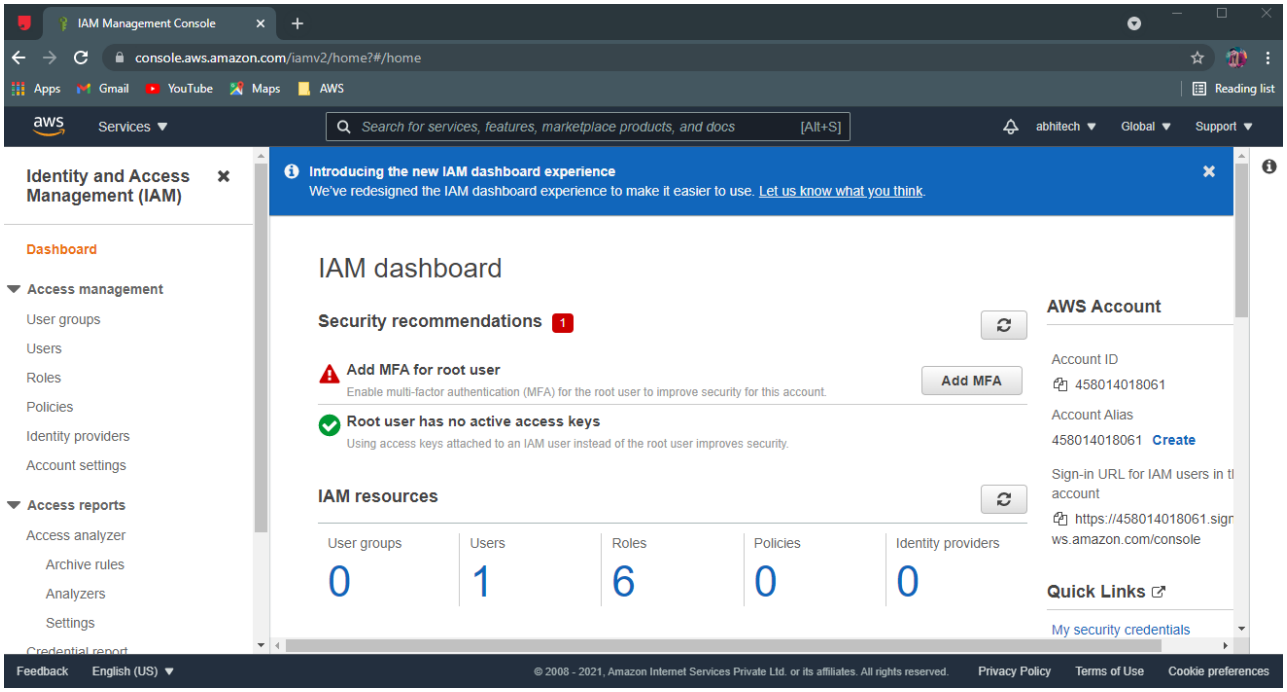
Assignment 1

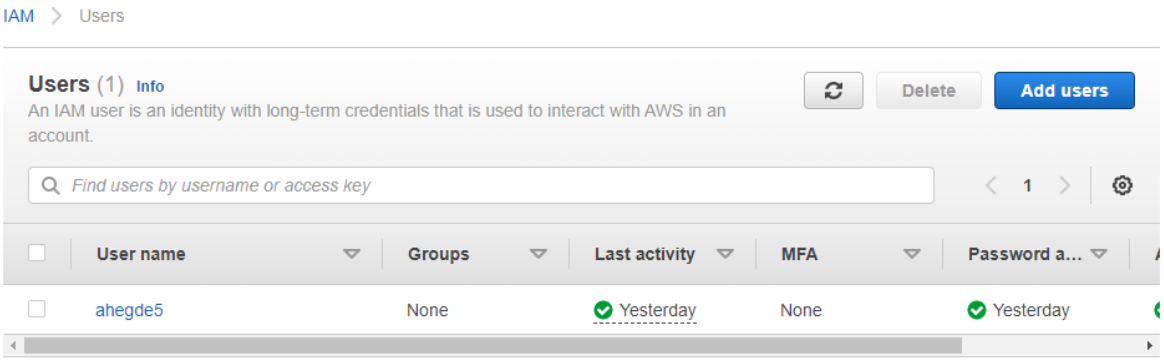
Working with IAM

1. Create an IAM user

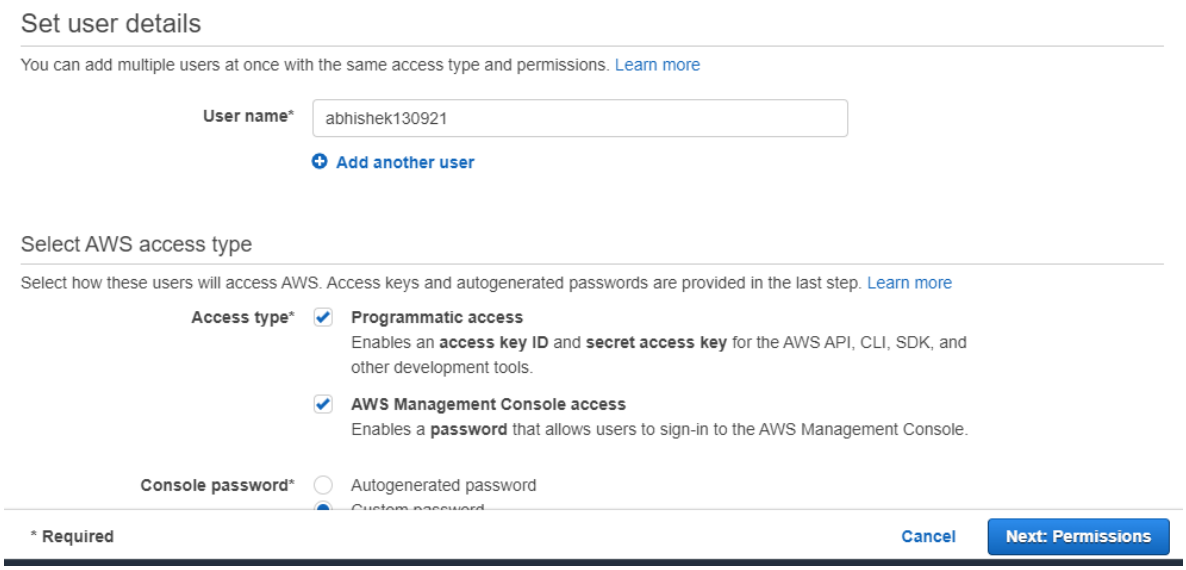
a.



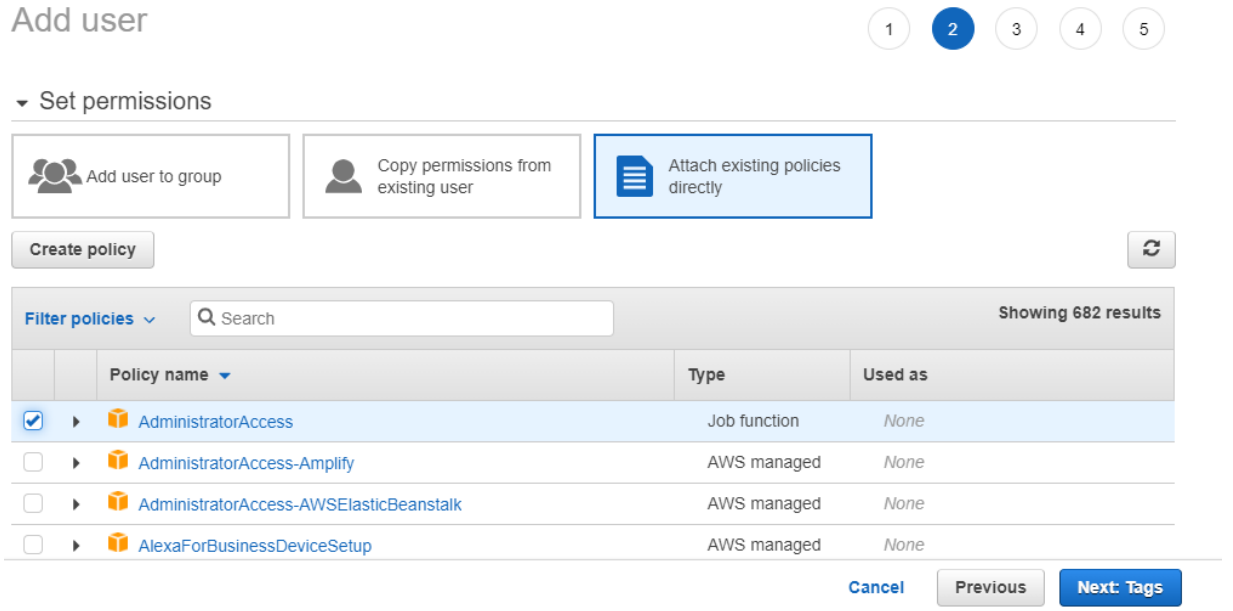
b.



