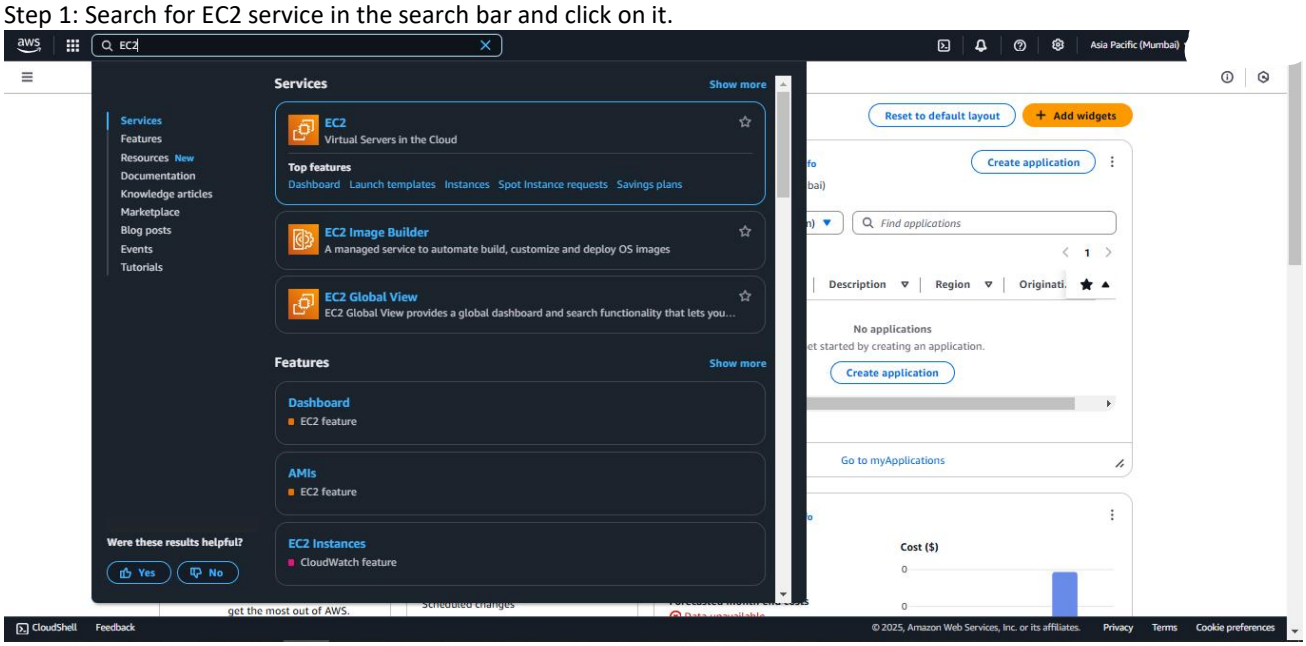
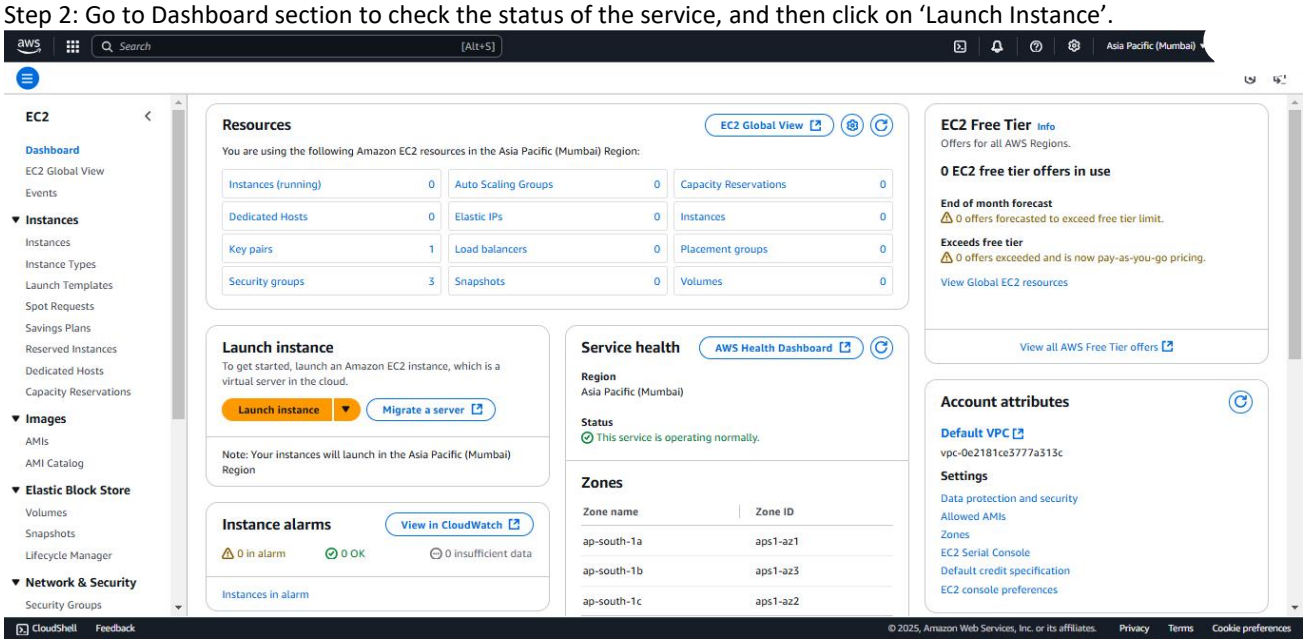
Assignment : 7

Hosting a website on EC2.

