* Create an IAM user and grant it programmatic access and console access. My new IAM user is

Users for private accounts:

ShilohIT: access\_key:AKIAXB5IN5PEKWT5M5OU

Secret\_key: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

AngelMeg: access\_key:AKIAXB5IN5PEK2ZVP4MG

Secret\_key: 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

Password: Pigeons@2022

* ME: access\_key: AKIAXB5IN5PEFEQDX6HA

Secret\_key: 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

*From <*[*https://us-east-1.console.aws.amazon.com/iam/home#/users$new?step=final&accessKey&userNames=ME&permissionType=policies&policies=arn:aws:iam::aws:policy%2FAmazonS3FullAccess*](https://us-east-1.console.aws.amazon.com/iam/home#/users$new?step=final&accessKey&userNames=ME&permissionType=policies&policies=arn:aws:iam::aws:policy%2FAmazonS3FullAccess)*>*

* To put an object in an s3 bucket make sure to cd into the directory where the object resides before running the command for example if the object is in the downloads folder cd into downloads then run the command.

To put an object in an s3 bucket run the following command type:

* aws s3api put-object --bucket angelmeg --key cloudformation.json --body xixok-mod-w-rptpi-001.json --profile AngelMeg

Breaking down the command:

* Aws here is the platform followed by the service s3 and then fact that you are about to make an api call followed by the api call put object. Next provide bucket name and key is the name you are giving the object in the bucket and body is the object you are getting from your local computer. Last is the profile name

***To get an object run the following command type***

* aws s3api get-object --bucket angelmeg --key cloudformation.json CF.json --profile AngelMeg

*Breaking down the command*:

* Aws s3api refers to the platform the service and saying that you are making an ai call. This is then followed by the api which in this case is get-object. Now you specify the bucket name and the key here is the name of the object in the bucket and followed by the new key that the object will be called in your local ( CF.json in this case). This is then followed by the profile name AngelMeg
* [Policies and Permissions in Amazon S3 - Amazon Simple Storage Service](https://docs.aws.amazon.com/AmazonS3/latest/userguide/access-policy-language-overview.html)
* [AWS JSON policy elements: NotPrincipal - AWS Identity and Access Management (amazon.com)](https://docs.aws.amazon.com/IAM/latest/UserGuide/reference_policies_elements_notprincipal.html)