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Cloud computing Project

Program in python language that stores some small set of files into a storage service at one of the public cloud vendors (Amazon S3).

The following steps has been done using Python:

- Create a bucket in S3
- Upload two small text files into the S3 bucket
- List all buckets
- List all objects in the bucket you create
- Get one of the files you uploaded and display it contents

S3 is Amazon simple storage service. It provides secure, durable and highly scalable object storage. It is useful and can programmatically store, retrieve and access any amount of data from anywhere on the web.

To store an object in AWS, we can upload it as a file to the bucket. Buckets are the containers for the object. We can have one or more buckets. Files in Amazon S3 are called objects. Each object is a key value pair.

If we are building a website for a large business, we can store static data in the Amazon S3 to increase the speed and to reduce the cost.

Amazon S3 provides cost effective object storage and useful in cloud computing, disaster recovery and data analytics. We can also use S3 to back up data.

We need to set up AWS security credentials for connecting the code to the AWS. Using python code, we can create a bucket. We can upload text files into the bucket.



AWS

Services

Edit

Trasily

Global

Support

Create Bucket


Actions

None

Properties

Transfers

All Buckets (1)

Name
 trasily

...

S3 Console

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Announcement: Cross-Region Replication

To get started, right-click on a bucket, choose Properties, then choose the Cross-Region Replication tab. Learn more.

AWS

Services

Edit

Trasily

Global

Support

Create Bucket



Actions

None

Properties

Transfers

All Buckets (2)

Name
 trasily
 trasily1

AWS

Services

Edit

Trasily

Global

Support

Upload

Create Folder

Actions

None

Properties

Transfers

All Buckets / trasily2

	Name	Storage Class	Size	Last Modified
	file1.txt	Standard	31 bytes	Sun Jun 14 19:03:41 GMT-700 201
	file2.txt	Standard	28 bytes	Sun Jun 14 19:11:32 GMT-700 201