BACKUP LOCAL FILES TO AWS S3 Readme

Bot Overview

This bot performs the following:

- Creates a compressed folder for the specified path and uploads it to AWS S3 which serves as your data backup.

Pre-Requisites

- Automation Anywhere Enterprise v10.7 or above.

Installation

- Download the bot from Bot Store.
- Double click on <Bot Name>.msi and follow the installation instructions.

For first time users, the "Bot Store" folder is created under <AA Directory>/My Tasks (on your local disk).

Installer creates the following folder structure with content under the <AA Directory>

- <AA Directory>
  - o My Tasks
    - ▪ Bot Store
      - • Backup Local To AWS S3 - AA (Folder)
        - o My Tasks
          - ▪ BackupLocalToS3.atmx
        - o Error Folder
          - ▪ Logs (Folder)
            - • Error Logs Month-Day-Year.txt
          - ▪ Snapshots (Folder)
            - • Error Snap Month-Day-Year.png
  - o My Metabots
    - ▪ BackupLocalToS3.mbot
    - ▪ [AWS] S3Operations.mbot

How to Use the Bot:

Use the following information to configure your bot:

Parameter Name	Type	Direction	Additional Info
SourcePath	String	Input	This is the path of the directory on your local system which needs to be uploaded to AWS S3. Example - C:/Users/user/Downloads
Destination Path	String	Input	This is the path on your local system where the zip file will be stored. Do not forget to mention

			the filename with the .zip extension. Example – C:/Users/user/Desktop/test.zip
BucketName	String	Input	Name of the S3 Bucket to be used for the upload or download operation. Example – test
UploadFileName	String	Input	Name of the file to be uploaded to S3 bucket. Remember to put this file in the "Input Files" folder of the extracted zip. Example – test.csv
AccessKey	String	Input	The access key that allows access to AWS API's. Example - AKIAI45D3RE6N
SecretKey	String	Input	The secret key that allows access to AWS API's. Example – FBwKDpfFORbsg9JmmDDBFwbI N
CreateBucket	String	Input	If you want to create a bucket on S3 and upload file to the newly created bucket, set this option to "True". If you want to use your own bucket, set this option to "False".
Region	String	Input	Region in which the instance is to be created. The details about available regions can be found at the end of this document. Example – N.California
Response	String	Output	This is the variable that will receive the result of the operation. Example – The file has been successfully uploaded to the specified S3 bucket.
vErrorFolder	String	Input	This is error folder inside bot folder which contains Logs and Snapshots folder (Already defined, no need to add value unless want to change location of file).
vLogFolder	String	Input	This folder contains Log file in case of error (Already defined, no need to add value unless want to change location of file).
vSnapshotFolder	String	Input	This folder contains Screenshot in case of error (Already defined, no need to add value unless want to change location of file).

Error Handling

- Each Bot folder contains the below hierarchy.
  - Error Folder
    - Logs
      - Error Logs Month-Day-Year.txt: In case of any error, this file logs error message along with time stamp
    - Snapshots
      - Error Snap Month-Day-Year.png: In case of any error, this file captures screenshot of error.
- Task Status of bot is set to failed in case of error.

Notes

List of Available AWS Regions

Tokyo, Seoul, Singapore, Sydney, Frankfurt, Ireland, South America, N.Virginia, N.California, Oregon

Generating AWS Access Key and Secret Key
Information on how to generate the keys can be found at this link

https://docs.aws.amazon.com/general/latest/gr/managing-aws-access-keys.html