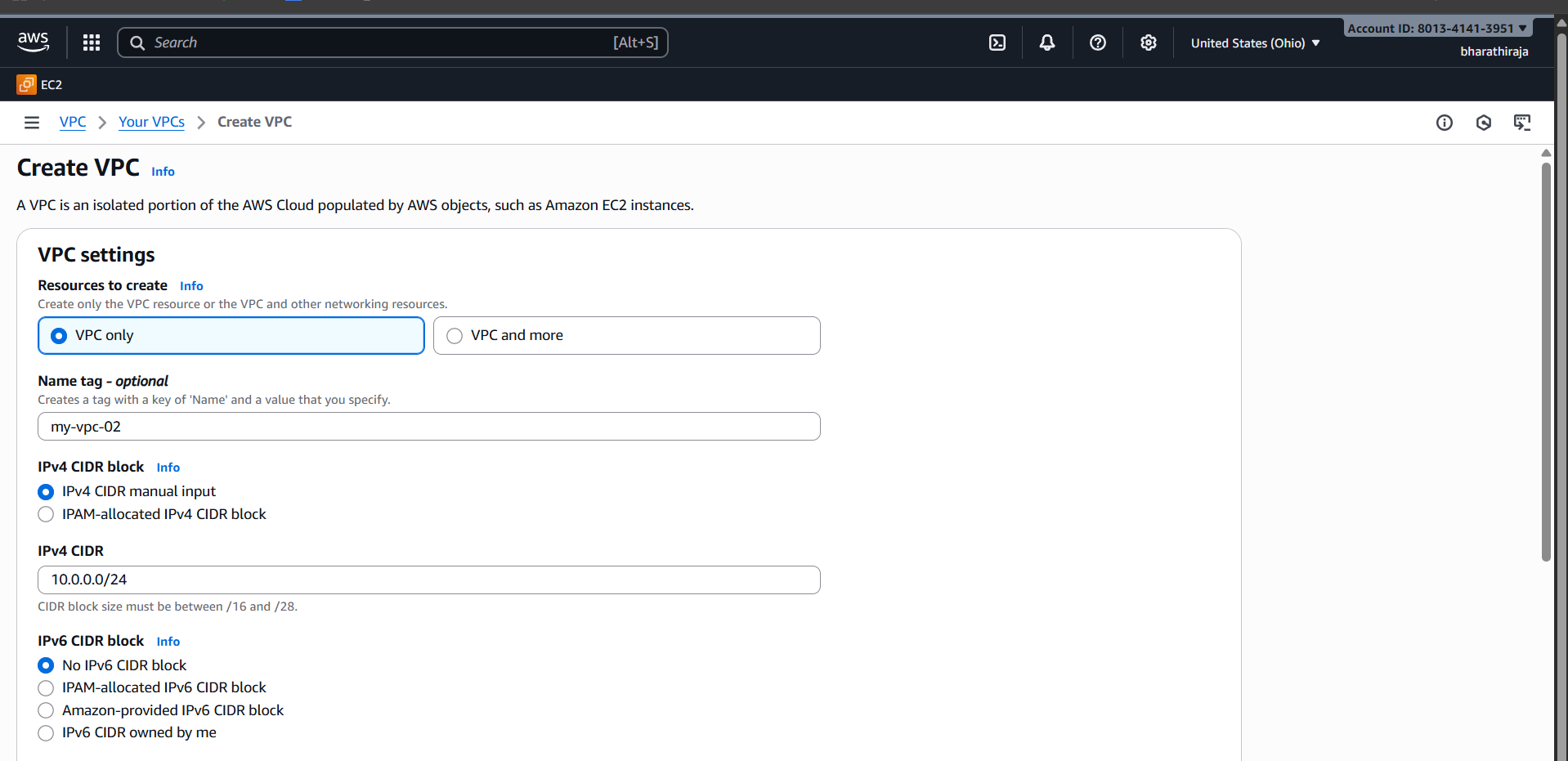
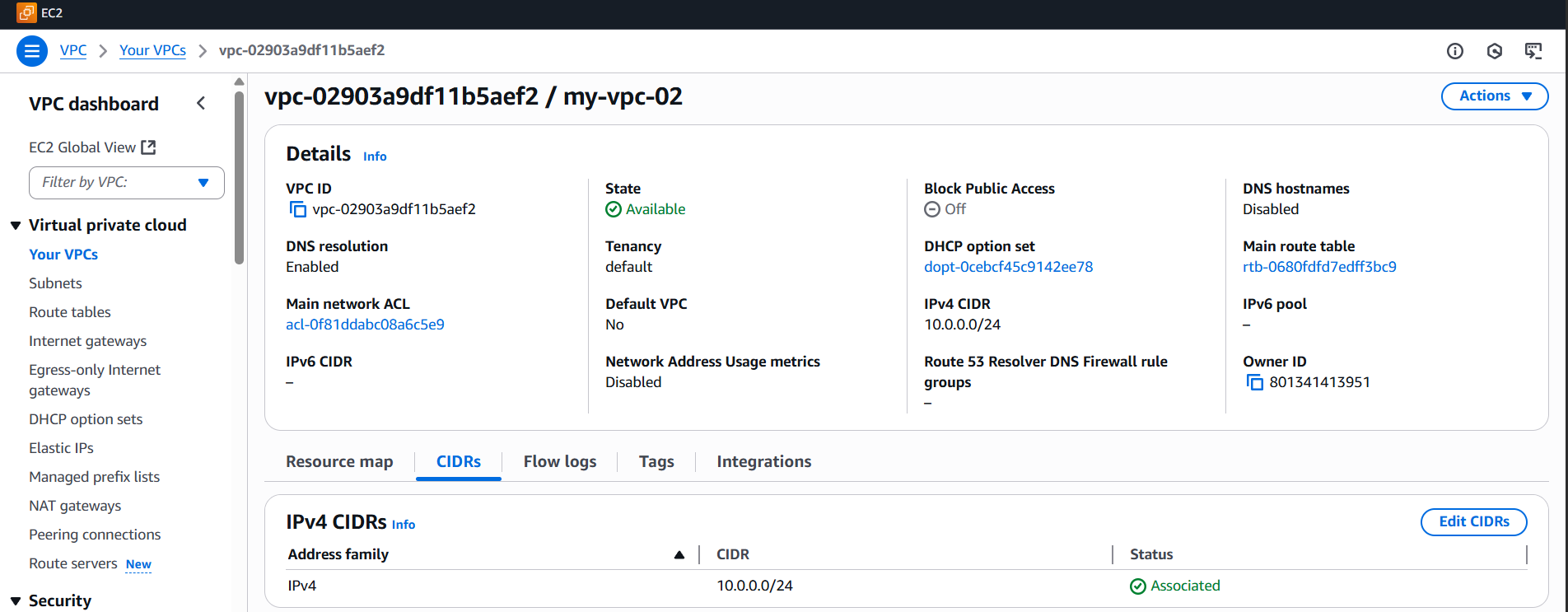
1. Create one VPC, with 1 public subnet and 1 private subnet.