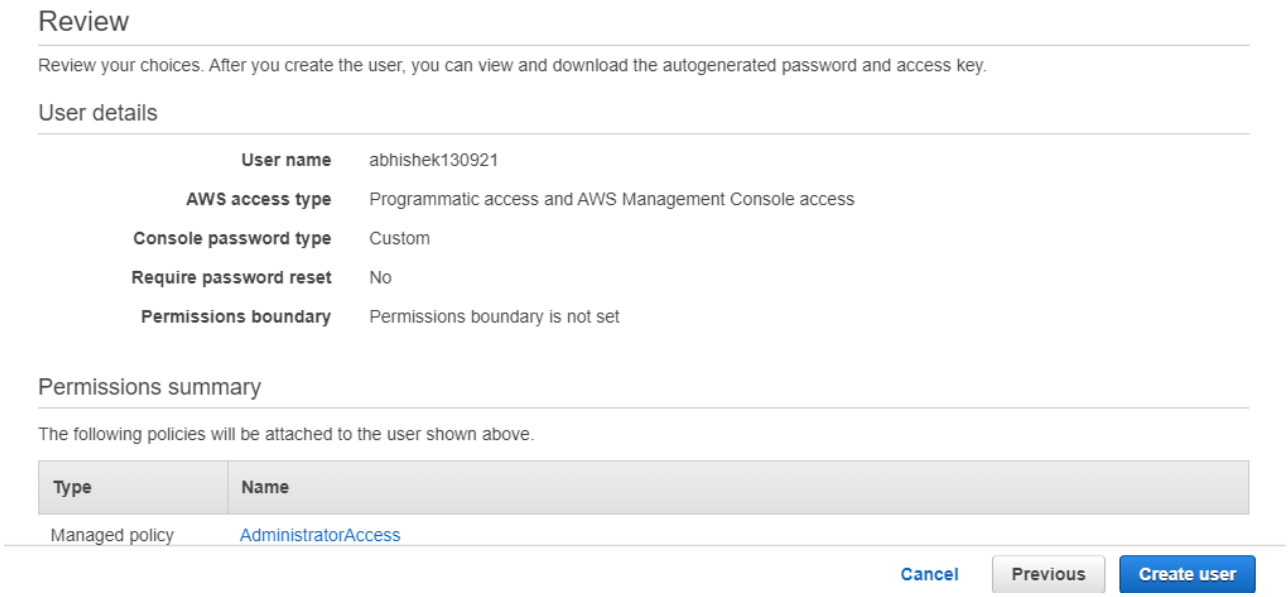
c.



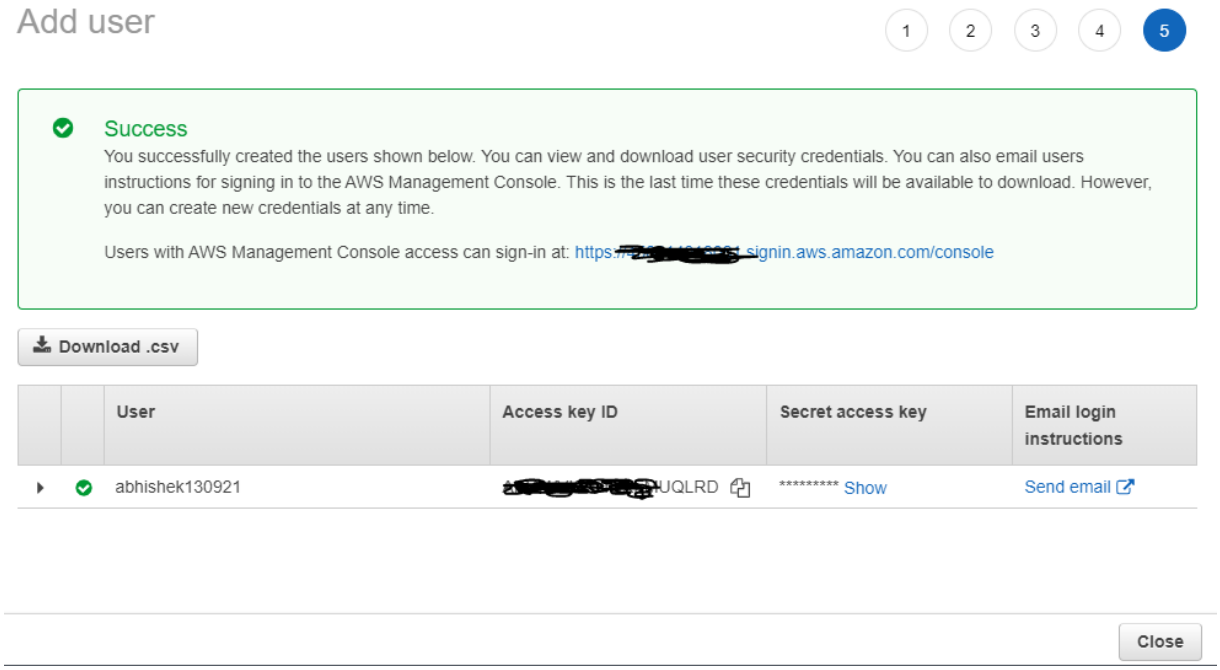
d.


Add user
1 2 3 4 5
Set permissions
Add user to group
Copy permissions from existing user
Attach existing policies directly
Create policy
Filter policies
Search
Showing 682 results
Policy name
Type
Used as
AdministratorAccess
Job function
None
AdministratorAccess-Amplify
AWS managed
None
AdministratorAccess-AWSElasticBeanstalk
AWS managed
None
AlexaForBusinessDeviceSetup
AWS managed
None
Cancel
Previous
Next: Tags

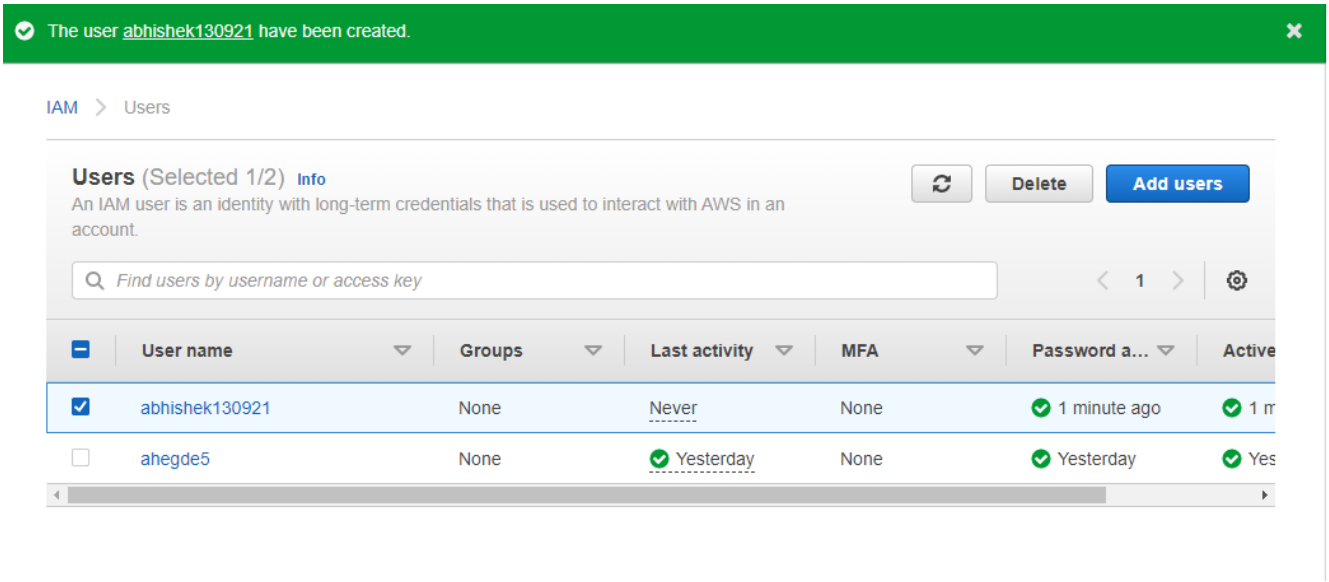
e.


Review
Review your choices. After you create the user, you can view and download the autogenerated password and access key.
User details
User name
abhishek130921
AWS access type
Programmatic access and AWS Management Console access
Console password type
Custom
Require password reset
No
Permissions boundary
Permissions boundary is not set
Permissions summary
The following policies will be attached to the user shown above.
Type
Name
Managed policy
AdministratorAccess
Cancel
Previous
Create user

f.


