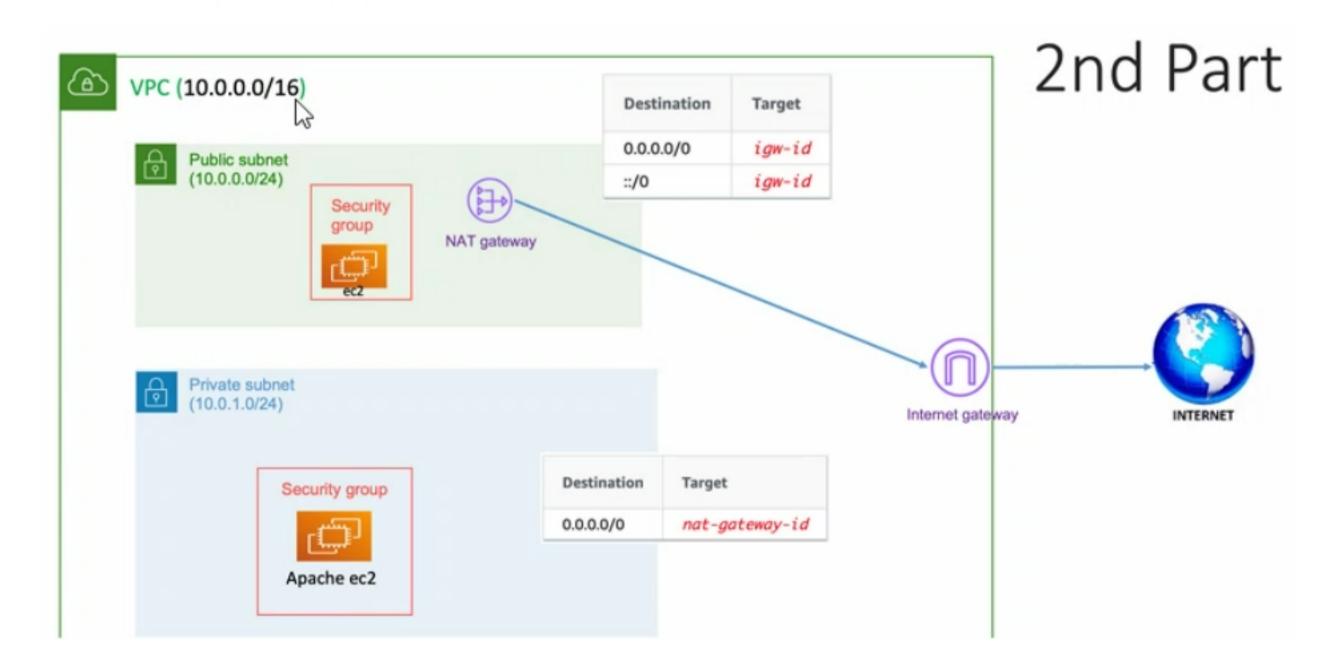
Public EC2 with Apache and Internet Gateway

Name: Mohamed Mostafa Mostafa Esmael

Track: System Administration

Branch: Aswan

Lab2:
Use variables for all arguments, output public_ip , private_ip , screenshot of the public ip from the browser, private ip logs also use count for creating subnets.





