

How do I Create an Azure Storage Account?

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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.

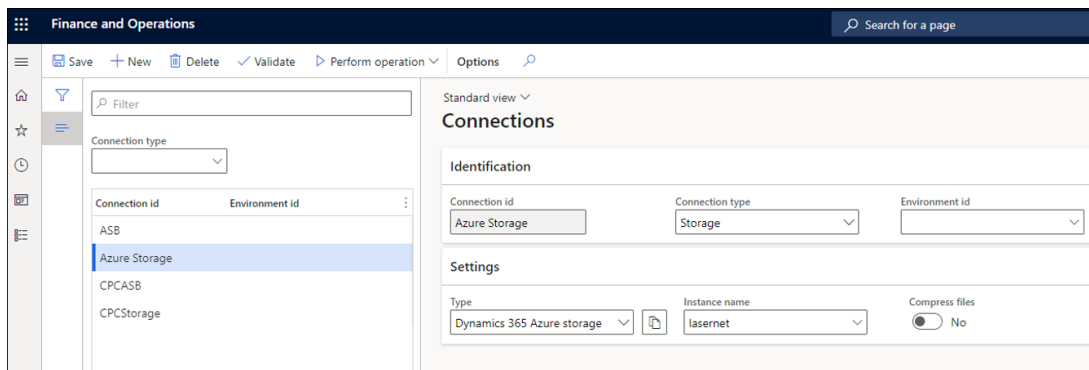
The description given by Microsoft is: “An Azure Storage Account contains all of your Azure Storage data objects, including blobs, file shares, queues, tables, and disks. The Storage Account provides a unique namespace for your Azure Storage data that's accessible from anywhere in the world over HTTP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

For more technical information see the [Microsoft documentation](#).

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.

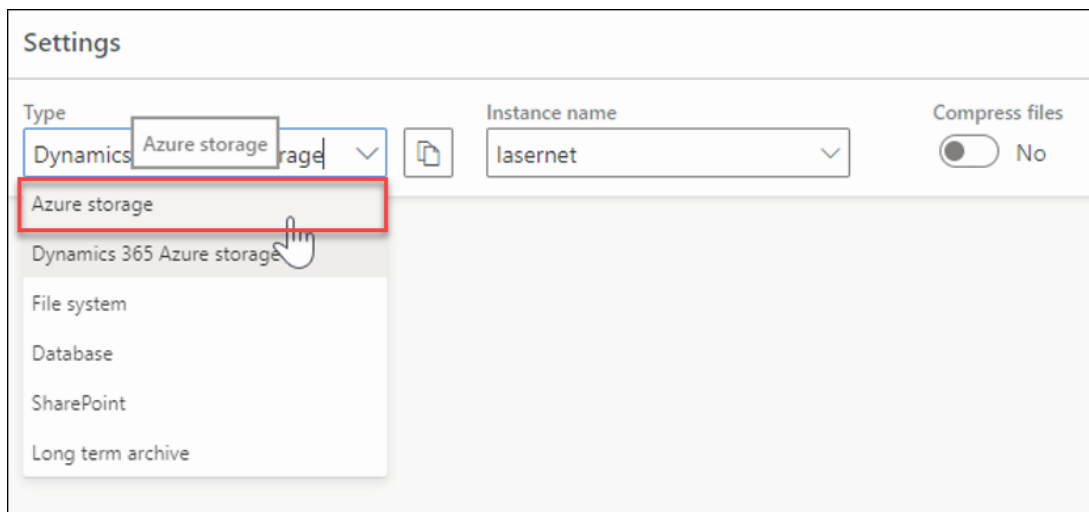
Where do we use a Storage Account?

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



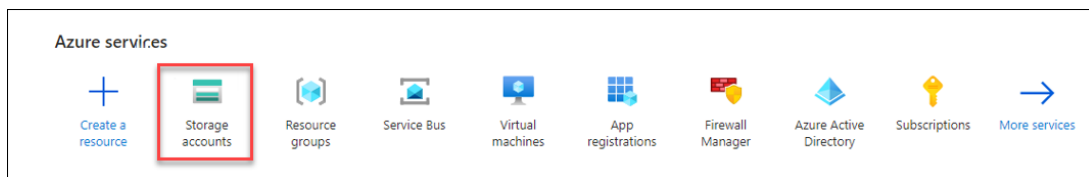
This works well for testing and dev environments but can cause issues when migrating config between environments. This is where a separate Azure Storage Account can be very useful. By swapping the type to “Azure Storage” it is possible to define a fixed storage

account and maintain the relationships between our stored documents and our migrated configuration.