Add user
1 2 3 4 5
Success
You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.
Users with AWS Management Console access can sign-in at: https://[redacted].signin.aws.amazon.com/console
Download .csv
User
Access key ID
Secret access key
Email login instructions
abhishek130921
[redacted]UQLRD
******** Show
Send email
Close

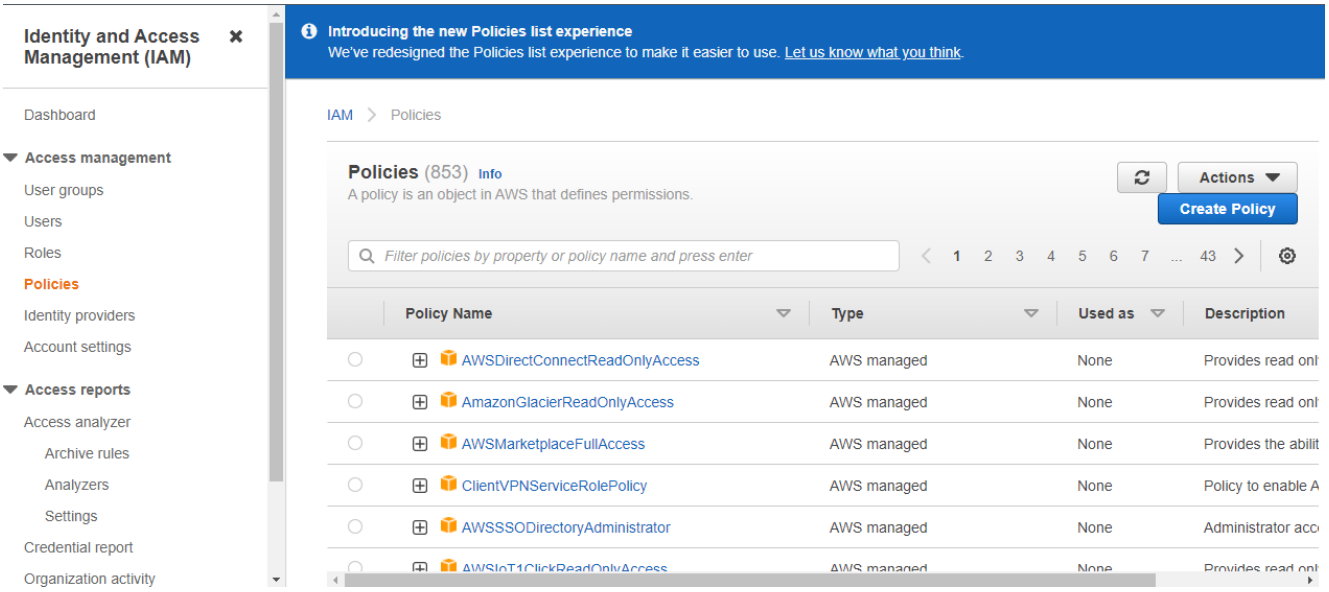
g.



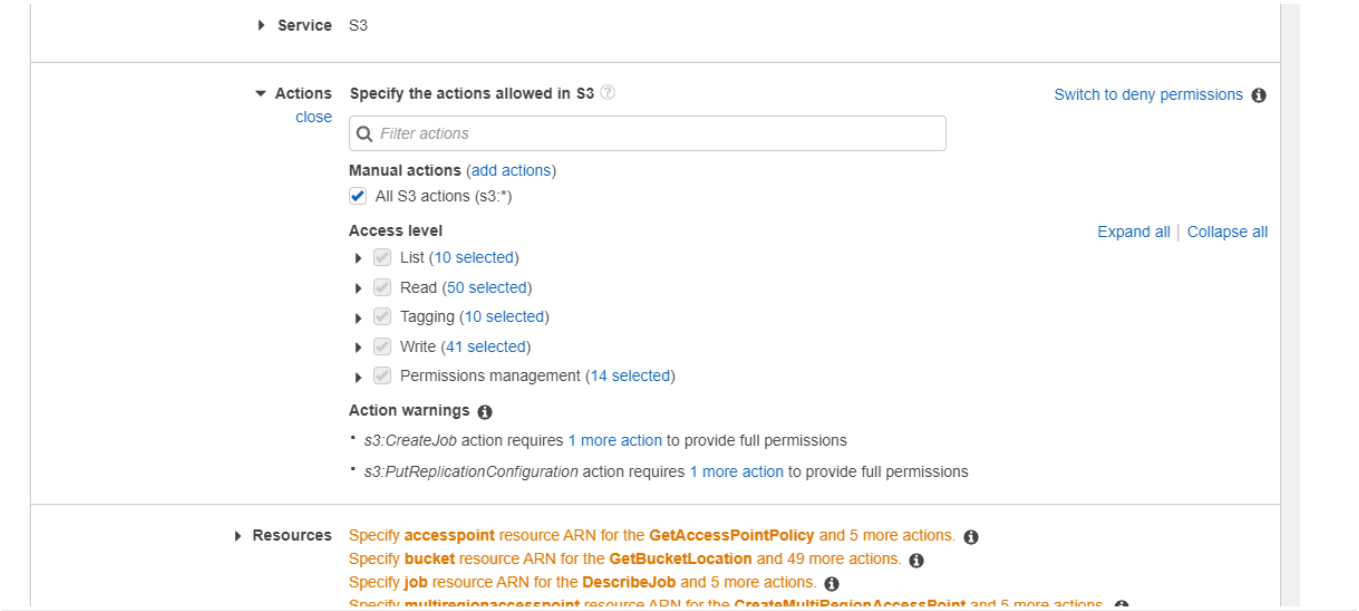
2.

Attach an AWS managed policy (S3 full access)

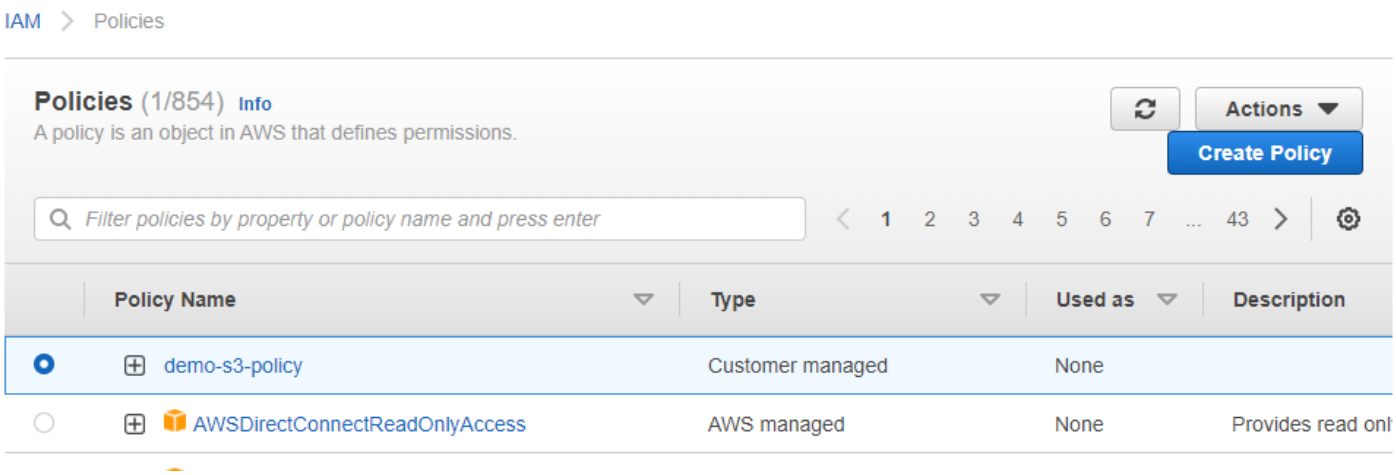
a.



b.



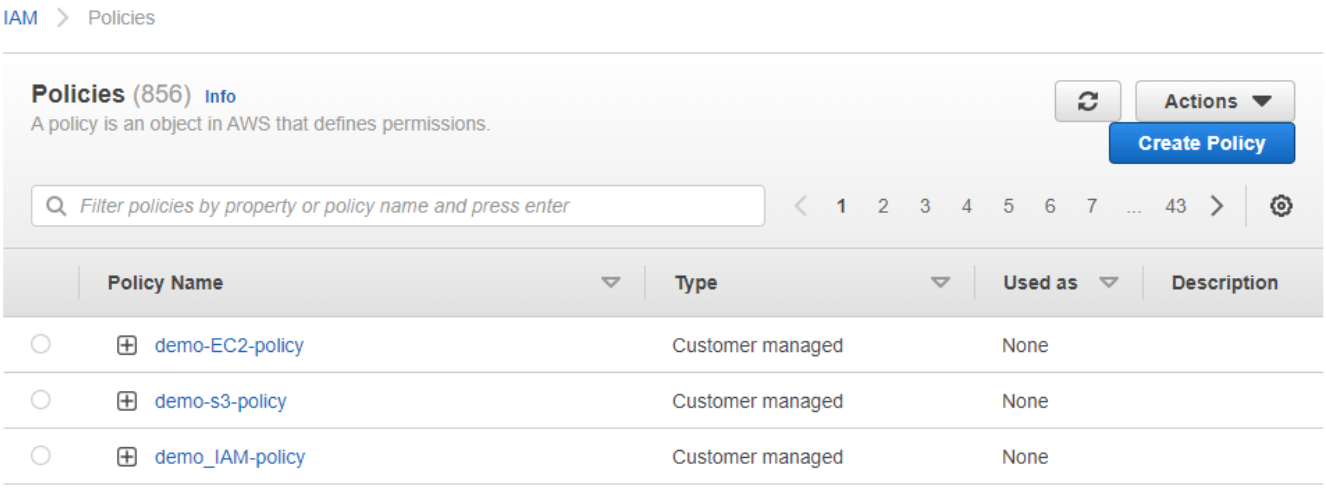
c.



