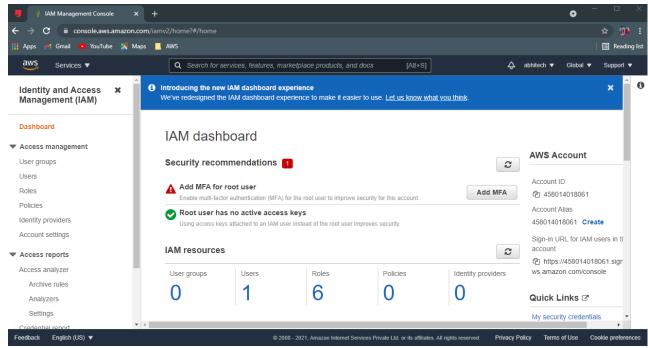
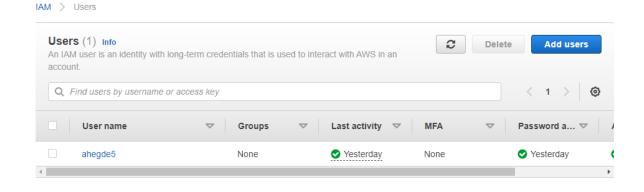
Working with IAM

1. Create an IAM user

a



b.



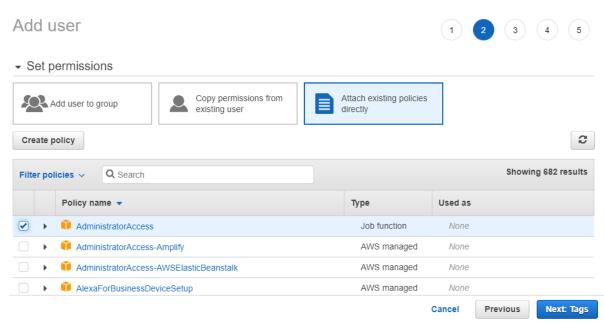
c.

Set user details You can add multiple users at once with the same access type and permissions. Learn more User name* abhishek130921 ◆ Add another user Select AWS access type Select how these users will access AWS. Access keys and autogenerated passwords are provided in the last step. Learn more Access type* Programmatic access Enables an access key ID and secret access key for the AWS API, CLI, SDK, and other development tools. ✓ AWS Management Console access Enables a password that allows users to sign-in to the AWS Management Console. Console password* Autogenerated password

Cancel

Next: Permissions

* Required



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

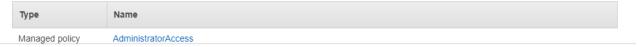
AWS access type Programmatic access and AWS Management Console access

Console password type Custom Require password reset

Permissions boundary Permissions boundary is not set

Permissions summary

The following policies will be attached to the user shown above.



f.

Add user



Cancel



Previous





Create user



Success

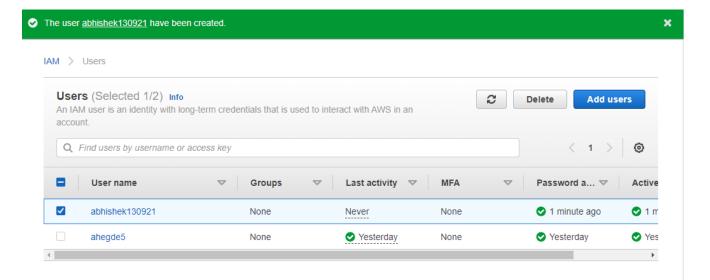
You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.

