AWS TASK 1

Main Objectives:

- **Create a key pair**
- **Create a security group**
- **Launch an instance using the above created key pair and security group.**
- **Create an EBS volume of 1 GB.**
- **The final step is to attach the above created EBS volume to the instance**

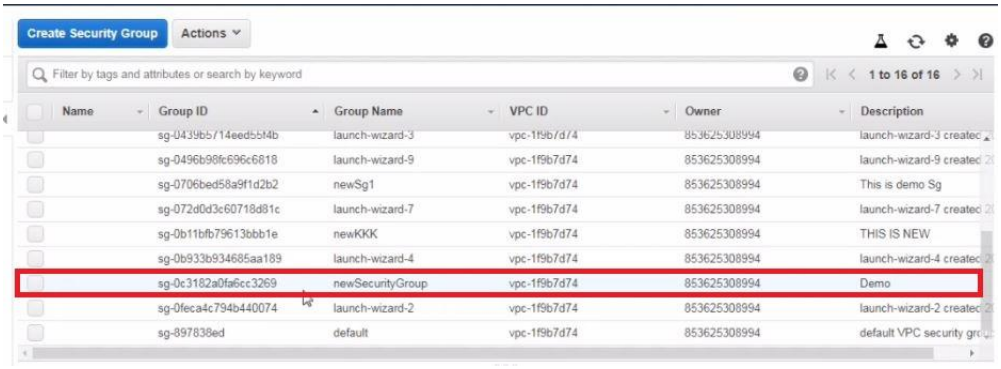
Creating key Pair

Command: aws ec2 create-key-pair --key-name newpass

Creating Security-group

Command: aws ec2 create-security-group --group-name newSecurityGroup --description "Demo" --vpc-id vpc-1f9b7d74

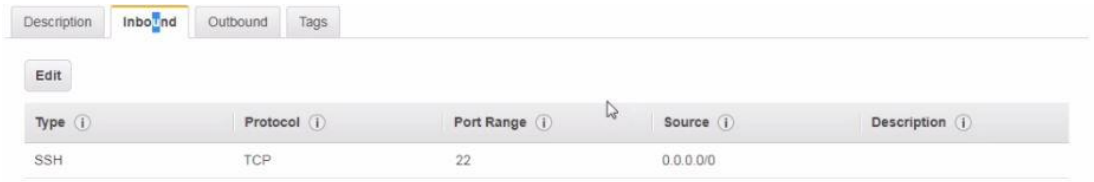
```
C:\Users\Ashish>aws ec2 create-security-group --group-name newSecurityGroup --de
scription "Demo" --vpc-id vpc-1f9b7d74
{
    "GroupId": "sg-0c3182a0fa6cc3269"
}
```



Assigning ingress rule to security-group

Command: aws ec2 authorize-security-group-ingress --group-name newSecurityGroup --protocol tcp --port 22 --cidr 0.0.0.0/0

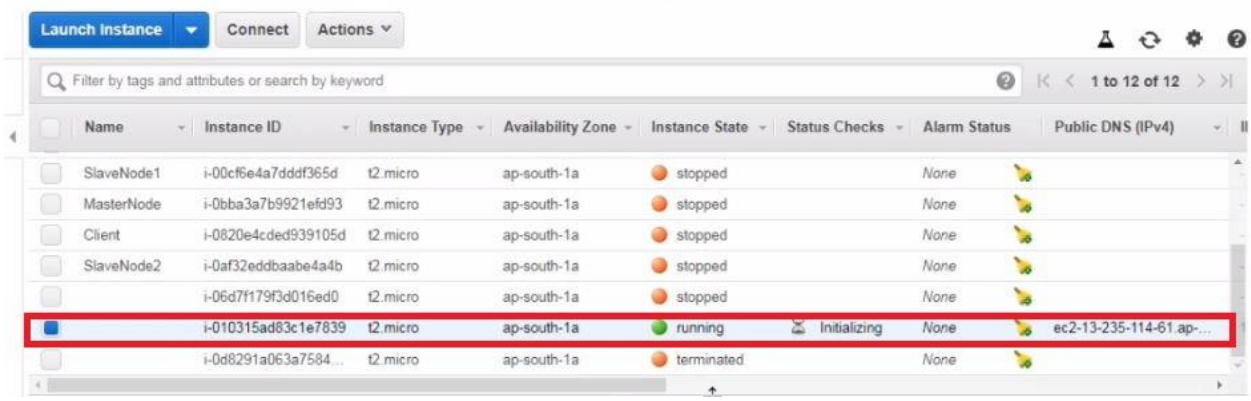
```
C:\Users\Ashish>aws ec2 authorize-security-group-ingress --group-name newSecurit
yGroup --protocol tcp --port 22 --cidr 0.0.0.0/0
```



