



erwin Data Intelligence - DQLabs

Configuration Guide – Azure Data Lake Connector for DQLabs

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Introduction

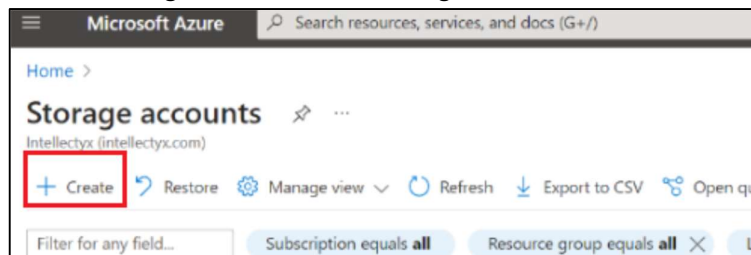
This document is intended to serve as a manual to create the application in ADLS Gen2 and steps to configure the same in the DQLabs application.

Requirements

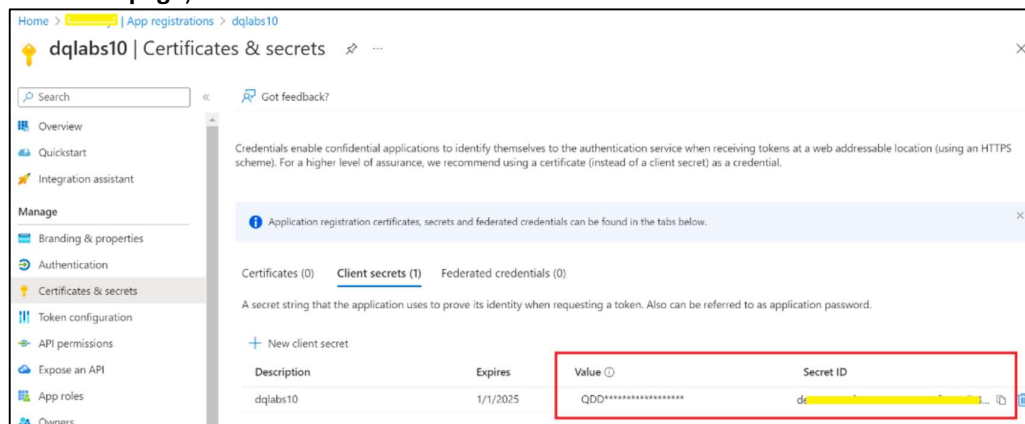
- ADLS Gen2 Storage
- Azure App
- Microsoft Azure Storage Explorer

Steps to Create an App in Azure

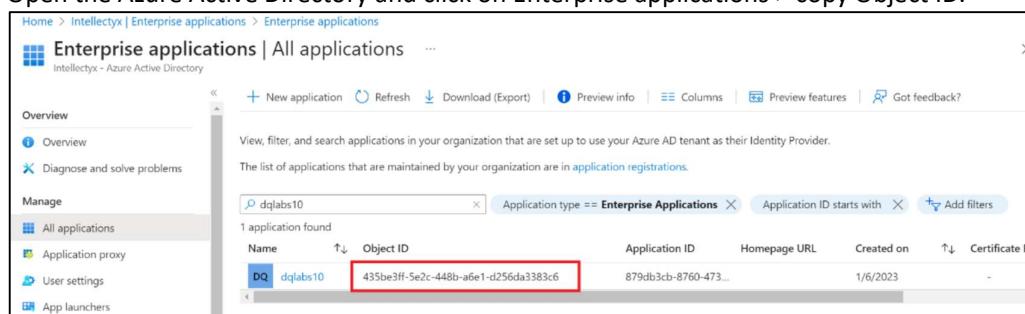
- Open the Azure active directory > Click on App registration and register an application.
- Create a storage in the azure datalake gen2.