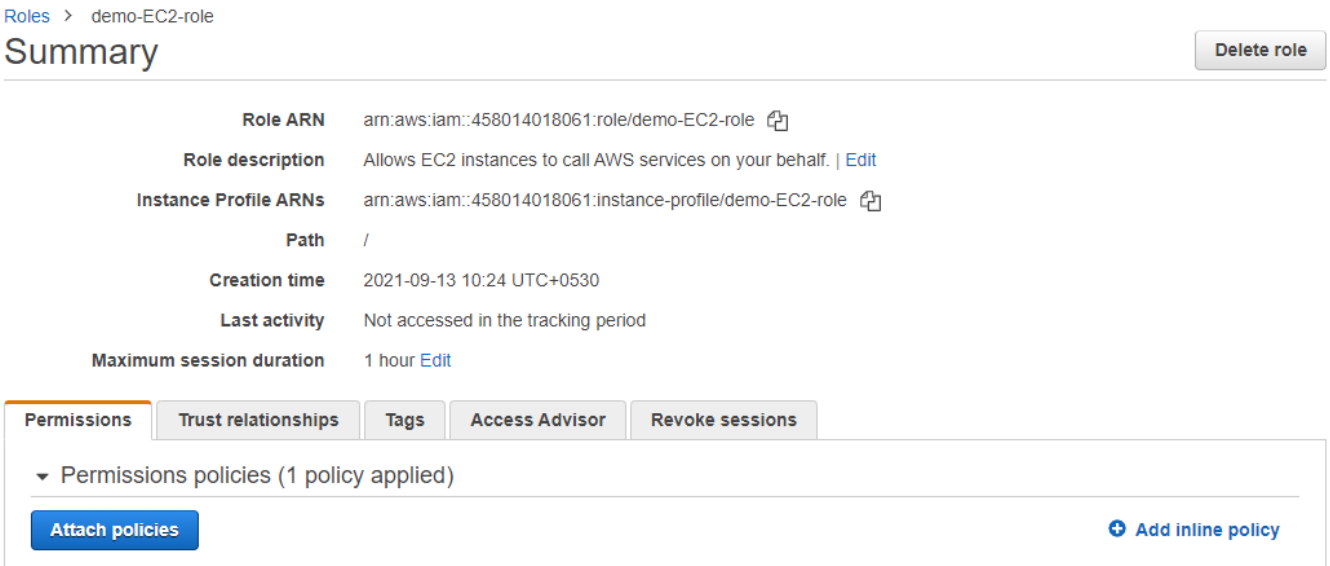
3.

Login as IAM user and show that policy is applied. (S3 EC2,IAM)

a.



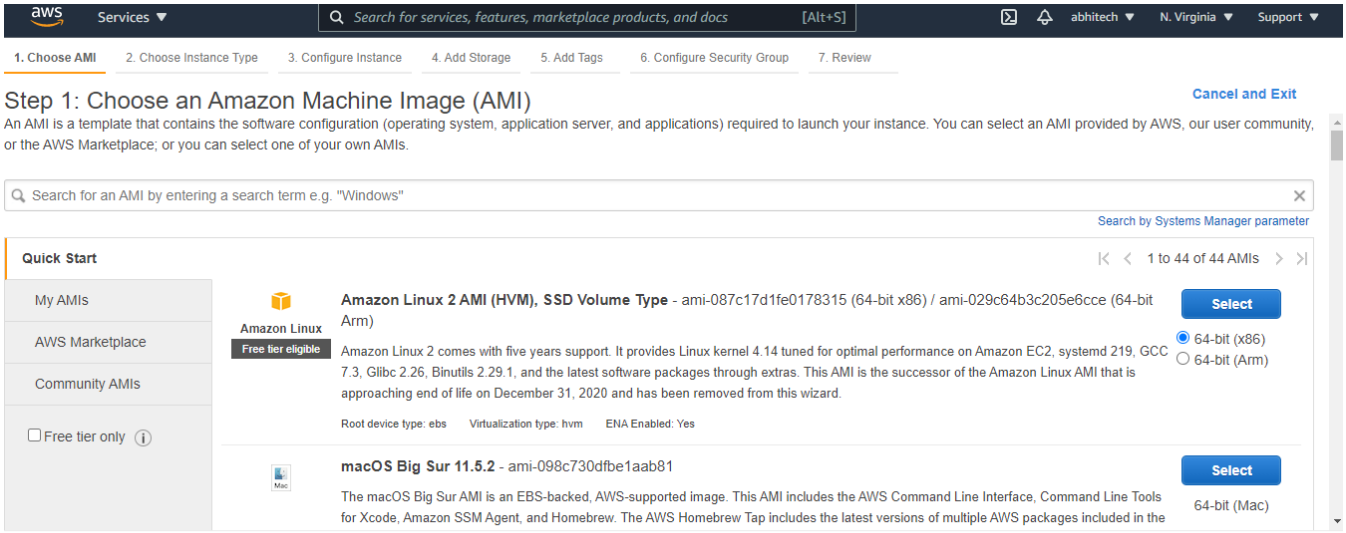
b. Roles,ec2



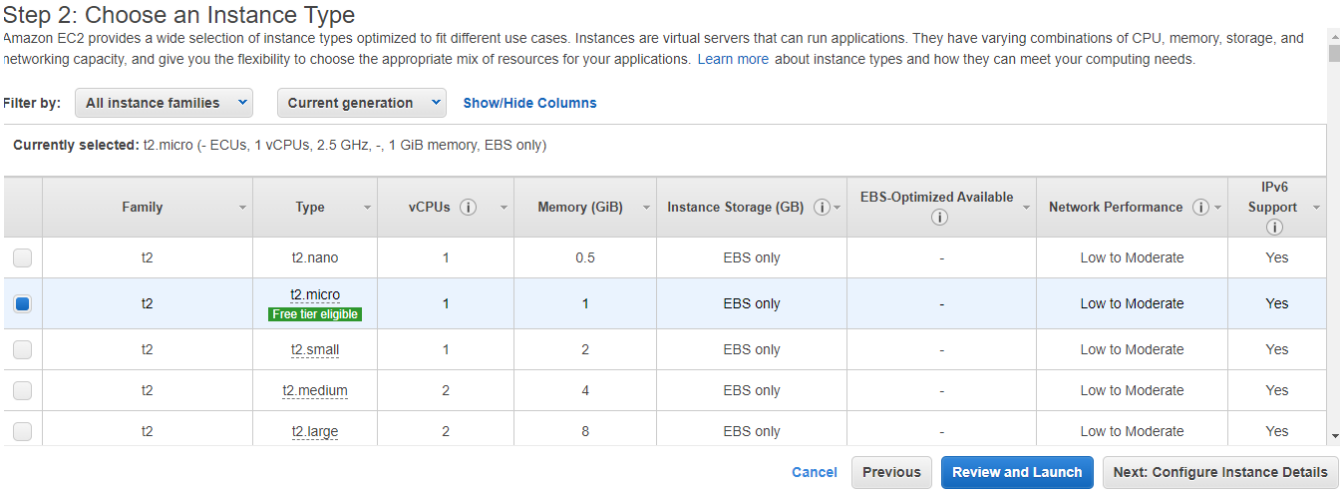
Assignment 2

1. Working with EC2 instances / create a EC2 instance

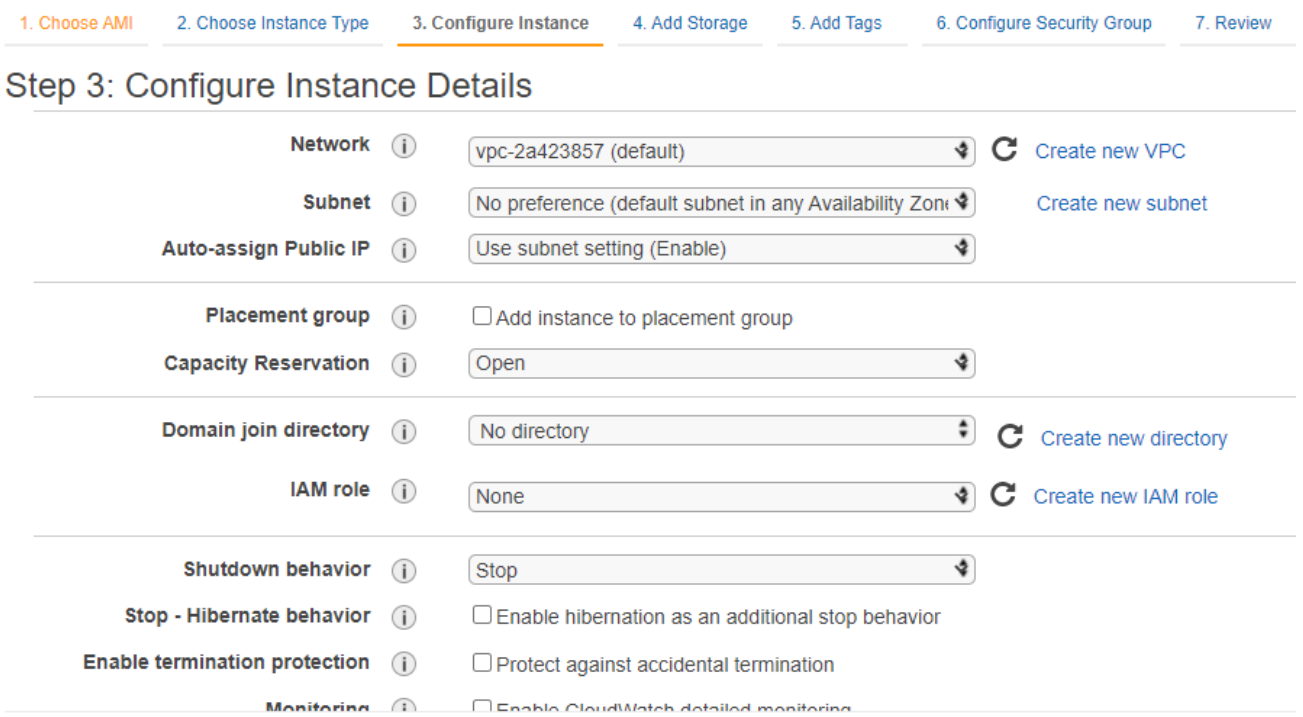
a.