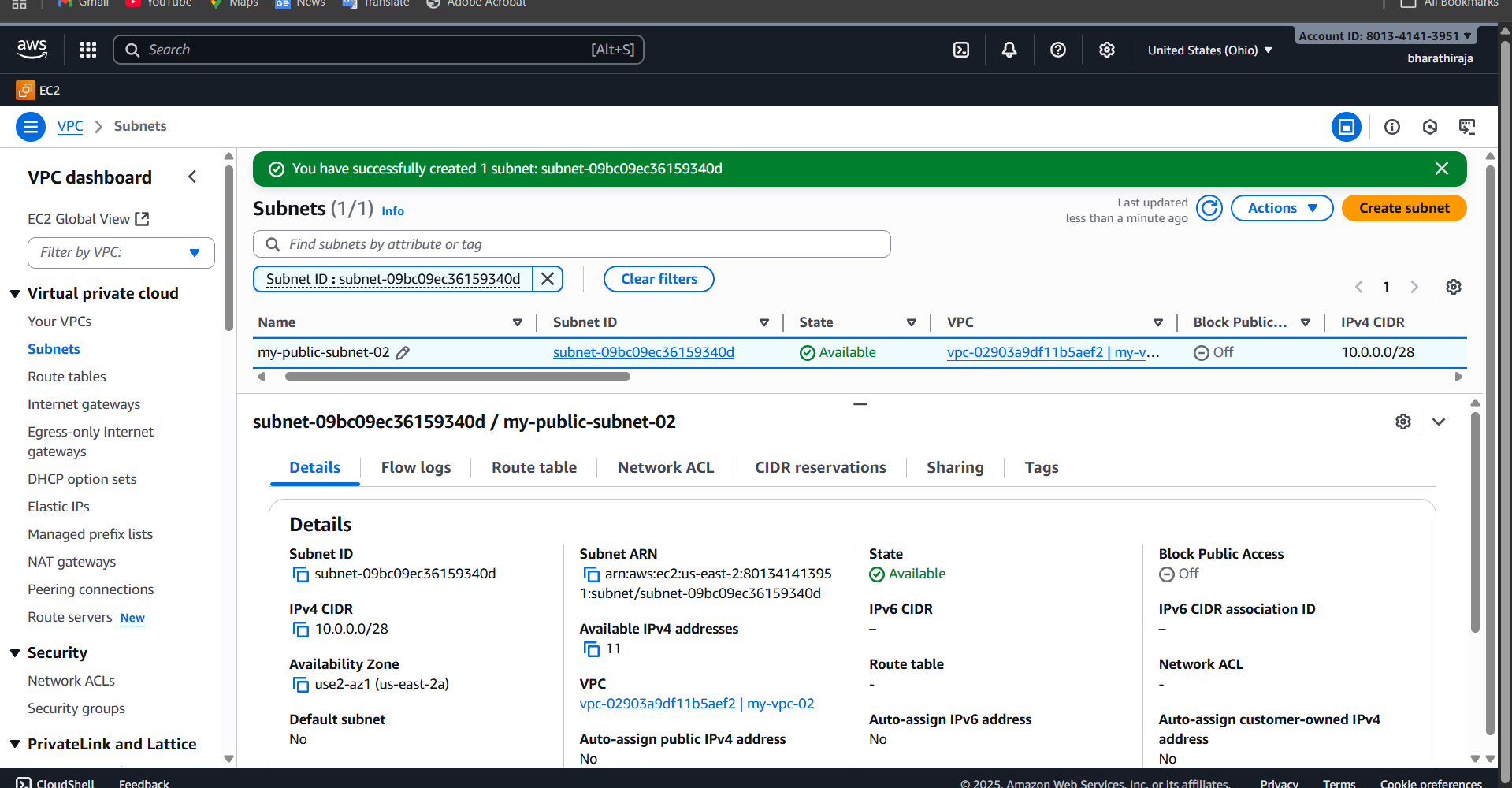
Go to the VPC page, top right corner, click Create VPC, go inside the page, give some details



