**Automating S3 Lifecycle using Ansible and Cloud Formation**

1. Login in to Desktop Machine by hitting browser

**http://<Desktop Machine public IP>:2222**

2. Clone your code repository

$ **git clone** [**https://git-codecommit.us-east-1.amazonaws.com/v1/repos/AwsD-L**](https://git-codecommit.us-east-1.amazonaws.com/v1/repos/AwsD-L)

**User name: y2y\_codecommituser-at-673371647640**

**Password: nsjZ5/LqQBZdq+uyLbm3fwlPaM+ZXb5BvkN0WCe0JKU=**

3. Go to S3 Folder

$cd AwsD-L/s3

4. Creating Lifecycle Bucket and uploading files to it

In this code we set the lifecycle for moving the data from S3 to Glacier in 1 Day and Deleting in glacier at 11 day.

**Ansible: ansibleforcreatinglifecyclebucket.yaml**

**Cloud formation Template: templateforlifecyclebucket.yaml**

Command:

--------

Replace ACCESSKEY, SECRETKEY, STACKNAME, REGIONNAME, BUCKETNAME and FILE PATH for Data

$ **ansible-playbook ansibleforcreatinglifecyclebucket.yaml -e "accesskey=ACCESSKEY secretkey=SECRETKEY stackname=STACKNAME nameofregion=REGIONNAME templatepath=templateforlifecyclebucket.yaml bucketname=USERNAME-REGION-BUCKETNAME bucketpermission=PublicReadWrite storageclass=Glacier transitionindays=1 objectsalivedays=10 directorypath=FILE\_PATH" -v**