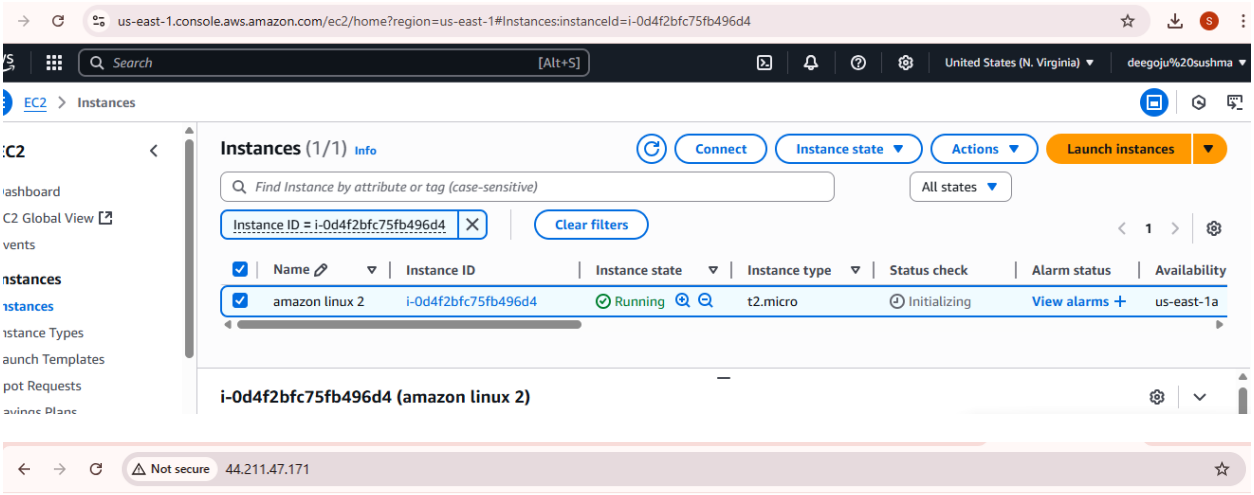
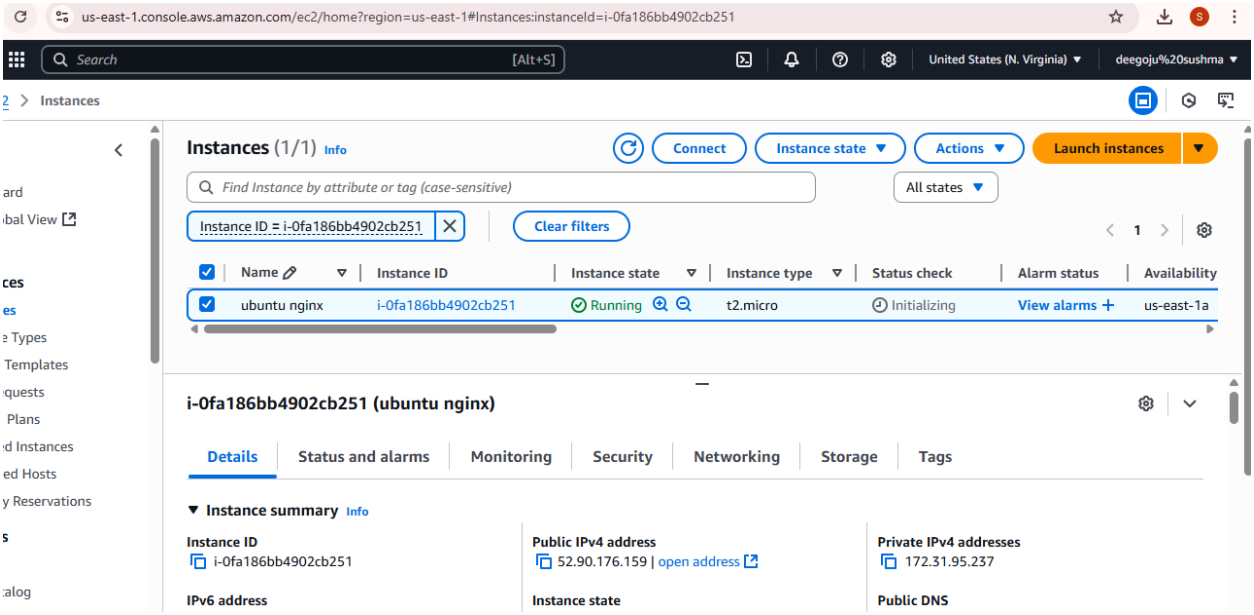
1) Launch one ec2 using Amazon Linux2 image and add script in user data to install Apache.

