Michael Baker
I N T E R N A T I O N A L

Tidal Basin: Set Up S3 Bucket for Data Upload

Introduction

In this tutorial, we will discuss how to create a new folder for a data upload process in the Tidal Basin AWS S3 bucket and then creating new folders that will receive data from a python data upload process. This setup is essential for managing your data efficiently, ensuring that your most current data is easily accessible while keeping a historical record of previous data versions.

Below, you will find steps that will guide you creating a project folder, and then creating two subfolders called "Active" and "Archive", which will store the the active data and the last 50 versions of the data.
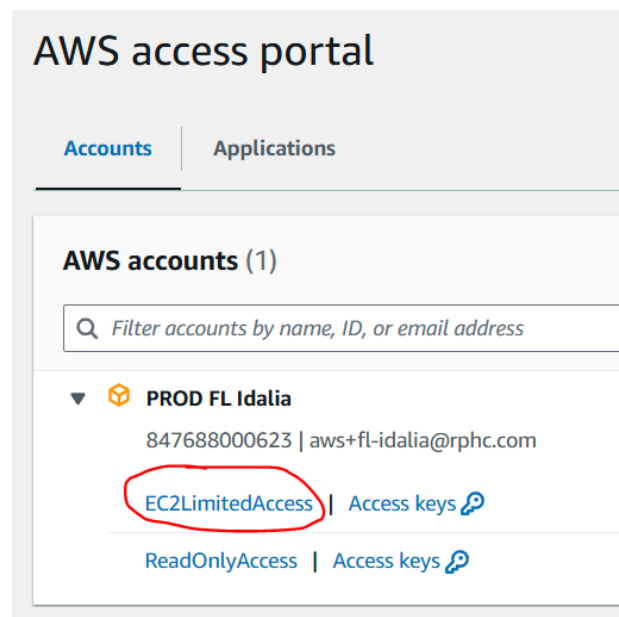
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1: Navigate to the Reporting External AWS S3 Bucket

Sign in to AWS and navigate to the S3 Bucket :

○ Go to [AWS Sign In](#) link, sign in with Tidal Basin Credentials

○ Click on the **EC2LimitedAccess** option

2: Navigate to the S3 Bucket

Go to the **"reporting-external"** AWS S3 Bucket:

○ After you are signed into AWS, visit this link [here](#)

3: Create a New Project Folder

Create Project Folder:

- ○ On the **reporting-external** page, select the button **Create Folder**

- ○ Enter a unique folder name pertaining to the project you are pulling data for.

- ○ Select **Create Folder**

4: Create the Active and Archive Folder

Create Folders for Data Upload:

- ○ On the folder page, again find the Create Folder button and select it.

- ○ For the first folder, enter **Active** for the folder name, then select **Create Folder**

- Now repeat the process, but put in **Archive** instead

Example_for_Tutorial/

Objects | Properties

Objects (0) Info   Copy S3 URI | Copy URL | ↓ Download | Open ↗ | Delete | Actions ▼ | Create folder

Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory ↗ to get a list of all objects in your bucket. For others to access your objects, you'll need to them permissions. Learn more ↗

Q Find objects by prefix

	Name	▲	Type	▽	Last modified	▽	Size	▽	Storage class

No objects
You don't have any objects in this folder.
↑ Upload

Folder

Folder name

Active

Folder names can't contain "/". See rules for naming ↗

Folder

Folder name

Archive

Folder names can't contain "/". See rules for naming ↗