



erwin Data Intelligence – erwin Data Quality

## **Configuration Guide – Azure Data Lake Connector for erwin Data Quality**

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# Introduction

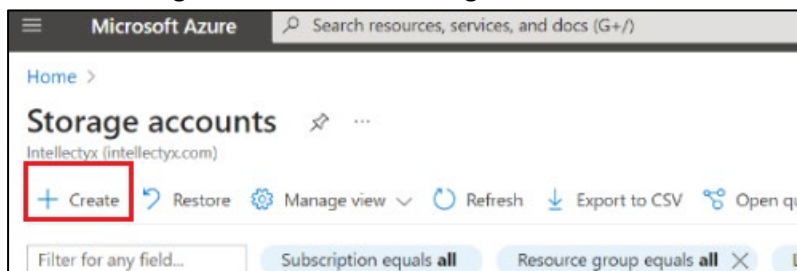
This document is intended to serve as a manual to create the application in ADLS Gen2 and steps to configure the same in the DQLabs application.

## Requirements

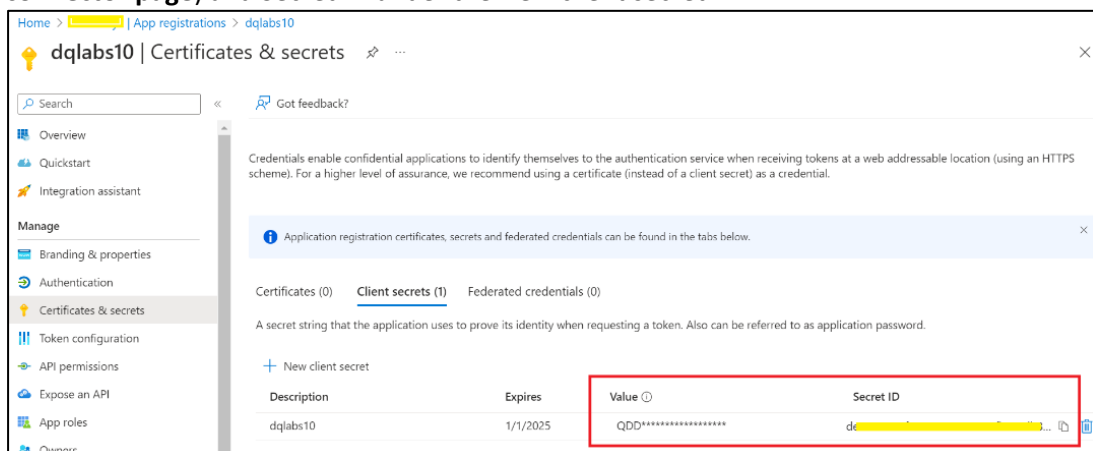
- ADLS Gen2 Storage
- Azure App
- Microsoft Azure Storage Explorer

## Steps to Create an App in Azure

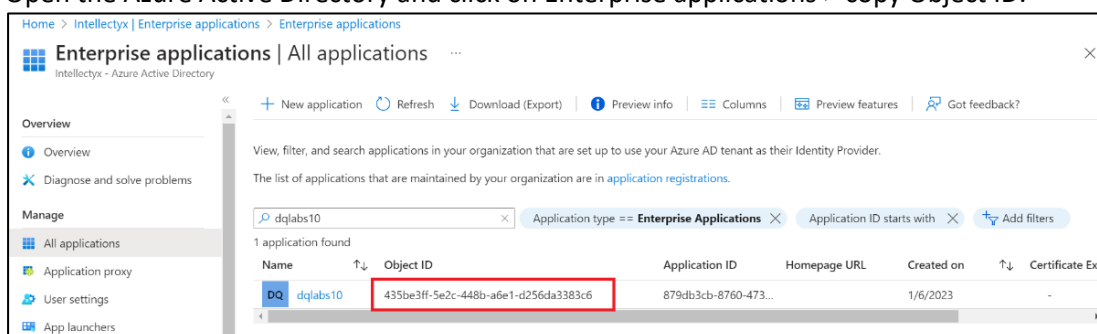
- Open the Azure active directory > Click on App registration and register an application.
- Create a storage in the azure datalake gen2.