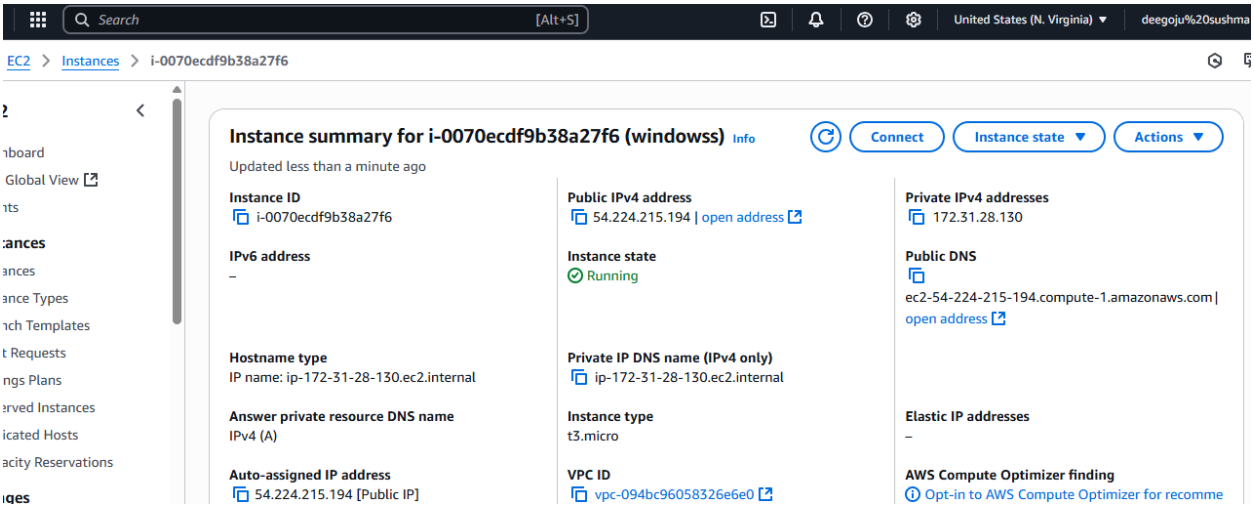


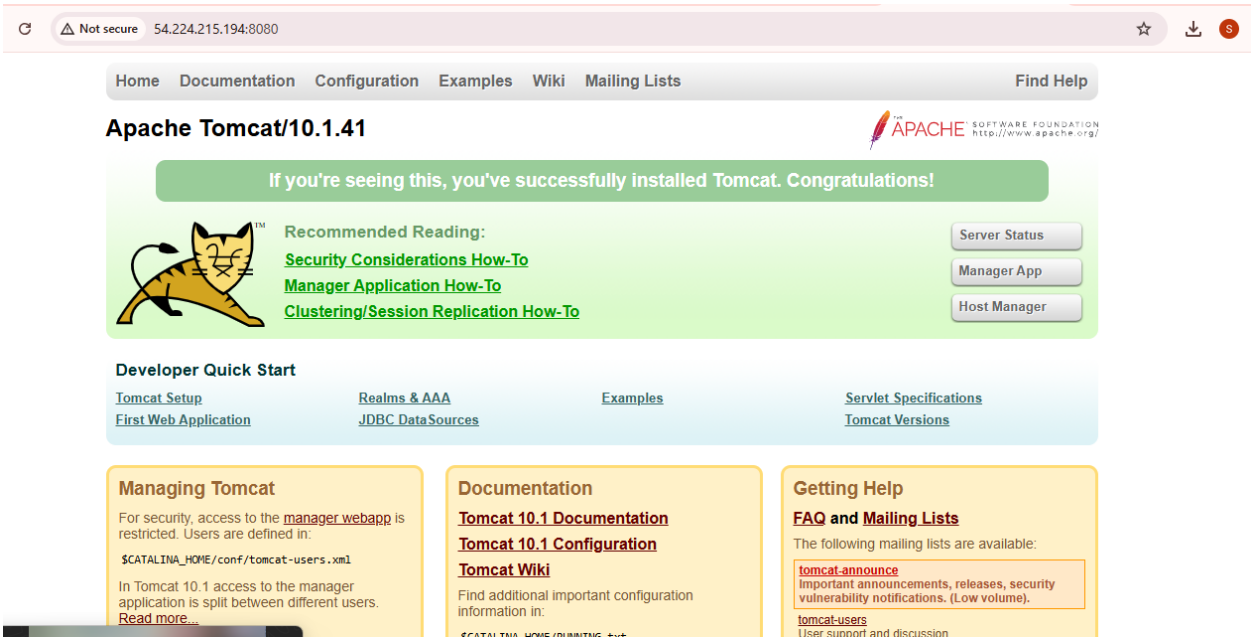
Apache Web Server is running on Amazon Linux 2

2) Launch one ec2 using Ubuntu