**Automating the Creation of File system**

**Step 1: Create Security Groups**

Ansible: ansibleforsg.yaml

Template: templateforsg.yaml

**This Code will create both InstanceSG and EFSSG**

Change ACCESSKEY, SECRETKEY, REGION, STACKNAME

**COMMAND**

ansible-playbook ansibleforsg.yaml -e "accesskey=ACCESSKEY secretkey=SECRETKEY nameofregion=REGION stackname=STACKNAME templatepath=templateforsg.yaml" -v

**Step 2: Create EFS FILESYSTEM**

Ansible: ansibleforefs.yaml

Template: templateforefs.yaml

**Get the Subnet ID for the subnet you need to enable to get the subnet IDs go to**

https://console.aws.amazon.com/vpc/home?region=us-east-1#subnets:

**This Code will create both EFS file share and create Mount target in two subnet mentioned**

Change ACCESSKEY, SECRETKEY, REGION, STACKNAME, FIRST SUBNET ID, SECOND SUBNET ID, EFS NAME, PERFORMANCE MODE and EFS SGID (From Step 1 )

**COMMAND**

ansible-playbook ansibleforfs1.yaml -e "accesskey=ACCESSKEY secretkey=SECRETKEY nameofregion=REGION stackname=STACKNAME templatepath=templateforefs.yaml firstsubnetid=FIRST\_SUBNET\_NAME secondsubnetid=SECOND\_SUBNET\_NAME efsname=EFS\_NAME efsperfomancemode=maxIO sgid=SG\_ID" -v