Amazon S3

Amazon S3 is probably the most well-known object storage in the world.It's very flexible and support a lot of settings and options. Explaining all of them here would be out of scope, so let us give you the links to the official documentation from Amazon/AWS regarding how to create a bucket and configure an access to it.

Step #1: in the AWS Console

First create your S3 bucket:

> **Creating a general purpose S3 bucket** (opens in a new tab)

Then to create an Access Key and Secret pair:

1. Create an **IAM User**:
   1. Navigate to the IAM Console
   2. Select Users
   3. Click Create user.
2. **Attach Permissions**: In the permissions step, attach a policy granting S3 access (e.g., **AmazonS3FullAccess** or a custom policy restricting access to your specific bucket).
3. **Generate Keys**: After creating the user, click on the user name, go to the **Security credentials** tab, and select **Create access key**.
4. **Download Credentials**: Choose **Other** for the use case, add a description if desired, and click **Create access key**. Download the .csv file immediately, as the Secret Access Key is only displayed once.

That's it for the Amazon/AWS side. Now let's move to the SFTP.cloud side.

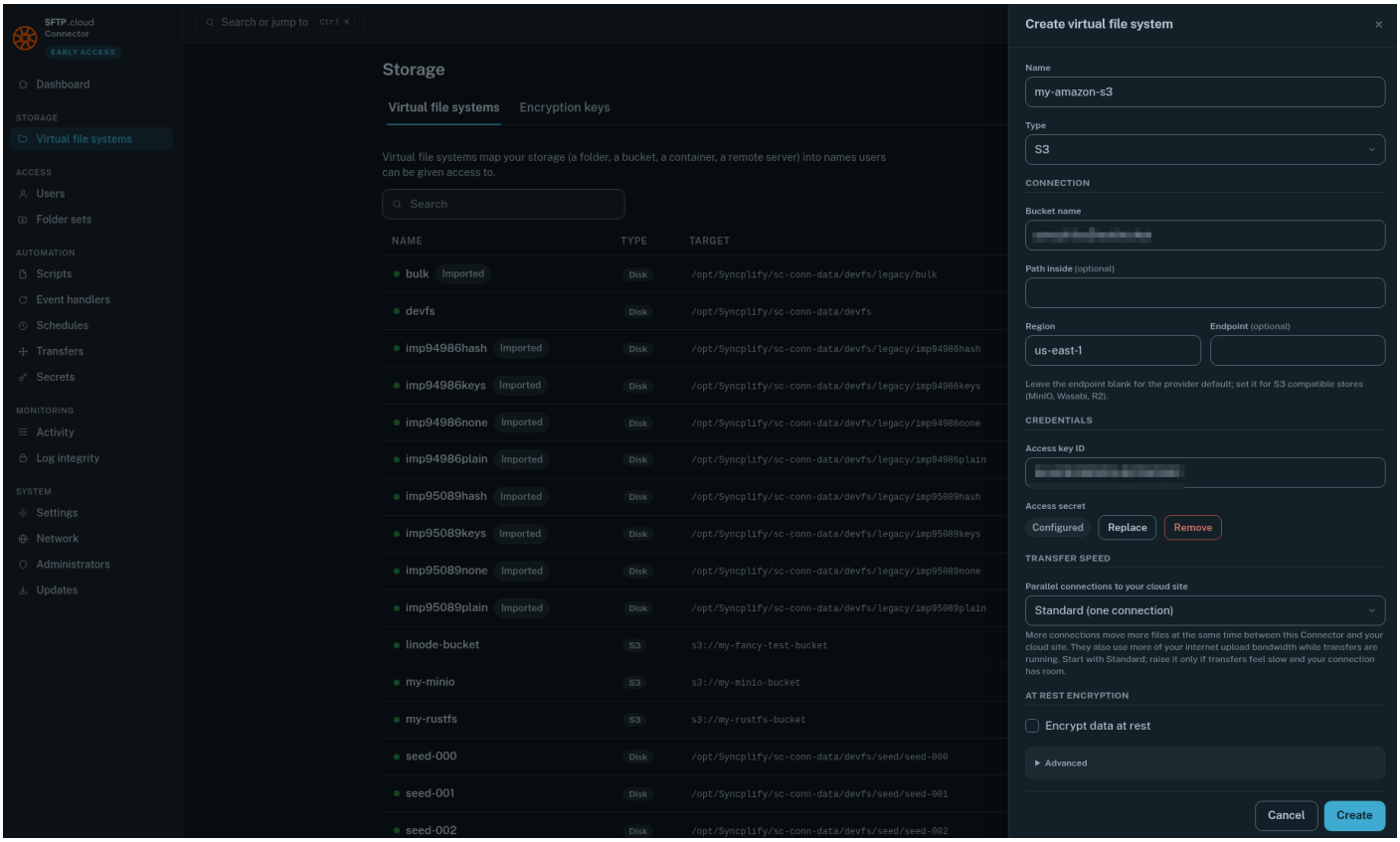
Step #2: in your SFTP.cloud Storage Connector

> For **best performance** it is recommended that you deploy an SFTP.cloud Storage Connector as close as possible to the storage it handles, in this case **an EC2 VM** or **a container in Amazon ECS** are the ideal choices.

