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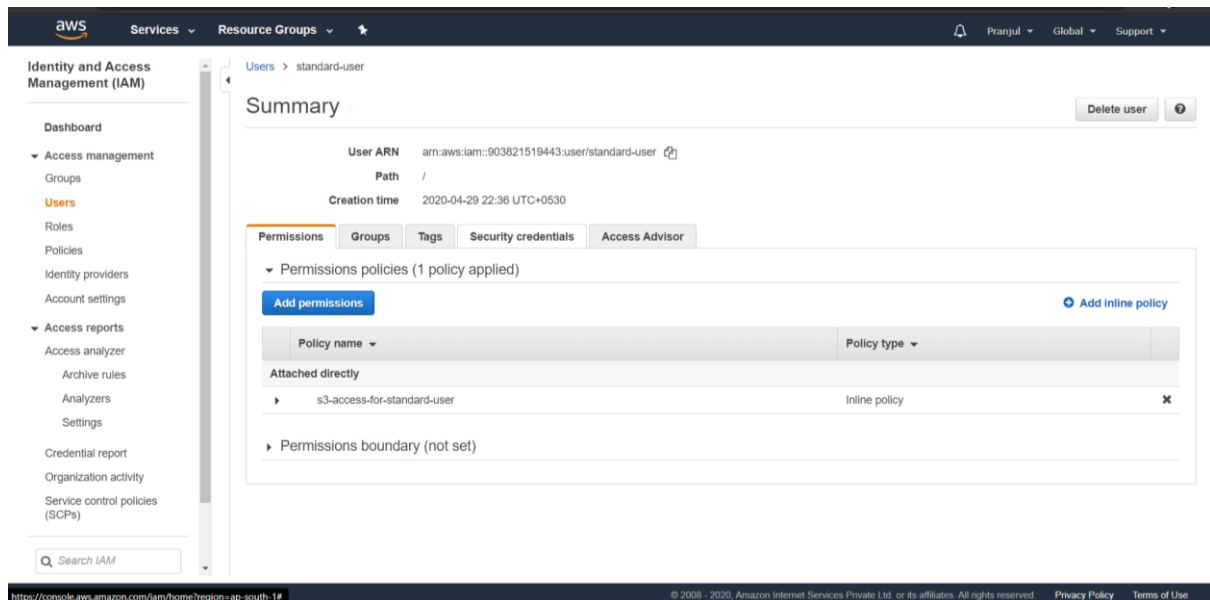
Task-4

AWS CLI

Access your AWS account from linux terminal or windows command prompt / power shell and perform following task. Launch one instance with one free tier AMI on a free tier instance type and take its remote access (ssh/remote access).

Steps-

1- Login to AWS Console
2- Go to IAM service > users > create user
3- After creating user click on create access key. Download .csv file and remember the access key id and secrete access key.

4- Now, go to command prompt > Run as administrator

5- After opening command prompt run the following commands-

aws –version

aws configure

AWS Access Key ID: AKIAIXD2QEIMIJIV3TMA

AWS Secret Access Key: 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

Default region name: us-east-1

Default output format: json

aws ec2 run-instances --image-id ami-09d8b5222f2b93bf0 --count 1 --instance-type t2.micro --key-name test --security-group-ids sg-063664c35bb3eef5c --subnet-id subnet-471f8f79