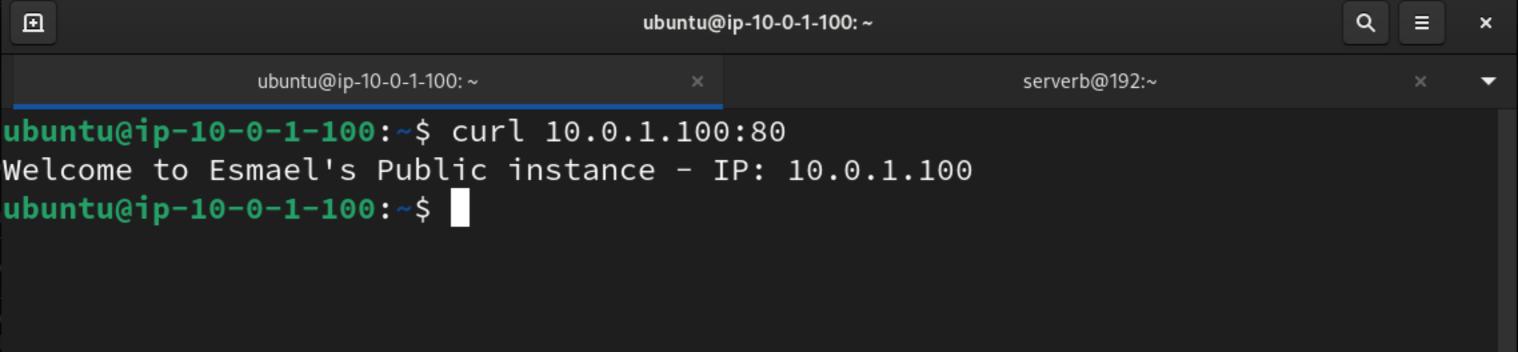












System information as of Mon Mar 24 13:52:04 UTC 2025

System load: 0.0 Processes: 107

Usage of /: 28.5% of 6.71GB Users logged in:

Memory usage: 22% IPv4 address for enX0: 10.0.2.46

Swap usage: 0%

* Management:

* Support:

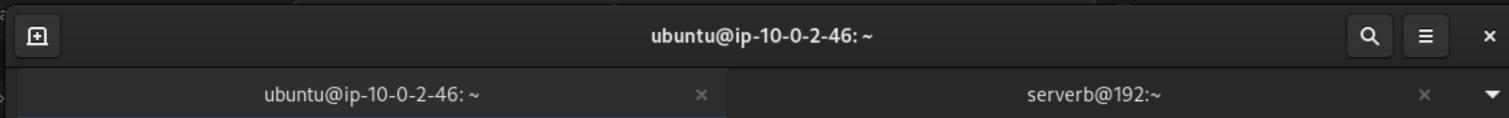
ⅎ

Expanded Security Maintenance for Applications is not enabled.

