AWS SERVICES

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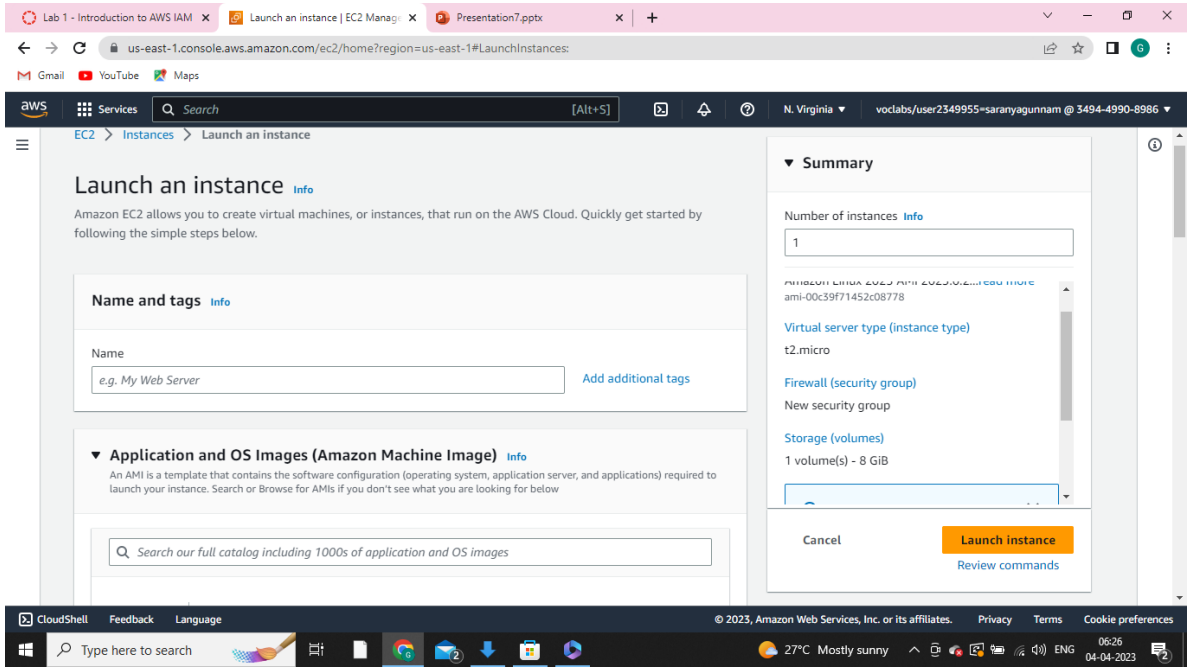
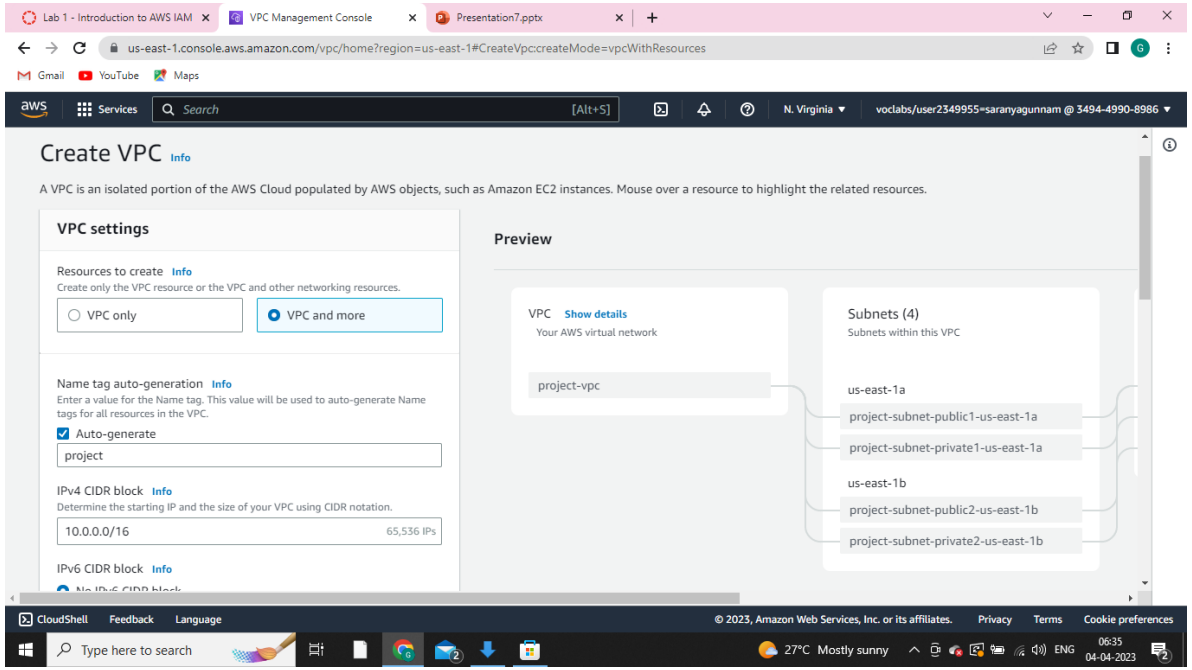
Amazon EC2:

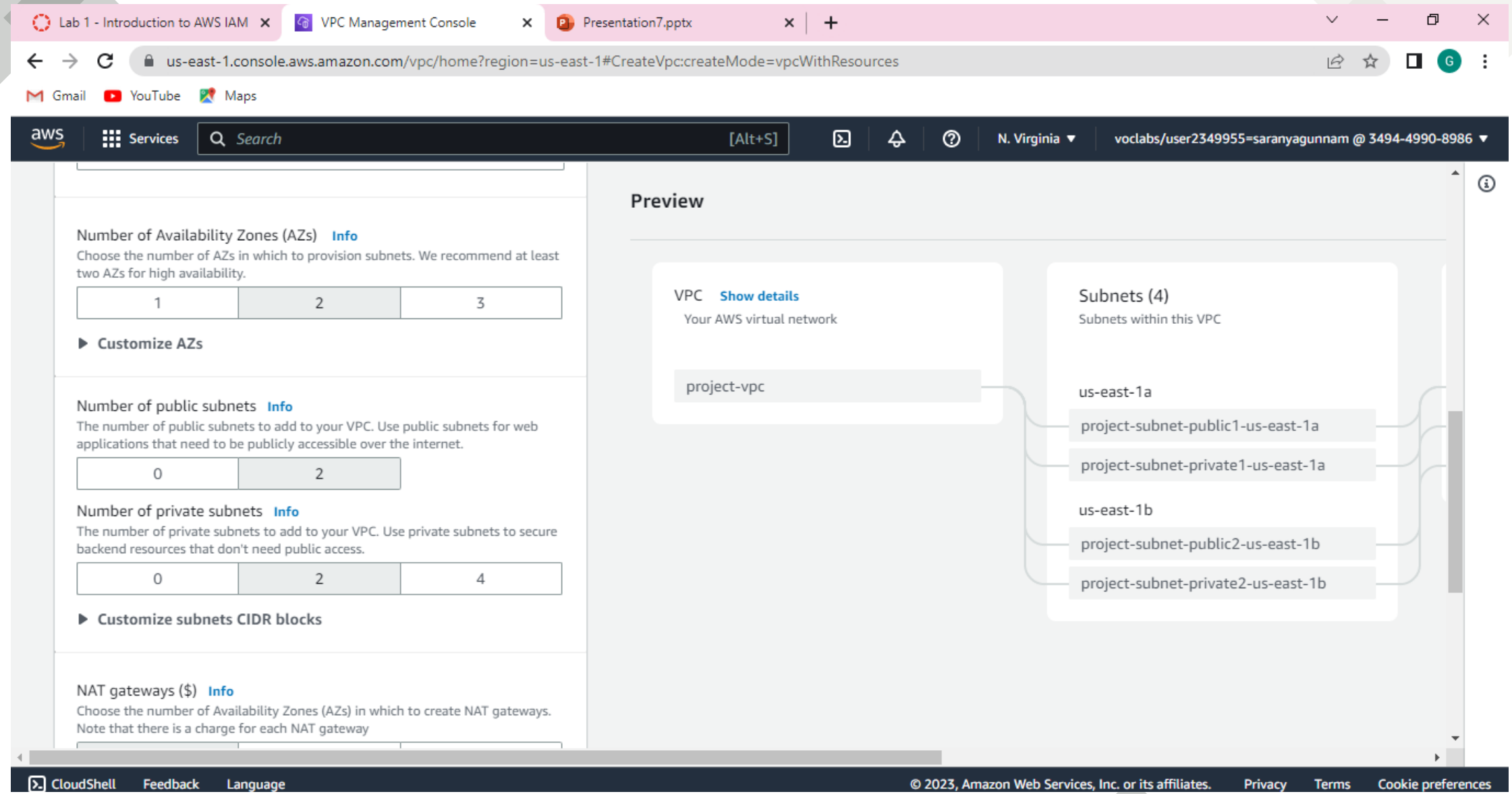
- Start lab
- Select EC2 sevice in console page
- Click on EC2 and then go to instances
- Click on launch instances
- Click on Name the instance and give the name and create a key pair to the instance
- Set the other settings like os,storage
- Add security group
- Click on launch instance
- Instance has been successfully created
- After completion of lab terminate the instance