aws ec2 create-tags --resources i-014f1fe0e0c0e6893 --tags key=Name, Value=MyEC2fromCLI
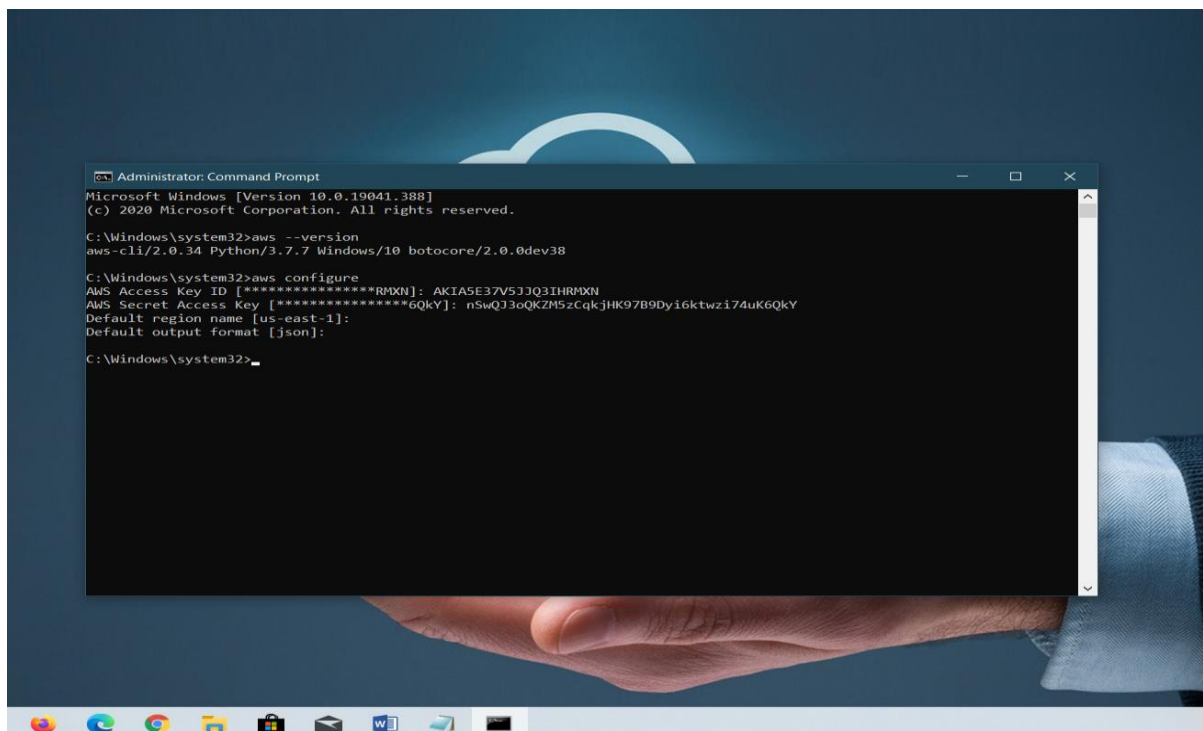
```
C:\WINDOWS\system32>aws ec2 run-instances --image-id ami-09d8b5222f2b93bf0 --count 1 --instance-type t2.micro --key-name test  --security-group-ids sg-063664c35bb3eef5c --subnet-id subnet-471f8f79
{
    "Groups": [],
    "Instances": [
        {
            "AmiLaunchIndex": 0,
            "ImageId": "ami-09d8b5222f2b93bf0",
            "InstanceId": "i-014f1fe0e0c0e6893",
            "InstanceType": "t2.micro",
            "KeyName": "test",
            "LaunchTime": "2020-07-28T05:44:01+00:00",
            "Monitoring": {
                "State": "disabled"
            },
            "Placement": {
                "AvailabilityZone": "us-east-1e",
                "GroupName": "",
                "Tenancy": "default"
            },
            "PrivateDnsName": "ip-172-31-78-240.ec2.internal",
            "PrivateIpAddress": "172.31.78.240",
            "ProductCodes": [],
            "PublicDnsName": "",
            "State": {
                "Code": 0,
                "Name": "pending"
```

```
Unknown parameter in Tags[0]: "key", must be one of: Key, Value

C:\WINDOWS\system32>aws ec2 create-tags --resources i-014f1fe0e0c0e6893 --tags Key=Name,Value=MyEC2fromCLI


C:\WINDOWS\system32>
```

Launch Instance | Connect | Actions

Q Filter by tags and attributes or search by keyword

1 to 2 of 2

	Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	IPv6 IPs	Key Name
■	MyEC2fromCLI	i-014f1fe0e0c0e6893	t2.micro	us-east-1e	● running	✓ 2/2 checks ...	None	ec2-54-227-200-217.co...	54.227.200.217	-	test
		i-024fb19a40c51ab43	t2.micro	us-east-1e	● running	✓ 2/2 checks ...	None	ec2-34-203-201-209.co...	34.203.201.209	-	test

Instance: | i-014f1fe0e0c0e6893 (MyEC2fromCLI)   Public DNS: ec2-54-227-200-217.compute-1.amazonaws.com

Description | Status Checks | Monitoring | Tags

Instance ID   i-014f1fe0e0c0e6893
Instance state   running
Instance type   t2.micro
Finding   Opt-in to AWS Compute Optimizer for recommendations. Learn more
Private DNS   ip-172-31-78-240.ec2.internal
Private IPs   172.31.78.240

Public DNS (IPv4)   ec2-54-227-200-217.compute-1.amazonaws.com
IPv4 Public IP   54.227.200.217
IPv6 IPs   -
Elastic IPs
Availability zone   us-east-1e
Security groups   launch-wizard-1. view inbound rules. view outbound rules