150 undates can be annlied immediately

ubuntu@ip-10-0-2-46: ~

dbuileugip to o t too. Y



ubuntu@ip-10-0-2-46:~\$ curl 10.0.2.46:80
Welcome to Esmael's Private instance - IP: 10.0.2.46
ubuntu@ip-10-0-2-46:~\$

```
aws_route_table.private_rt: Creating...
aws_route_table.private_rt: Creation complete after 3s [id=rtb-0d3ce4bf8d82bbe93]
aws_route_table_association.private_assoc: Creating...
aws_route_table_association.private_assoc: Creation complete after 2s [id=rtbassoc-0df194b5c01d183db]

Apply complete! Resources: 16 added, 0 changed, 0 destroyed.

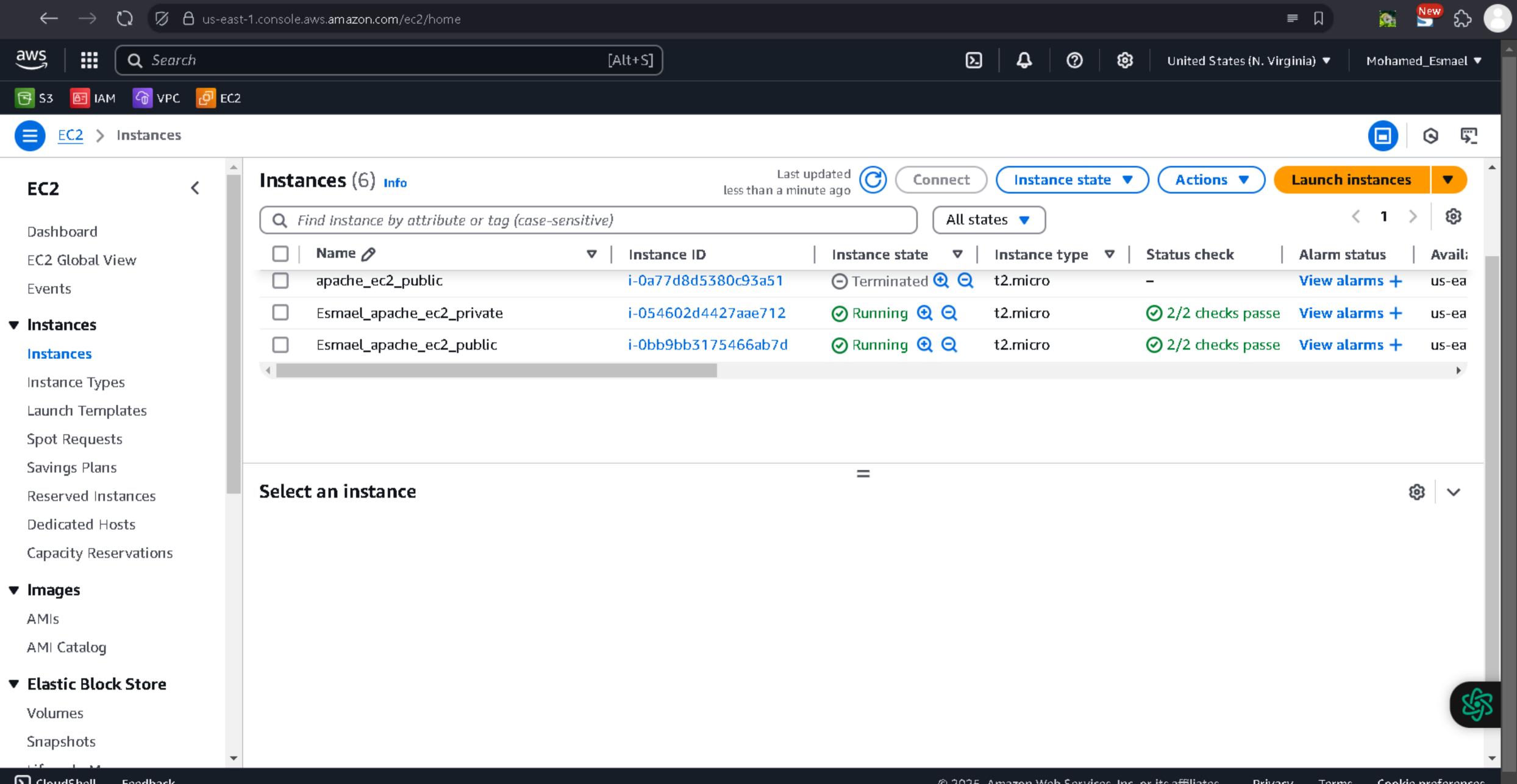
Outputs:
```

