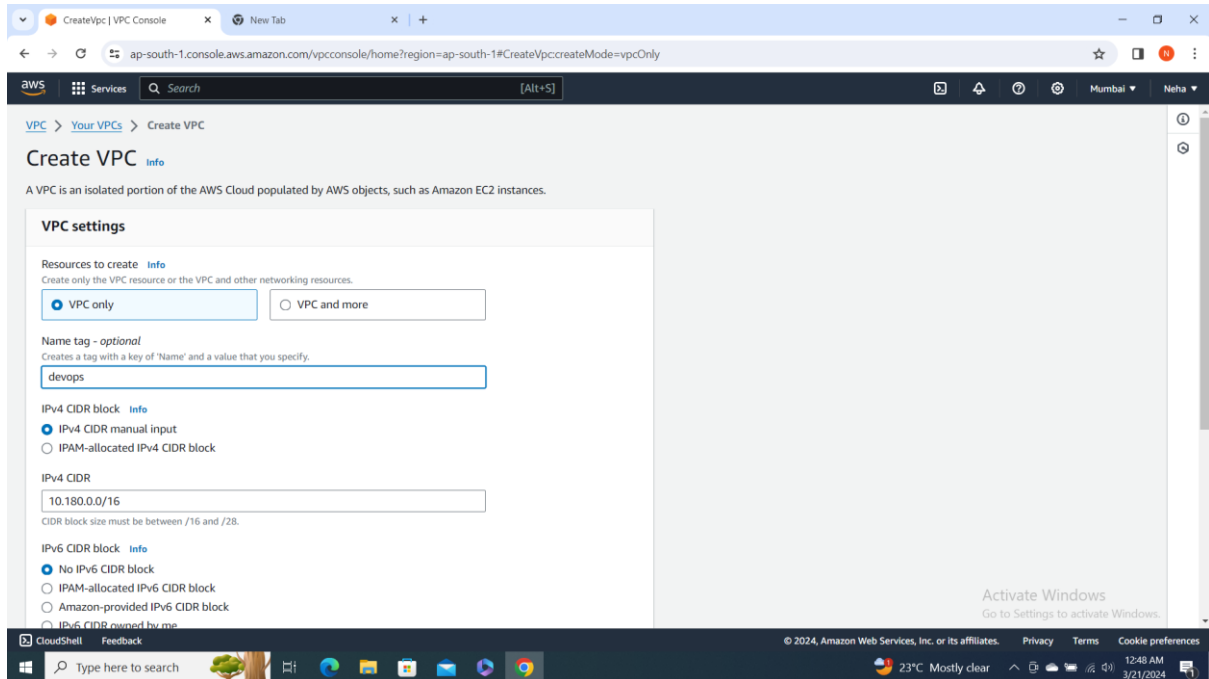


VPC

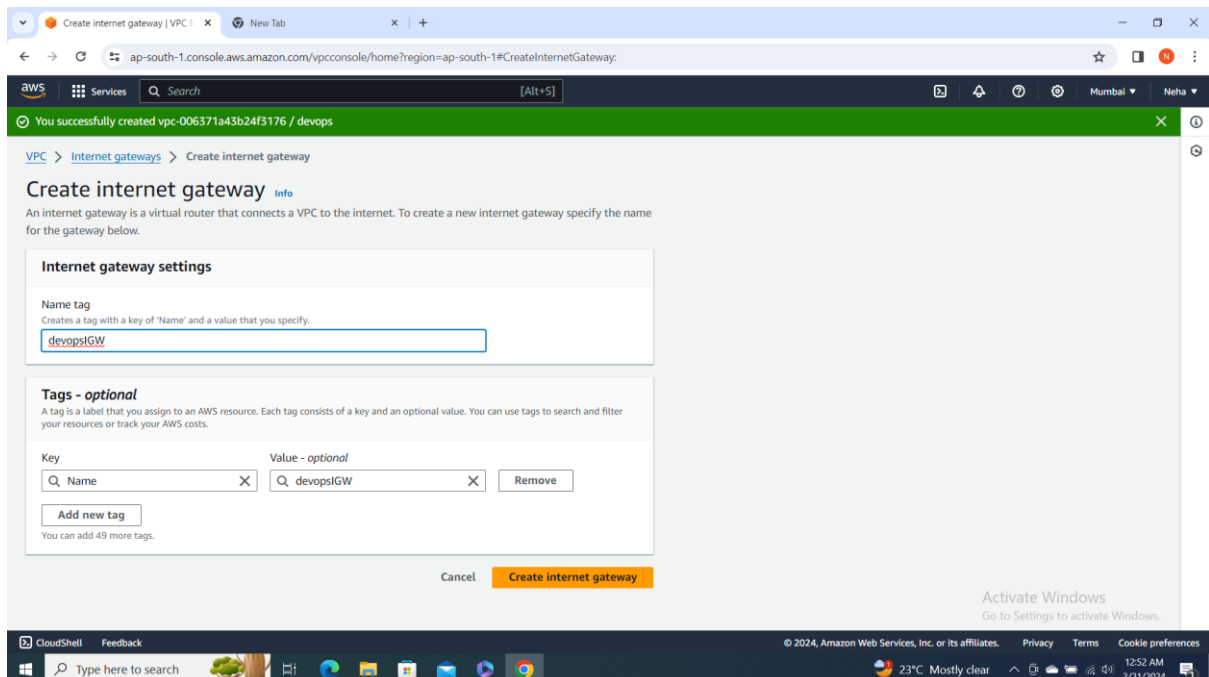
Step 1