image and add script in user data to install Nginx.

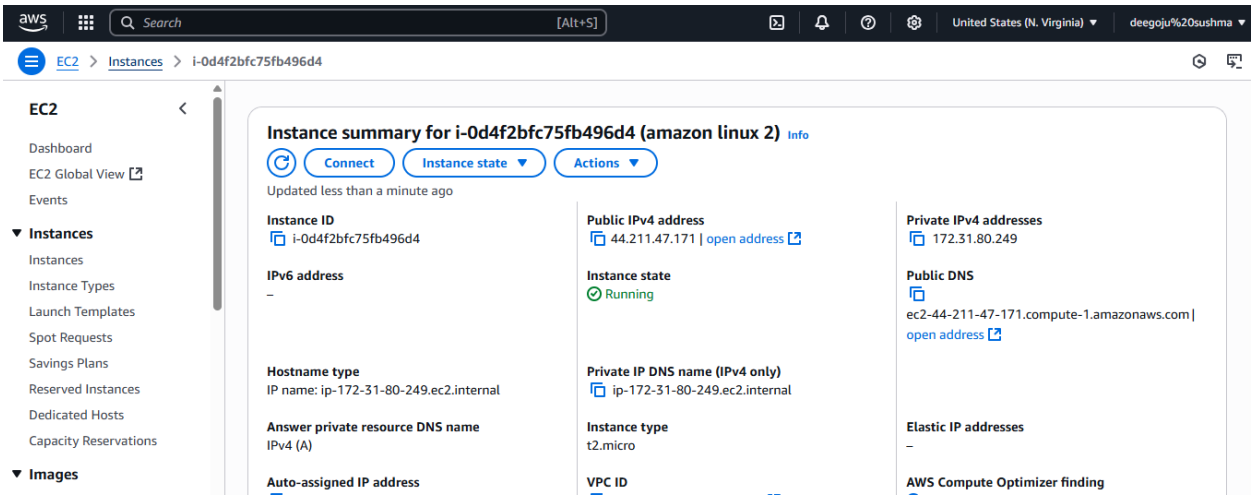


3) Launch one windows server and install tomcat in windows.