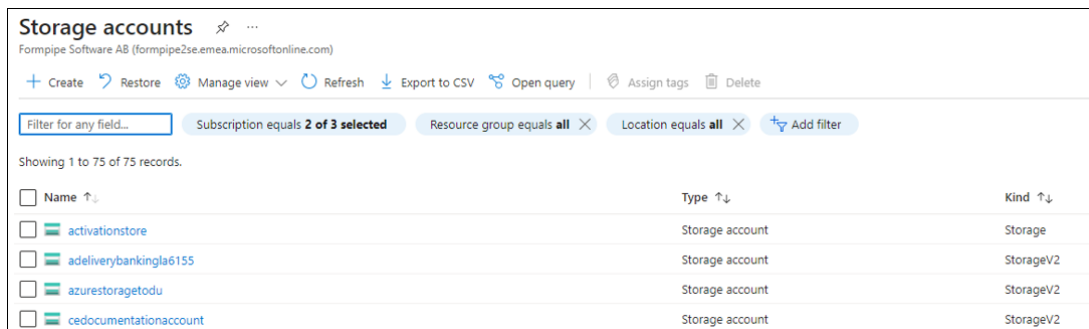


How to create an Azure Storage Account?

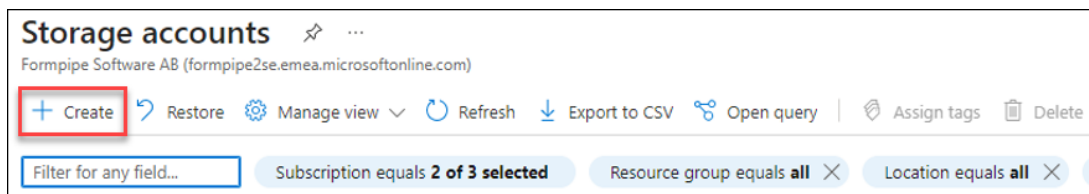
1. Log on to the [Azure Portal](#).
2. In the services at the top of the page, select **Storage accounts** or use the search bar.



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



3. Click **Create**.



The following screen is displayed:

Home > Storage accounts >

Create a storage account

Basics | Advanced | Networking | Data protection | Encryption | Tags | Review

Project details

Select the subscription in which to create the new storage account. Choose a new or existing resource group to organize and manage your storage account together with other resources.

Subscription *

Resource group * [Create new](#)

Instance details

If you need to create a legacy storage account type, please click [here](#).

Storage account name

Region [Deploy to an edge zone](#)

Performance Standard: Recommended for most scenarios (general-purpose v2 account)
 Premium: Recommended for scenarios that require low latency.

Redundancy 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.

Security

Create

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 Start time: 4/12/2023, 11:43:04 AM
Subscription: Formpipe PRIVATE Dev/Test Correlation ID: 8e0592c9-79f6-41c5-b67f-3cf78296ec0a
Resource group: AX2012R3-DevTest-DEVCPAX2012T-DS2-89c09d8...

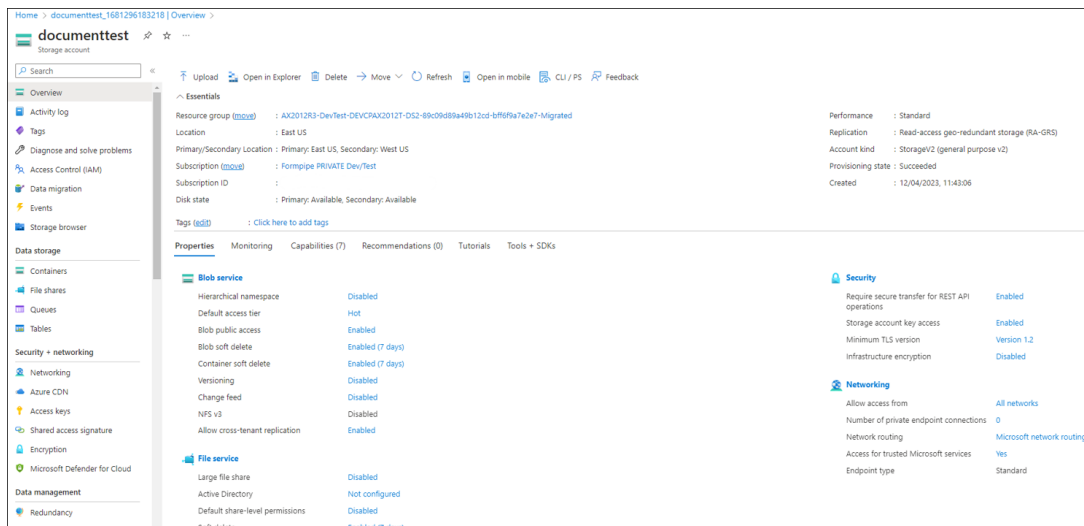
Deployment details

Next steps

Go to resource

Give feedback
[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**.