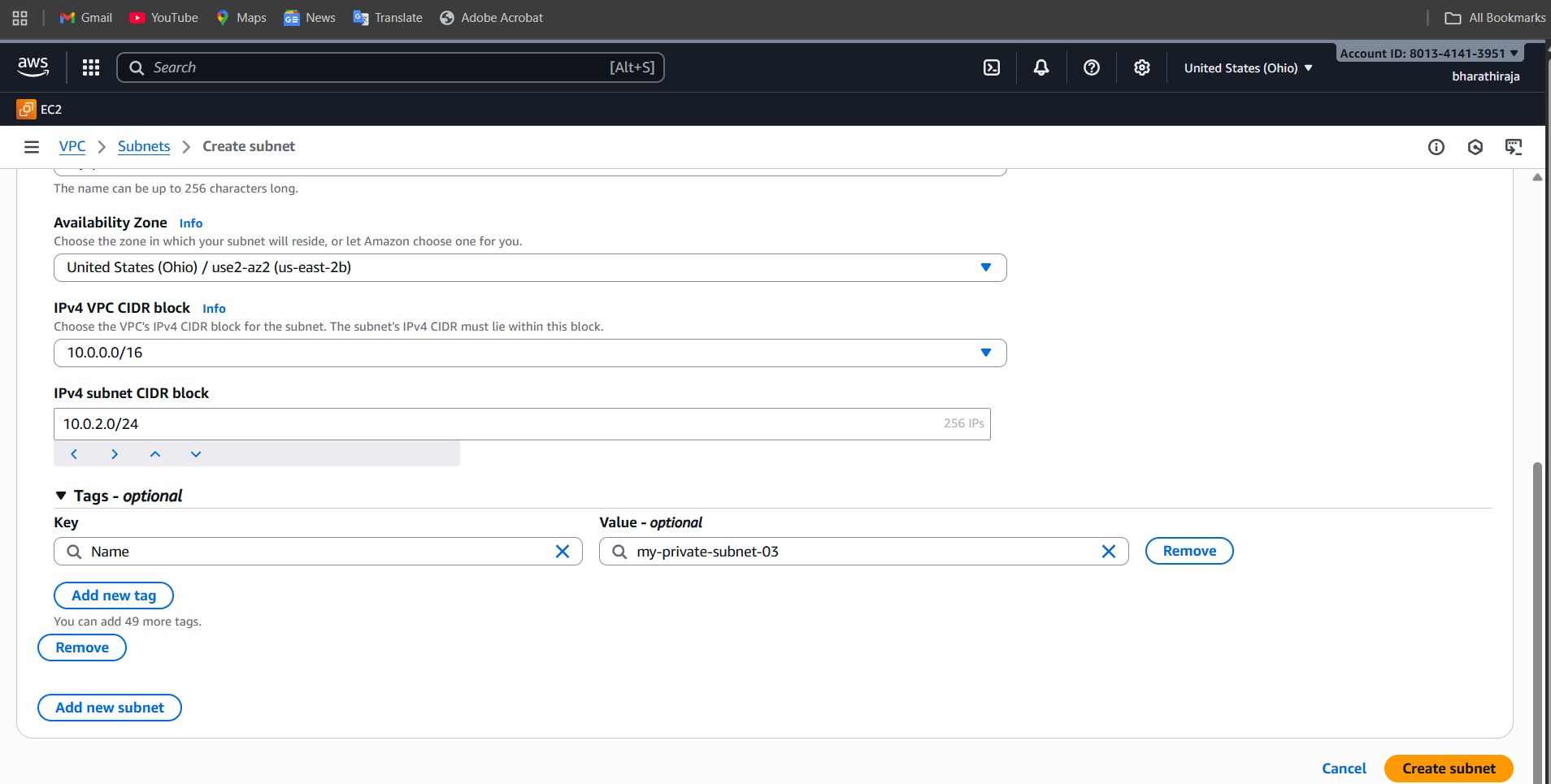
now created successful

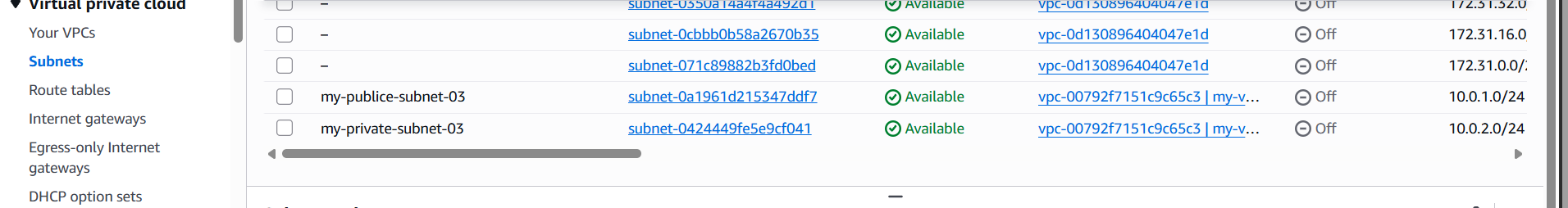


Created one public subnet

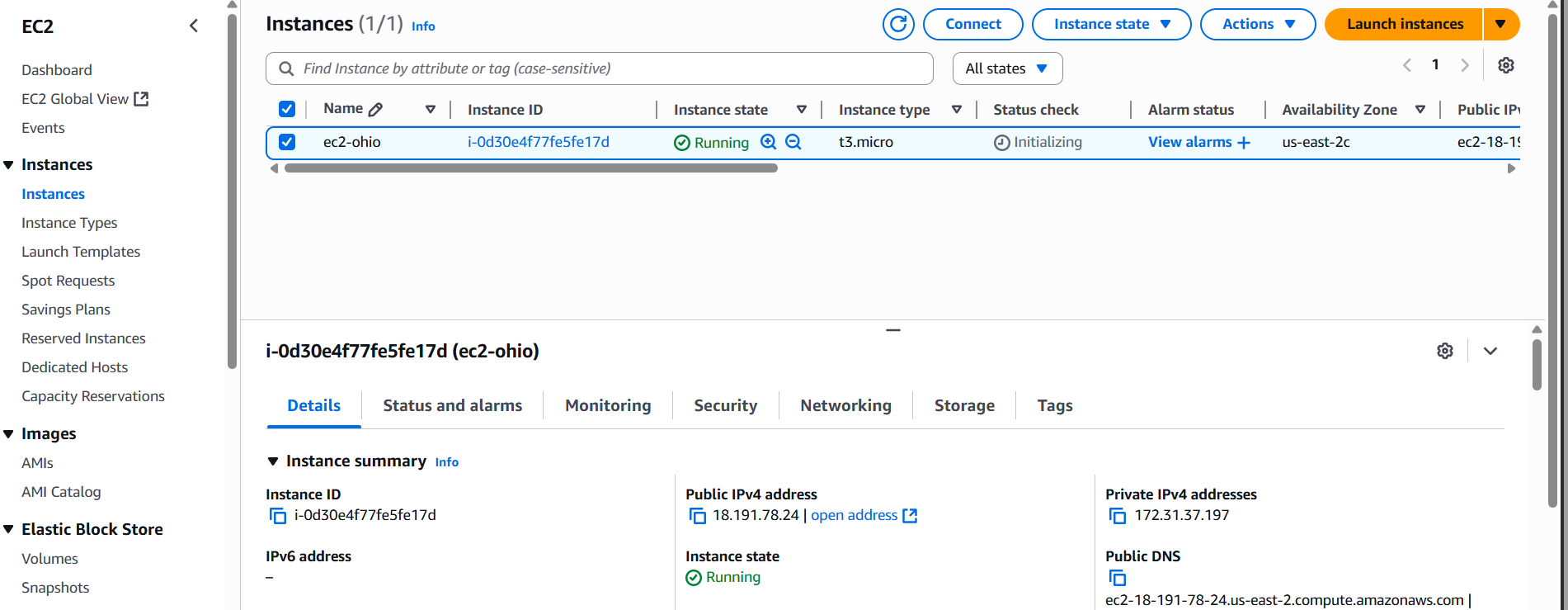


Private subnet



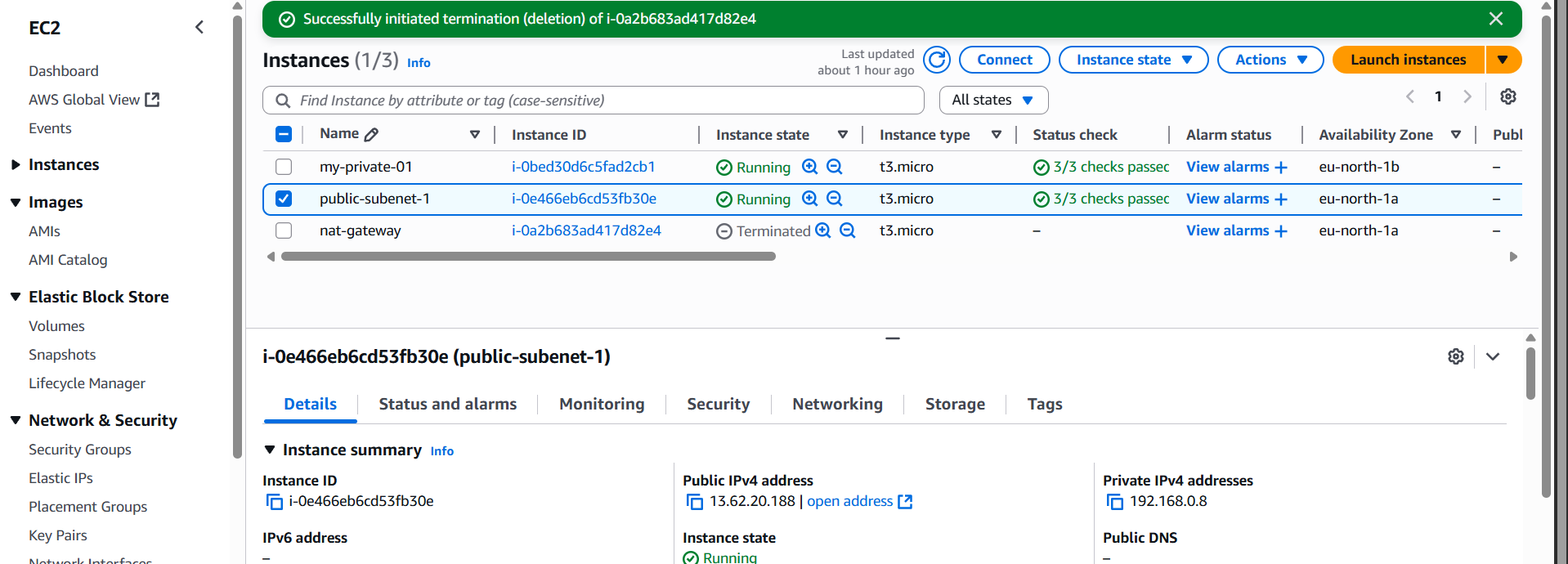


1. Enable VPC peering for cross-region.  
   create on ohia-ec2 and normal public ec2

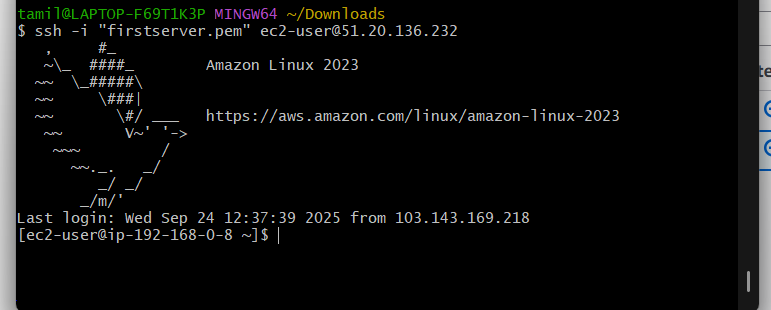


This public ec2 each ec2

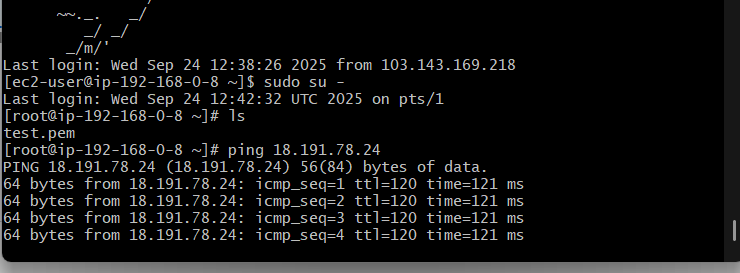
has a separate PEM key note it carefully



Connect the public ip with ec2 instance   
then copy the ip address of Ohio region