Users with AWS Management Console access can sign-in at: https://example.com/console

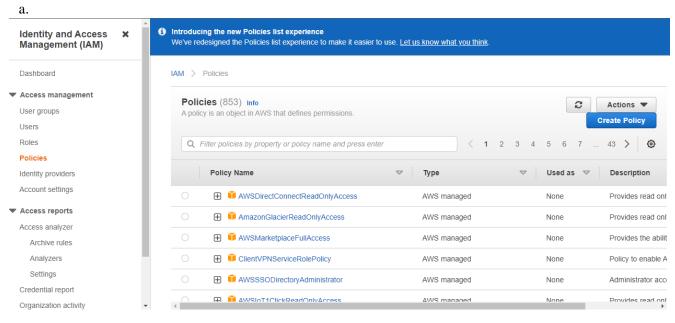


		User	Access key ID	Secret access key	Email login instructions
•	•	abhishek130921	UQLRD (2	****** Show	Send email 🗹

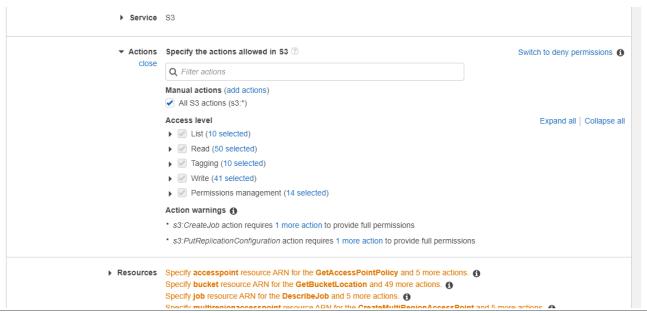
Close



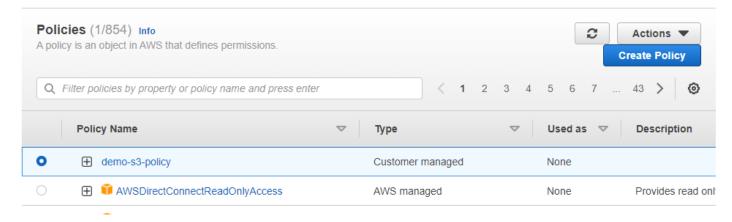
2. Attach an AWS managed policy (S3 full access)



b.

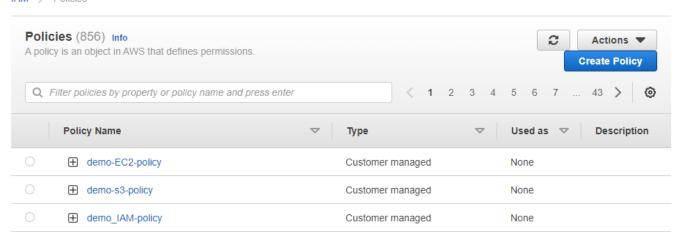






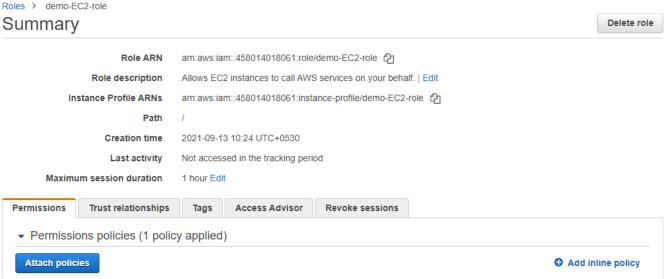
3. Login as IAM user and show that policy is applied. (S3 EC2,IAM)