The first thing to do is to add a new **Virtual File System**. For Linode Object Storage in particular there are a few small (but extremely important) details to pay attention to:

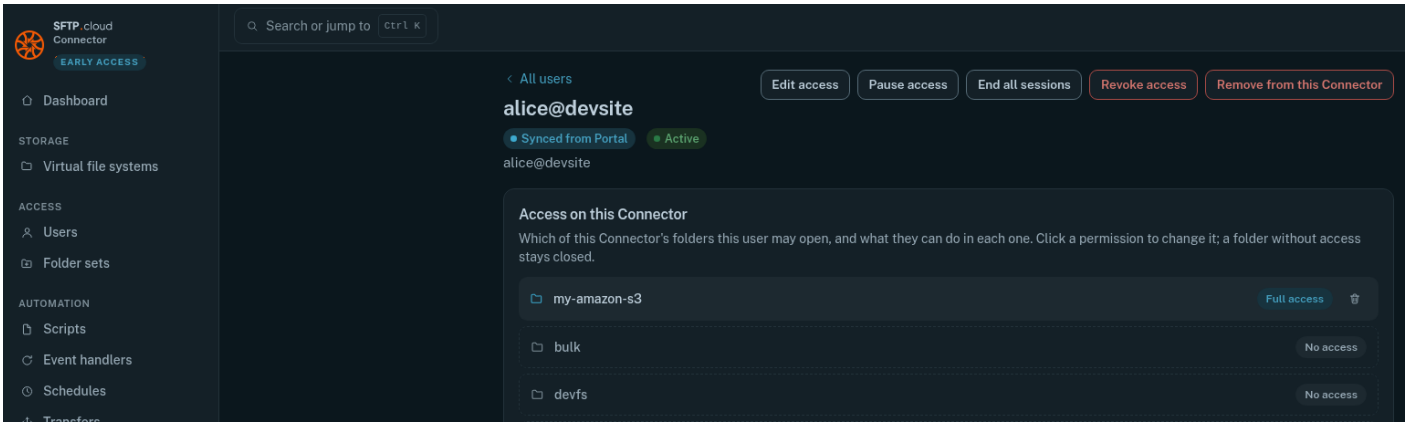
- **Type:** `S3` (just like any other S3-compatible object stores)
- **Region:** whichever region you created the bucket in (ex: *us-east-1*)

- **Endpoint:** for Amazon/AWS leave this one empty



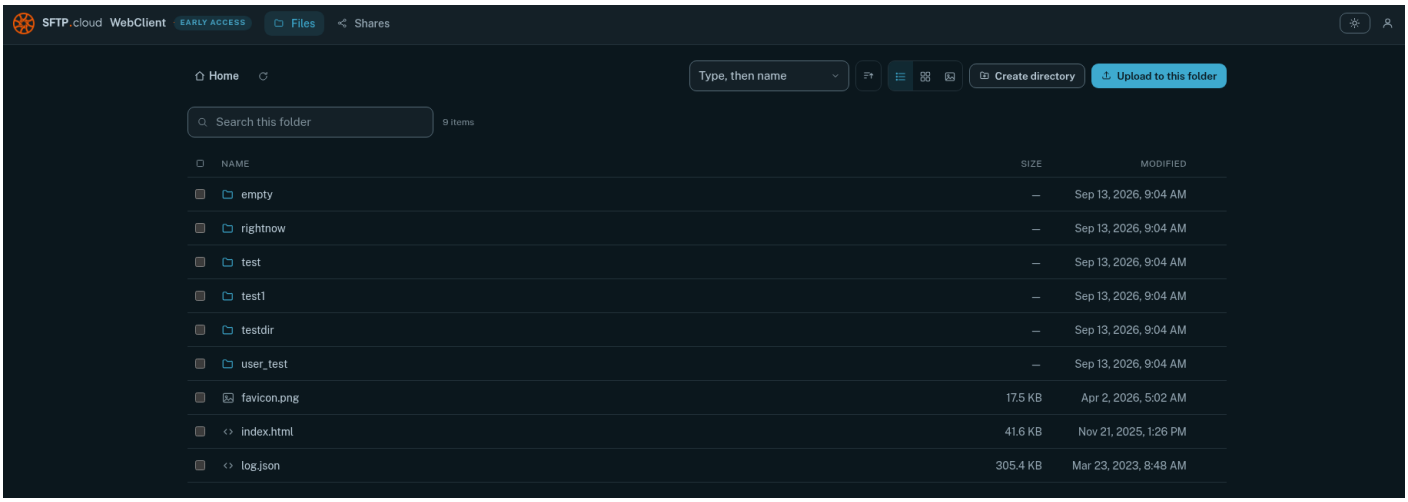
> **Do NOT forget** to push the `Save` button next to the **Access secret** after you type it in, or it won't be saved, and nothing will work.

Then, still in the Storage Connector UI, go to the **Users** page, and give your user(s) the desired access to the newly created VFS:



Finally

Test it out. Connect to it via your SFTP.cloud WebClient, create a folder, upload some files...



[Manual: general information about storage back-ends]

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