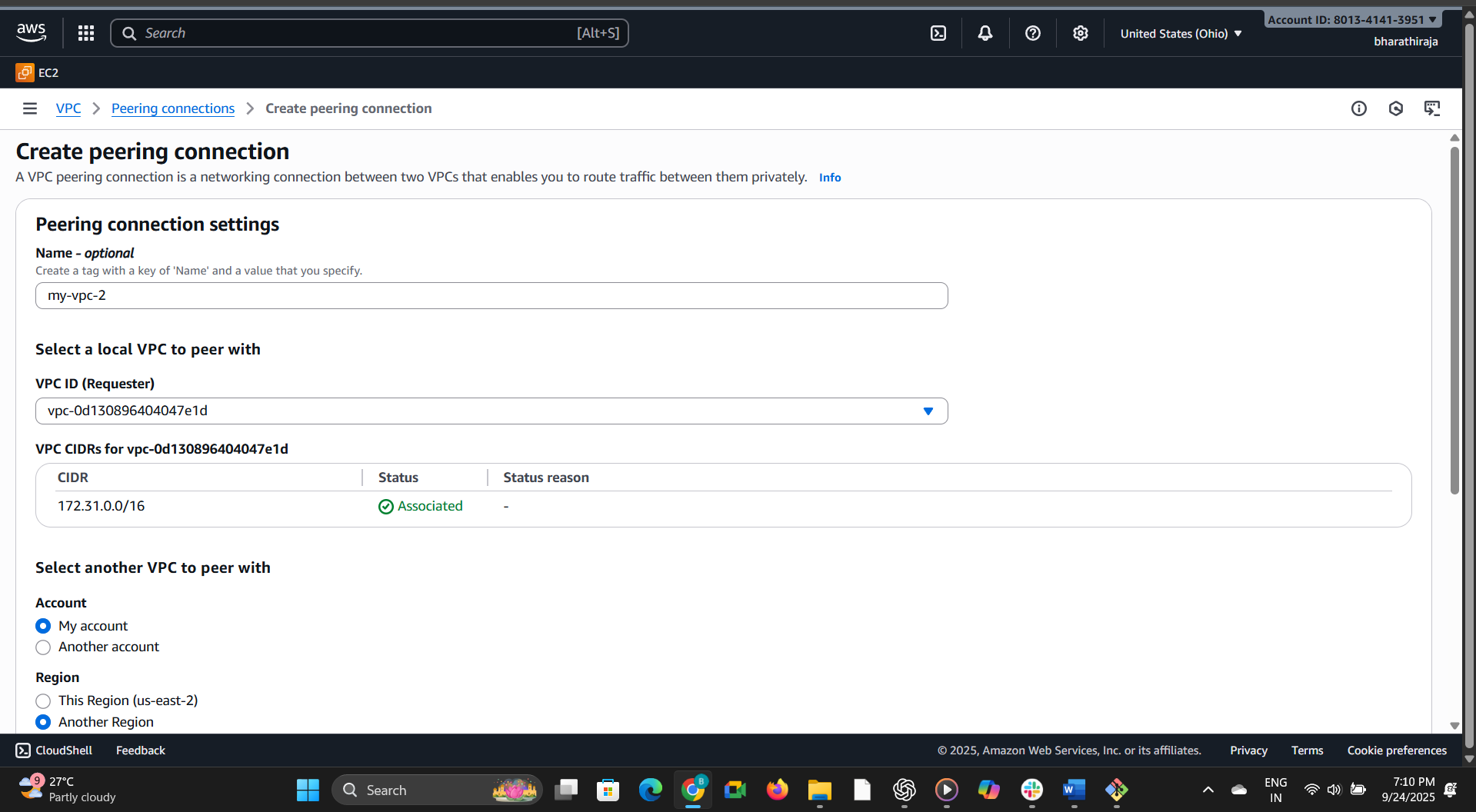
Chencge the user to root use to command (ping ip) it will communicate with both region



We can see two vpc communicate happinging

1. Enable VPC peering for cross-account (you can collaborate with your friend to do this task).

Create on vpc peering

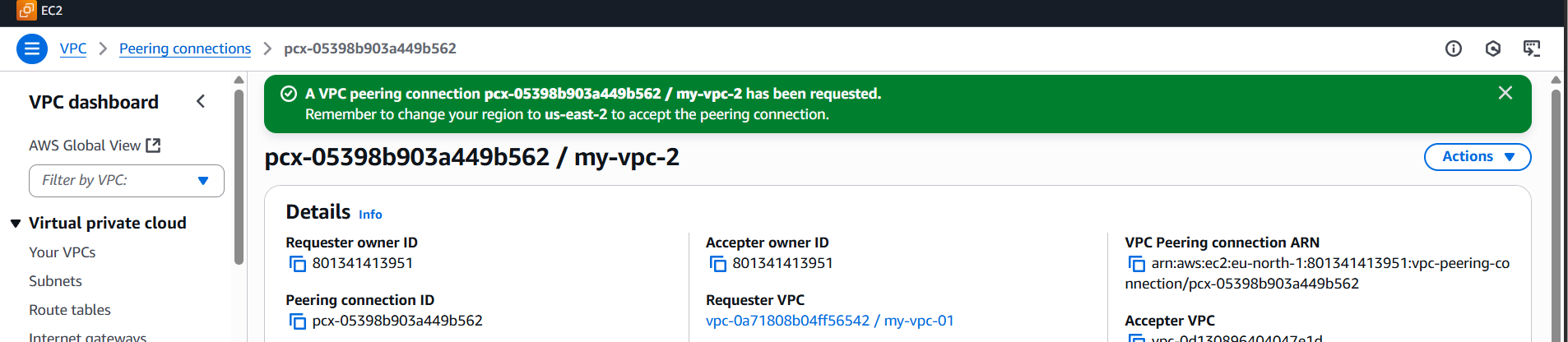


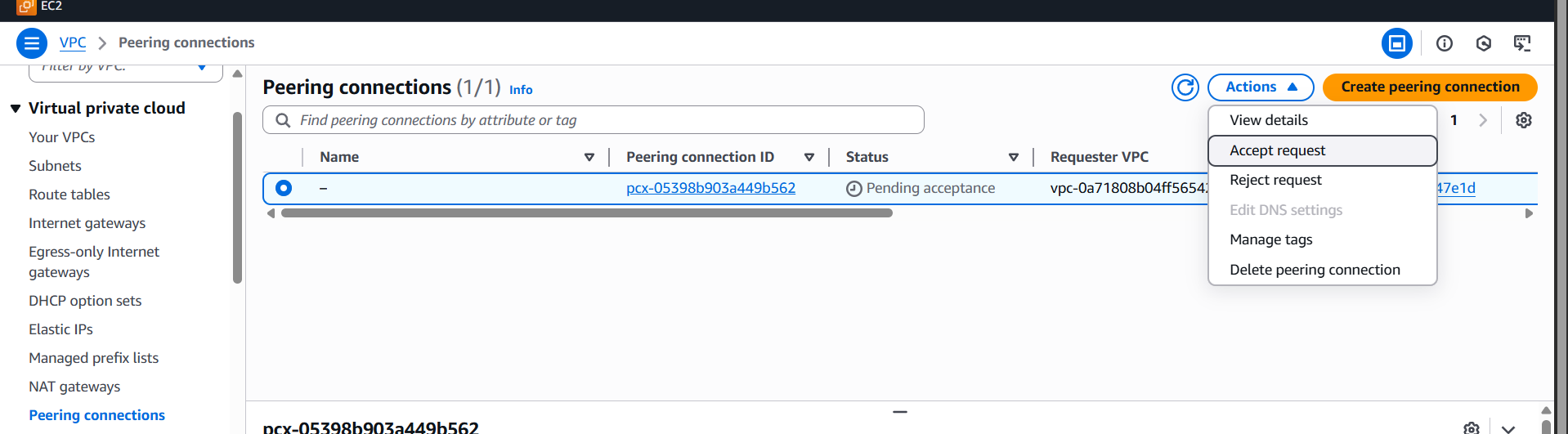
 Go to **VPC Dashboard** in Mumbai region.

 Click **Peering Connections → Create Peering Connection**.