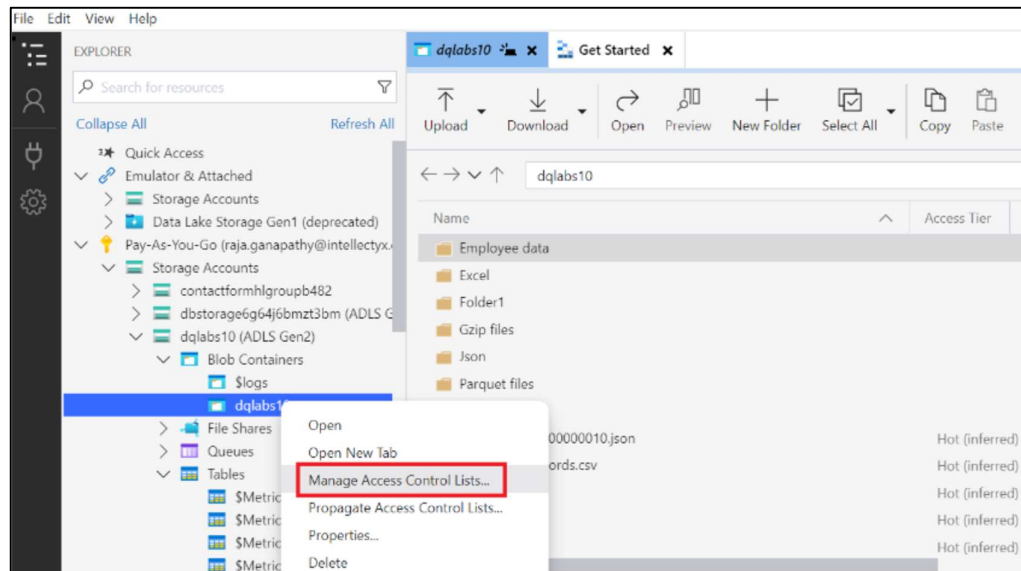
- Open the app created in Azure active directory > Click on Certificates & Secrets and generate the New client secret. Note the value (which will be the **Client Secret Key in DQLabs connector page**) and Secret ID under the New client secret.



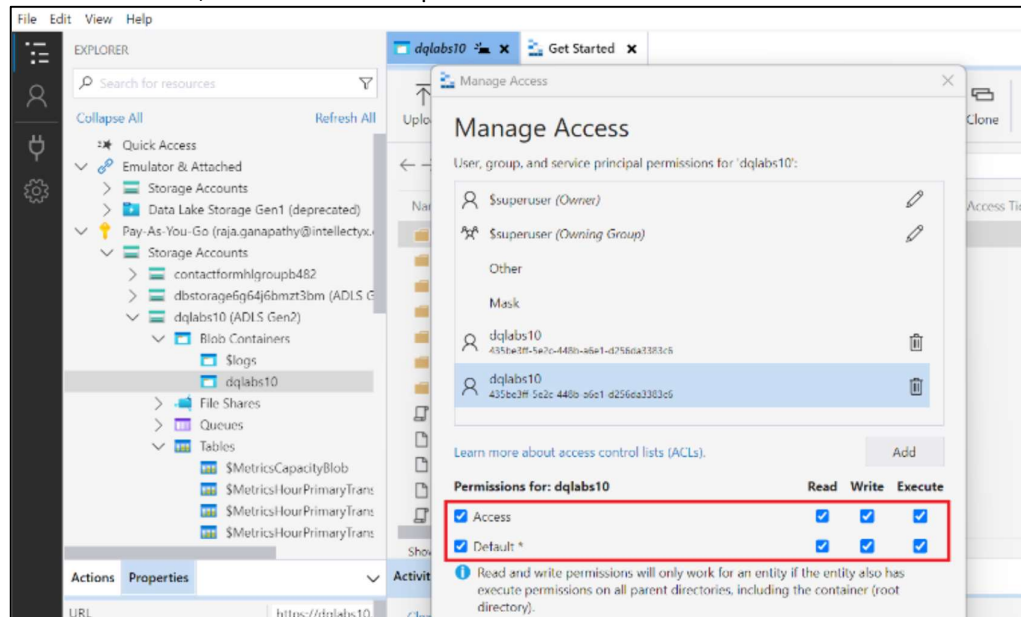
- Now open the app Microsoft Azure Storage Explorer > Open the storage account service > Created storage Account > create an folder inside the Blob containers.
- Open the Azure Active Directory and click on Enterprise applications > copy Object ID.



- Open the Microsoft Azure Storage Explorer and Right Click on the app> select Manage Access Control > Add > paste the Object ID and click on search. Select the app from the search result.