Search for VPC → Your VPC → Create VPC

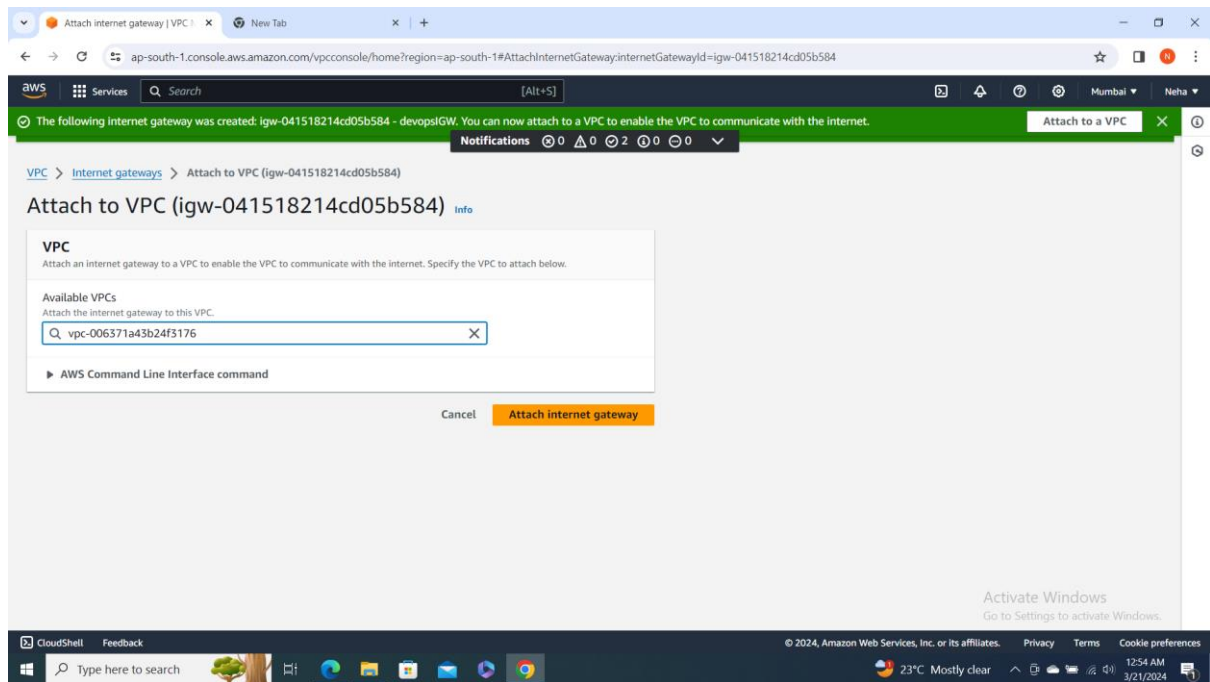


Step 2

Internet gateway → Create IGW