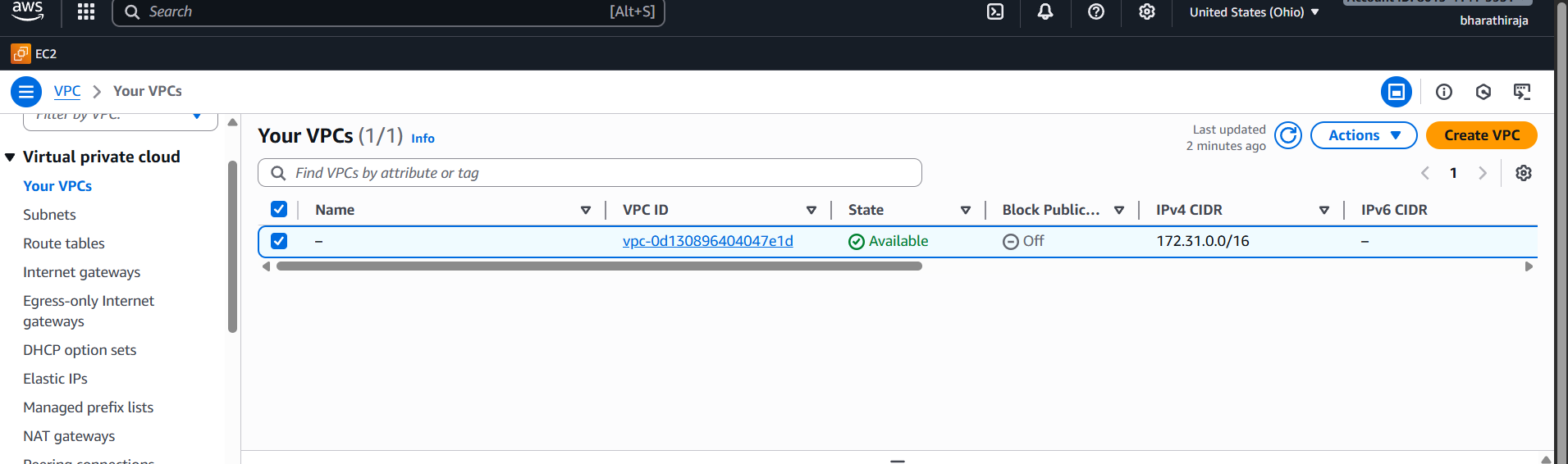
* Name: Mumbai-Singapore-Peer
* **Requester VPC**: Select VPC A (Mumbai).
* **Accepter Region**: Select **Singapore (ap-southeast-1)**.
*  Switch to **Singapore region**.
*  Go to **VPC → Peering Connections**.
*  You’ll see a pending request.
*  Select it → Click **Accept Request**

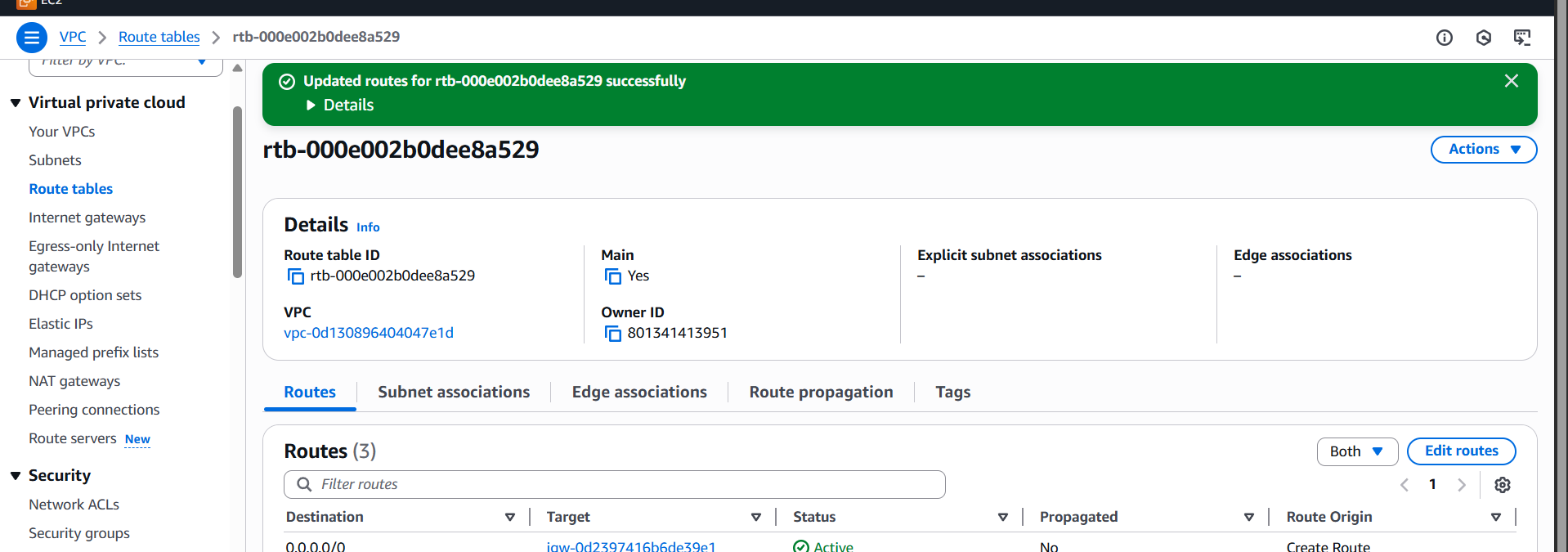
Vpc id should be copied from the other region VPC

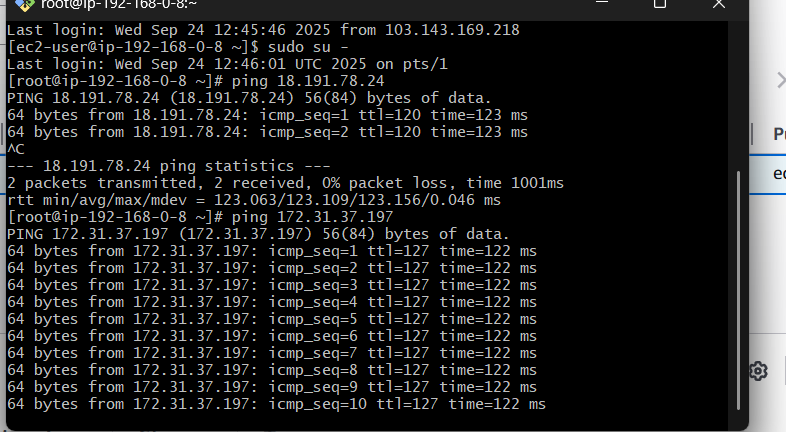
**  
you should accept the request ohia region (peer connection )**