IAM > Policies

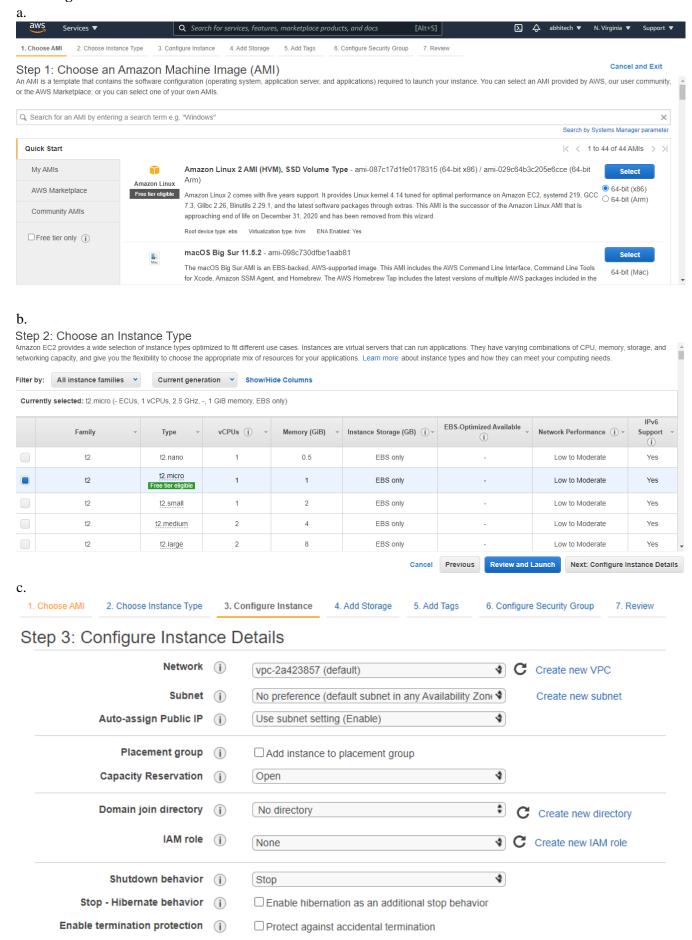


b. Roles.ec2

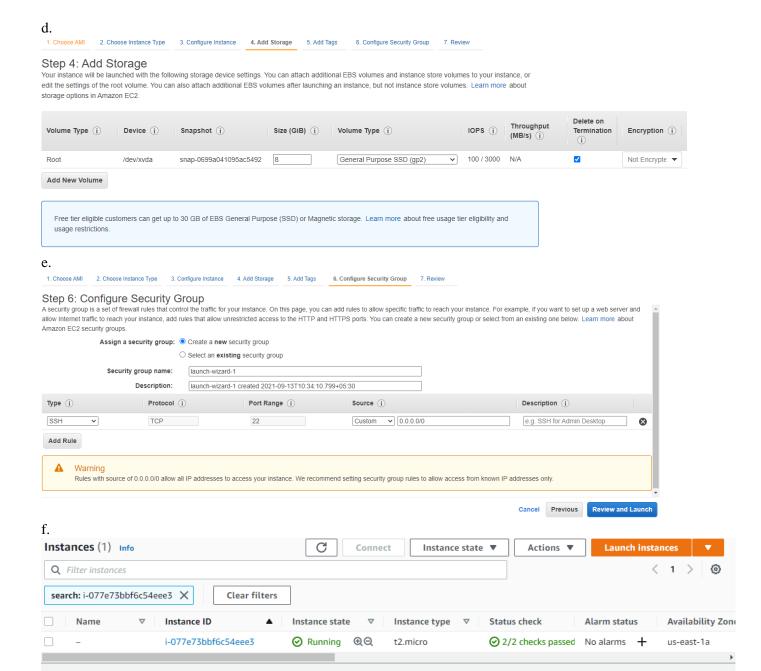
Roles > demo-EC2-role



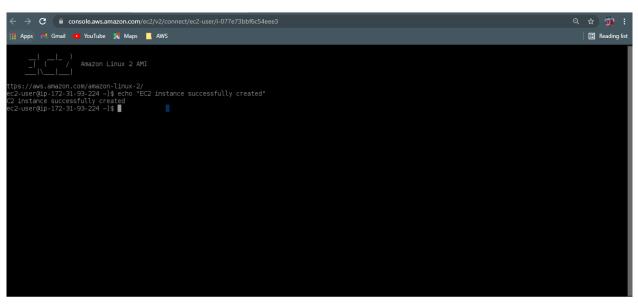
1. Working with EC2 instances / create a EC2 instance



□ Enable CloudWatch detailed monitoring



2. connect to the instance

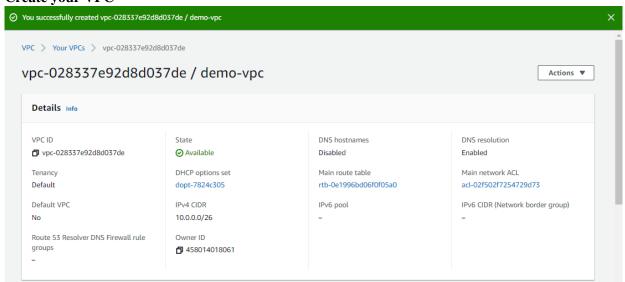


b.