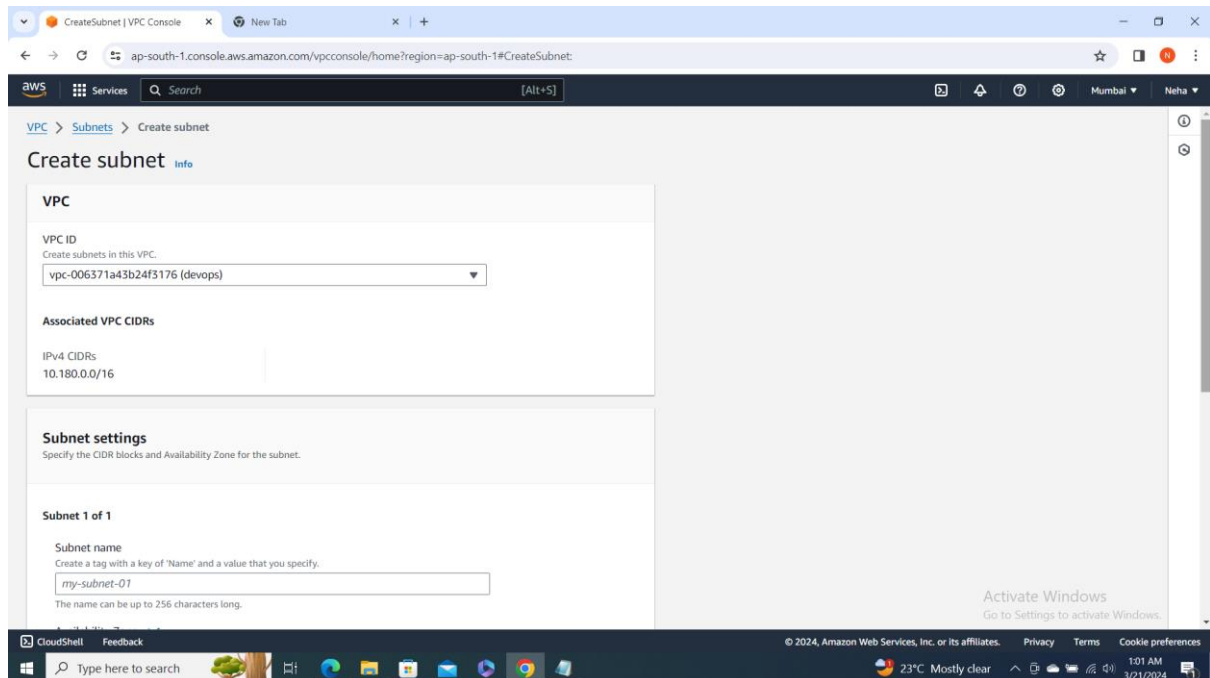


Attach a IGW to an VPC

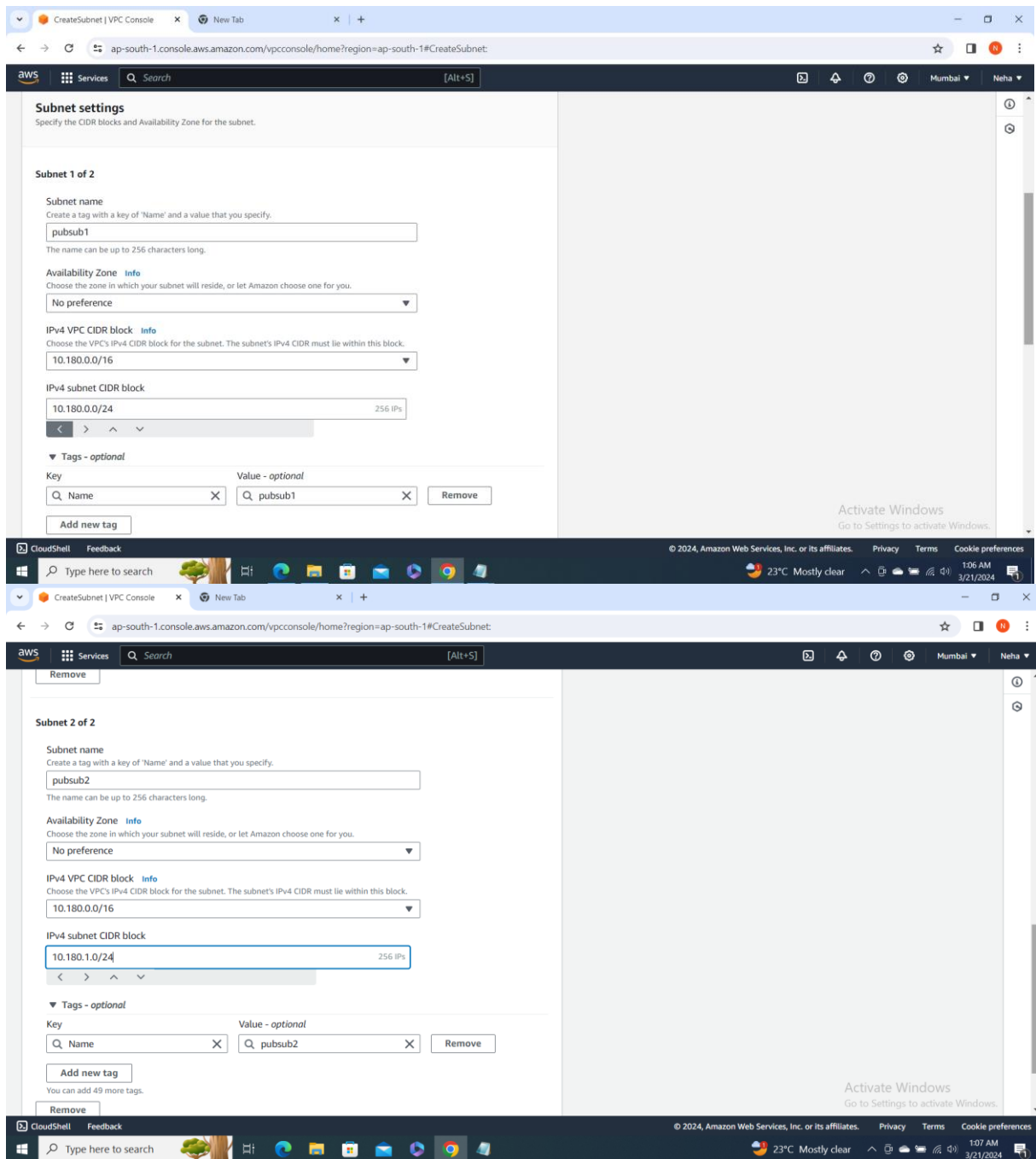