****

**Copy the IPv4 CIDR from ohio region => pate to the route table**

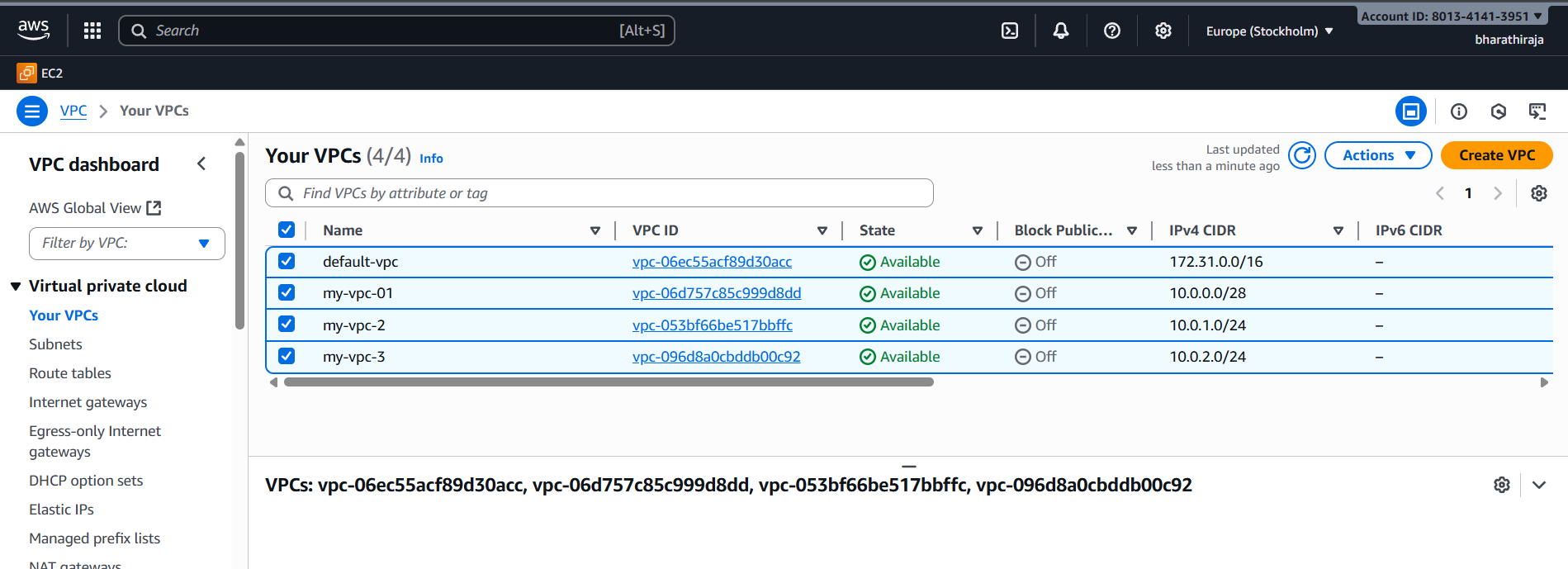
****

****

**I will connect the different region private ip   
**

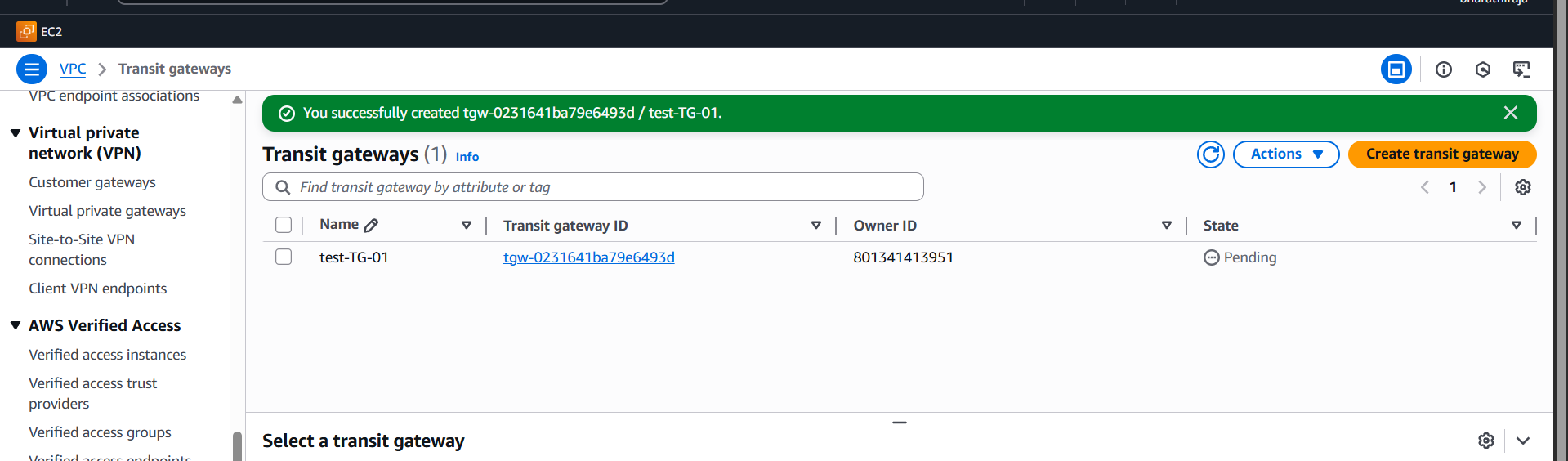
1. Set up a VPC Transit Gateway.