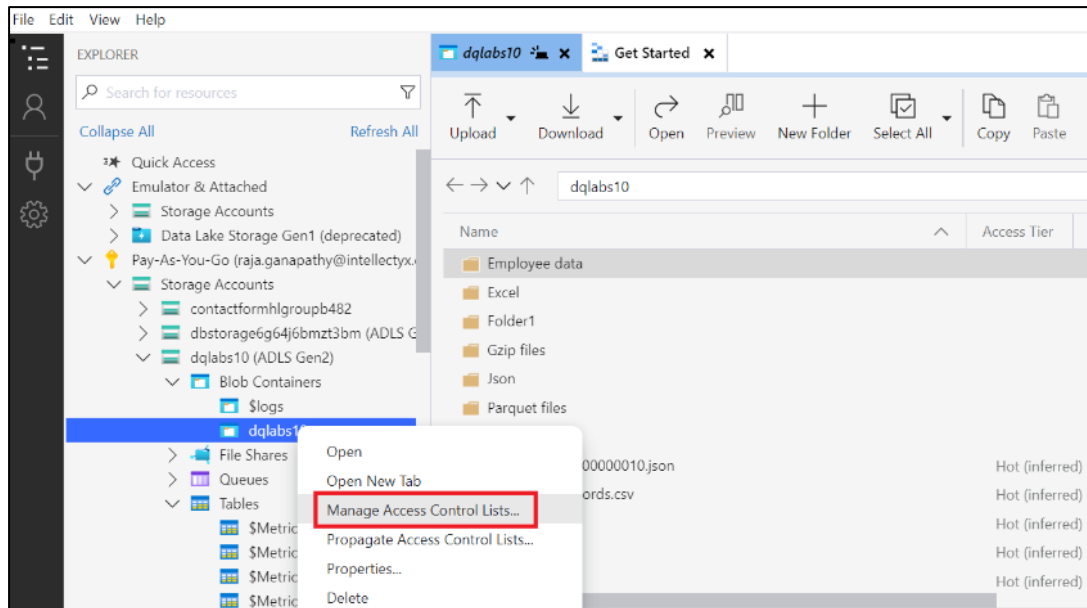
- Open the app created in Azure active directory > Click on Certificates & Secrets and generate the New client secret. Note the value (which will be the **Client Secret Key in DQLabs connector page**) and Secret ID under the New client secret.



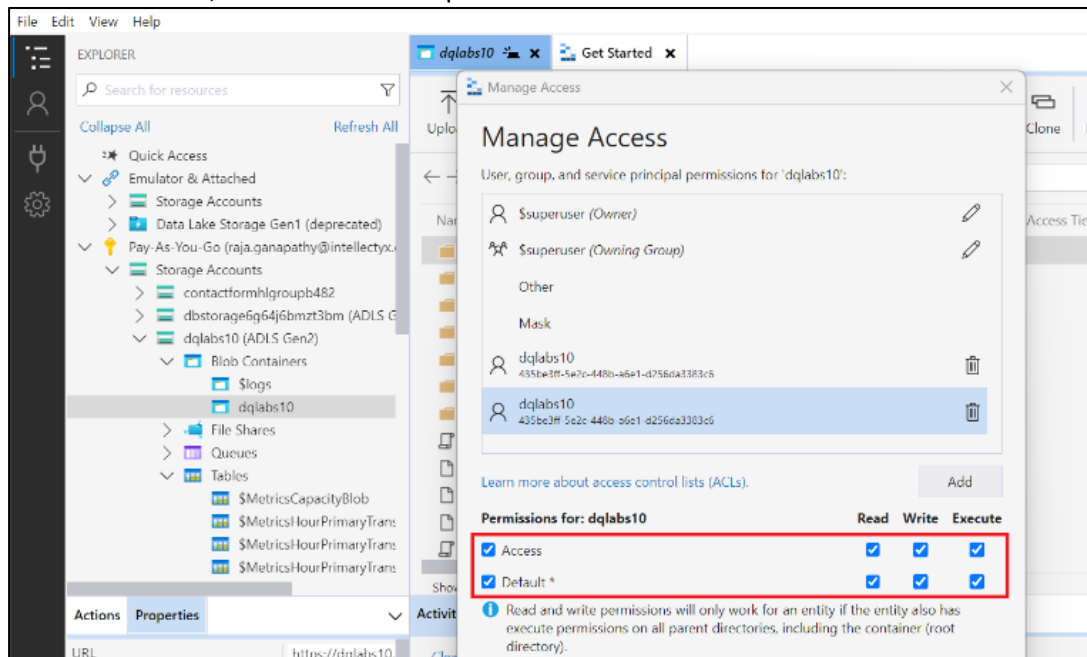
- Now open the app Microsoft Azure Storage Explorer > Open the storage account service > Created storage Account > create an folder inside the Blob containers.
- Open the Azure Active Directory and click on Enterprise applications > copy Object ID.



- 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.