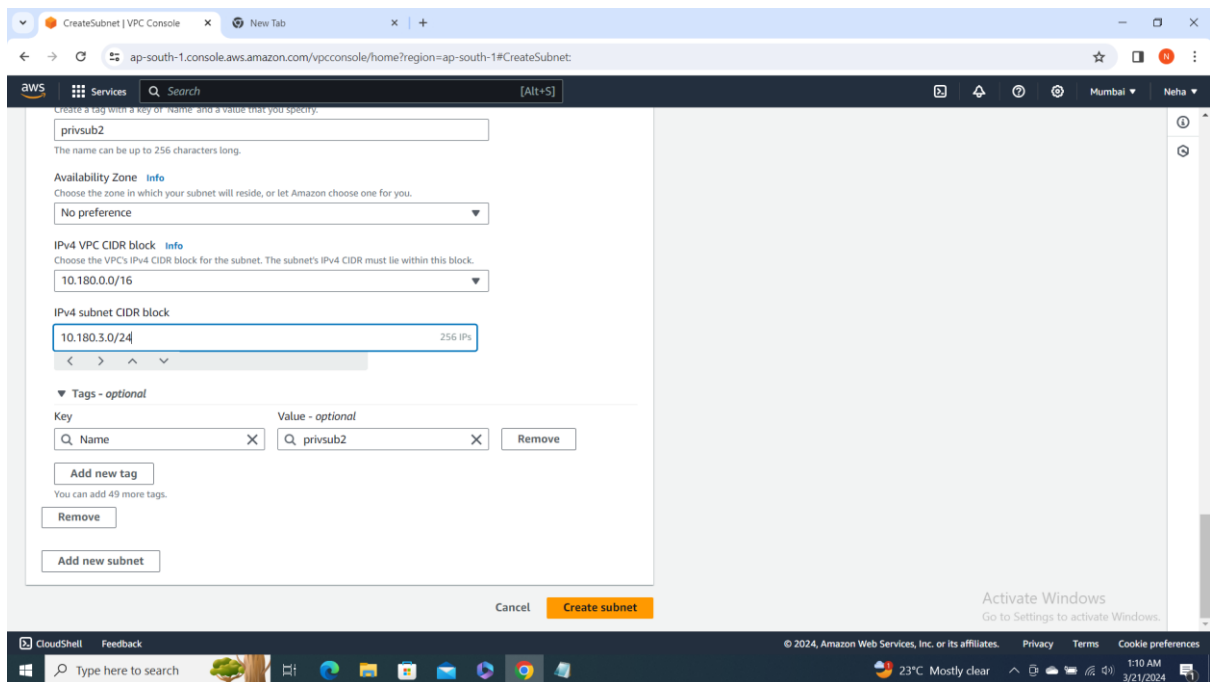
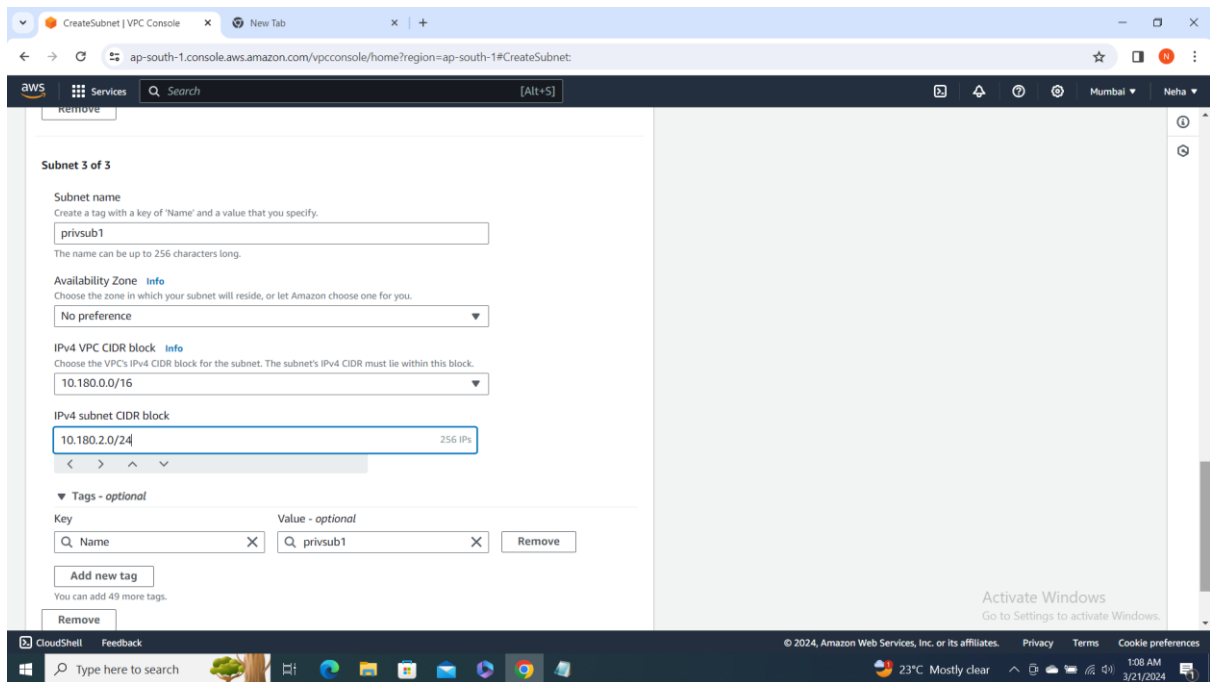
Step 3