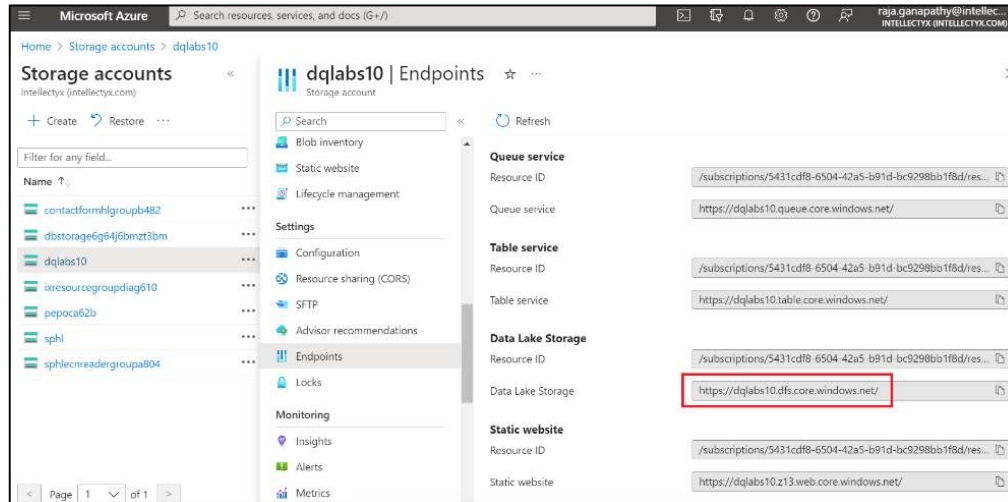
Provide the Read, write and Execute permission for both Access and Default.



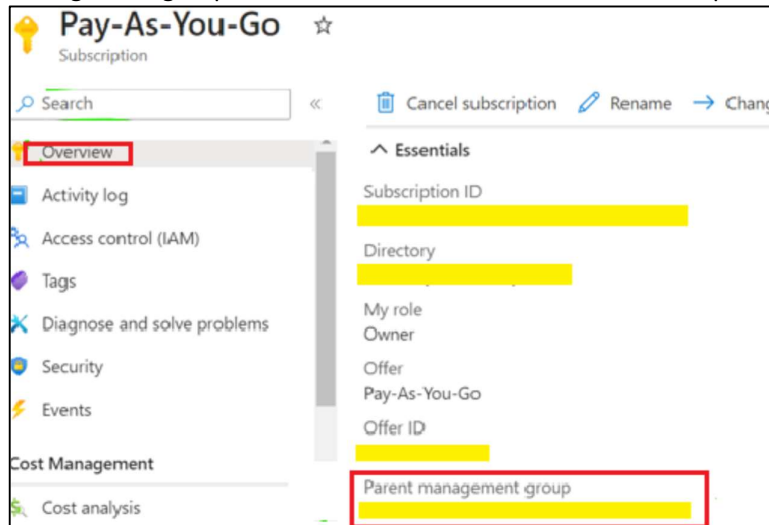
Azure Data Lake Connection Configuration Details

Please find the parameters used to connect the Azure datalake connector in DQLabs application.

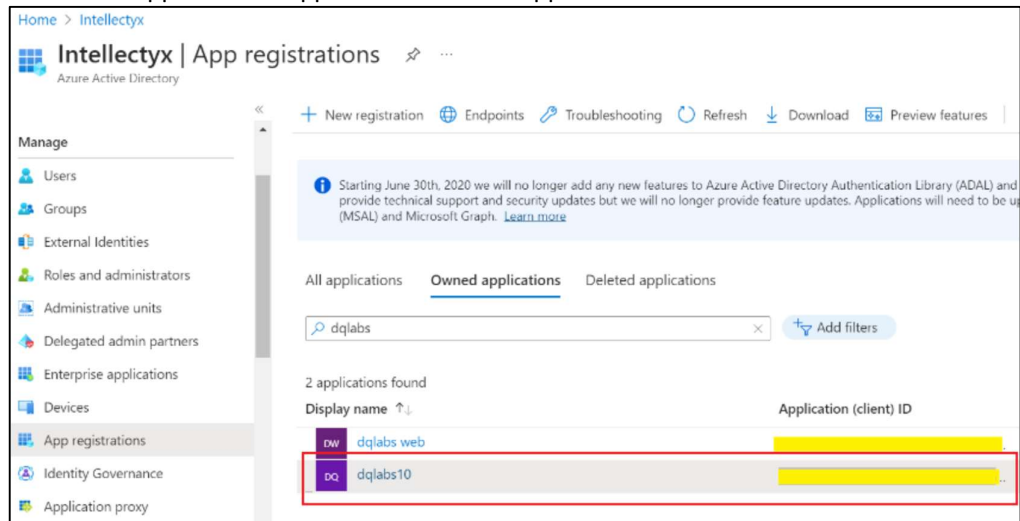
1. **Account DSF URL-** Under the storage app > click on the Endpoints > Data Lake Storage will be the Account DSF URL.