For Launching an instance using CLI

Command: aws ec2 run-instances --image-id ami-0e306788ff2473ccb --instance-type t2.micro --security-group-ids {sg-015e9d81ee97c0ecb} --subnet-id subnet-b94d42d1 --count 1 --key-name newpass

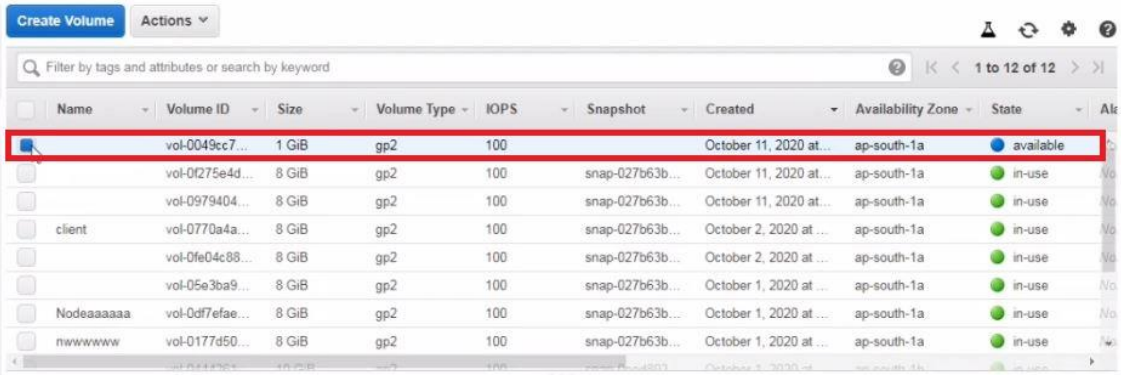
```
C:\Users\Ashish>aws ec2 run-instances --image-id ami-0e306788ff2473ccb --instan
ce-type t2.micro --security-group-ids sg-0c3182a0fa6cc3269 --subnet-id subnet-b
94d42d1 --count 1 --key-name newpass
```



Command for creating EBS volume

Command: aws ec2 create-volume --size 1 --volume-type gp2 --availability-zone ap-south-1a

```
C:\Users\Ashish> aws ec2 create-volume --size 1 --volume-type gp2 --availability
-zone ap-south-1a
```