Subnet → Create subnet



Add 4 New Subnet, 2 private subnet, 2 public subnet



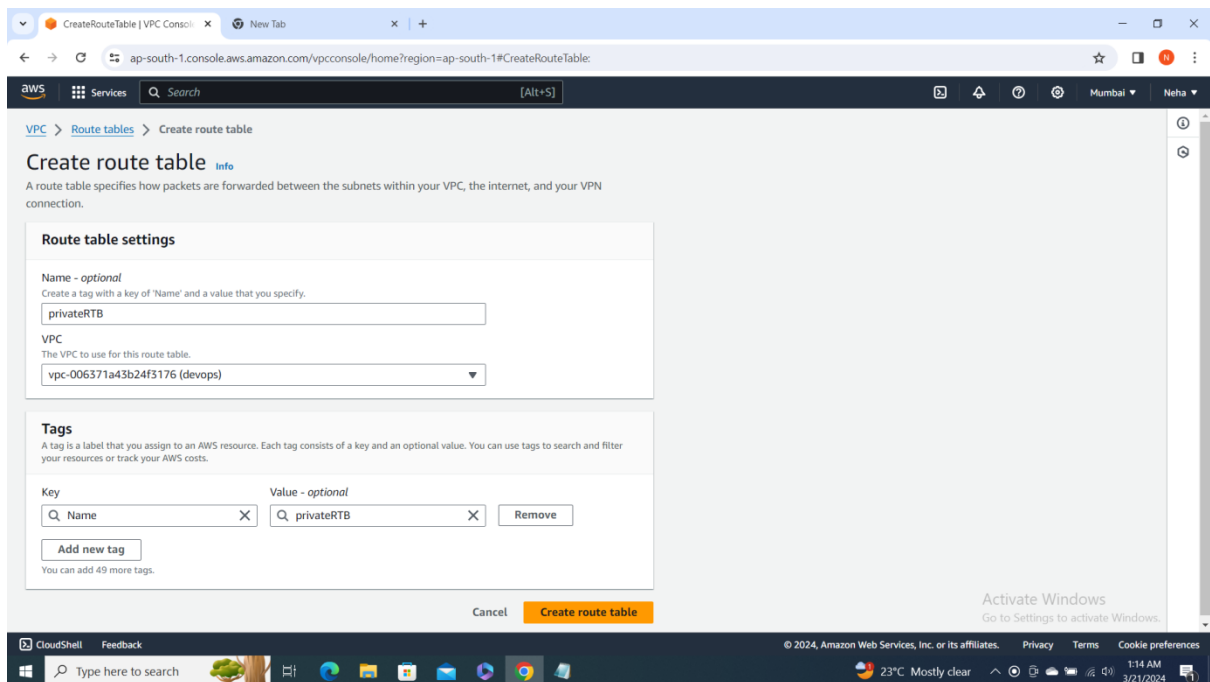
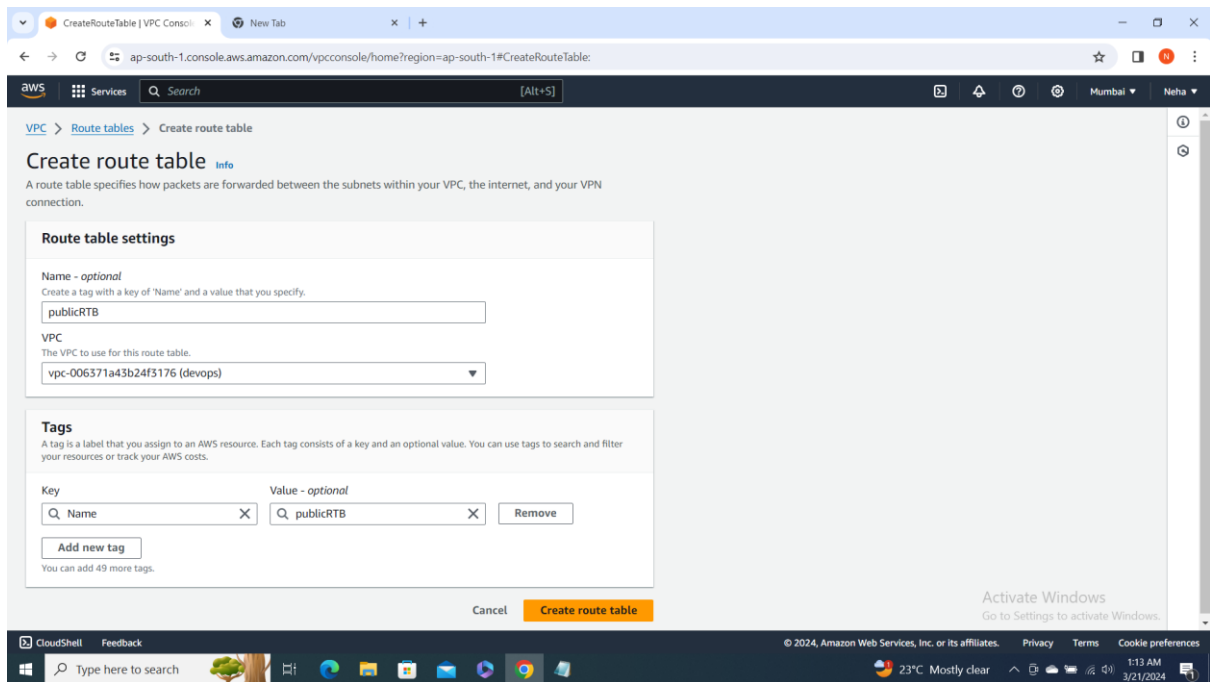