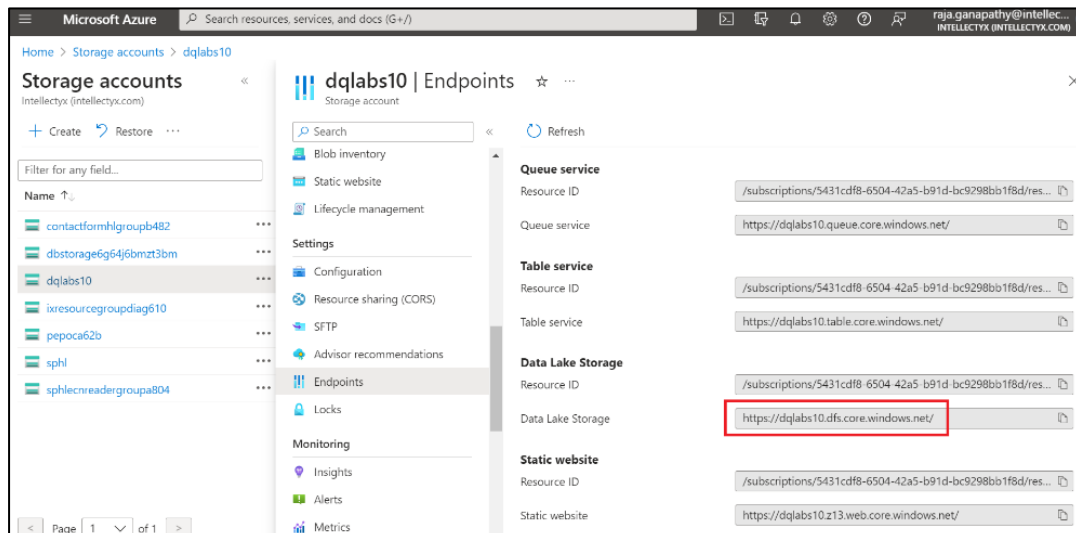
Provide the Read, write and Execute permission for both Access and Default.



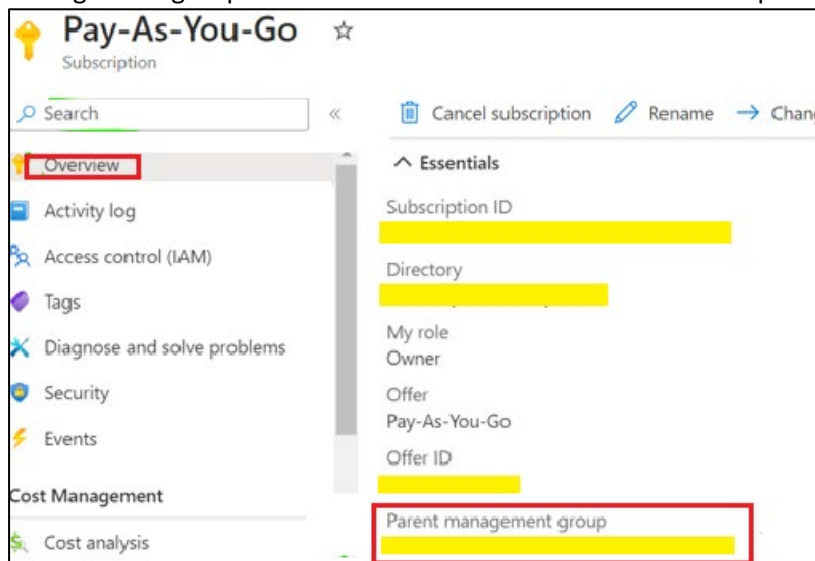
# Azure Data Lake Connection Configuration Details

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

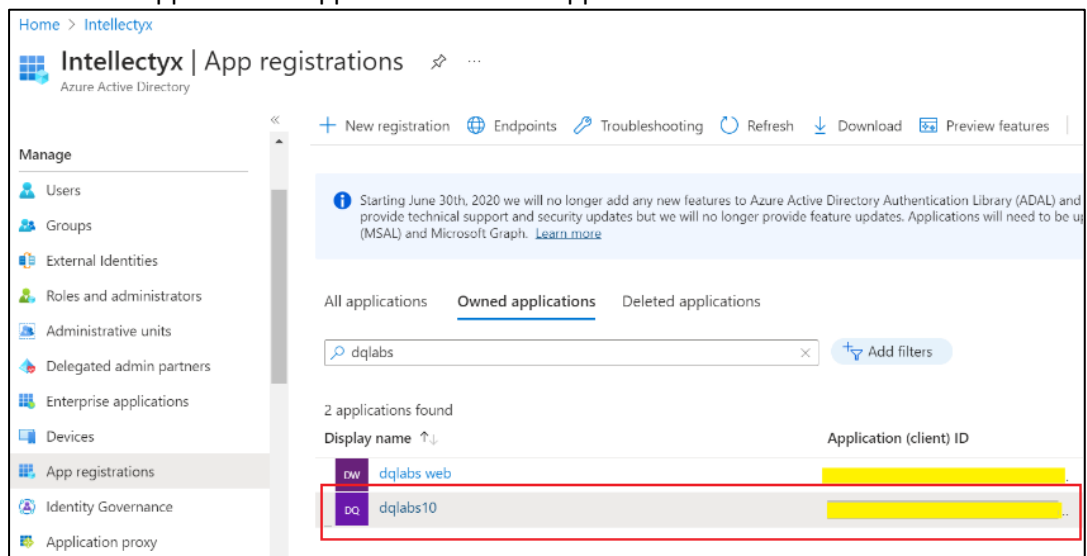
1. **Account DSF URL-** Under the storage app > click on the Endpoints > Data Lake Storage will be the Account DSF URL.