Creata 4 vpc

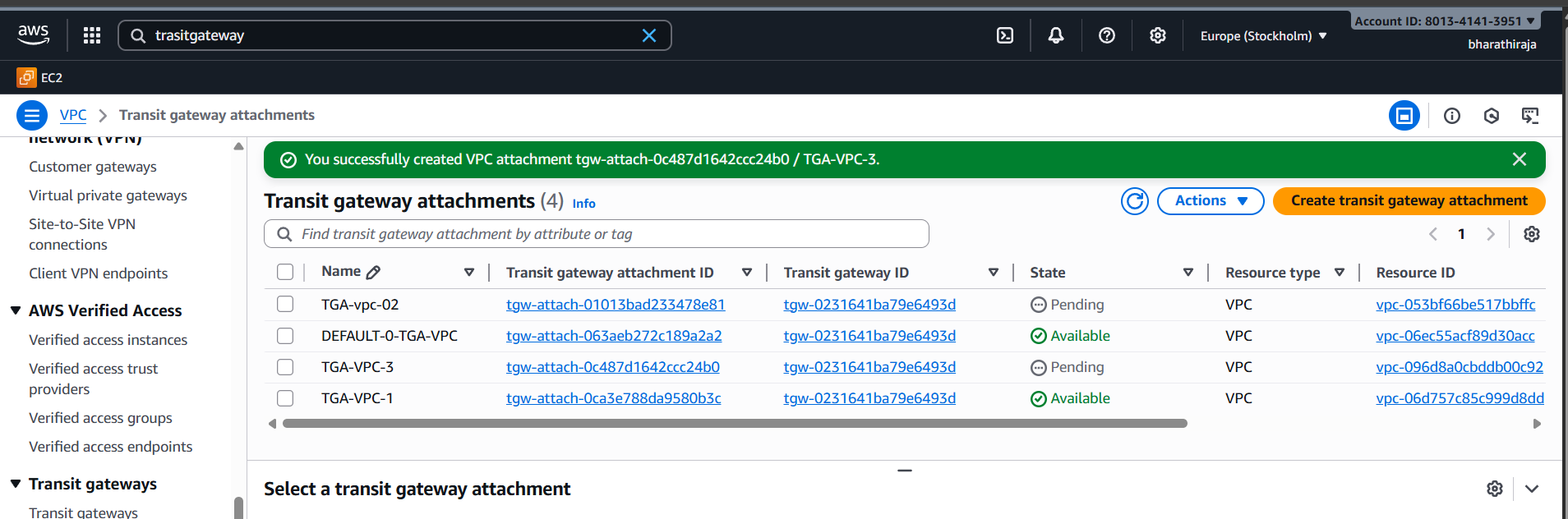


Creata 4 subnet

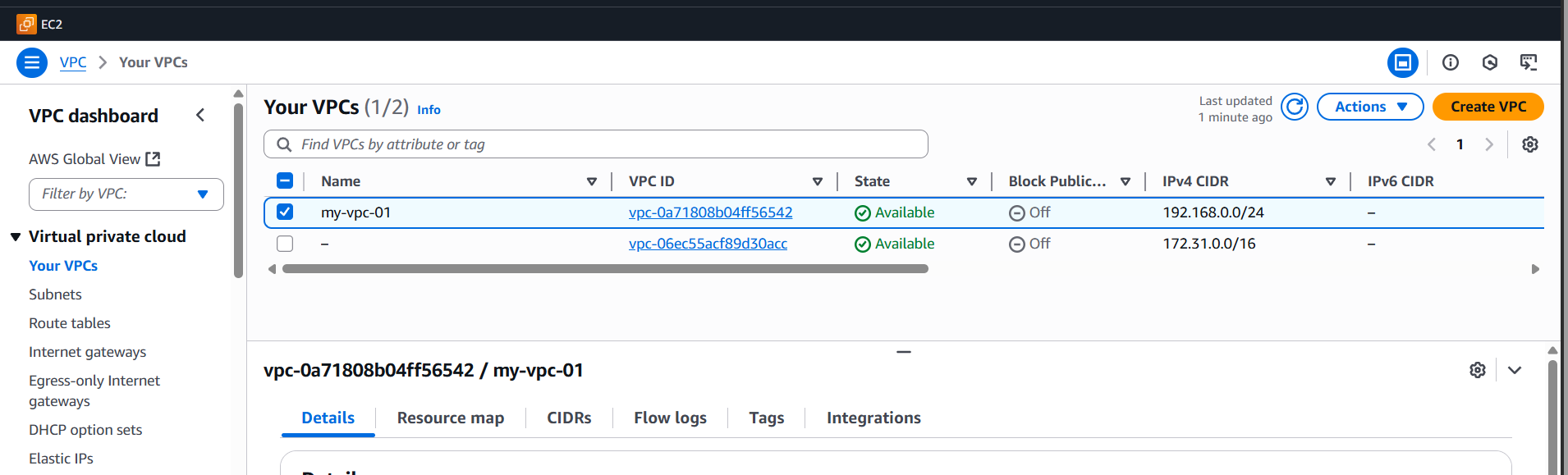
OPEN ONE TRASNIT GATEWAY

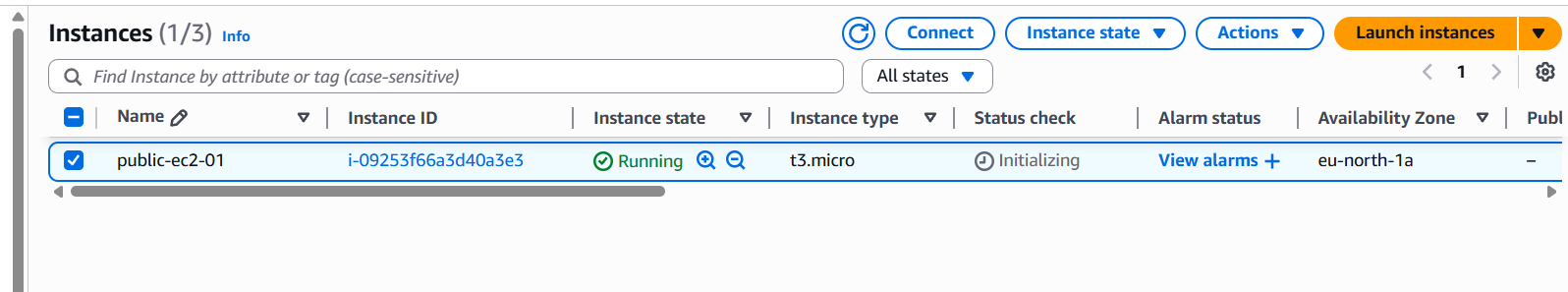


Open 4 transit gateway attachment

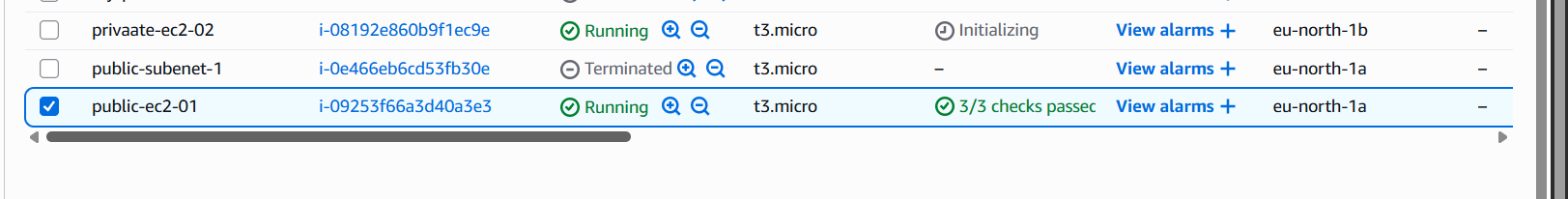


1. Set up a VPC Endpoint.

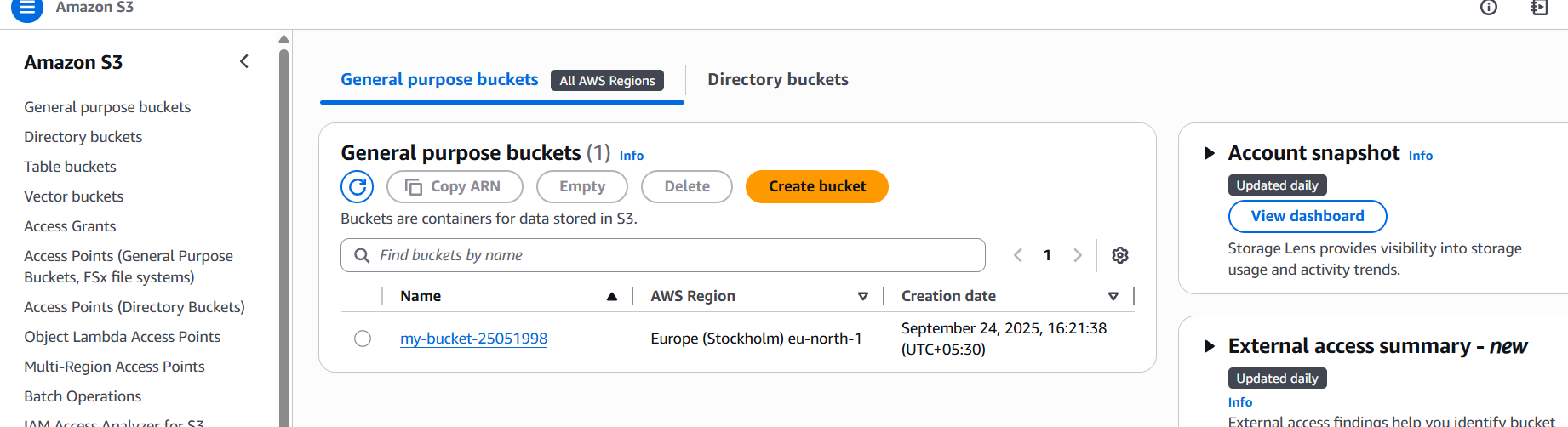


Open public-ec2 instance 

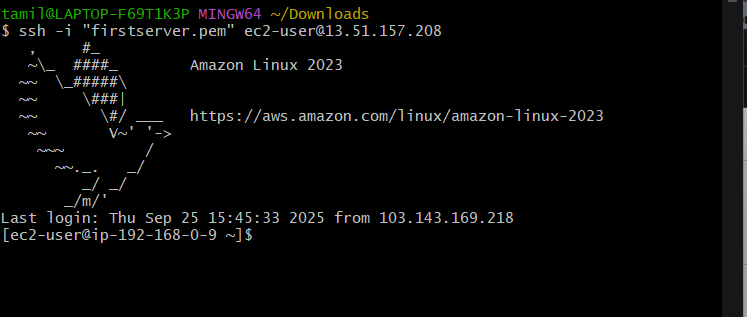
Open private ec2-02 instance



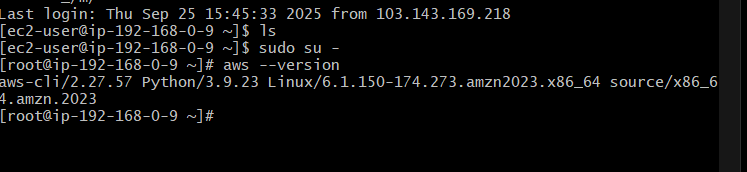
Created one s3 bucket



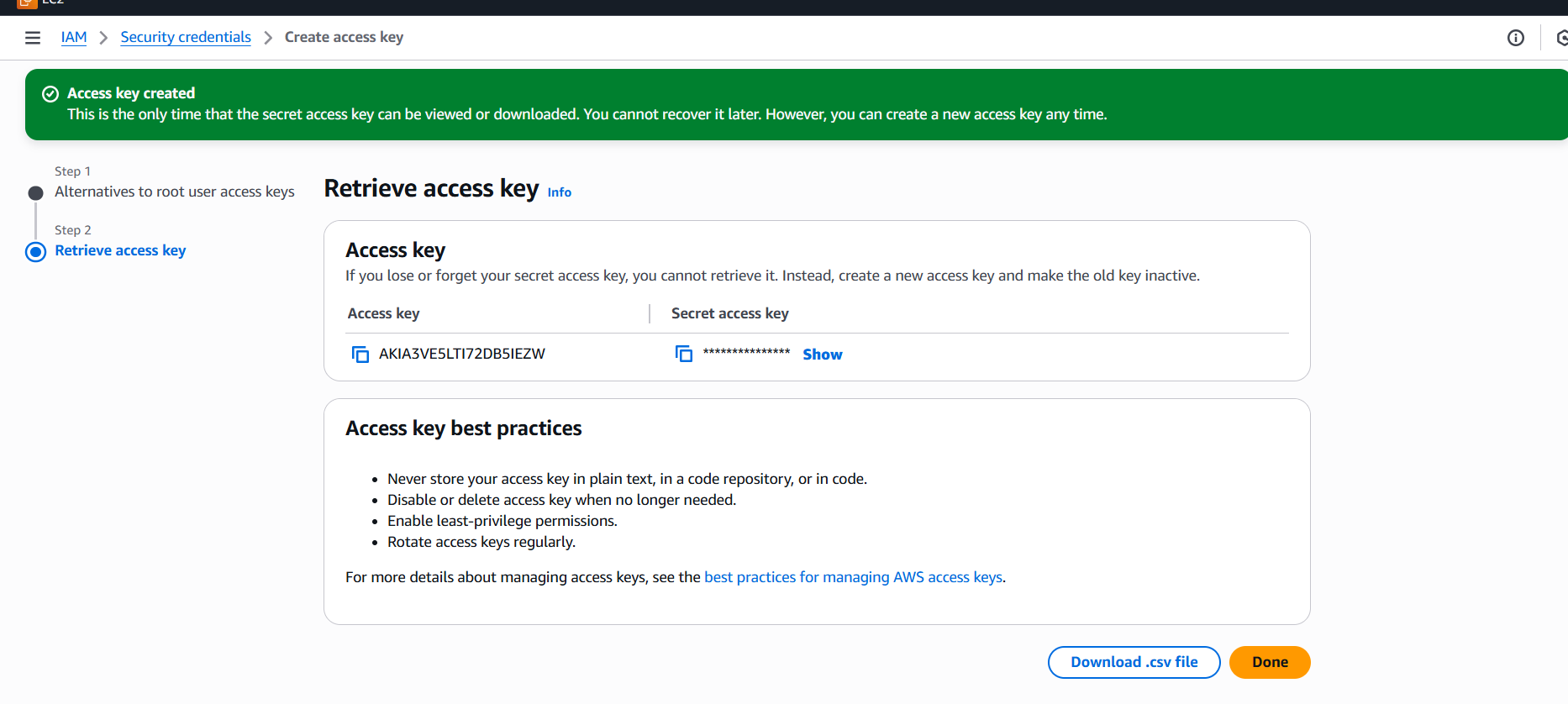
Now connect to the public EC2 instance

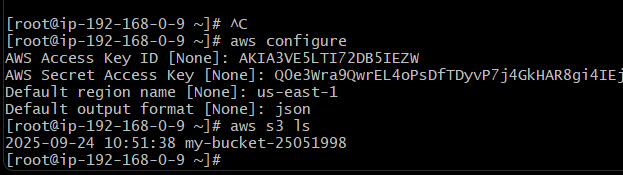


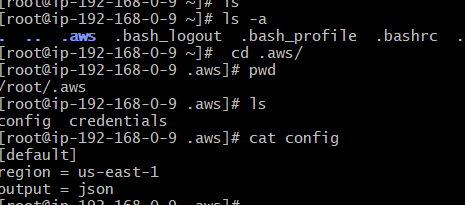
Check aws --version

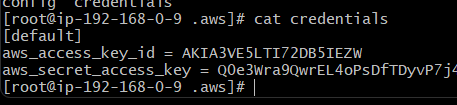