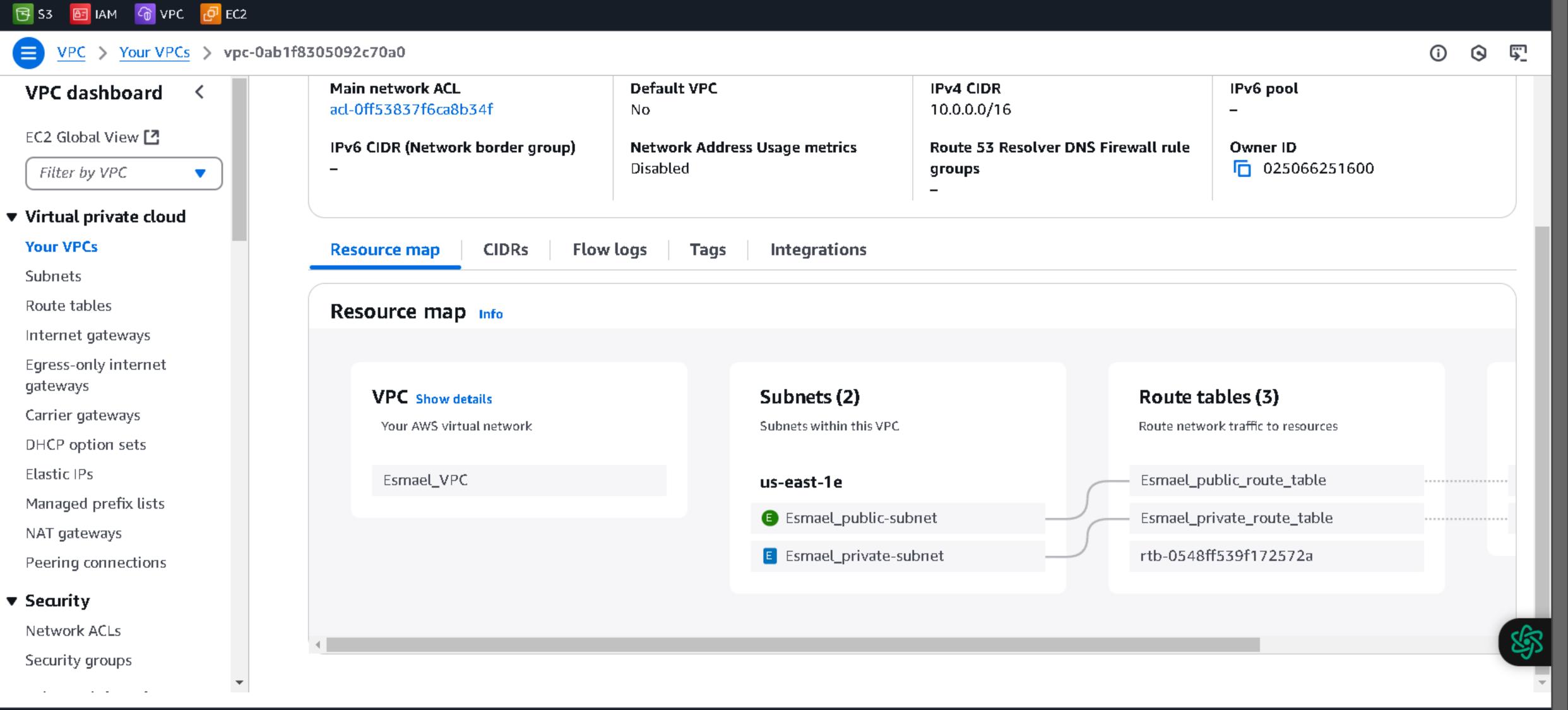
aws nat gateway.nat: Creation complete after 1m39s [id=nat-0f144026c96e38ef5]