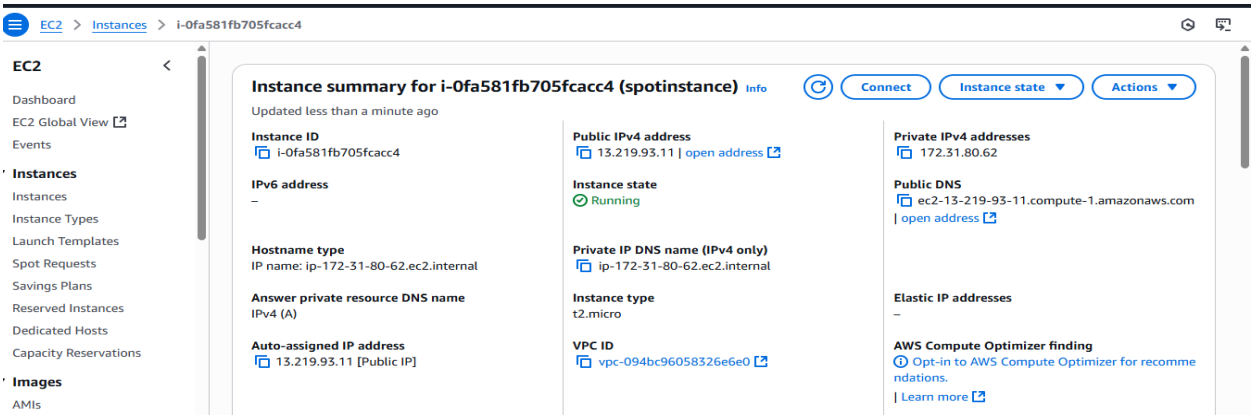
4) Take snapshot of the instance created in Task 1.

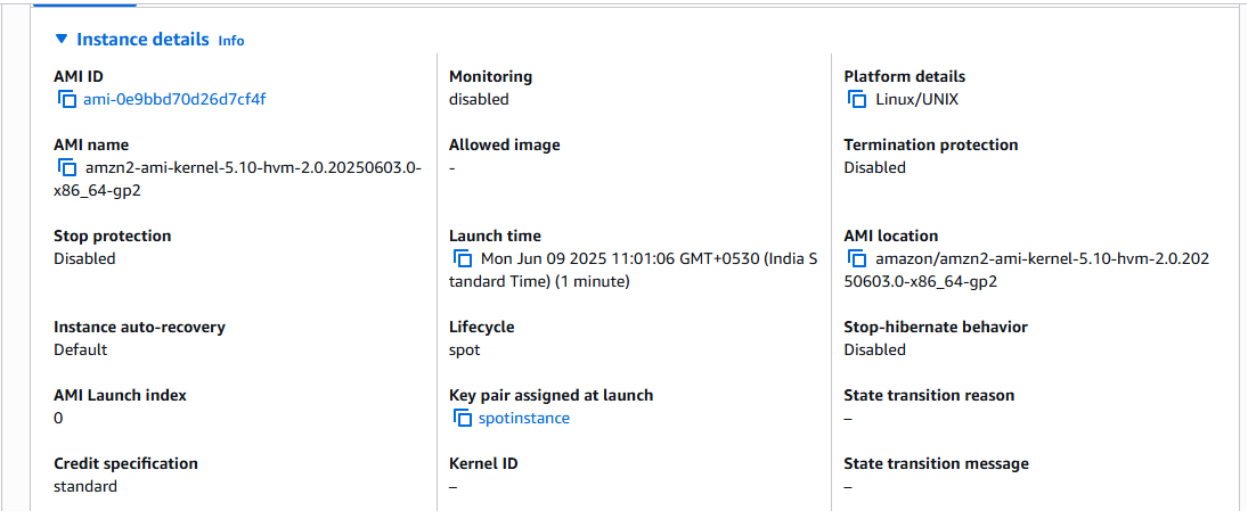


5) Assign password less authentication for ec2 created on Task 2.