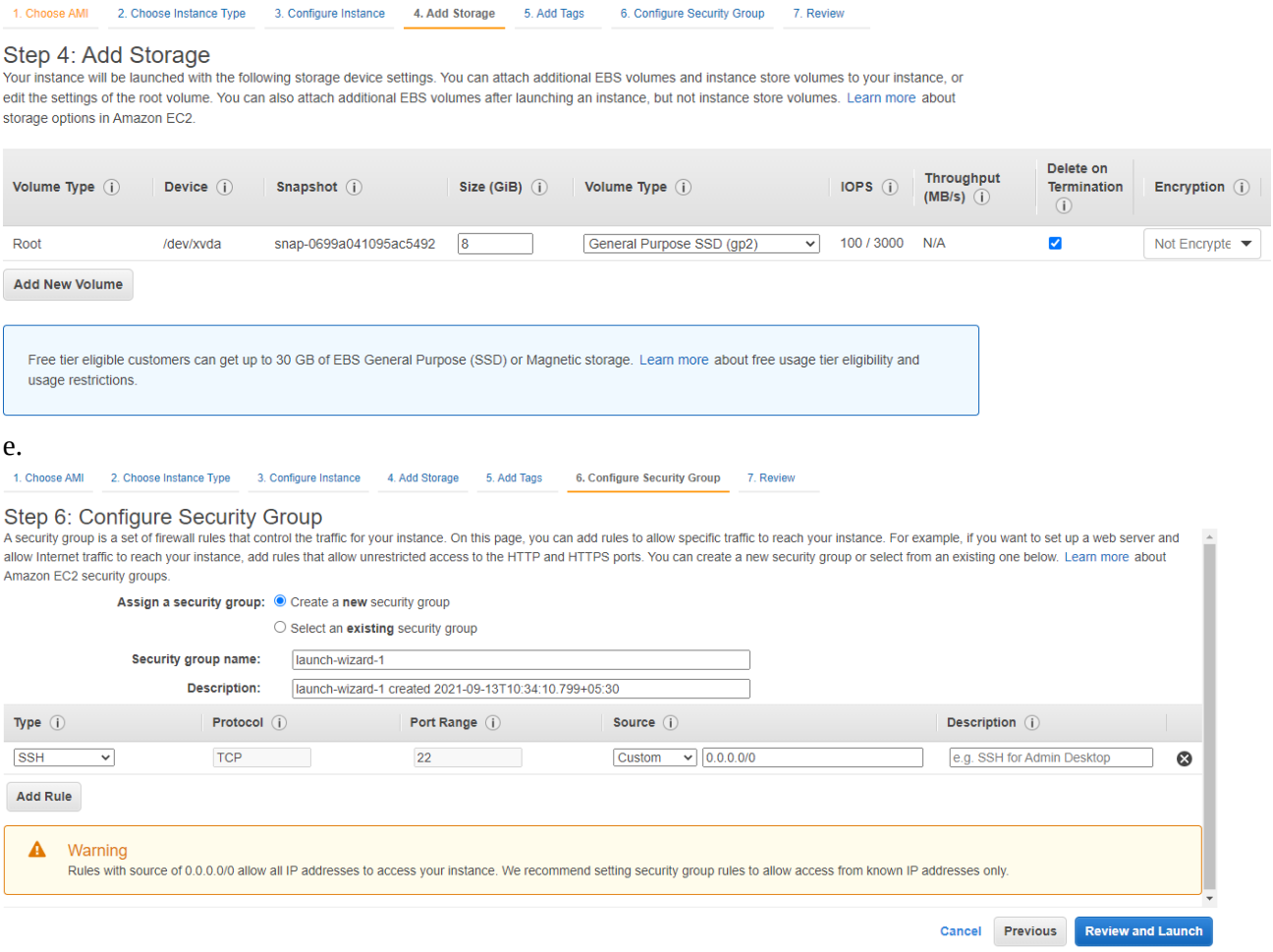
b.



c.

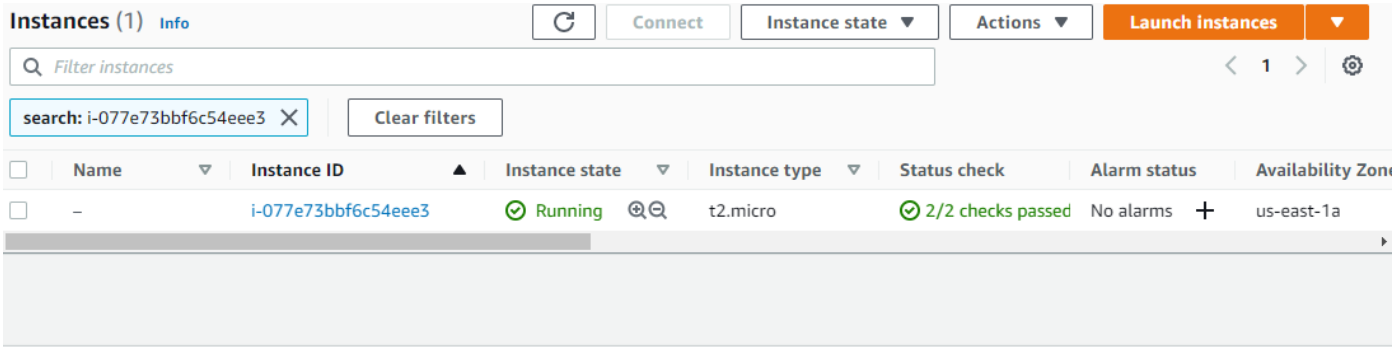


d.

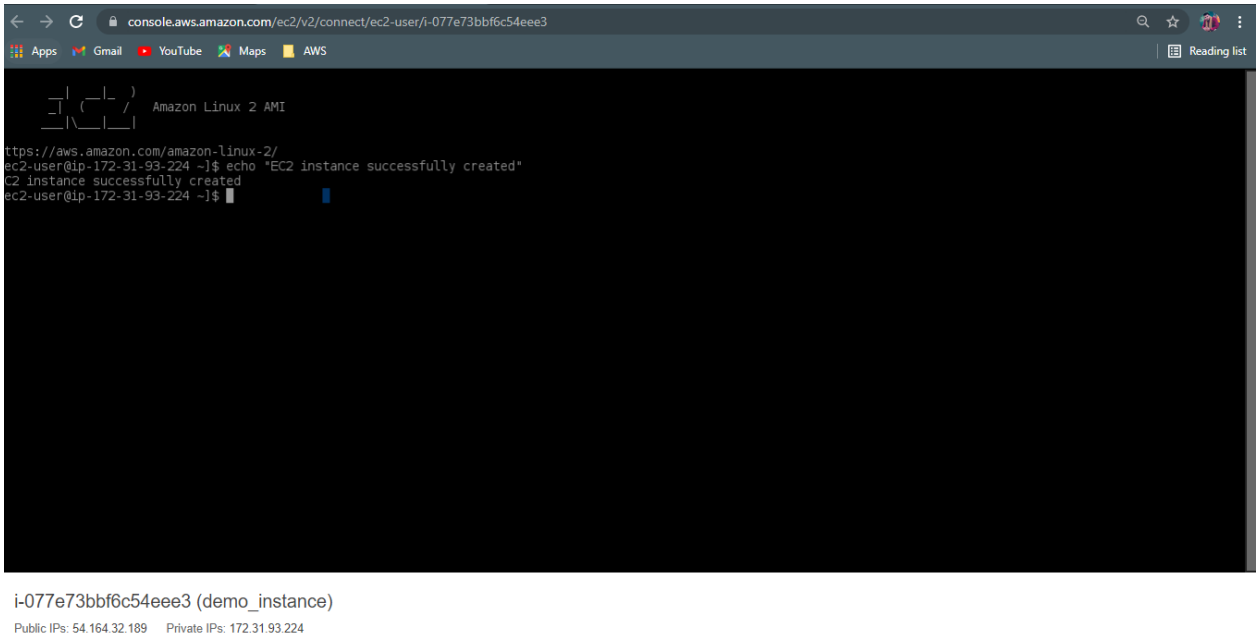


e.

f.