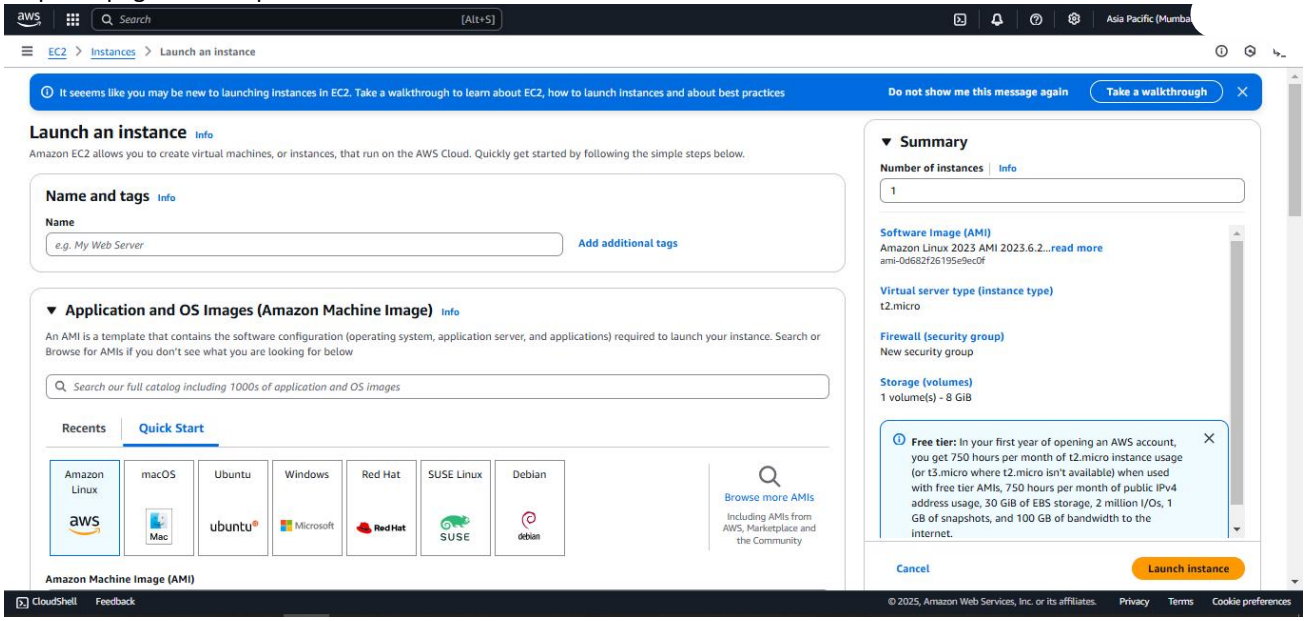
Step 1: Search for EC2 service in the search bar and click on it.