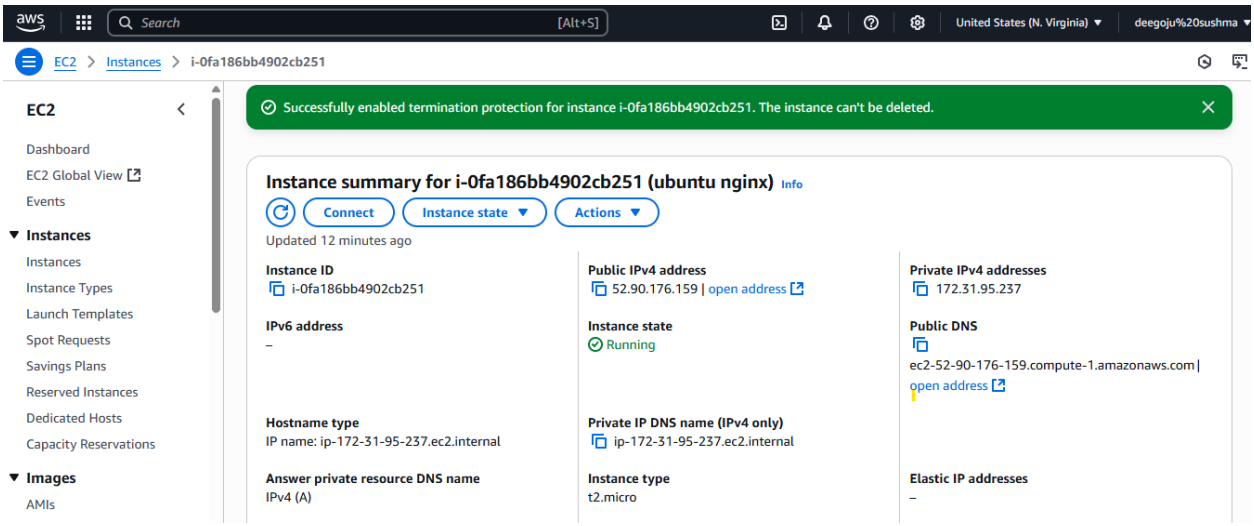
```
PC@DESKTOP-8IMOQCN MINGW64 ~/downloads
$ ssh -i "C:\Users\PC\.ssh\my-key" ubuntu@52.90.176.159
Enter passphrase for key 'C:\Users\PC\.ssh\my-key':
Enter passphrase for key 'C:\Users\PC\.ssh\my-key':
Enter passphrase for key 'C:\Users\PC\.ssh\my-key':
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.8.0-1029-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/pro

 System information as of Mon Jun  9 05:26:01 UTC 2025

  System load:  0.0               Processes:             110
  Usage of /:   29.0% of 6.71GB   Users logged in:       1
  Memory usage: 22%               IPv4 address for enX0: 172.31.95.237
  Swap usage:   0%


Expanded Security Maintenance for Applications is not enabled.

9 updates can be applied immediately.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status


Last login: Mon Jun  9 05:07:40 2025 from 103.143.169.218
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
```

6) Launch any ec2 using spot purchasing option.

