Project 2

Create followings on AWS platform using ansible roles🡪 vpc, subnet,route-table, internet gw, security group and ec2 instance

1. Launch one ec2 and name it as ‘controller machine’
2. Create one user having name ‘cloudknowledges’

# useradd cloudknowledges

check

# cd /home/

# ls

One dir must be there🡪 ‘cloudknowledges’

1. Go to controller machine install git and run 🡪

# yum install git -y

# cd /etc/ansible/roles/

# git clone <https://github.com/sanjaydahiya332/vpc-role.git>

1. Now lets edit variables file

Open var file

Go to aws console 🡪 cloud 🡪 My security credentials 🡪 Access keys 🡪 delete previous ones🡪 create new access keys 🡪 show access keys 🡪 copy access key and paste in var file🡪 llly secret key

1. # cd ..
2. # cd tasks
3. # vim main.yml

Understand this file

1. Go to aws console
2. Switch to N.virginia
3. Check any ec2 available
4. # cd /etc/ansible/roles/vpc-roles/tests
5. # ansible-playbook test.yml
6. # cd /home/cloudknowledges/
7. # ls

production.pem must be there

1. # chmod 600 production.pem
2. Check whether one ec2 got created in aws console also check 🡪

vpc

subnet

route-table

internet gw

security group

1. Try to connect created ec2

# cd /home/cloudknowledges/

# ssh ec2-user@private-ip-of-new-ec2 -i production.pem