Amazon VPC:

- Click on VPC and then create vpc
- Give the name to the vpc,for number of availabilty zones choose 1
- Enter no.of private and public subnets needed
- Change public and private subnet cidr to allocated ip addresses
- Set NAT gateways to in 1AZ
- Setvpc endpoints to none
- Keep both DNS host names and DNS resolution enabled
- Choose create vpc
- And then subnets and route tables will be created




Lab 1 - Introduction to AWS IAM
VPC Management Console
Presentation7.pptx
us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#CreateVpc:createMode=vpcWithResources
Gmail
YouTube
Maps
aws
Services
Search
[Alt+S]
N. Virginia
voclabs/user2349955=saranyagunnam @ 3494-4990-8986
Number of Availability Zones (AZs) Info
Choose the number of AZs in which to provision subnets. We recommend at least two AZs for high availability.
1
2
3
Customize AZs
Number of public subnets Info
The number of public subnets to add to your VPC. Use public subnets for web applications that need to be publicly accessible over the internet.
0
2
Number of private subnets Info
The number of private subnets to add to your VPC. Use private subnets to secure backend resources that don't need public access.
0
2
4
Customize subnets CIDR blocks
NAT gateways ($) Info
Choose the number of Availability Zones (AZs) in which to create NAT gateways. Note that there is a charge for each NAT gateway
Preview
VPC Show details
Your AWS virtual network
project-vpc
Subnets (4)
Subnets within this VPC
us-east-1a
project-subnet-public1-us-east-1a
project-subnet-private1-us-east-1a
us-east-1b
project-subnet-public2-us-east-1b
project-subnet-private2-us-east-1b
CloudShell
Feedback
Language
© 2023, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences

▶ Customize subnets CIDR blocks

NAT gateways ($) Info
Choose the number of Availability Zones (AZs) in which to create NAT gateways. Note that there is a charge for each NAT gateway

None | In 1 AZ | 1 per AZ

VPC endpoints Info
Endpoints can help reduce NAT gateway charges and improve security by accessing S3 directly from the VPC. By default, full access policy is used. You can customize this policy at any time.