Home > documenttest_1681296183218



documenttest

Storage account

- Activity log
- Tags
- Diagnose and solve problems
- Access Control (IAM)
- Data migration
- Events
- Storage browser

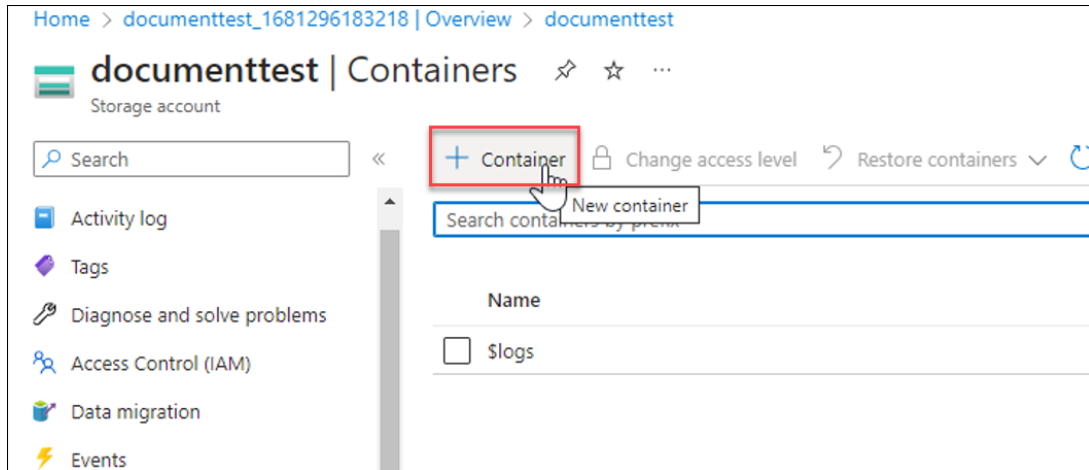
Data storage

Containers

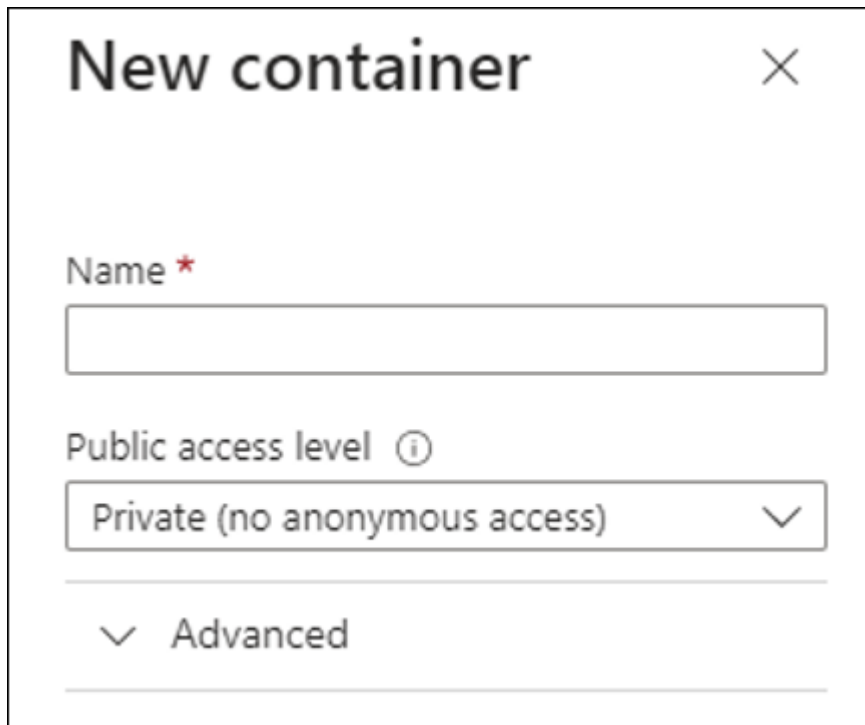
- File shares