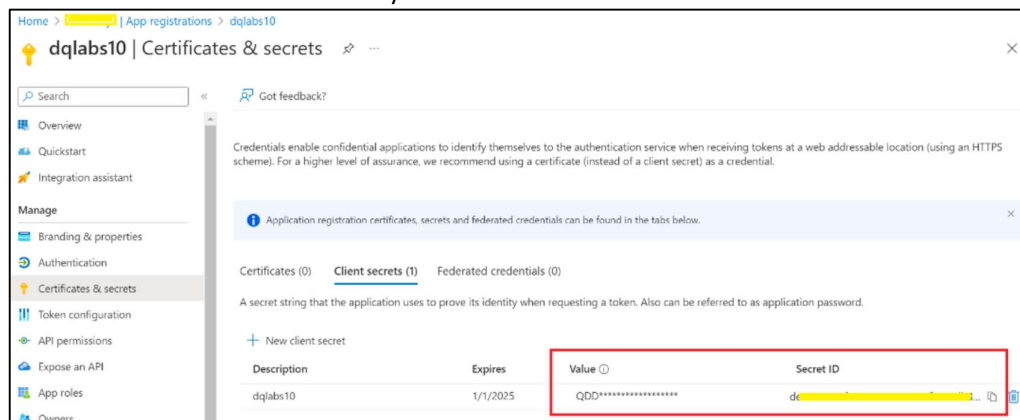
2. **Tenant ID-** Under the azure app > click on Subscription > Pay-As-You-Go > Parent management group will be the Tenant id Under the overview option.



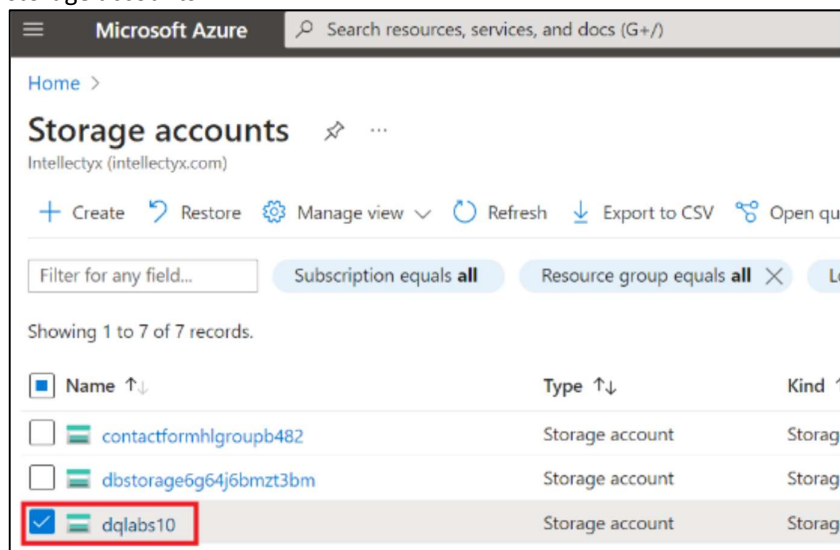
3. **Client ID**- Open the Azure Active Directory > App Registrations > search for the app under the owned application > Application ID of the application will be the client ID.



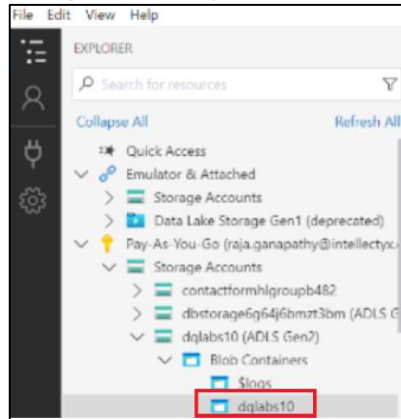
4. **Client Secret Key**- Open the app created > Click on Certificates & Secrets > New client secret > Value will be the client secret key.



5. **Storage Account Name**- User can able to find the storage account name under the Azure storage accounts.



-
6. **File System**- File System will be the same as the container name.



7. **Folder Path**- Provide the path of the files which needs to be configured. (/ - Root path displays all the files present in the database).
8. **Directory**- Under the Storage app, user can able to get the Directory under the containers.