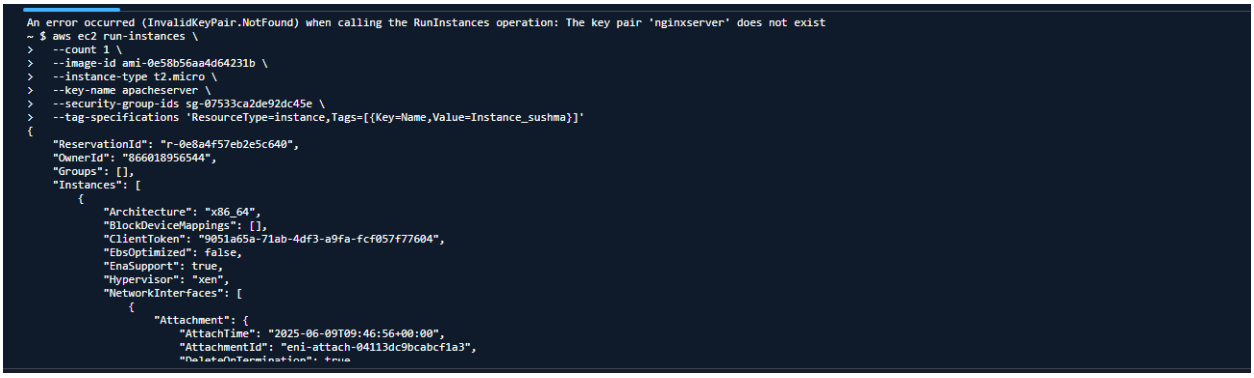


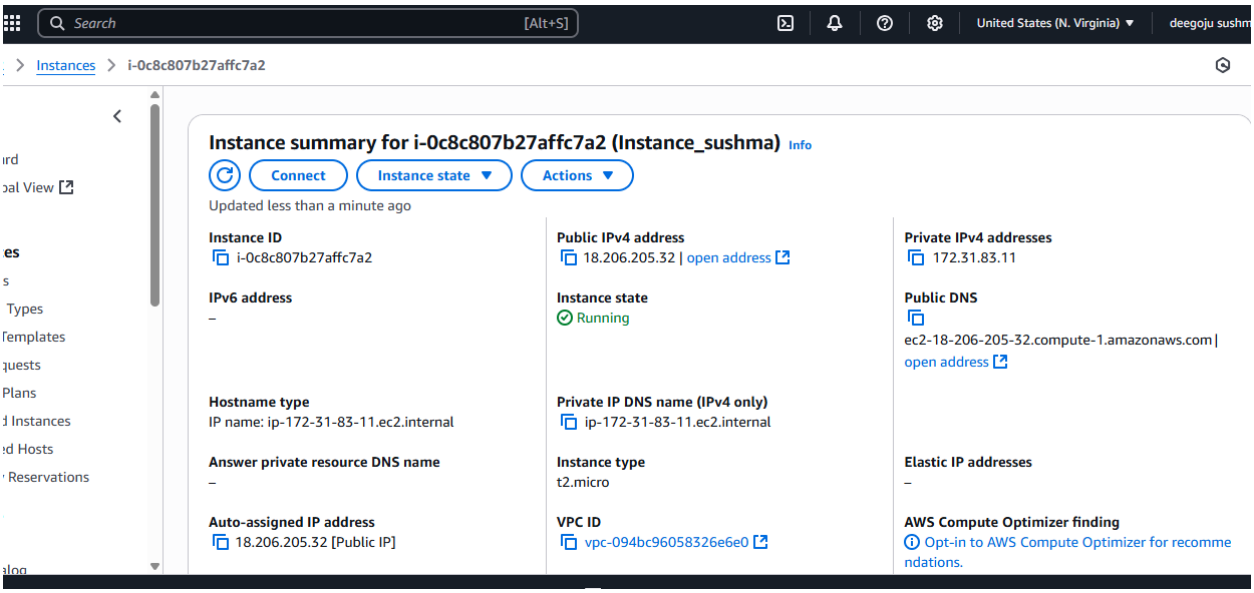


7) Enable Termination policy on ec2 created in Task 2.



8) Launch one ec2 using Aws CLI.




Search
[Alt+S]
United States (N. Virginia)
deegoju sushm
Instances
i-0c8c807b27affc7a2
Instance summary for i-0c8c807b27affc7a2 (Instance_sushma) Info
Connect
Instance state
Actions
Updated less than a minute ago
Instance ID
i-0c8c807b27affc7a2
Public IPv4 address
18.206.205.32 | open address
Private IPv4 addresses
172.31.83.11
IPv6 address
–
Instance state
Running
Public DNS
ec2-18-206-205-32.compute-1.amazonaws.com | open address
Hostname type
IP name: ip-172-31-83-11.ec2.internal
Private IP DNS name (IPv4 only)
ip-172-31-83-11.ec2.internal
Answer private resource DNS name
–
Instance type
t2.micro
Elastic IP addresses
–
Auto-assigned IP address
18.206.205.32 [Public IP]
VPC ID
vpc-094bc96058326e6e0
AWS Compute Optimizer finding
Opt-in to AWS Compute Optimizer for recommendations.