- Queues
- Tables

Security + networking

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

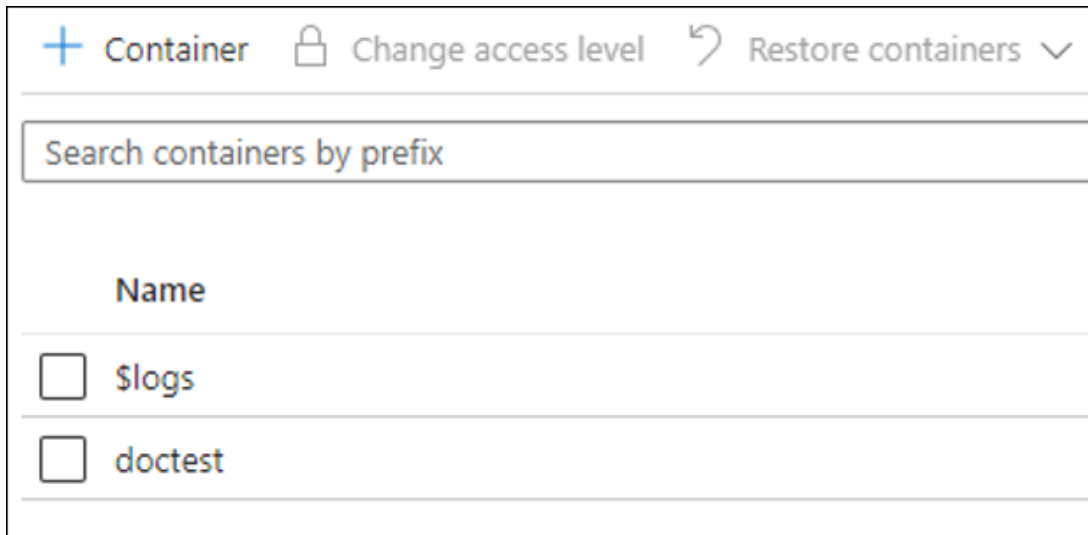


The following screen will be shown:



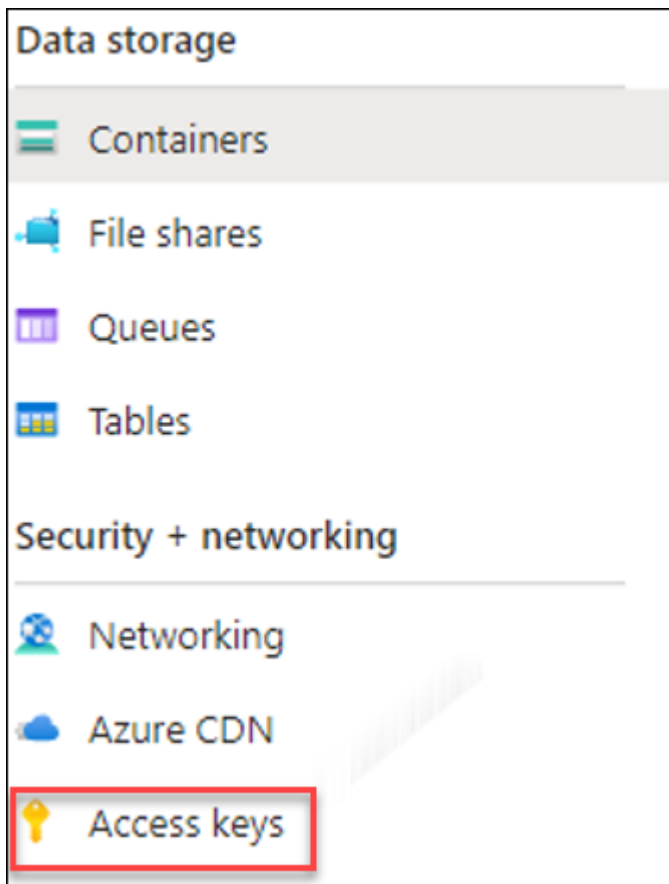
3. Give your storage container a name, accept the other defaults, and click **Create**.