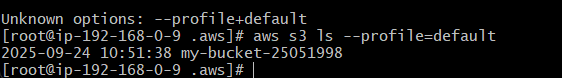
Create one access key and secret key and slo



  
we should give access key and secret key also   
default region and default format and these things we need to give then, so that we have created s3 bucket



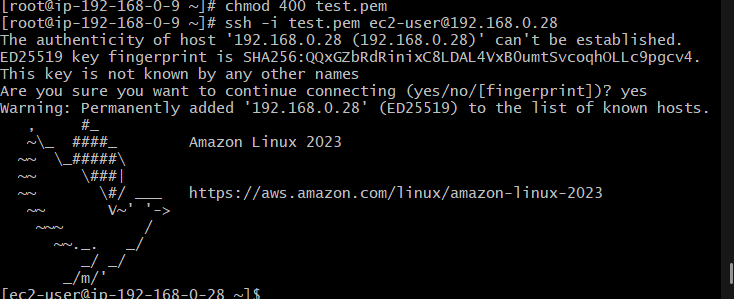
  
we can see the keys here



Connect the private id into the public instance

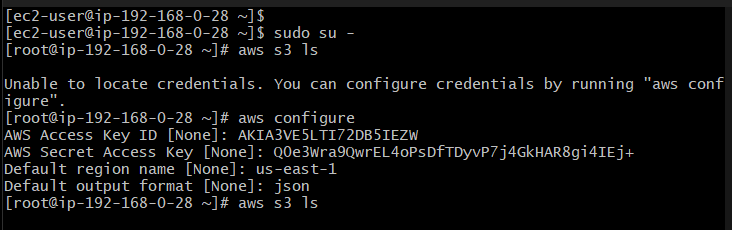


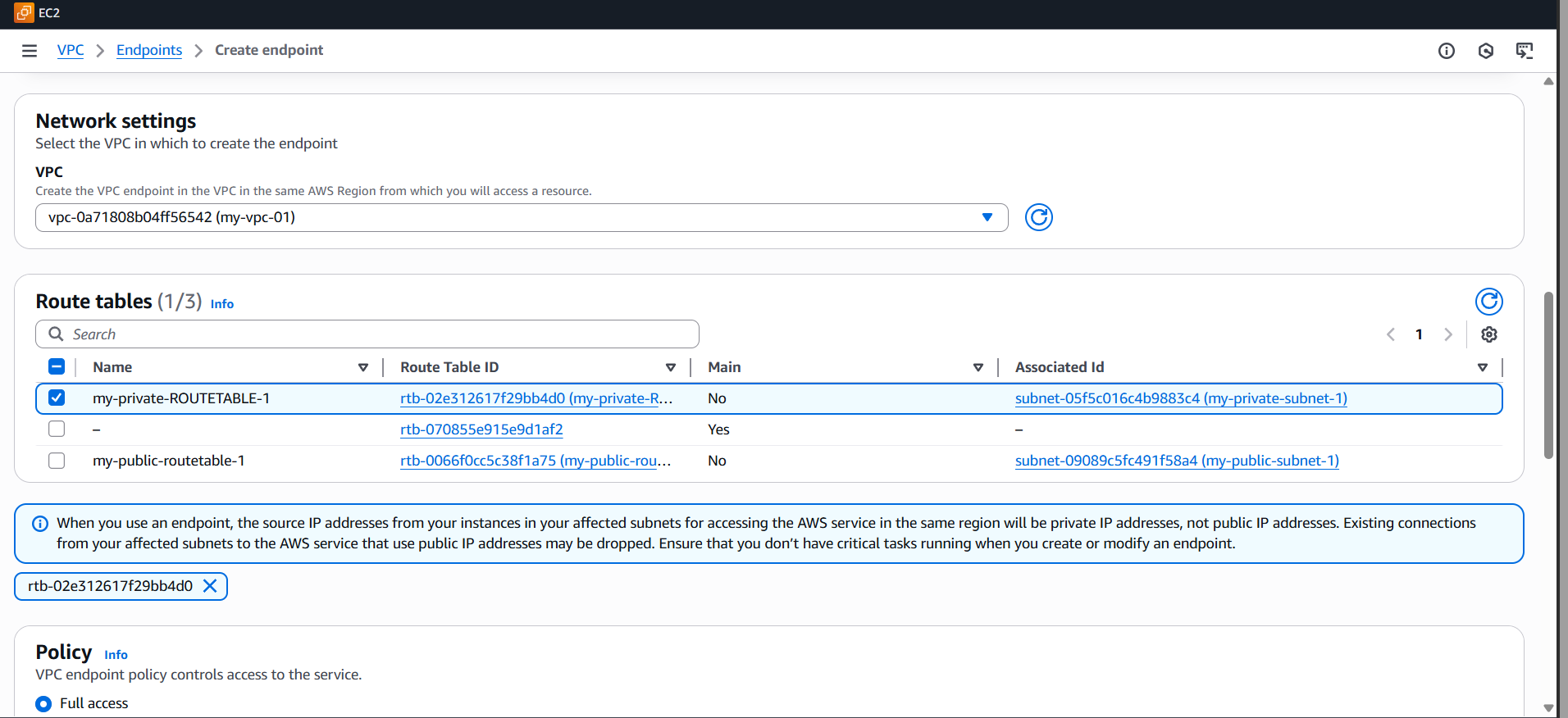
Connect the private ip to the public inside the instance



AKIA3VE5LTI72DB5IEZW

Q0e3Wra9QwrEL4oPsDfTDyvP7j4GkHAR8gi4IEj+

  
It does not connect because of we do not provide internet  
before we need an open VPC endpoint



Successfully created