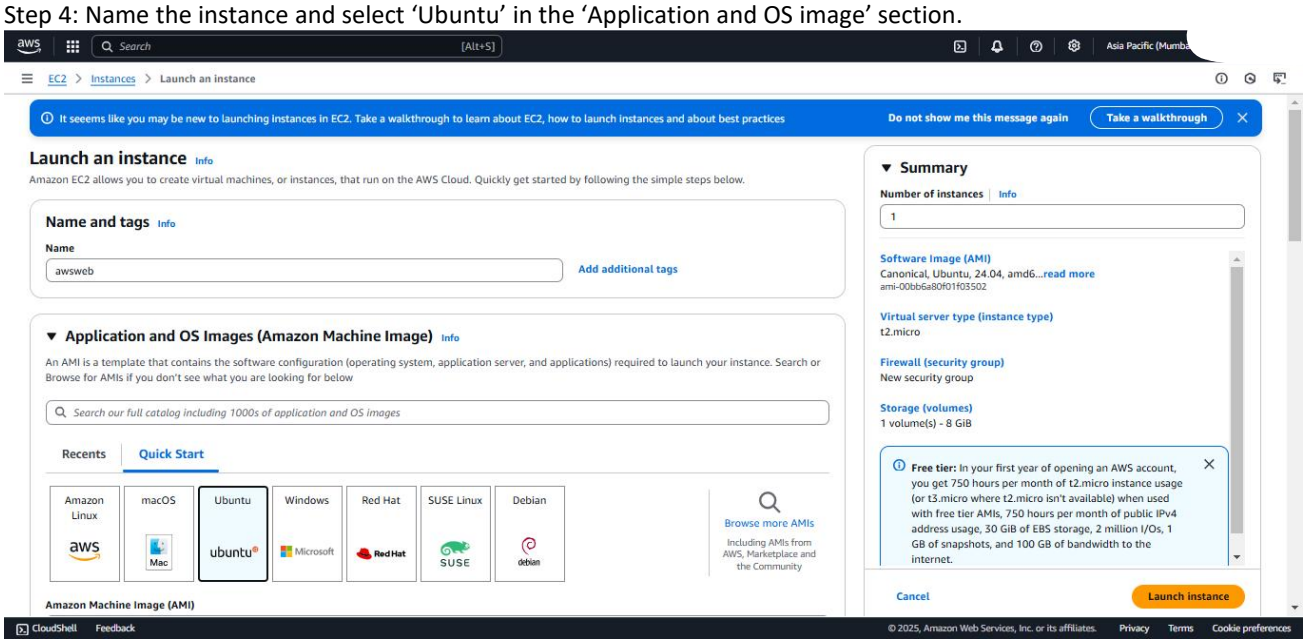
Step 2: Go to Dashboard section to check the status of the service, and then click on 'Launch Instance'.



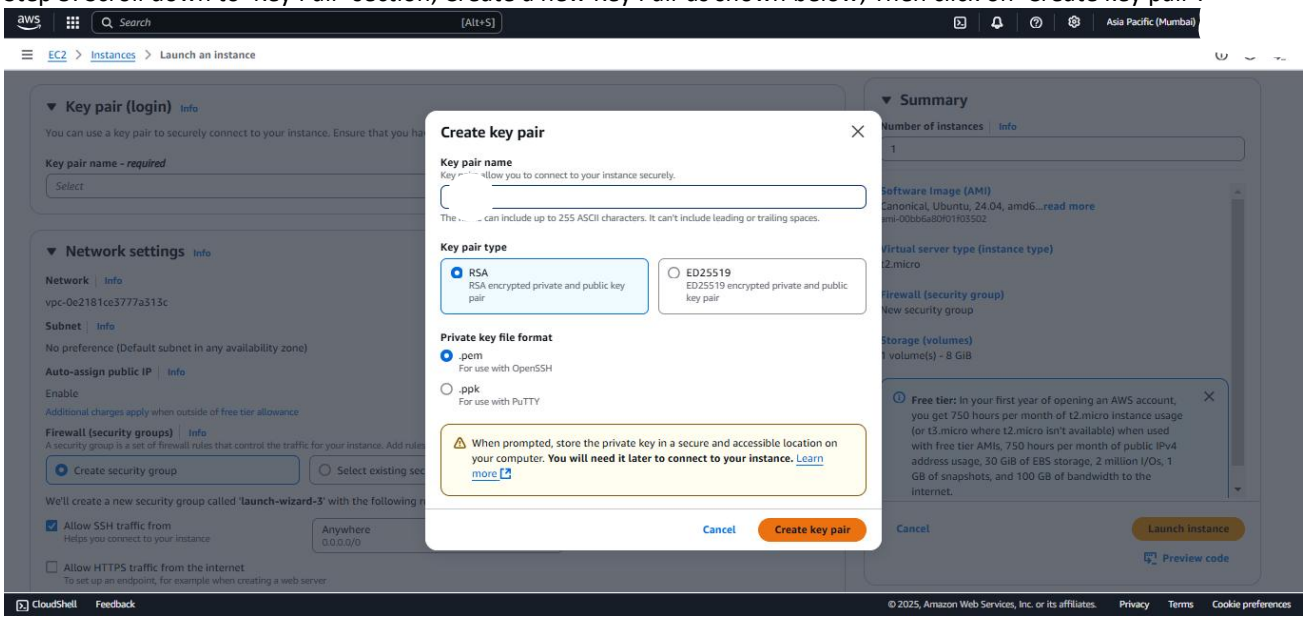
Step 3: A page will be open to launch an instance as below.