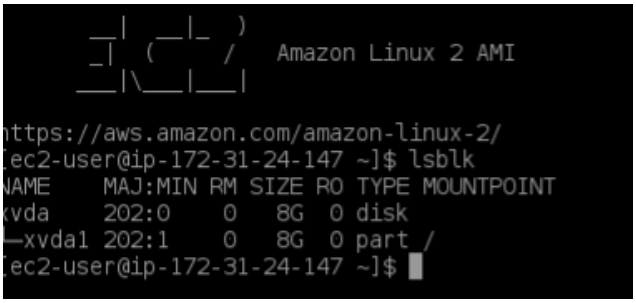
2. connect to the instance



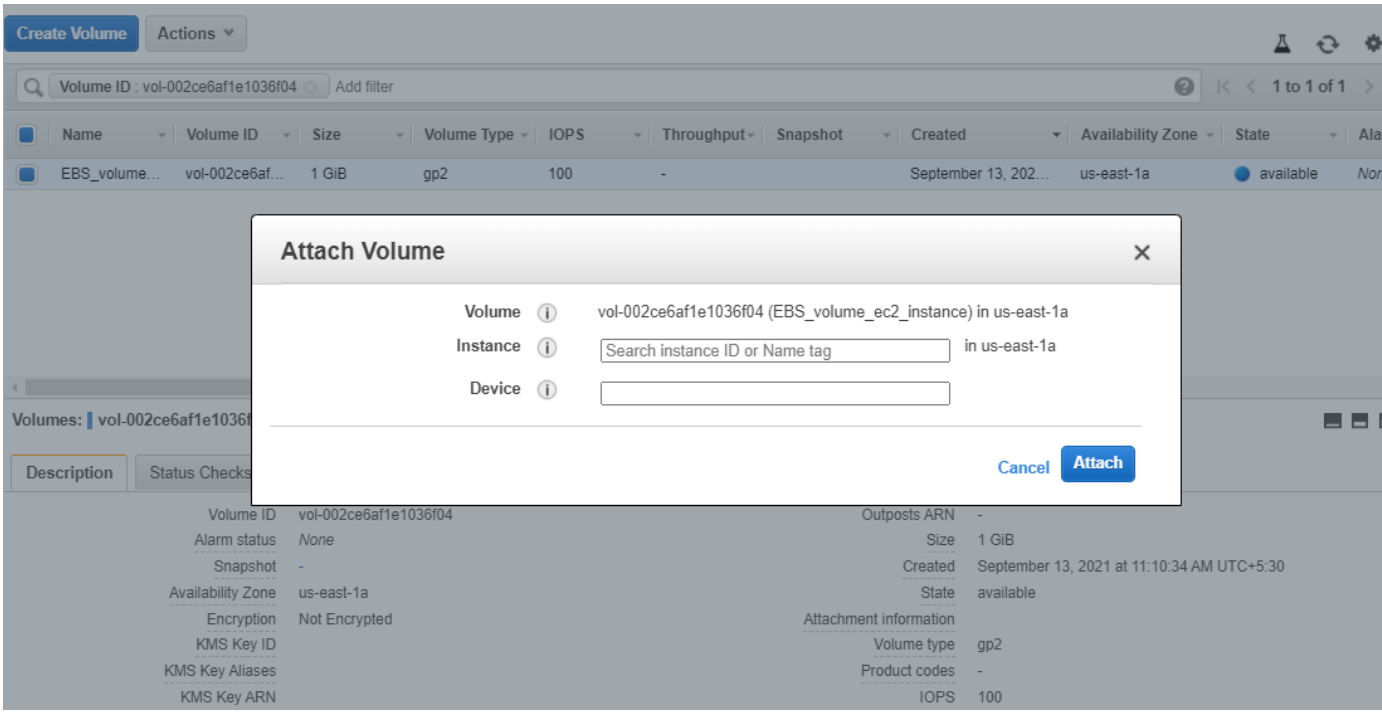
Assignment 3

1. **Working with EBS volume**
   Create an EBS volume and attach to an EC2 instance

a.



b.

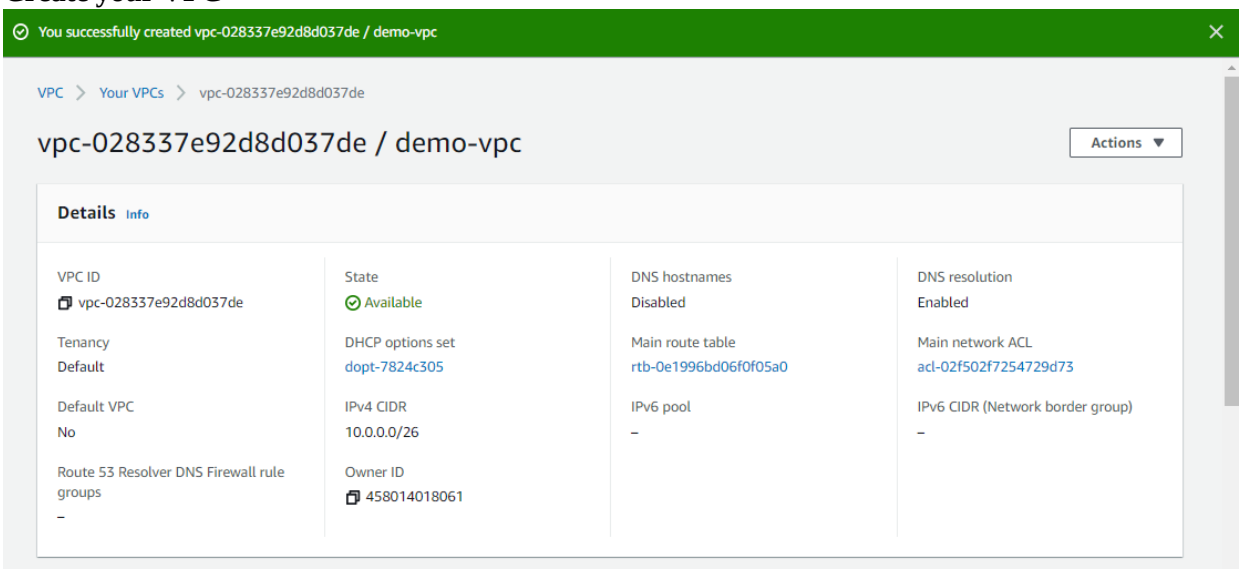


c.

