S3 HANDSON ON AWS CONSOLE

* Create bucket.
* Add bucket name.
* Choose default region.
* Leave bucket ownership and other settings as default.
* Create bucket.

Uploading data into a bucket

* First open bucket
* Click upload.
* Upload desired objects.
* Click on permissions (edit permissions) if you want to assign permissions

To assign storage class

* Select bucket.
* Go to actions and select edit storage class.
* Choose storage class and save.

To version a bucket

* Select bucket and open.
* Go to properties.
* Click on bucket versioning and enable versioning.
* Save changes.
* Go to objects and upload the same object you uploaded before
* Refresh, open object and click on versions to see new version of object.

To encrypt the data

* Select object and go to action.
* Select server-side.
* encryption.
* Select bucket settings for default encryption.

To edit tags

* Select object and go to action.
* Click on edit tags.
* Click on add tags.
* Keyword=name value =IT specialist
* Save changes.

To assign presigned url

* Select object and click on actions.
* Click on share with presigned url
* Choose from drop down arrow.
* Copy url and save or send to someone.

To do bucket and object structuring

* Select object go to create folder.
* Name folder
* Choose default aws encryption
* Move existing data into object (open bucket, select object,go to actions,choose move, browse S3 dropdown arrow and choose destination and move object).

To create a policy lifecycle

* Select bucket and open.
* Go to management and create lifecycle policy(the naming of the lifecycle should reflect or be close to the description of the object or the bucket)
* Add prefix=previously created folder name
* Add tags=previous tag you created
* Choose lifecycle rule actions and version action rule, save changes
* You can create another lifecycle policy to delete the existing data

To create cross account replication rule

* Open bucket, go to management
* Click on create replication rule
* Enable status
* Leave source bucket default
* Edit IAM role (choose any)
* Check aws available keys and create a new key, choose current region save change(duplicate tab)

-Keep it to symmetric click next

-Add alias display name=myfirstkey click next

-Under key administration, select both administrators, check box and click next

-Under this account, check both accounts and then specify the accounts(if you want someone from another account to access it) Finish

* Go back to duplicated tab and insert newly created key
* Copy ARN number and insert
* On destination specify a bucket in another account,copy acc Id and insert bucket name and save
* Replicate existing object.
* Choose path to store job after job is complete=same bucket you created.