

Knowledgebase > Lasernet FO Connector > Lasernet FO Connector FAQs > How do I Create an Azure Storage Account?

How do I Create an Azure Storage Account?

Kacper Dylewski - 2023-11-30 - Comments (0) - Lasernet FO Connector FAQs

Lasernet for Dynamics 365 What is an Azure Storage Account?

Storage in Azure is used to group data objects together. For example, all the data is linked to a Finance and Operations (FO) instance, or the working storage for an integration.

The description given by Microsoft is: "An Azure Storage Account contains all of your Azure Storage data objects, including blobs, file shares, queues, tables, and disks. The Storage Account provides a unique namespace for your Azure Storage data that's accessible from anywhere in the world over HTTP or HTTPS. Data in your storage account is durable and highly available, secure, and massively scalable."

For more technical information see the <u>Microsoft documentation</u>.

The creation and configuration of the Azure Storage requires the user to create new resources in Azure. If you are unsure of how to work within Azure, then contact your system administrator.

Where do we use a Storage Account?

An example of where the Lasernet Solution for Dynamics requires working storage is when sending messages between FO and Lasernet The easiest and quickest way to set this up is to use the storage which comes natively with FO.

	Financ	ce and Operations		\mathcal{P} Search for a page
≡	居 Sav	re + New 💼 Delete → Validate ▷ Perform operation \	✓ Options	
ഹ ന	▼ =	C Filter	Standard view ~ Connections	
			Identification	
		Connection id Environment id :	Connection id Connection type Azure Storage Storage	Environment id
8:=		ASB	Storage	
		Azure Storage	Settings	
		CPCASB	Type Instance name	Commence films
		CPCStorage	Type Instance name Dynamics 365 Azure storage Instance name Iasernet	Compress files

This works well for testing and dev environments but can cause issues when migrating config between environments. This is where a separate Azure Storage Account can be very useful. By swapping the type to "Azure Storage" it is possible to define a fixed storage account and maintain the relationships between our stored documents and our migrated configuration.

Settings				
Type Dynamics Azure storage rage V)	Instance name lasernet	\sim	Compress files No
Azure storage Dynamics 365 Azure storag				
File system				
Database SharePoint				
Long term archive				

How to create an Azure Storage Account?

1. Log on to the <u>Azure Portal</u>.

2. In the services at the top of the page, select **Storage accounts** or use the search bar.

Azure service	es								
Create a	Storage	Resource	Service Bus	Virtual	App	Firewall	Azure Active	Subscriptions	
resource	accounts	groups		machines	registrations	Manager	Directory		

This will take you to a list of the Azure Storage Accounts in your subscriptions.

Storage accounts & … Formpipe Software AB (formpipe2se.emea.microsoftonline.com) + Create ♡ Restore ֎ Anage view ∨ ◯ Refresh 🞍 Export to CSV 😚 Open query 🦁 Assign tags 🖹 Delete					
Filter for any field Subscription equals 2 of 3 selected Resource group equals all Showing 1 to 75 of 75 records.	\times Location equals all \times $+_{\nabla}$ Add filter				
□ Name ↑↓	Type ↑↓	Kind ↑↓			
activationstore	Storage account	Storage			
adeliverybankingla6155	Storage account	StorageV2			
azurestoragetodu	Storage account	StorageV2			
cedocumentationaccount	Storage account	StorageV2			

3. Click **Create**.

Storage accounts ☆ … Formpipe Software AB (formpipe2se.emea.microsoftonline.com)	
🕂 🕂 🕂 🕂 + Create 🦻 Restore 🚳 Manage view 🗸 🖒 Refresh 🛓 Export to C	CSV 😚 Open query 🛛 🖗 Assign tags 📋 Delete
Filter for any field Subscription equals 2 of 3 selected Reso	urce group equals all $ imes$ Location equals all $ imes$

The following screen is displayed:

Home > Storage accounts >						
Create a storage account						
Basics Advanced Netw	orking Data protection Encryption Tags Review					
Project details						
Select the subscription in which manage your storage account t	to create the new storage account. Choose a new or existing resource group to organize and ogether with other resources.					
Subscription *	Formpipe PRIVATE Dev/Test					
Resource group *	AX2012R3-DevTest-DEVCPAX2012T-DS2-89c09d89a49b12cd-bff6f9a7e2e V Create new					
Instance details						
If you need to create a legacy s	torage account type, please click here.					
Storage account name (i) *						
Region (i) *	(US) East US					
Region (Deploy to an edge zone					
Performance ① *	• Standard: Recommended for most scenarios (general-purpose v2 account)					
	Premium: Recommended for scenarios that require low latency.					
Redundancy 🛈 *	Geo-redundant storage (GRS) 🗸 🗸					
	Make read access to data available in the event of regional unavailability.					
Subscription	Where this resource group will be located.					
Resource Group	The group where this resource is created. Organizations often have a specific "Lasernet" resource group. If you are unsure, please contact your system administrator.					
Region	The physical location of the hardware on which the Azure Storage Account is located.					
Storage Account Name	The name you want to give to your new storage account, there may be naming conventions in your organization that should be followed.					
Performance	Leave this as standard.					
Redundancy	Leave this as standard, or in a non-production environment "Locally Redundant Storage" will work as a much more cost- effective option.					

4. Ensure all the above information is filled in and then click **Review**.

Redundancy 🛈 *	Geo-redundant storage (GRS)			
	Make read access to data available in the event of reg			
Review	< Previous Next : Advanced >			

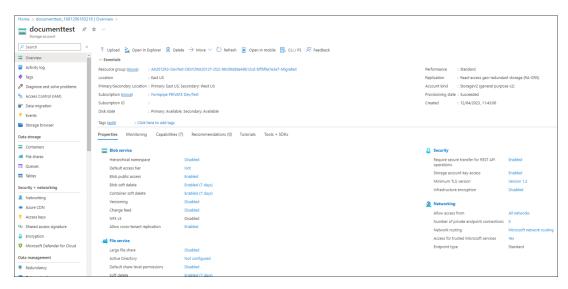
If your config passes the review, the **Create** button will become available.



5. Once you have clicked create, you will see that the deployment is in progress and then when the deployment is complete you can go directly to the resource:

🗊 Delete 🛇 Cancel 🚹 Redeploy 🞍 Download 🖒 Refresh	
Your deployment is complete	
Deployment name: documenttest_1681296183218 Subscription: Formpipe PRIVATE Dev/Test Resource group: AX2012R3-DevTest-DEVCPAX2012T-DS2-89c09d8	Start time: 4/12/2023, 11:43:04 AM Correlation ID: 8e0592c9-79f6-41c5-b67f-3cf78296ec0a 陷
✓ Deployment details	
∧ Next steps	
Go to resource	
Give feedback	
$\ensuremath{\mathcal{R}}$ Tell us about your experience with deployment	

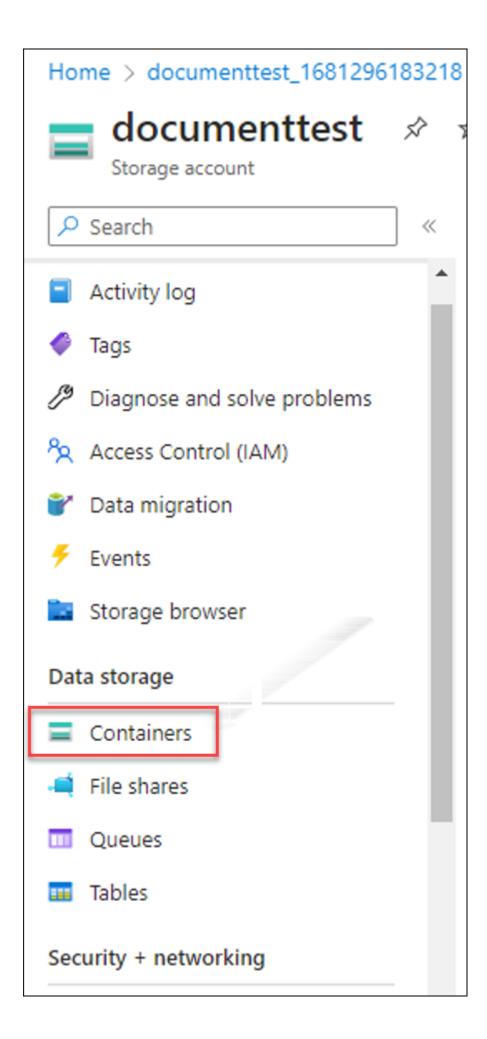
Once the resource is created, the following screen is displayed:



6. To reference this storage account in Lasernet we need to do two things. Copy the Connection String and create a container to store our data in.

Create a Container

1. Navigate to **Containers**.



2. Click **Container** to add a new container.

Home > documenttest_1681296183218	Overview > documenttest			
documenttest Containers ☆ ☆ … Storage account				
₽ Search «	+ Container 🔒 Change access level 🤌 Restore containers 🗸 🕐			
Activity log	Search container			
🗳 Tags				
Diagnose and solve problems	Name			
Access Control (IAM)	\$logs			
💕 Data migration				
🗲 Events				

The following screen will be shown:

New container	\times
Name *	
Public access level 🛈	
Private (no anonymous access)	\sim
∨ Advanced	

3. Give your storage container a name, accept the other defaults, and click **Create**.

You can see your new container has been added to the list:

+ Container	Change access level	\rightarrow Restore containers \checkmark
Search containe	ers by prefix	
Name		
\$logs		
doctest		

Copy the access key

1. To copy the access key, navigate to **Access Keys** on the left of the storage account window.

Data storage				
Containers				
File shares				
Queues				
Tables				
urity + networking				
Networking				
Azure CDN				
Access keys				

2. From within this screen copy the connection string linked to key1, click **show** next to the string, and then use the Copy to clipboard icon to copy the whole string.

Home > documenttest_1681296183218 Overview > documenttest documenttest Access keys * ··· Storage account							
	🕚 Set rotation reminder 💍 Refresh 🔗 Give feedback						
 Activity log Tags 	Access keys authenticate your applications' requests to this storage account. Keep your keys in a secure location like Azure Key Vault, and replace them often with new keys. The two keys allow you to replace one while still using the other.						
Diagnose and solve problems Access Control (IAM)	Remember to update the keys with any Azure resources and apps that use this storage account. Learn more about managing storage account access keys C						
 Data migration Events 	Storage account name documenttest						
🖿 Storage browser	key1 💭 Rotate key						
Data storage	Last rotated: 12/04/2023 (0 days ago)						
Containers	Key Show						
File shares Queues	Connection string						
🎫 Tables	key2 💭 Rotate key						
Security + networking	Last rotated: 12/04/2023 (0 days ago)						
2 Networking	Key Show						
Azure CDN	Connection string						
📍 Access keys	Show						
Shared access signature							



Apply this configuration

We use Azure Storage accounts in FO, as shown in the example at the start of this page.

Copy the connection string from the storage account into the connection string field in the Lasernet Connector.

B Save + New Delete ✓ Validate ▷ Perform operation ✓ Options							
∀ =	P Filter Connection type	Standard view ~ Connections					
	~ ·	Identification					
	Connection id Environment id : ASB	Connection Id Connection type Environment Id Storage					
	Azure Storage	Settings					
	CPCASB	Type Connection string Instance name Compress files					
	CPCStorage	Azure storage					

Once the connection string has been copied in, the instance name for the storage container is available to select from the drop-down menu:

Standard view \vee Connections			
Identification			
Connection id Azure Storage	Connection type Storage	Environment id	
Settings			
Type Azure storage	Connection string	Instance name	Compress files No
		doctest	