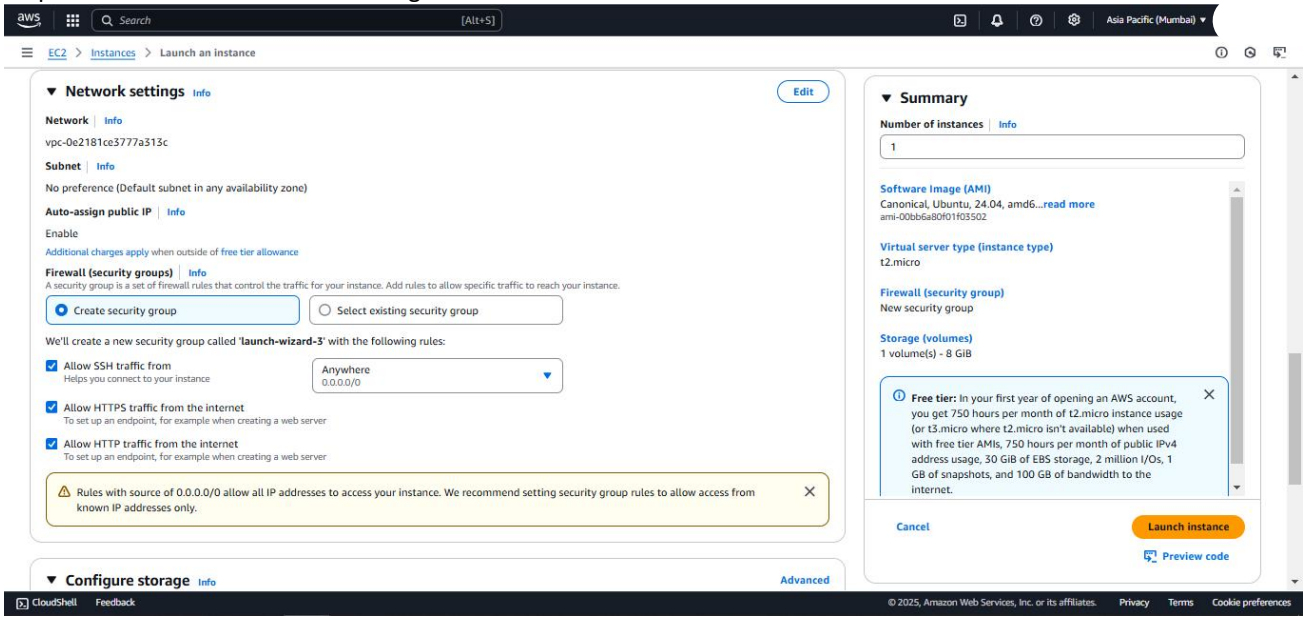
Step 4: Name the instance and select ‘Ubuntu’ in the ‘Application and OS image’ section.



