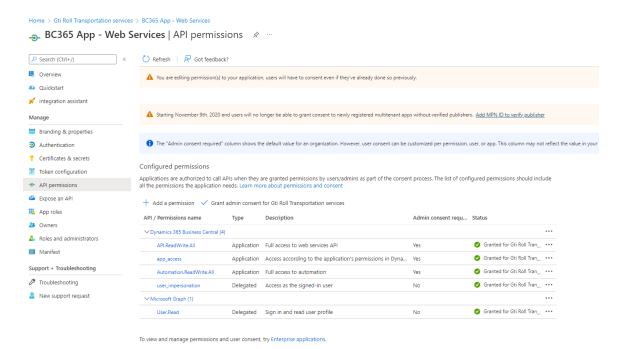
New support request

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

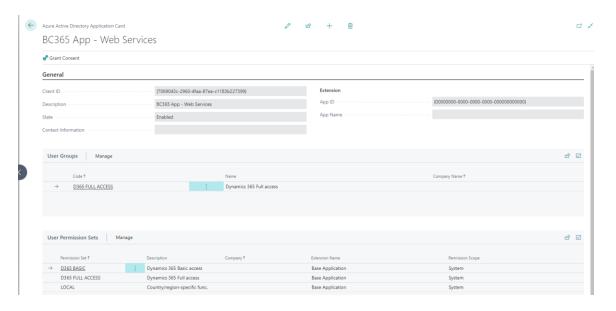
Microsoft Azure > Gti Roll Transportation services > BC365 App - Web Services → BC365 App - Web Services | Certificates & secrets

→ … 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 crede 1 Application registration certificates, secrets and federated credentials can be found in the tabs below. Branding & properties Certificates (0) Client secrets (1) Federated credentials (0) Certificates & secrets A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password. Token configuration + New client secret Expires Description Value ① Secret ID Expose an API default 2/12/2024 WK9***** 077fa26c-a4bb-457f-a860-61448e8b8203 🗈 🣋 App roles 🚨 Roles and administrators

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~9BdqVPSTJxle1sNVnpHCKtatG..~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

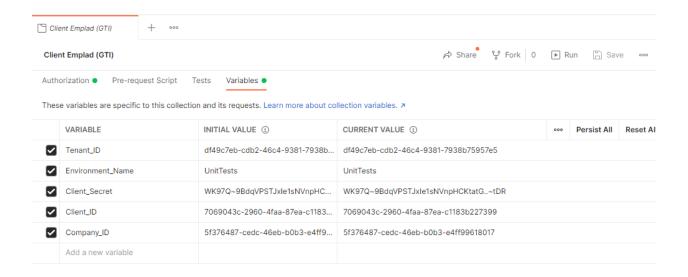
Import examples to Postman

Client Emplad.postman_collection.json

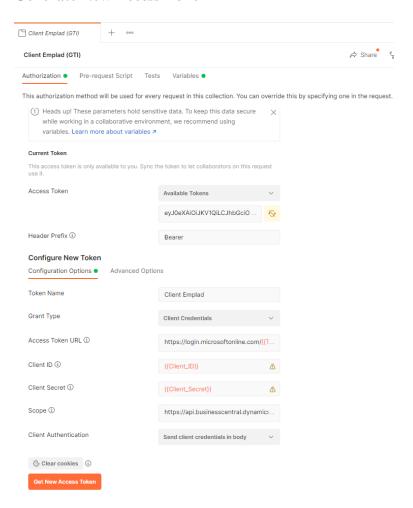
Change parameters if it is necessary

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

Notice

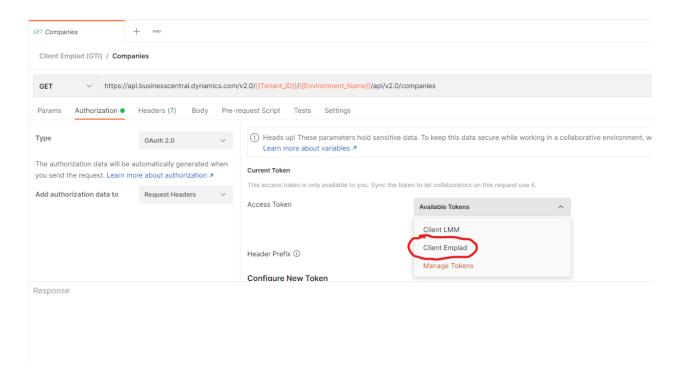


Generate New Access Token

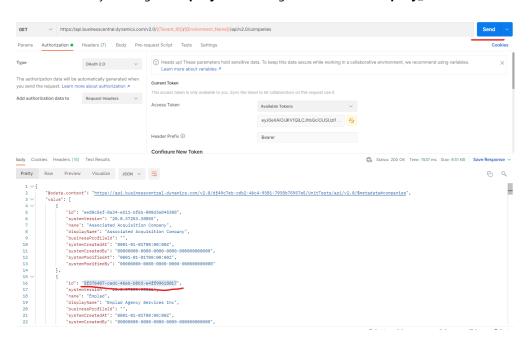


Get Company ID

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#