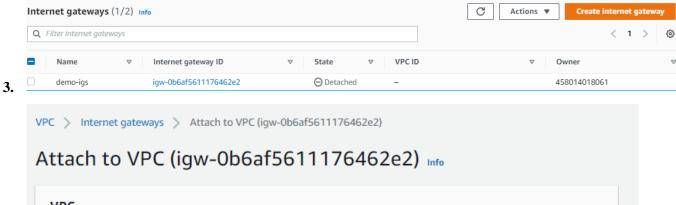
1. Working with EBS volume Create an EBS volume and attach to an EC2 instance

△ • • Q Volume ID : vol-002ce6af1e1036f04 Add filter → Volume ID → Size v Volume Type v IOPS v Throughput v Snapshot v Created v Availability Zone v State - Ala September 13, 202... us-east-1a EBS volume... vol-002ce6af... 1 GiB Nor 100 available Attach Volume × Volume (i) vol-002ce6af1e1036f04 (EBS_volume_ec2_instance) in us-east-1a Instance (i) in us-east-1a Search instance ID or Name tag Device (i) Volumes: vol-002ce6af1e1036f Cancel Attach Description Status Checks Outposts ARN Volume ID vol-002ce6af1e1036f04 Alarm status None 1 GiB Size Snapshot Created September 13, 2021 at 11:10:34 AM UTC+5:30 Availability Zone us-east-1a State available Encryption Not Encrypted Attachment information KMS Key ID Volume type KMS Key Aliases Product codes KMS Key ARN IOPS 100

1. Working with VPC volume Create your VPC



2. Create an internet gateway



VPC
Attach an internet gateway to a VPC to enable the VPC to communicate with the internet. Specify the VPC to attach below.

Available VPCs
Attach the internet gateway to this VPC.