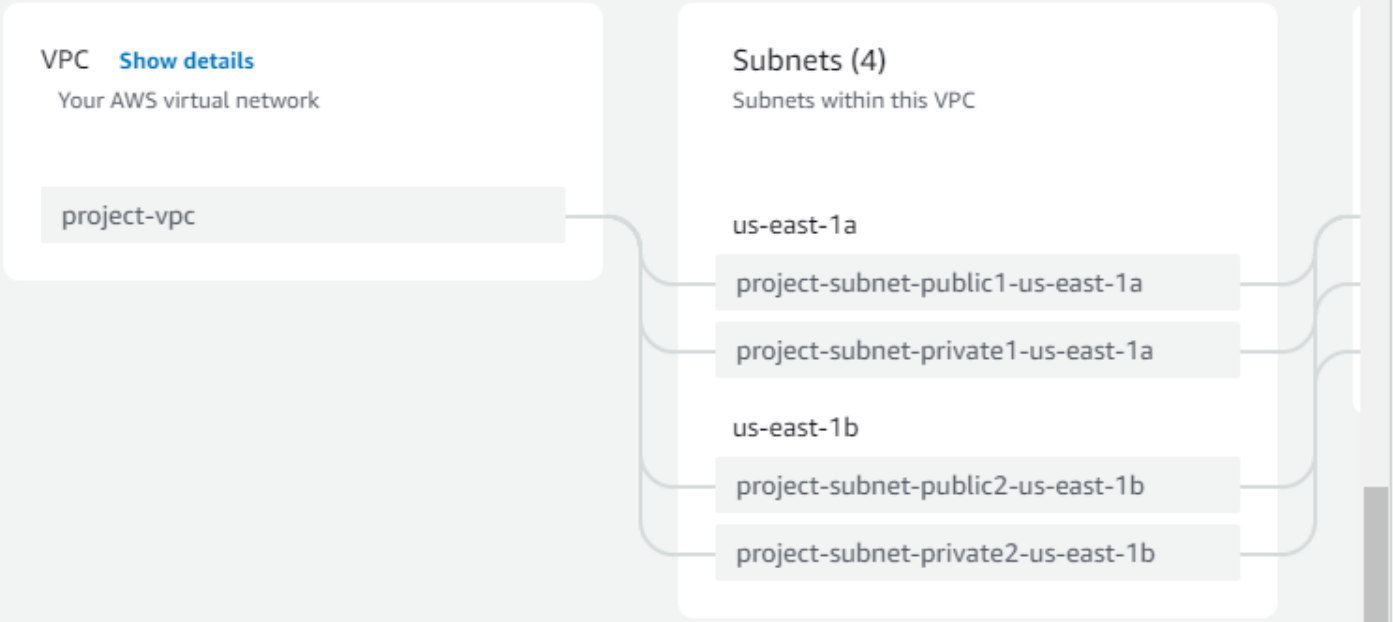
None | S3 Gateway

DNS options Info
- [x] Enable DNS hostnames
- [x] Enable DNS resolution

▶ Additional tags

Cancel Create VPC

Preview



Amazon EBS:

- In console page select services and then EC2 and choose create volume.
- Then congigure: volume type-general purpose SSD(gp2),size(gib):1
- Availability zone:Select the same availability zone as your ec2 instance
- Choose add tag
- Create volume
- Then choose volumes in console page
- In actions menu ,select create snapshot and then add tag assign the key and value names
- Choose create snapshot

Lab 1 - Introduction to AWS IAM | Create volume | EC2 Management | Presentation7.pptx

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#CreateVolume:

Gmail YouTube Maps

aws Services Search [Alt+S] N. Virginia voclabs/user2349955=saranyagunnam @ 3494-4990-8986

EC2 > Volumes > Create volume

Create volume Info

Create an Amazon EBS volume to attach to any EC2 instance in the same Availability Zone.

Volume settings

Volume type Info

General Purpose SSD (gp2)

Size (GiB) Info

100

Min: 1 GiB, Max: 16384 GiB. The value must be an integer.

IOPS Info

300 / 3000

Baseline of 3 IOPS per GiB with a minimum of 100 IOPS, burstable to 3000 IOPS.

