

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.

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• 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.

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💡 dqlabs10 Certificate	es & secrets 👒 …				×
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API permissions Evonce an API	+ New client secret	Turning .	Netwo O	Court D	_
App roles	dqlabs10	1/1/2025	QDD*******	de	D İ

- 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.

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Enterprise applicat	ions All applications		×
Overview	+ New application 🖒 Refresh 🞍 Download (Export) 🛛 🚺	Preview info == Columns Preview feat	ures Sot feedback?
() Overview	View, filter, and search applications in your organization that are set u	p to use your Azure AD tenant as their Identity Provider	5.
X Diagnose and solve problems	The list of applications that are maintained by your organization are in	application registrations.	
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All applications	1 application found		
Application proxy	Name ↑↓ Object ID	Application ID Homepage URL	Created on ↑↓ Certificate Exp
User settings	DQ dqlabs10 435be3ff-5e2c-448b-a6e1-d256da3383c6	879db3cb-8760-473	1/6/2023 -
App launchers	<		,

 Open the Microsoft Azure Storage Explore 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



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

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P Search for resources	$\overline{\uparrow}$	🔛 Manage Access	× 6
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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.

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Home > Storage accounts > dqlabs	10					
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< Page 1 🗸 of 1 >		 Alerts Metrics 		Static website	https://dqlabs10.z13.web.core.windows.net/	

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

Pay-As-You-Go	☆		
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Overview	Â		
Activity log		Subscription ID	
Access control (IAM)		Directory	
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X Diagnose and solve problems	L	My role Owner	
Security		Offer	
🗲 Events	1	Pay-As-You-Go Offer ID	
Cost Management			_
S. Cost analysis	_	Parent management group	1 m

3. **Client ID**- Open the Azure Active Directory > App Registrations > search for the app under the owned.

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Manage	
名 Users	1 Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) ar
🚨 Groups	provide technical support and security updates but we will no longer provide feature updates. Applications will need to be (MSAL) and Microsoft Graph. Learn more
External Identities	
🙇 Roles and administrators	All applications Owned applications Deleted applications
Administrative units	
🔶 Delegated admin partners	
III Enterprise applications	2 applications found
Devices	Display name 🕆 🖟 Application (client) ID
App registrations	pw dqlabs web
Identity Governance	oq dqlabs10
Application proxy	

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

Home > App registrations	> dqlabs10				
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I Overview					
📣 Quickstart	Credentials enable confidential applicat scheme). For a higher level of assurance	tions to identify themselves to e, we recommend using a cert	o the authentication service when receiv tificate (instead of a client secret) as a cr	ing tokens at a web addressable location (using edential.	g an HTTPS
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Manage	Application registration certificates	, secrets and federated credenti	als can be found in the tabs below.		×
Branding & properties					
Authentication	Certificates (0) Client secrets (1)) Federated credentials	(0)		
📍 Certificates & secrets	A secret string that the application use	es to prove its identity when i	requesting a token. Also can be referred	to as application password.	
Token configuration	2	, , ,			
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5. **Storage Account Name**- User can able to find the storage account name under the Azure storage accounts.

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Home >		
Storage accounts ☆ … Intellectyx (intellectyx.com)		
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🗌 🚍 dbstorage6g64j6bmzt3bm	Storage account	Storage
dqlabs10	Storage account	Storage

- 6. File System- File System will be the same as the Storage account 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.

Home > dqlabs10	
dqlabs10 Container	S 🖉 🛧 …
₽ Search «	+ Container 💧 Change access level 🏷 Restore container
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Access Control (IAM)	dqlabs10
💕 Data migration	
🗲 Events	
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Data storage	
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