Step 3

Route table → Create route table

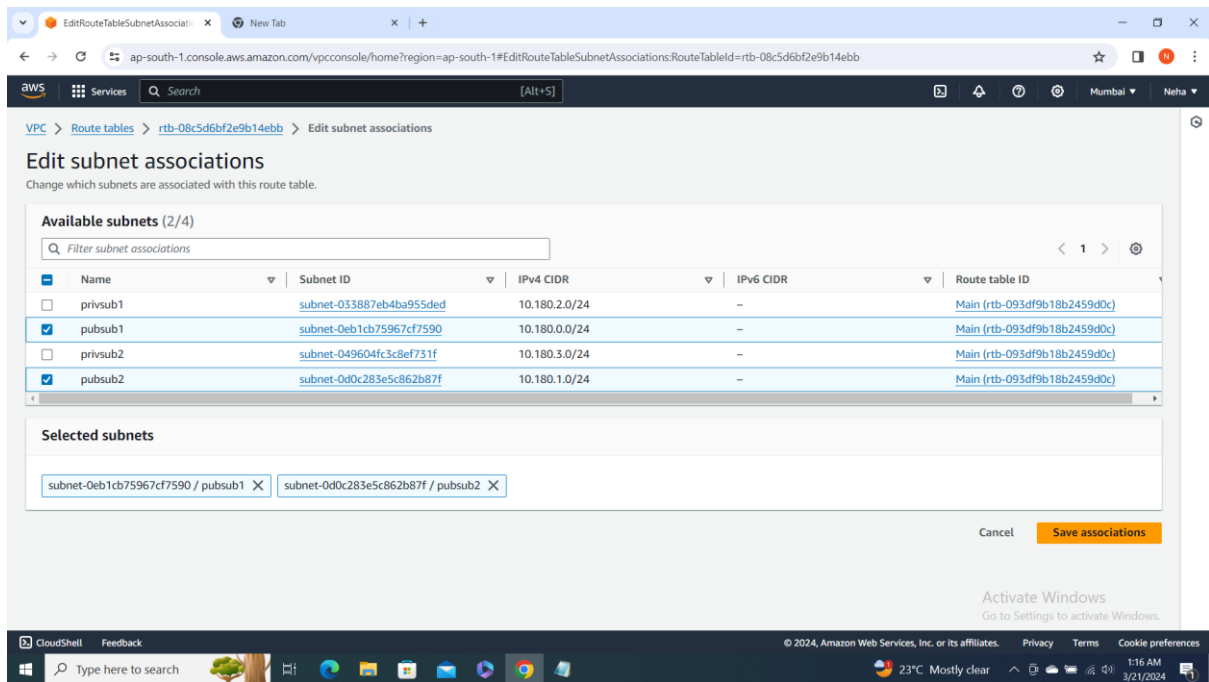
Create two route table, private route table and public route table