Throughput (MiB/s) Info

Not applicable

Availability Zone Info

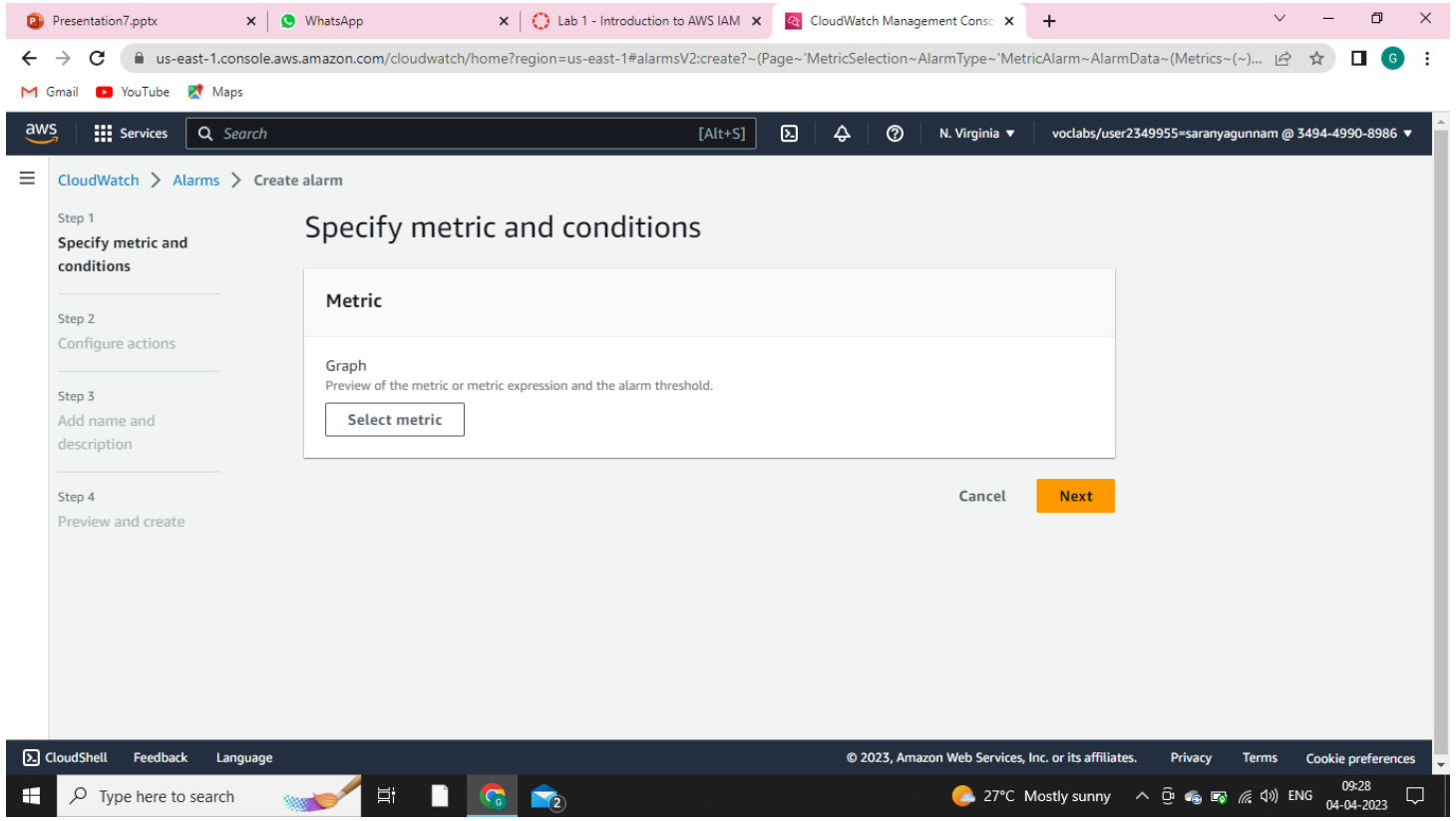
CloudShell Feedback Language

 Privacy Terms Cookie preferences

Type here to search 27°C Mostly sunny ENG 06:46 04-04-2023

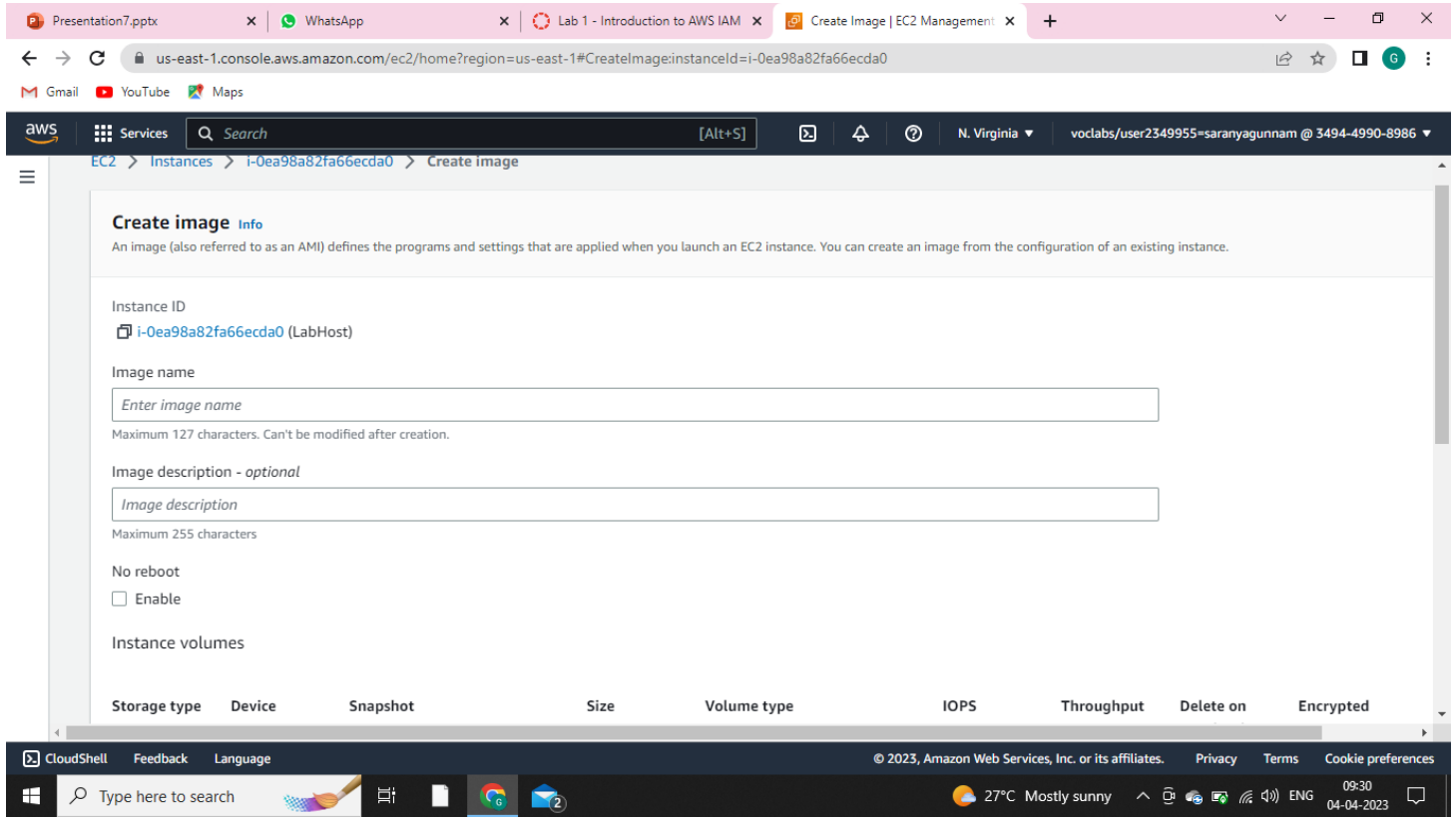
Cloud watch

- Start lab
- Search cloud watch and click on it
- Click on billing
- Click on create alarm
- Change on currency to rupees
- Enter the amount after which you needed the email
- Click on create a new topic
- Enter the email details that needed to notified
- Name the alarm
- Click on create alarm