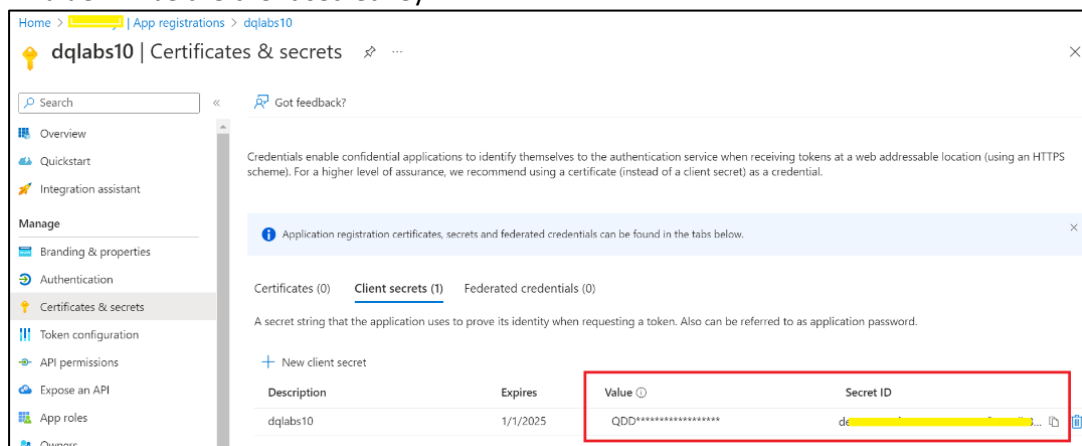
2. **Tenant ID-** Under the azure app > click on Subscription > Pay-As-You-Go > Parent management group will be the Tenant id Under the overview option.



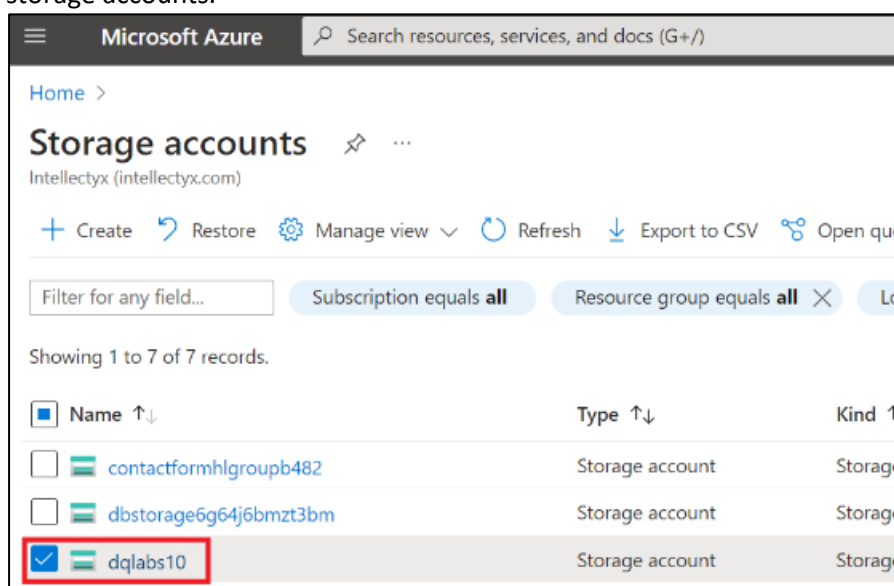
- Client ID-** Open the Azure Active Directory > App Registrations > search for the app under the owned application > Application ID of the application will be the client ID.



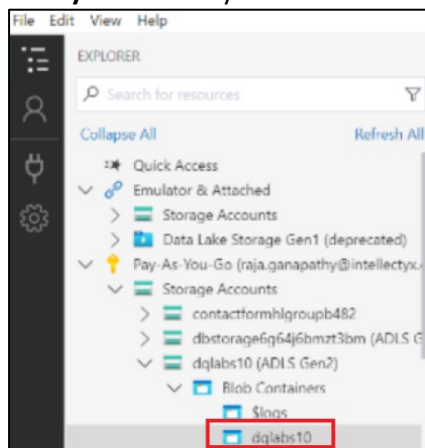
- Client Secret Key-** Open the app created > Click on Certificates & Secrets > New client secret > Value will be the client secret key.



- 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.

