**Create EBS Volume , Attach to Instance Configure Volume in the Instance**

1. Create a Centos Server VM to mount the volume and download key file

2. Login in to Desktop Machine by hitting browser

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

3. 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=**

4. Go to ebs Folder

**$cd AwsD-L/ebs**

5. Copy Key File

$vi ~/test.pem

Copy the content of your key file here

6. Create ansible inventory file , Change all values appropriately

$ sudo vi /etc/ansible/hosts

uservm ansible\_host=<instance Public IP> ansible\_connection=ssh ansible\_user=centos ansible\_private\_key\_file=/home/<username>/test.pem

7. Ansible for Attaching volume to instance and creating pv,vg,lv on mount on directory

ansible: ansibleforattachingvolume.yaml

Template: templateforattachingvolume.yaml

Command: Change all Values

ansible-playbook ansibleforattachingvolume.yaml -e "uservmadminusername=$uservmadminuser [ ex: centos or ubuntu ] accesskey=$accesskey secretkey=$secretkey nameofregion=$region stackname=$stackname templatepath=$templatepath filesystemtype=$filesystemtype [ if amazon linux it is ext4 , centos it is [ xfs ] ,instanceid=$instanceid volumename=$voluename volumesize=$volumesize availabilityzone=$availabilityzone instanceip=$publicipofthesourcemachine keypath=$keypath pathname=$directoryabsoultepath volumedevicetype=$volumedevictype [ ex: /dev/sdh, /dev/sdf ] devicename=$devicename [ if /dev/sdh it is /dev/xvda, [or] if it is /dev/sdi then it is /dev/xvdi ] mountvolumesize=$mountsize [is always less than the attached volumesize]" -v