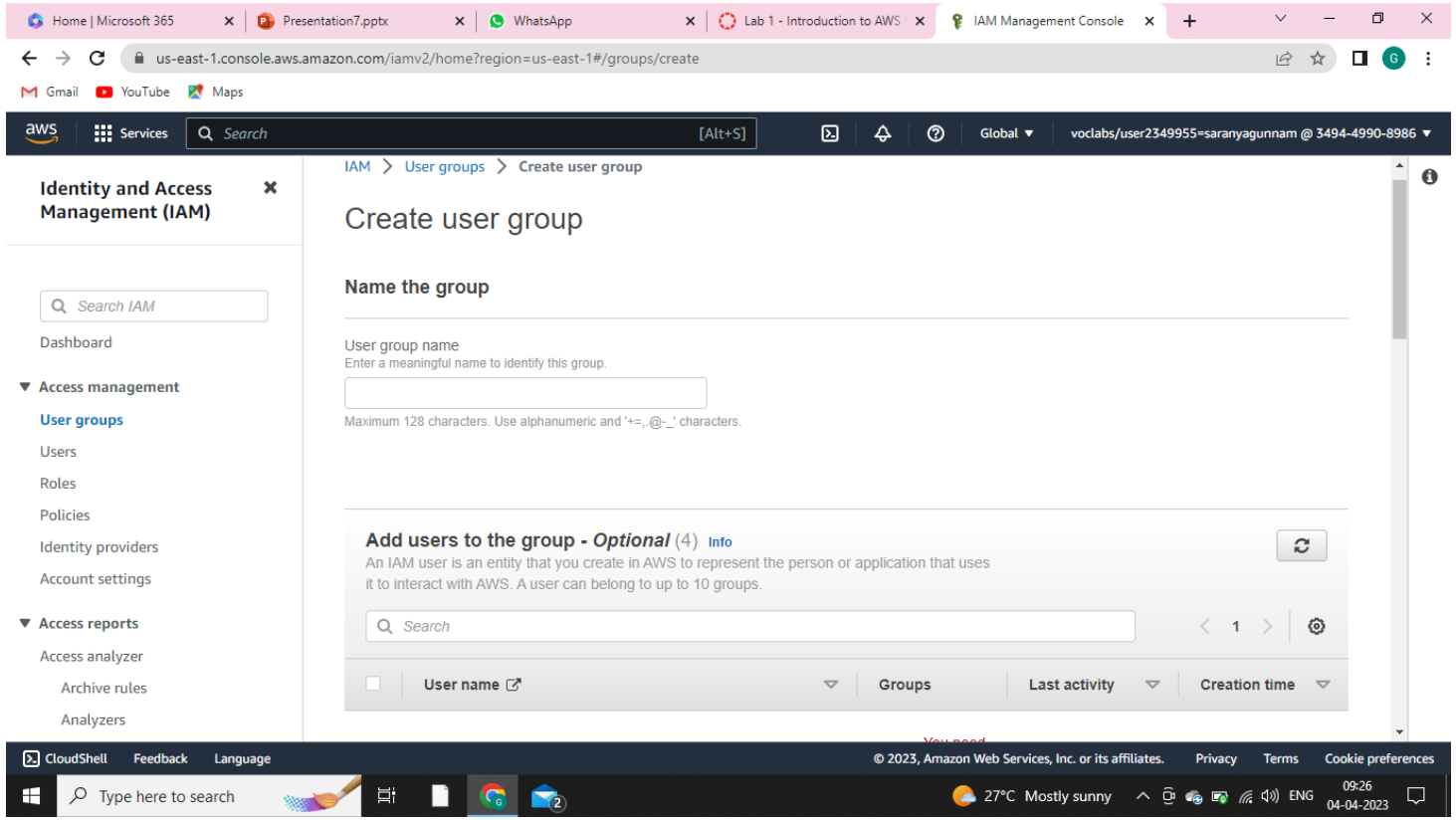
Amazon AMI

- Create an instance
- After that select that instance
- In actions click on create image
- Enter image name and description then create image
- Then stop the instance
- In AMIs select the created ami
- Then click on launch the instance from ami
- Give the instance name as starting
- Click on launch instance
- Automatically the stopped instance is now in running state



Amazon IAM

- Login to the IAM account
- Click on user groups
- Click on create user group
- Give the permissions of what resources they can access
- Click on create user group
- Click on users before creating usergroups and allow access of of respective user to security group



Thank you

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