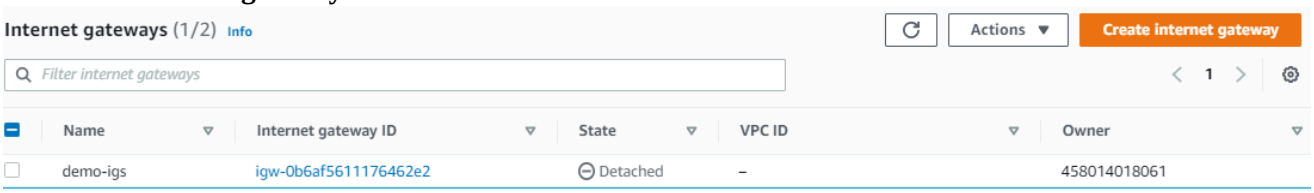
Assignment 4

1. **Working with VPC volume**

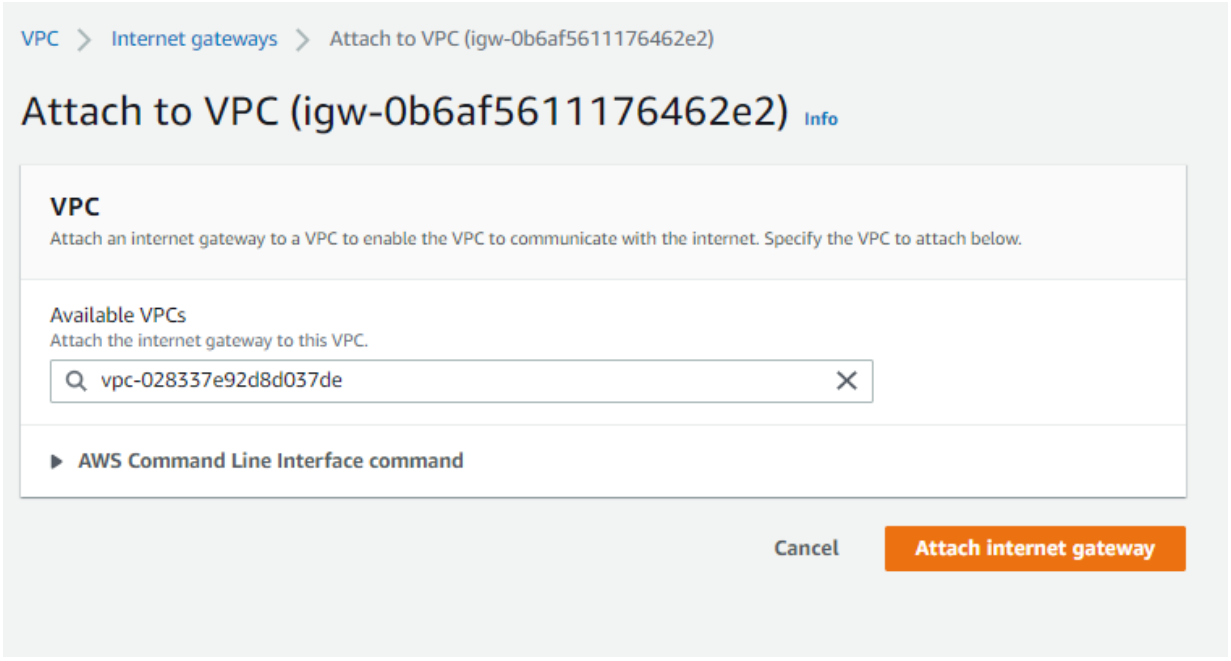
Create your VPC



2. **Create an internet gateway**

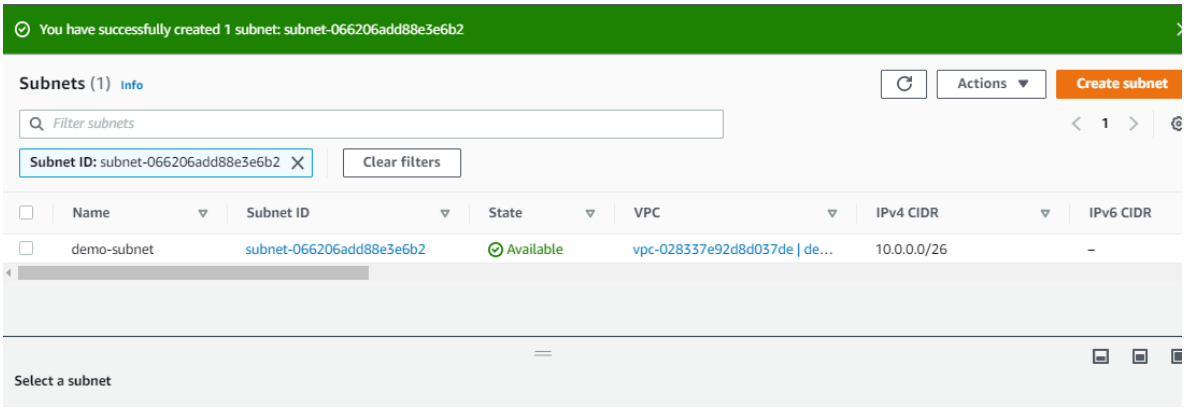


3.



4. **Create a subnet-enable auto assign public IP**

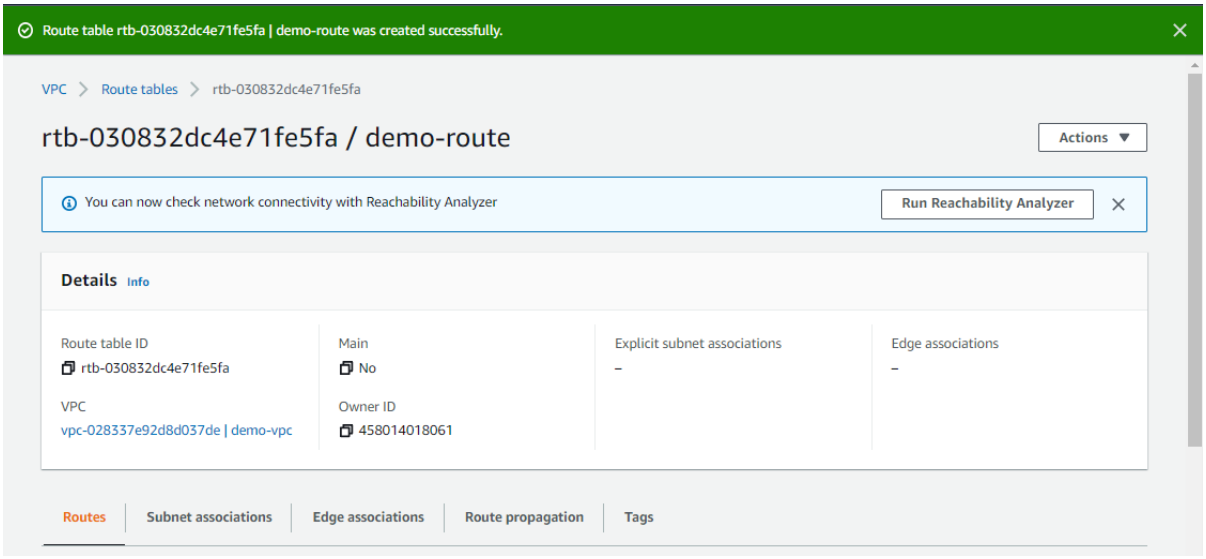
a.



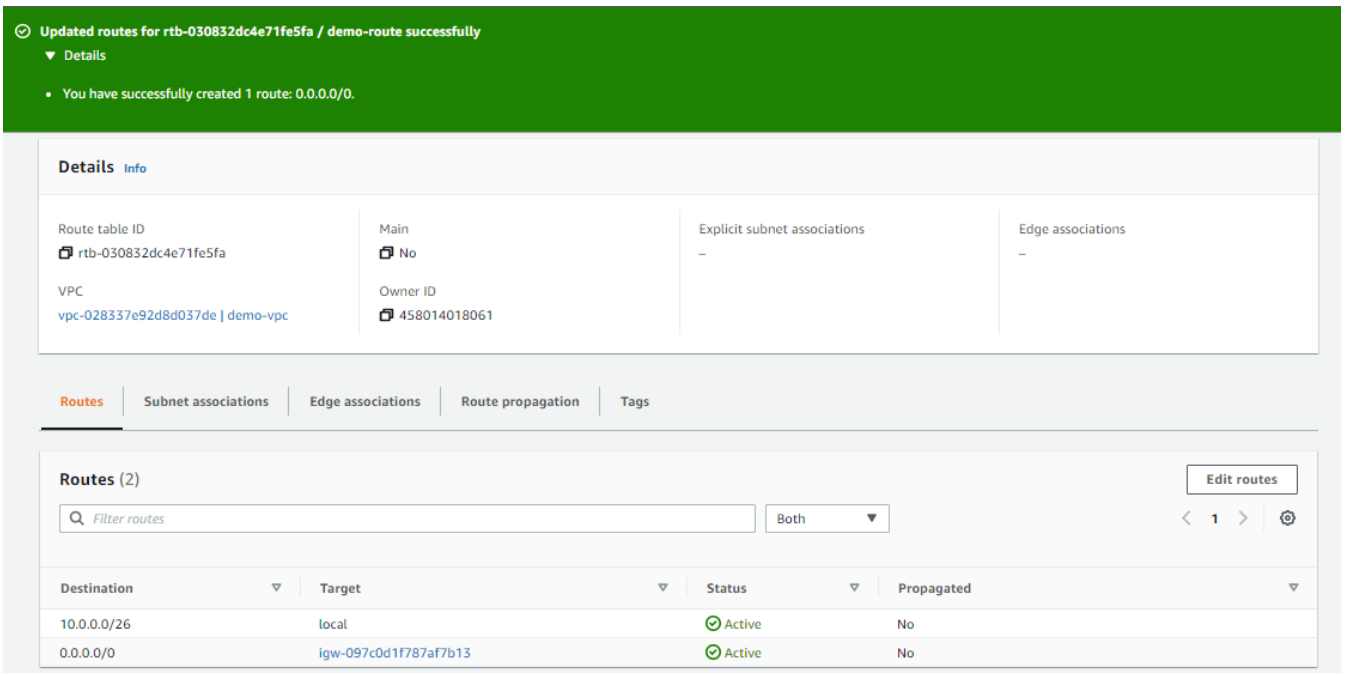
b.

5. Create a route table-make it the main route table-add a route entry to IGW

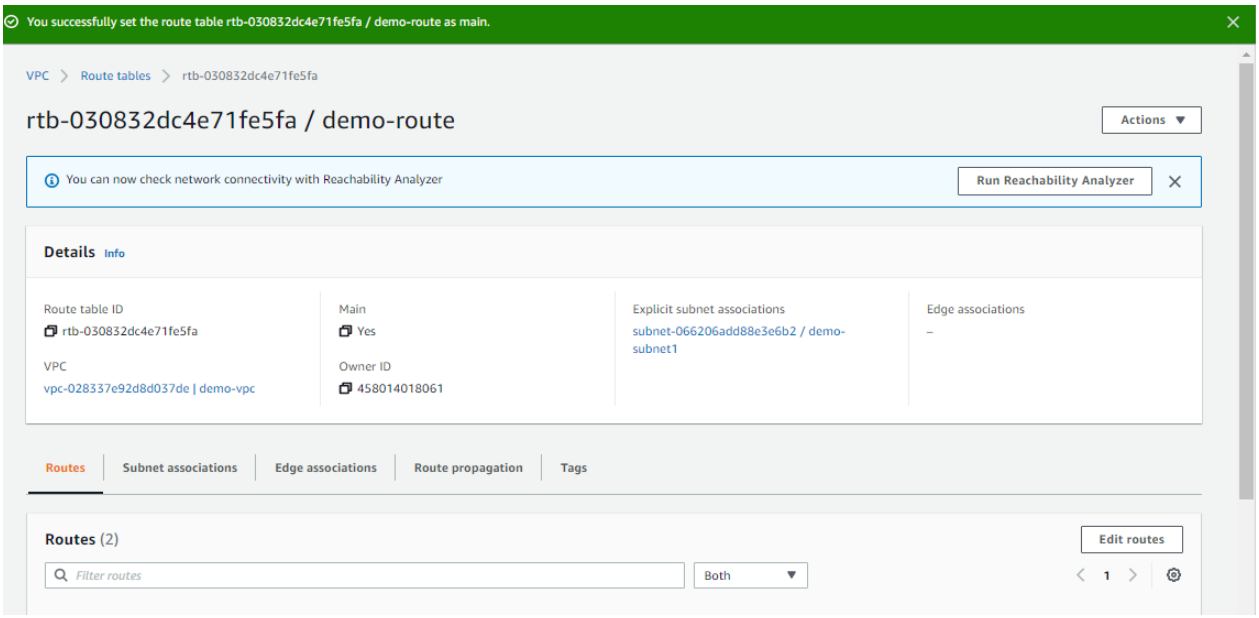
a.



b.



c.



