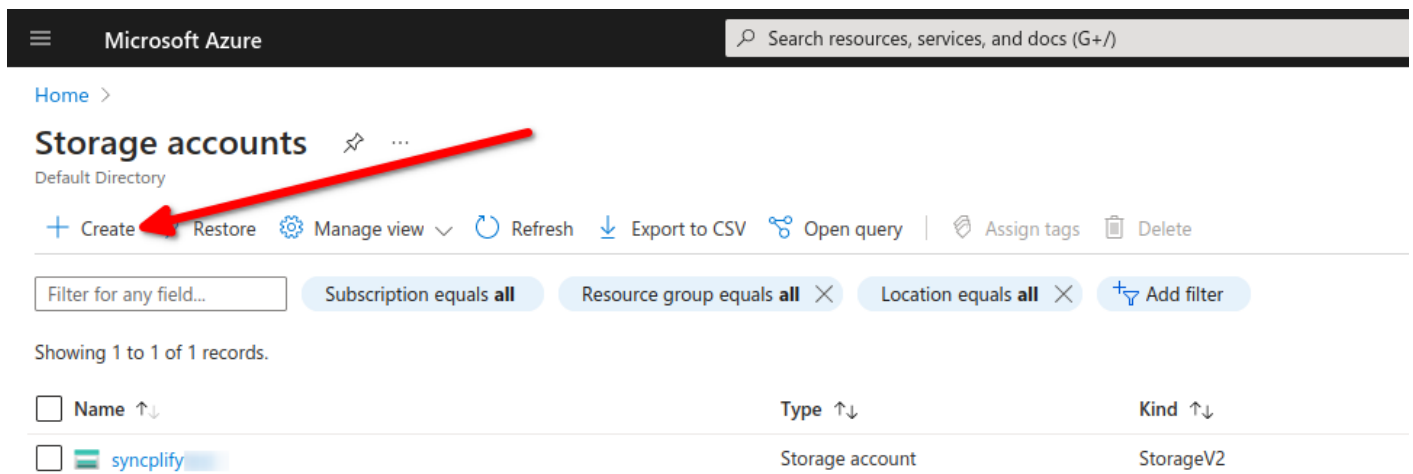


# New PageHow to use the Azure blob storage Virtual File System (VFS)

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.

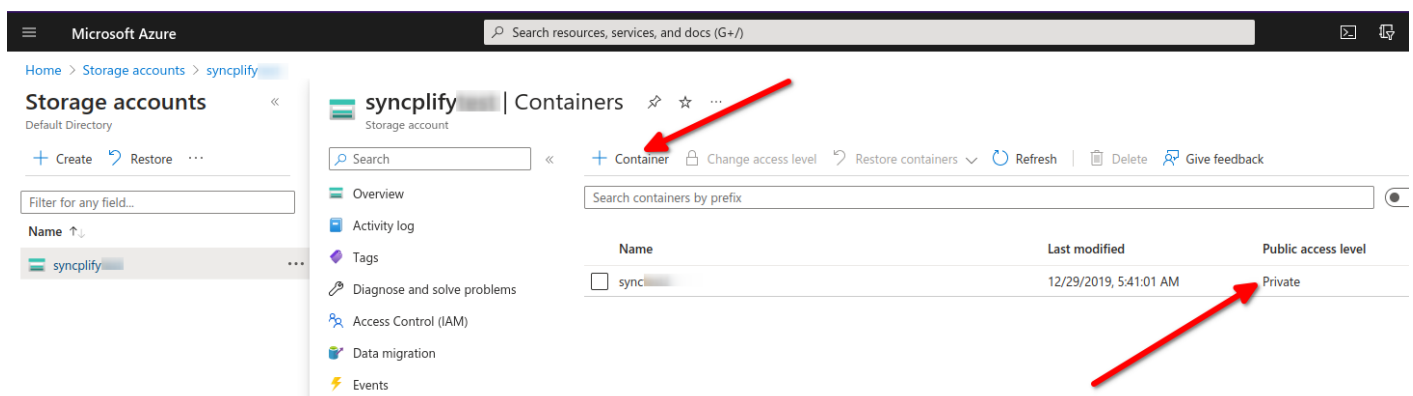
First of all you'll need to create an Azure Storage Account (unless you already have one). Please, make sure this account features and security settings meet your requirements.



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' with a 'Default Directory' subheading. Below this, there's a row of action buttons: '+ Create', 'Restore', 'Manage view', 'Refresh', 'Export to CSV', 'Open query', 'Assign tags', and 'Delete'. A red arrow points to the '+ Create' button. Below the buttons, there's a filter section with 'Subscription equals all', 'Resource group equals all', and 'Location equals all'. A table below shows one record for a storage account named 'syncplify' with type 'Storage account' and kind 'StorageV2'.

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 'Containers' page for the 'syncplify' storage account. On the left, there's a sidebar with navigation options: Overview, Activity log, Tags, Diagnose and solve problems, Access Control (IAM), Data migration, and Events. The main area has a 'Create container' button, which is highlighted by a red arrow. Below this, there's a table of containers. The first container is named 'syncplify' and has a 'Public access level' of 'Private', which is also highlighted by a red arrow.

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**

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

**Target Payload**

**Account name and key in JSON format**

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

Soft Quota

Hard Quota

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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