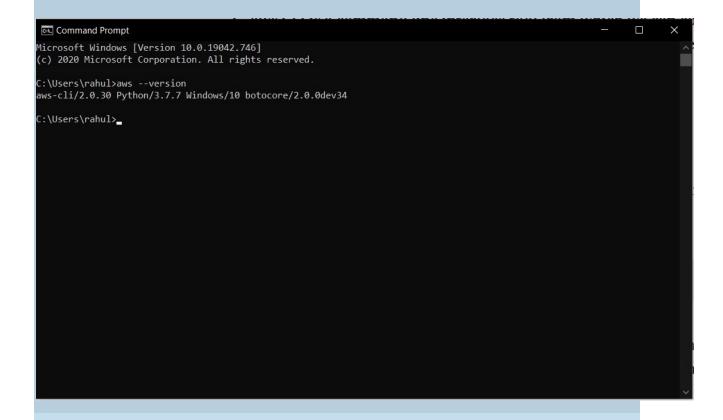
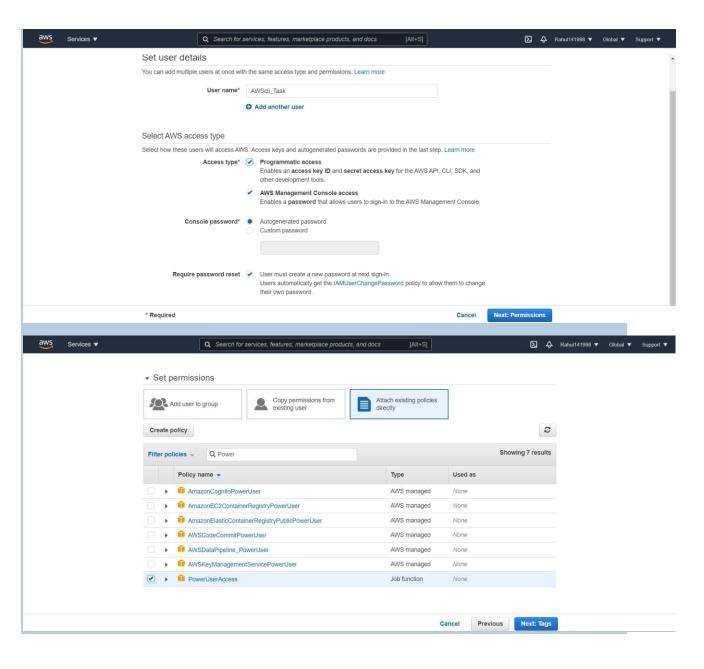
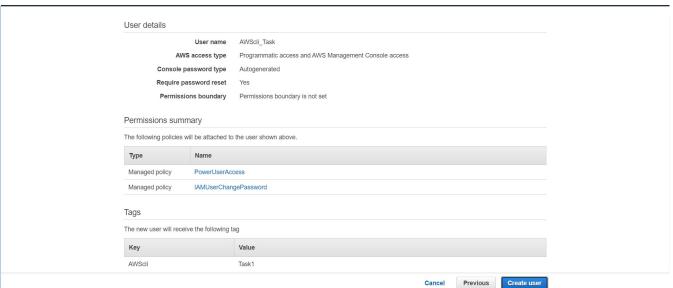
Task 3:AWS Controlling using AWS CLI

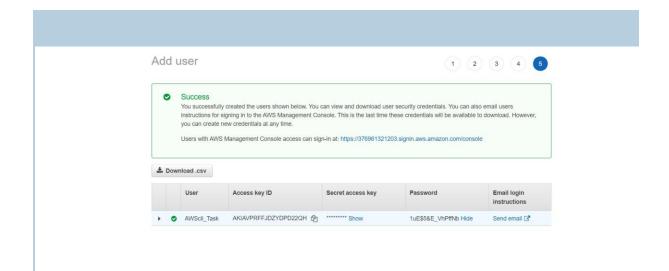
First we need to install the AWS CLI by downloading it from the official amazon website. And check its Version by Using **aws**—**version** command



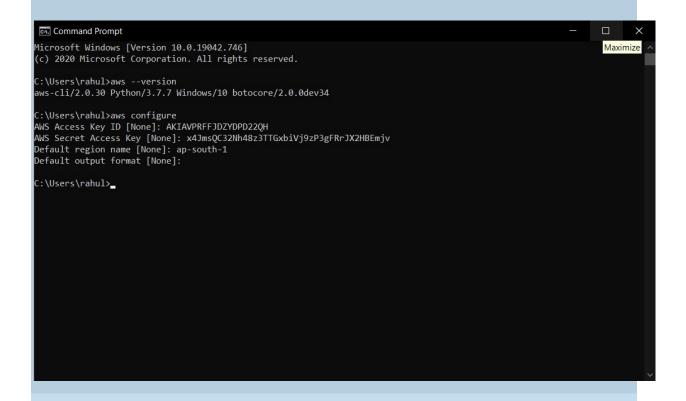
Then we need to Create an IAM user with certain restrictions in its power in the AWS account







