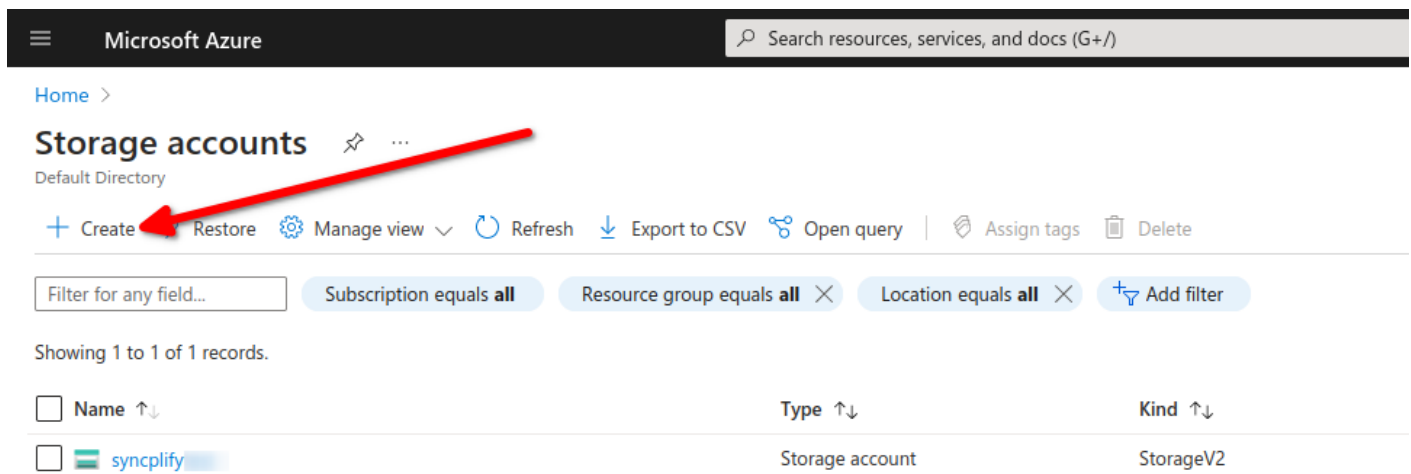


# How to use the Azure blob storage Virtual File System (VFS)

Syncplify Server!, through its virtual file system (VFS) data storage layer, can store your SFTP server's data into various storage back-ends. This article explains how to use the **Azure** (blob storage) VFS type that stores your server's data into an Microsoft Azure blob storage container.

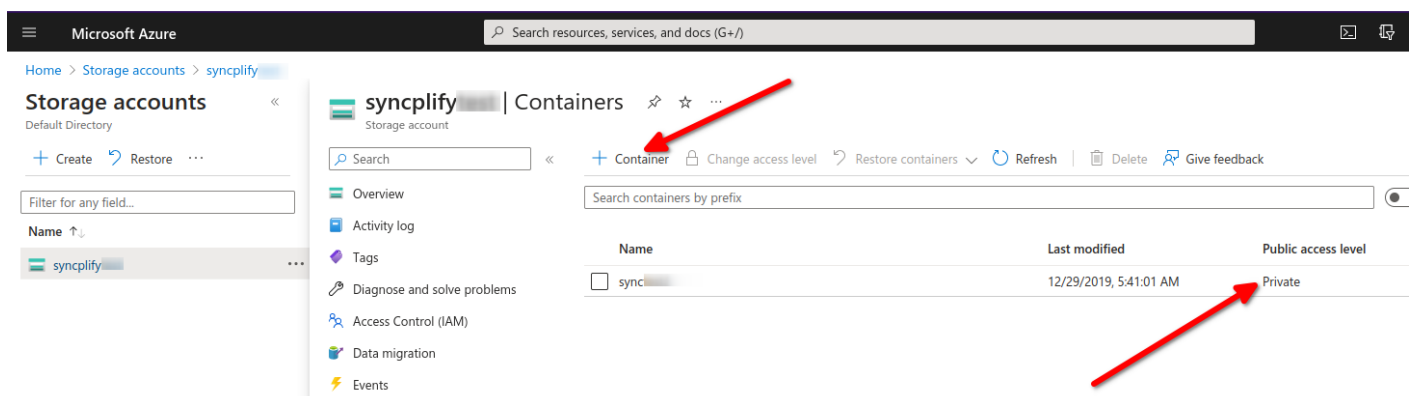
First of all you'll need to create an Azure Storage Account (unless you already have one). Please, make sure this account features and security settings meet your requirements.



The screenshot shows the Microsoft Azure portal interface. At the top, there's a search bar and a navigation menu. The main heading is 'Storage accounts'. Below it, there's a 'Default Directory' section. A red arrow points to the '+ Create' button. Other buttons include 'Restore', 'Manage view', 'Refresh', 'Export to CSV', 'Open query', 'Assign tags', and 'Delete'. There's also a filter bar with 'Subscription equals all', 'Resource group equals all', and 'Location equals all'. Below the filter bar, it says 'Showing 1 to 1 of 1 records.' A table lists the storage account 'syncplify' with columns for 'Name', 'Type', and 'Kind'.

Name	Type	Kind
syncplify	Storage account	StorageV2

Inside of your storage account, create the container(s) you need. For security reasons, we recommend you to make sure that they're not publicly accessible, access should be restricted to your storage account and access key.



The screenshot shows the Microsoft Azure portal interface for the 'syncplify' storage account. The main heading is 'Containers'. A red arrow points to the '+ Container' button. Below it, there's a search bar and a table listing containers. The table has columns for 'Name', 'Last modified', and 'Public access level'. A red arrow points to the 'Private' public access level.

Name	Last modified	Public access level
syncplify	12/29/2019, 5:41:01 AM	Private

Now you're ready to create your Azure Virtual File System (VFS) in your Syncplify Server!:

### Editing VFS "TestAzure" (type: Azure) ✕

**Target \***

**Blob storage URL**  
azblob://synctestazureblob

Example: "azblob://my-container".

**Target Payload**

**Account name and key in JSON format**  
{ "account\_name": "syncplifytestacc", "account\_key": "CaokBtgjNSyFr4lxxlOVt+zI" }

Example: "{ \"account\_name\": \"Server\_Account\_Name\", \"account\_key\": \"Server\_Account\_Key\" }" or "{ \"sas\_token\": \"Sas-Token\" }"

**Soft Quota**

0

**Hard Quota**

0

Cancel

Edit

Specify your Azure blob storage URL as shown above, and then use your storage account name, and its associated account key (in JSON) format to authenticate/authorize access from your VFS to your Azure blob storage. That's all there is to it.

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