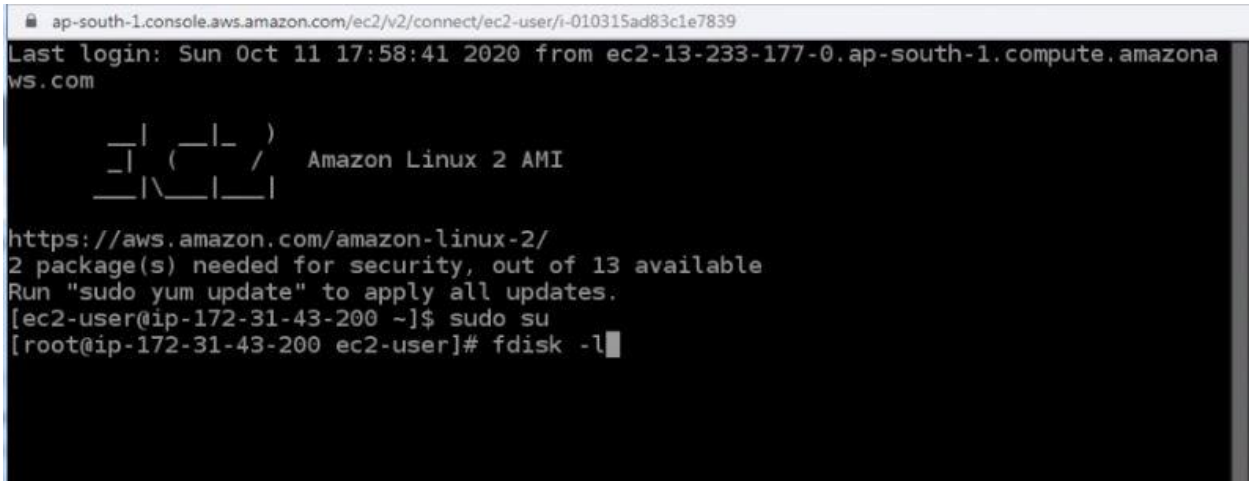


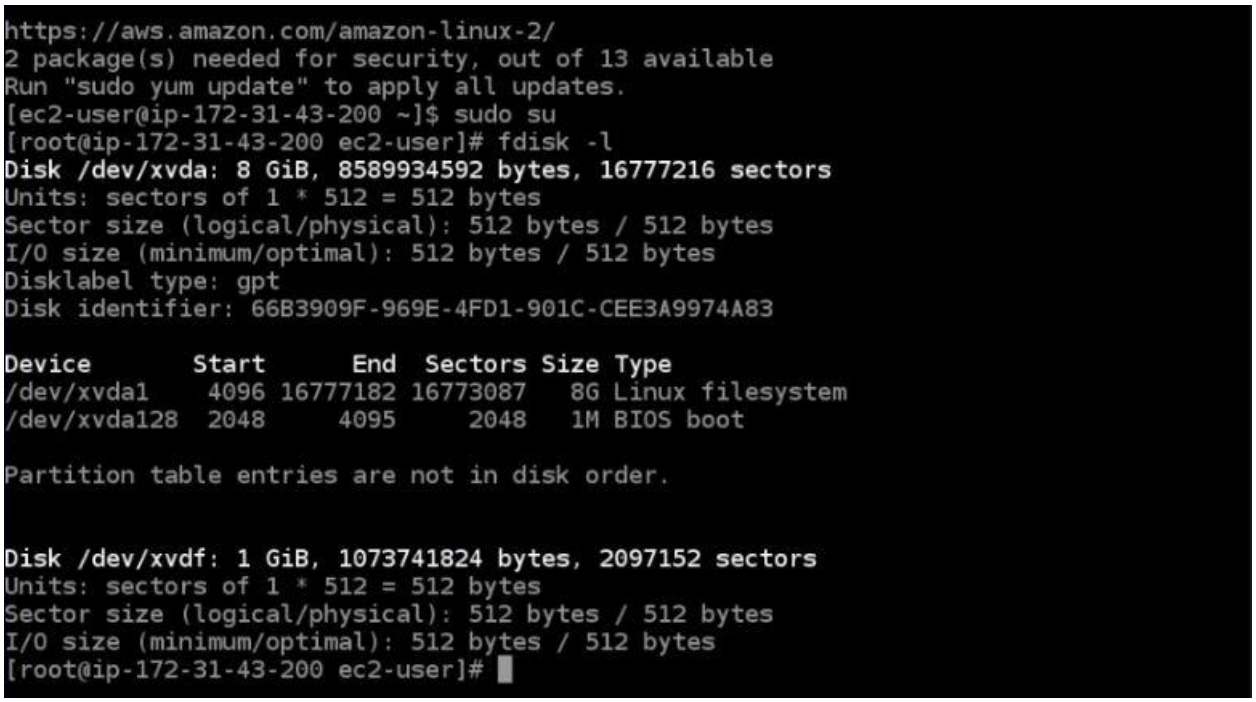
Command for Attaching EBS volume to Running instance

Command: aws ec2 attach-volume --volume-id vol-080008bd824adc663 --instance-id i-0d8291a063a758488 --device /dev/sdf

```
C:\Users\Ashish>aws ec2 attach-volume --volume-id vol-0049cc7ae9bc44306  --insta
nce-id i-010315ad83c1e7839 --device /dev/sdf
```

FINAL OUTPUT





Thanks For Watching :)