Add public subnet in public route table and private subnet in private route table



click on public route table, below we can see subnet associates click on that then edit subnet associates

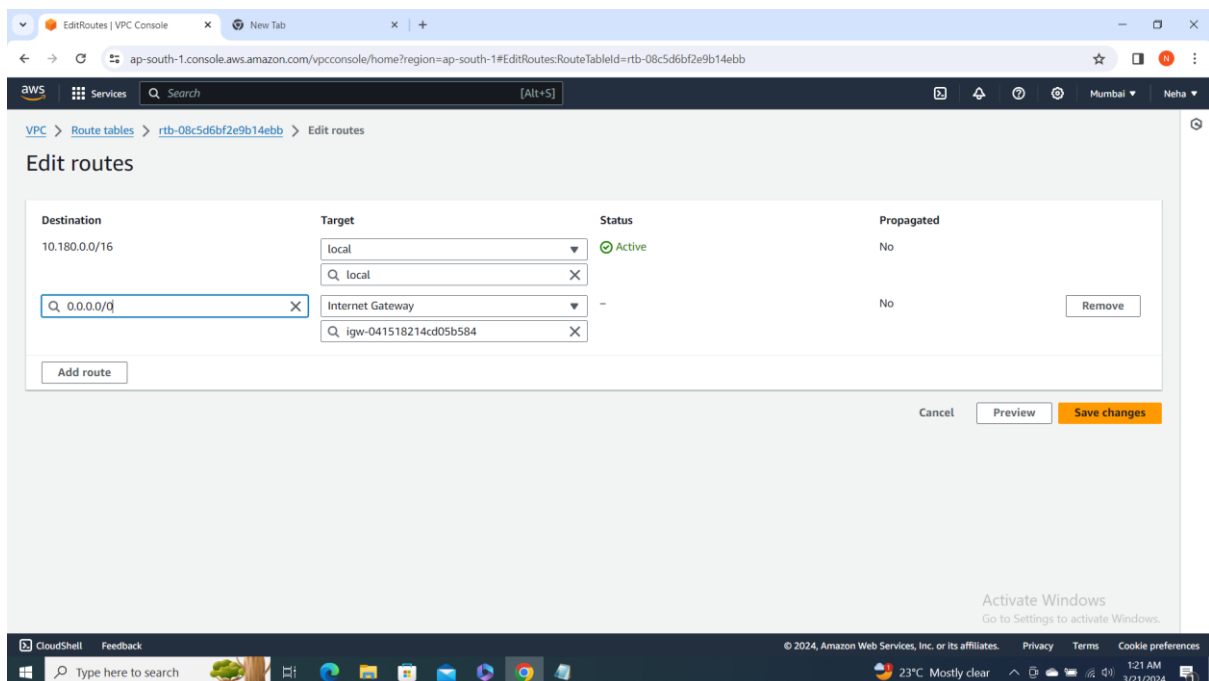
select only public subnet



Similarly private route table.