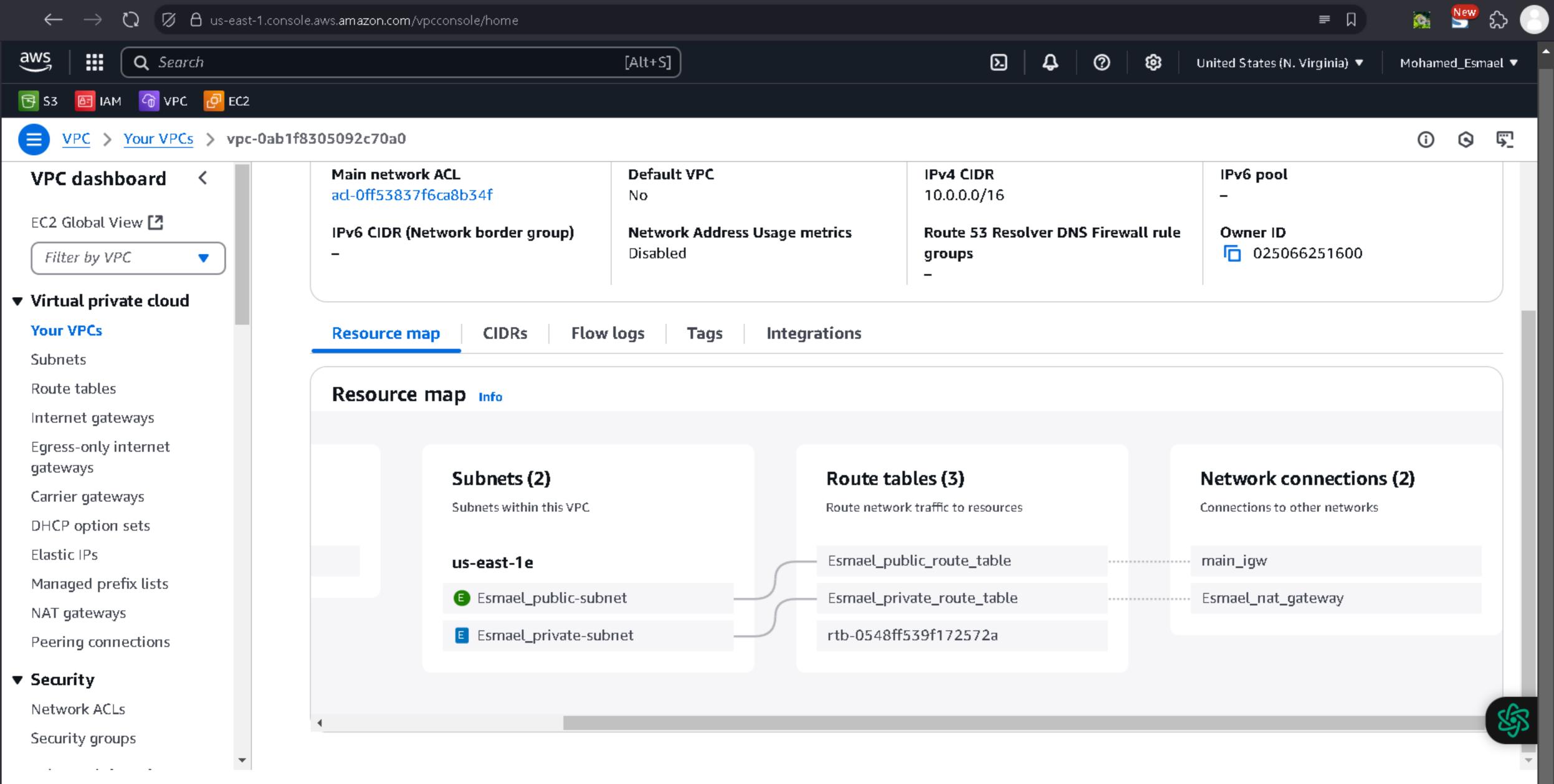
elastic ip = "35.168.141.18"

[serverb@192 task2]\$

private_apache_private_ip = "10.0.2.46"
public_apache_private_ip = "10.0.1.100"
public apache public ip = "34.204.95.82"







NAT gateways

Network ACLs

Security groups

▼ Security

Peering connections

nat-0f144026c96e38ef5 / Esmael_nat_gateway





Actions ▼



NAT gateway ID

nat-0f144026c96e38ef5

NAT gateway ARN

arn:aws:ec2:us-east-1:025066251600:natgateway/nat-0f144026c96e38ef5

vpc-0ab1f8305092c70a0 /

Connectivity type

Public

Primary public IPv4 address

35.168.141.18

Subnet

subnet-01a96da5c8acf8741 / Esmael_public-subnet

State

Available

Primary private IPv4 address

10.0.1.171

Created

Monday, March 24, 2025 at 15:42:13 GMT+2

State message Info

Primary network interface ID

eni-05715fde1a6a4a92e [2

Deleted

Secondary IPv4 addresses

Monitoring

Tags

Tags

Q Search tags

Key

Name





Manage tags