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

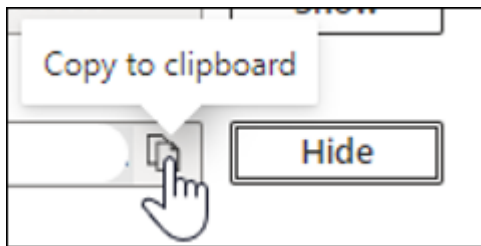
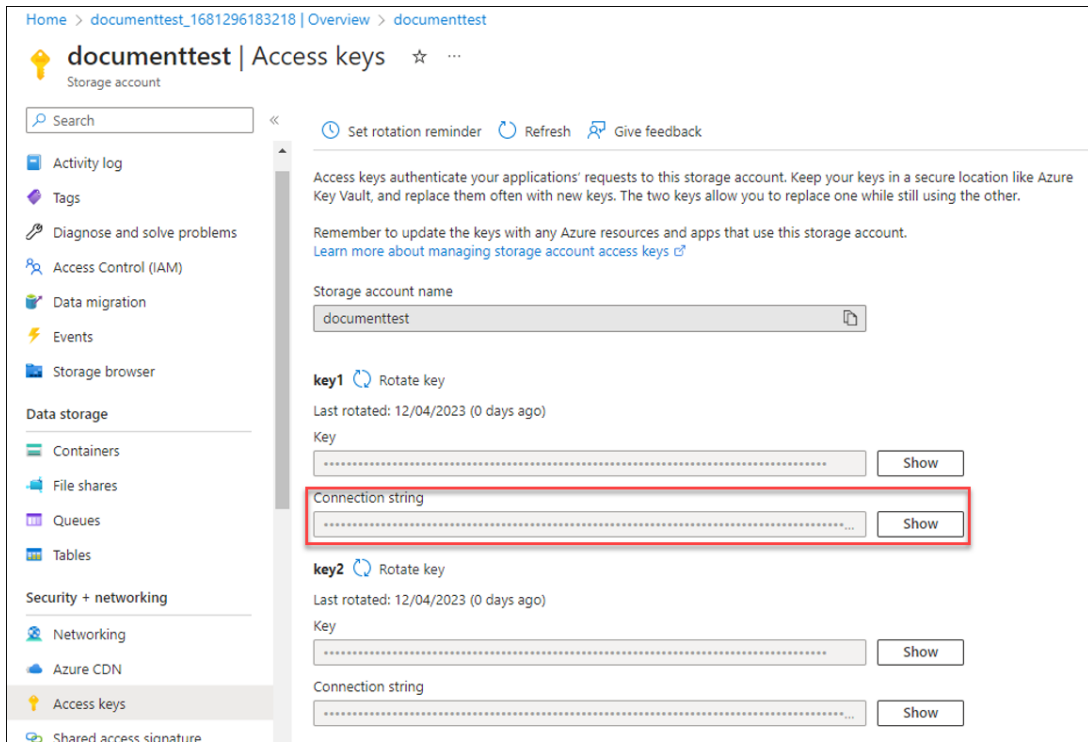


Copy the access key

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



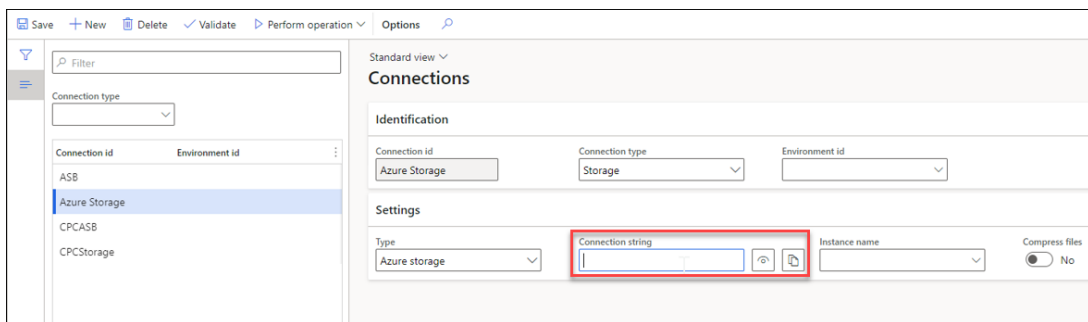
2. From within this screen copy the connection string linked to key1, click **show** next to the string, and then use the Copy to clipboard icon to copy the whole string.



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 Lasernetet Connector.



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

Connections

Identification

Connection id

Azure Storage

Connection type

Storage

Environment id

Settings

Type

Azure storage

Connection string

.....



Instance name

Compress files



No

- Storage
- doctest