The loging in to AWS cli using the details provided by the IAM using **aws configure** command



Creating a Security Group To Control Traffic:

```
Command Prompt

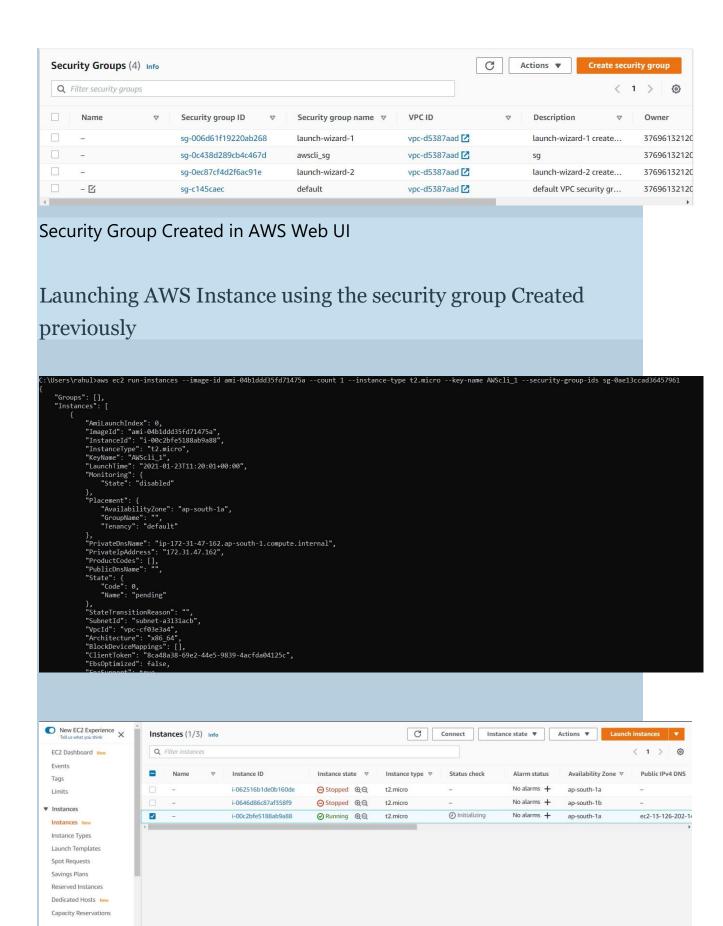
aws: error: the following arguments are required: --group-name

C:\Users\rahul>aws ec2 create-security-group --group-name Cli-sg --description

{

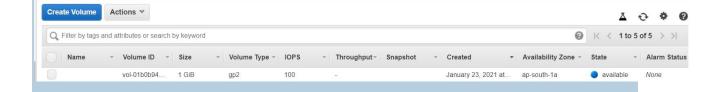
"GroupId": "sg-026efe56f9a441943"
}
```

C:\Users\rahul>aws ec2 authorize-security-group-ingress --group-id sg-026efe50 0.0.0.0/0



Create an Elastic Block Storage

```
C:\Users\rahul> aws ec2 create-volume --volume-type gp2 --size 1 --availability-zone ap-south-1a
{
    "AvailabilityZone": "ap-south-1a",
    "CreateTime": "2021-01-23T11:23:24+00:00",
    "Encrypted": false,
    "Size": 1,
    "SnapshotId": "",
    "State": "creating",
    "VolumeId": "vol-01b0b945abf98dce0",
    "Iops": 100,
    "Tags": [],
    "VolumeType": "gp2",
    "MultiAttachEnabled": false
}
```



Attach it to the EC2 instance

vol-01b0b945abf98dce0

```
:\Users\rahul>aws ec2 attach-volume --volume-id vol-01b0b945abf98dce0 --instance-id i-00c2bfe5188ab9a88 --device /dev/sdf

"AttachTime": "2021-01-23T11:28:45.497000+00:00",

"Device": "/dev/sdf",

"InstanceId": "i-00c2bfe5188ab9a88",

"State": "attaching",

"VolumeId": "vol-01b0b945abf98dce0"
```

January 23, 2021 at... ap-south-1a

in-use

Thus in this way AWS cli can be used to create and control AWS through an IAM user