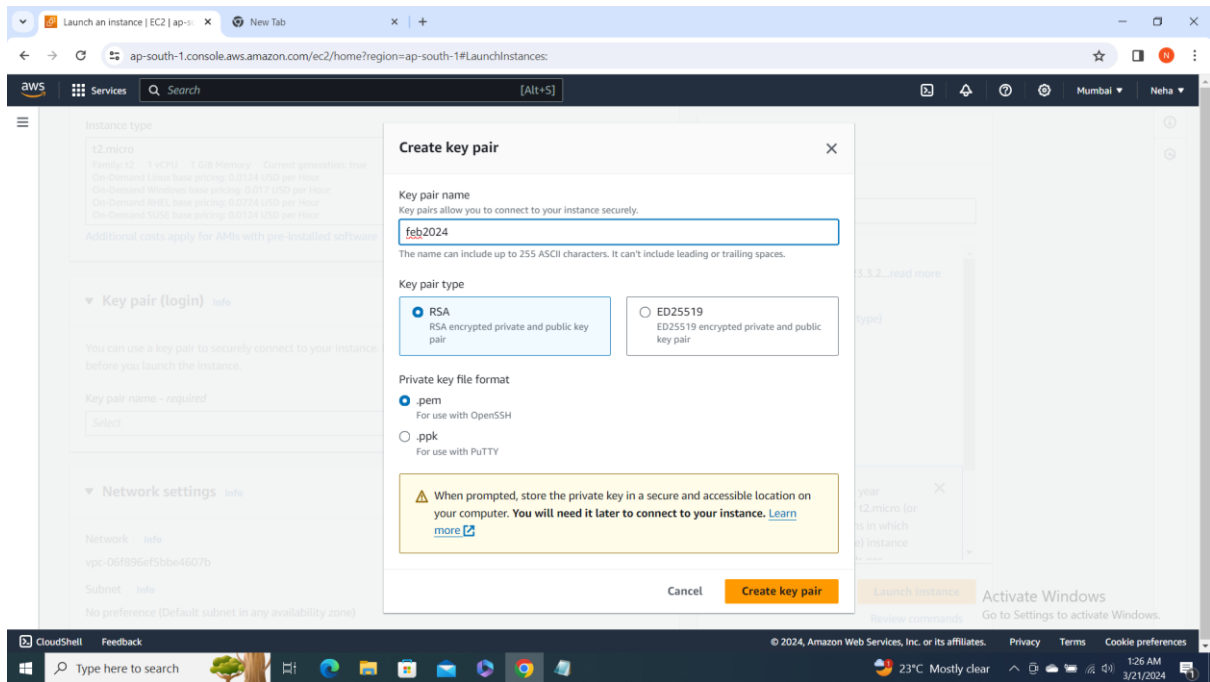
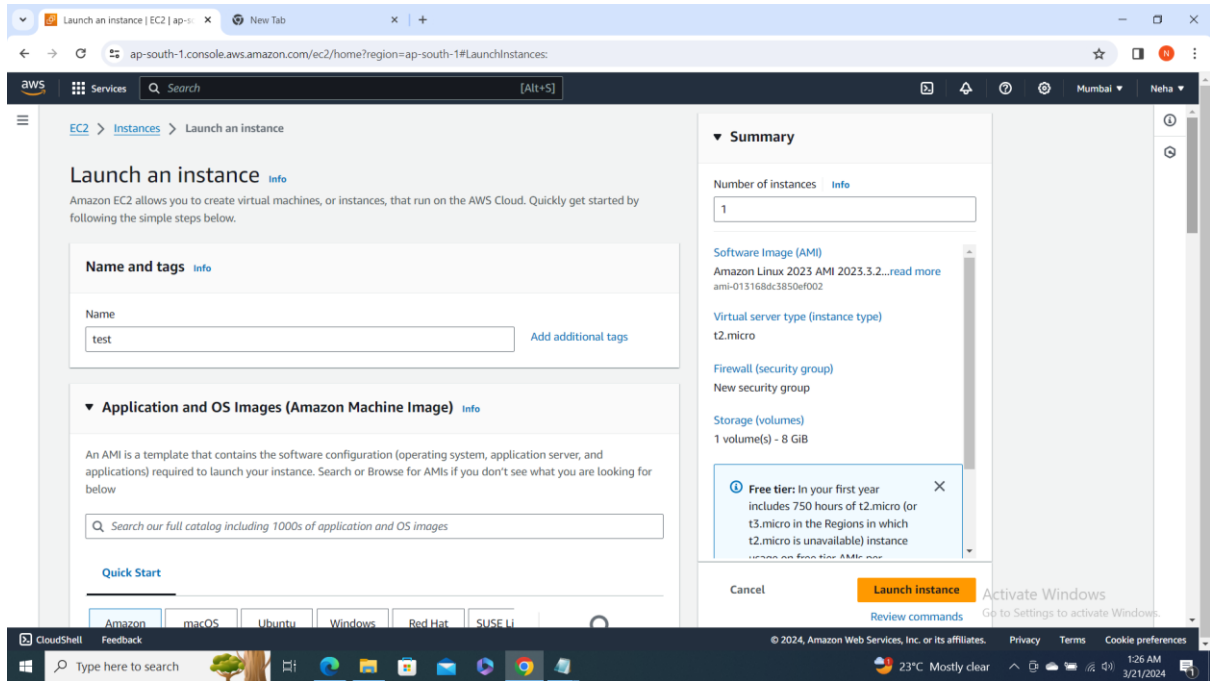
Step 4

To access the internet select the public Route Table → Routes → Edit Routes → select IGW with respect VPC



Step 5

Now search for EC2 → instance



Launch an instance | EC2 | ap-south-1

New Tab

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:

Services Search [Alt+S]

Mumbai Neha

▼ Network settings info

VPC - required info

vpc-006371a43b24f3176 (devops)
10.180.0.0/16

Subnet info

subnet-0eb1cb75967cf7590 pubsub1
VPC: vpc-006371a43b24f3176 Owner: 590184132106
Availability Zone: ap-south-1b IP addresses available: 251 CIDR: 10.180.0.0/24

Create new subnet

Auto-assign public IP info

Enable

Additional charges apply when outside of free tier allowance

Firewall (security groups) info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

Create security group

Select existing security group

Security group name - required

launch-wizard-1

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and _-./()#,@!+=&[]!\$*

Description - required info

launch-wizard-1 created 2024-07-20T10:55:03.814Z

▼ Summary

Number of instances info

1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.3.2...read more
ami-013168dc3850ef002

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage for this AMI type

Cancel

Launch instance

Review commands

Activate Windows

Go to Settings to activate Windows.

CloudShell Feedback

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