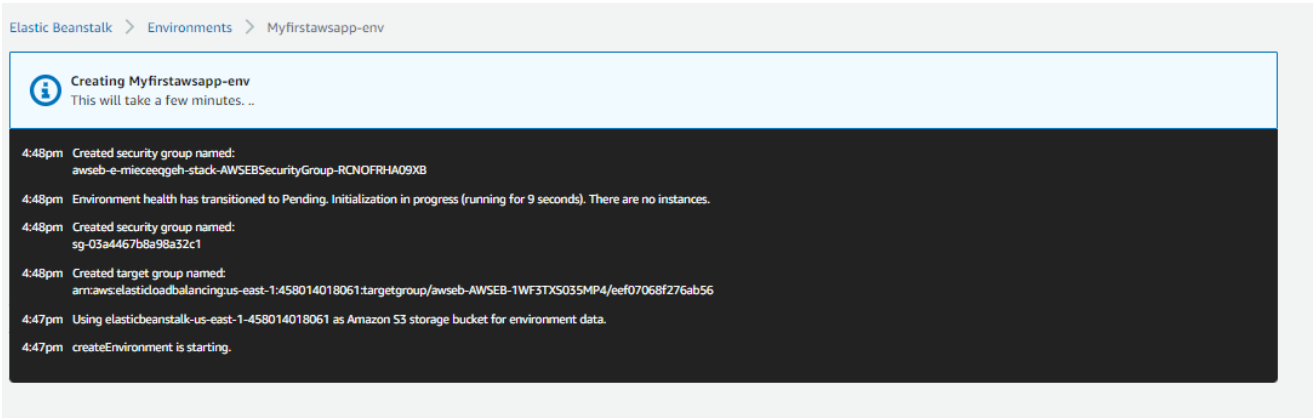
6. Launch an instance in custom VPC

Assignment 5

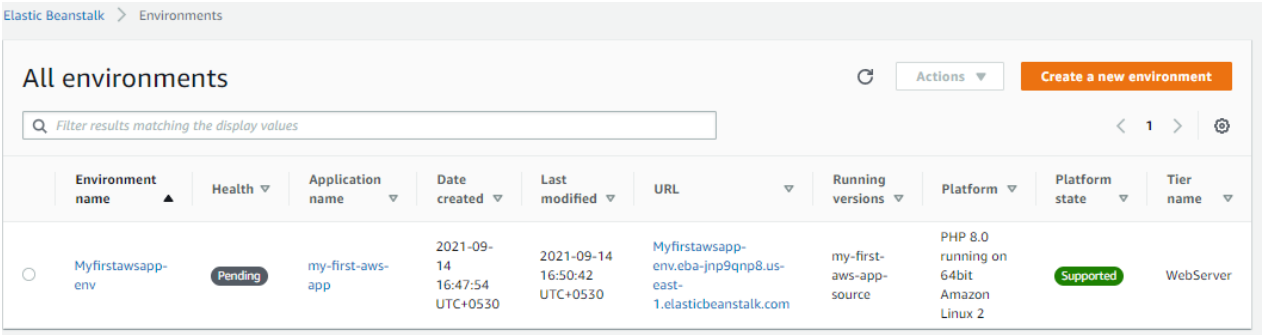
1. Deploying a sample application on elastic beanstalk

Create an application

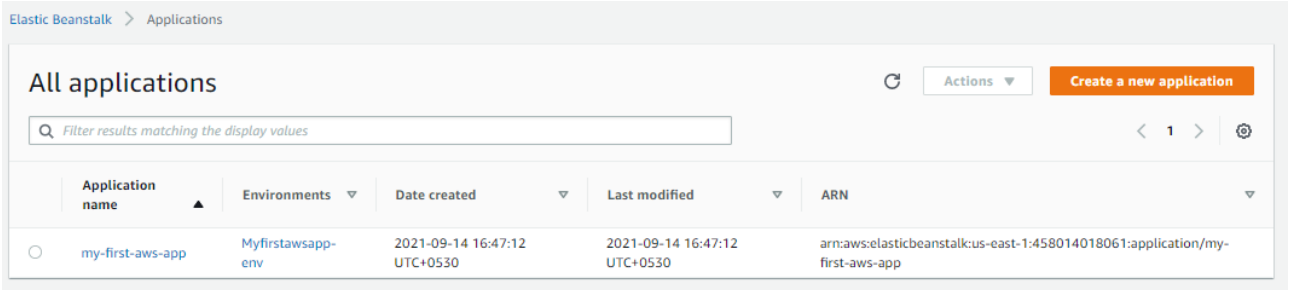
a.



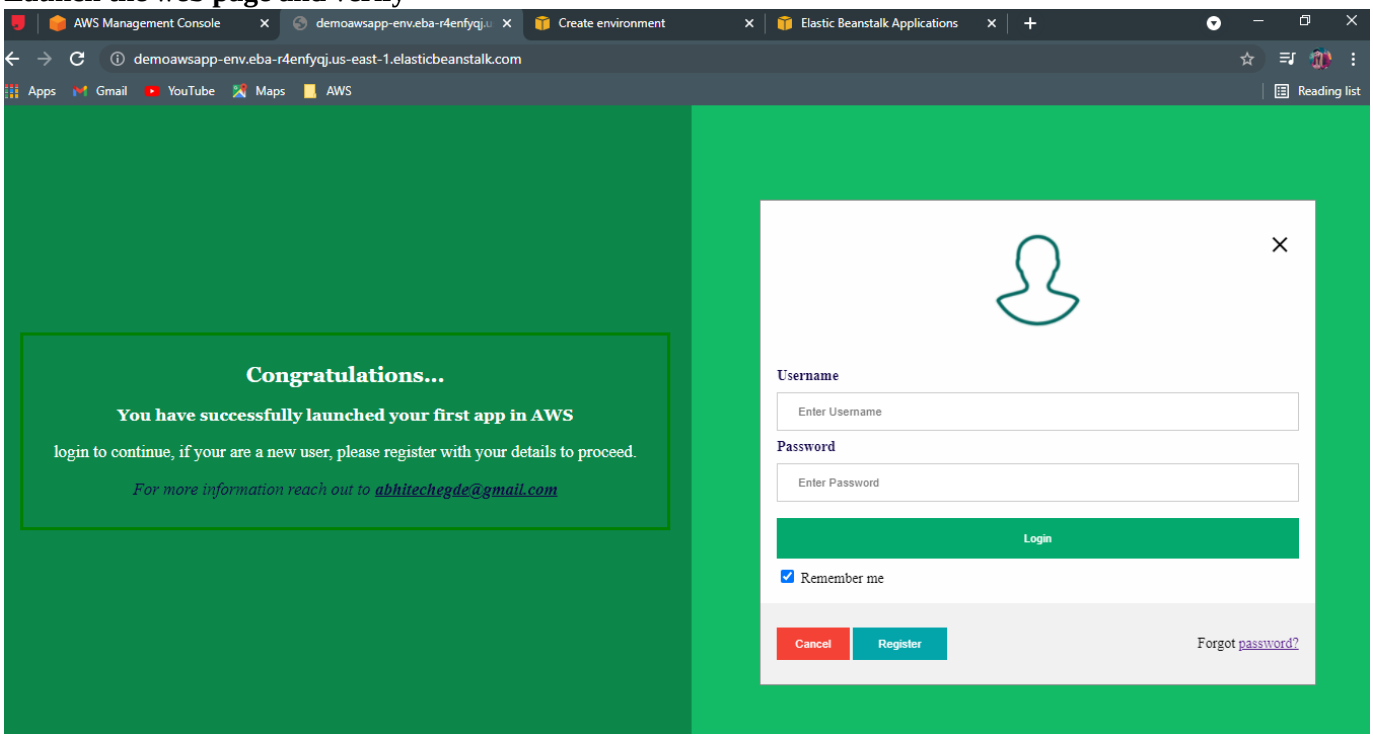
b.



c.



2. Launch the web page and verify



Note: In the previous app for bad gateway error. Created new app and deployed, its working good.

Also, I have done all the based on the understanding of the concepts and the question asked, if anything is wrong please don't mind.

Feedback: the 2 day course was really good, I learnt a lot, and got my interests here in AWS, may be the certificate will motivate me more to learn and upgrade.