Q vpc-028337e92d8d037de

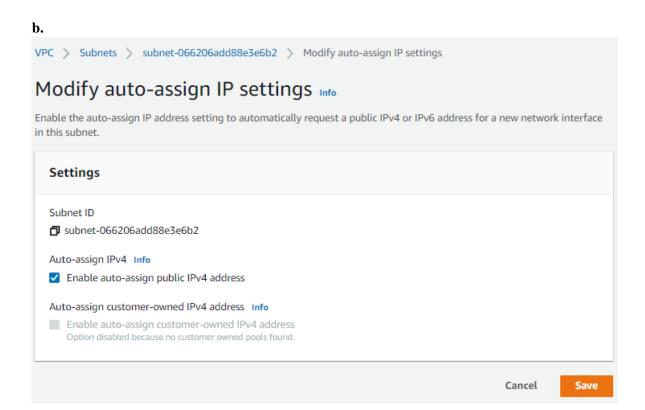
AWS Command Line Interface command

Cancel

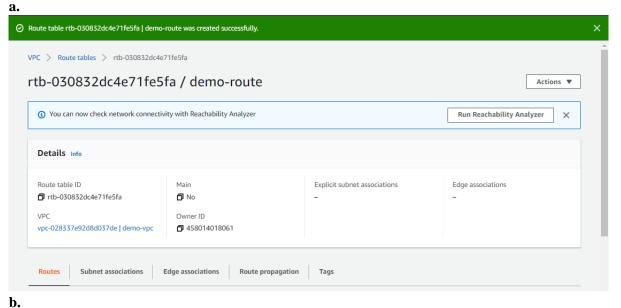
Attach internet gateway

4. Create a subnet-enable auto assign public IP

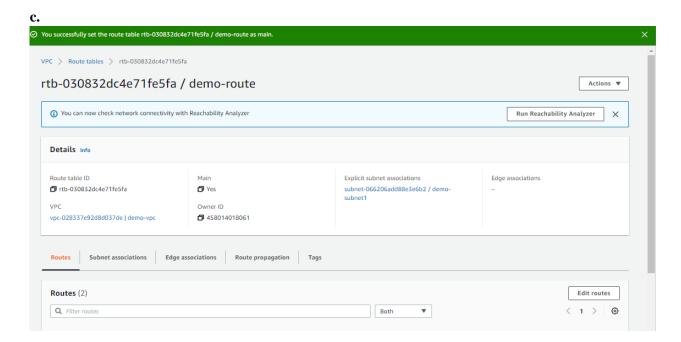
 You have successfully created 1 subnet: subnet-066206add88e3e6b2 Actions ▼ Subnets (1) Info Q Filter subnets < 1 > @ Subnet ID: subnet-066206add88e3e6b2 X Name State VPC IPv4 CIDR IPv6 CIDR demo-subnet subnet-066206add88e3e6b2 Available vpc-028337e92d8d037de | de... 10.0.0.0/26 Select a subnet



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



⊘ Updated routes for rtb-030832dc4e71fe5fa / demo-route successfully • You have successfully created 1 route: 0.0.0.0/0. Details Info Route table ID Main Explicit subnet associations Edge associations ☐ rtb-030832dc4e71fe5fa ☐ No Owner ID vpc-028337e92d8d037de | demo-vpc **4**58014018061 Routes Subnet associations Edge associations Route propagation Tags Routes (2) Edit routes Q Filter routes Both 0 Destination Target Status Propagated 10.0.0.0/26 local No igw-097c0d1f787af7b13



6. Launch an instance in custom VPC

Assignment 5

Application

my-first-aws-app

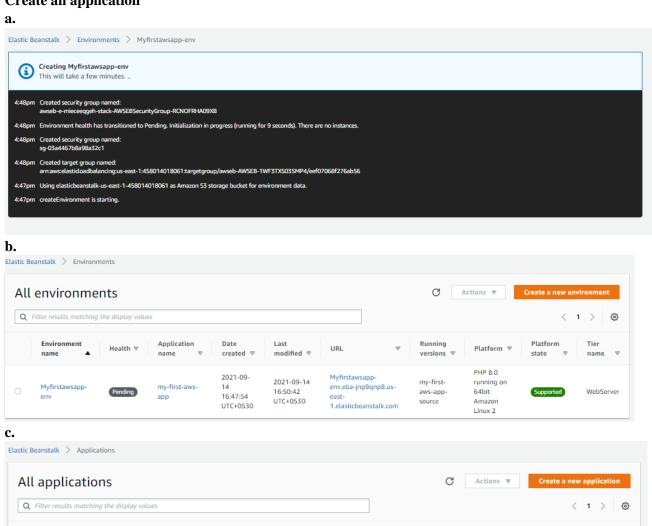
name

Myfirstawsapp-

Date created

2021-09-14 16:47:12

1. Deploying a sample application on elastic beanstalk Create an application

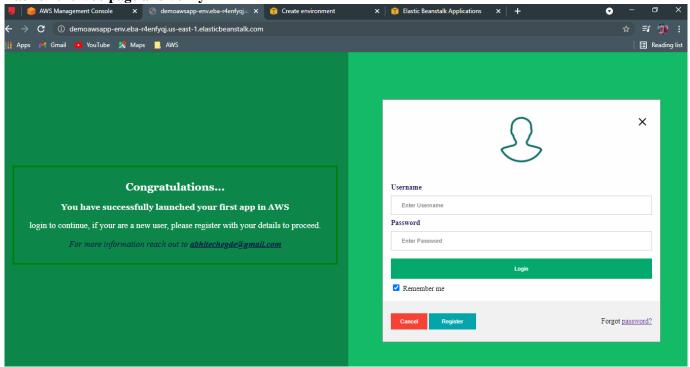


Last modified

2021-09-14 16:47:12

arn:aws:elasticbeanstalk:us-east-1:458014018061:application/my-

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.