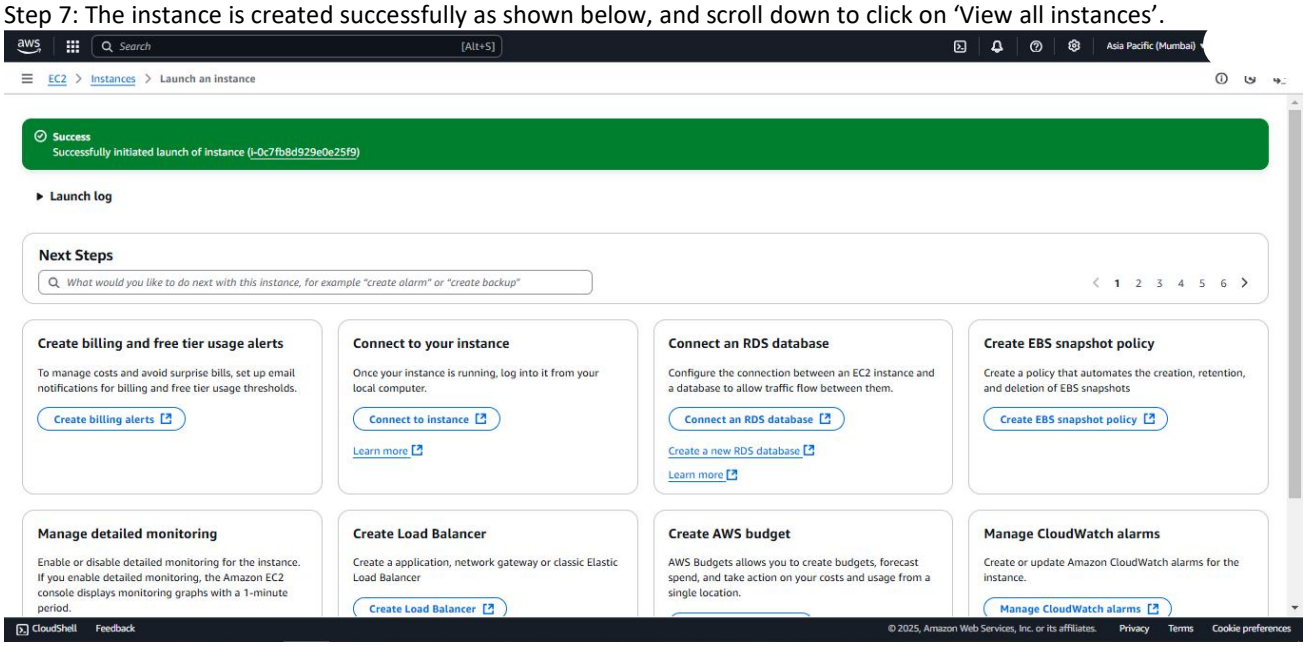
Step 5: Scroll down to ‘Key Pair’ section, Create a new Key Pair as shown below; Then click on ‘Create key pair’.



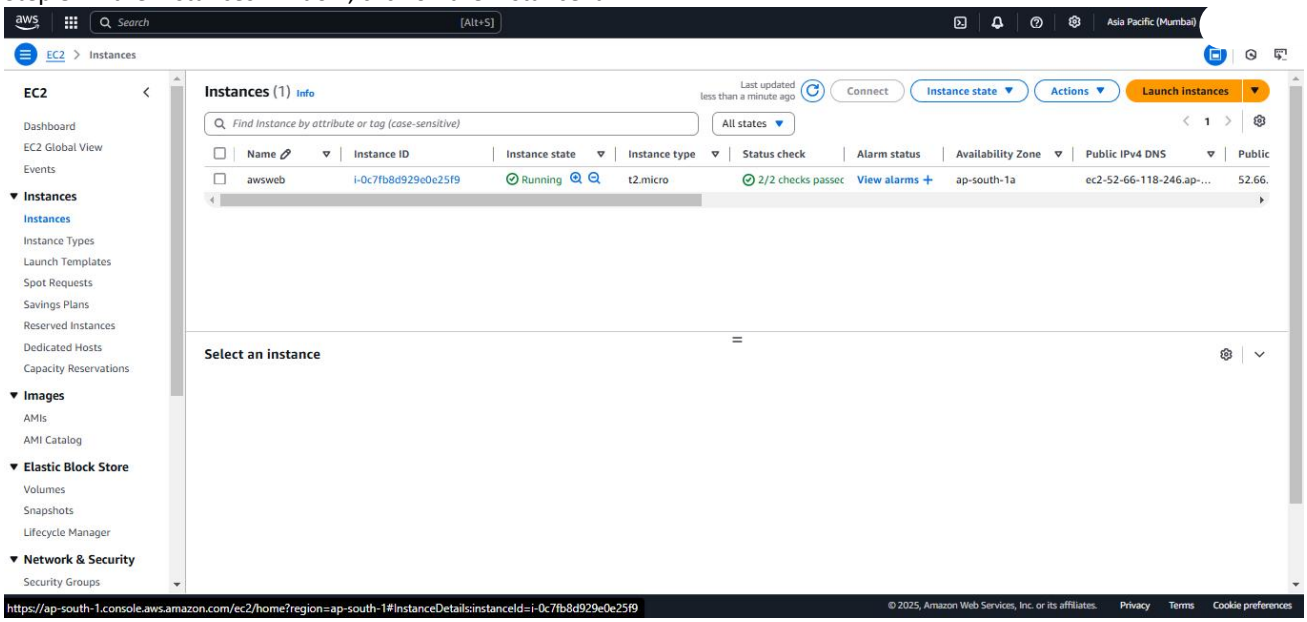
Step 6: Scroll down to Network settings and and check the 2 boxes to allow HTTPS & HTTP traffic from internet.



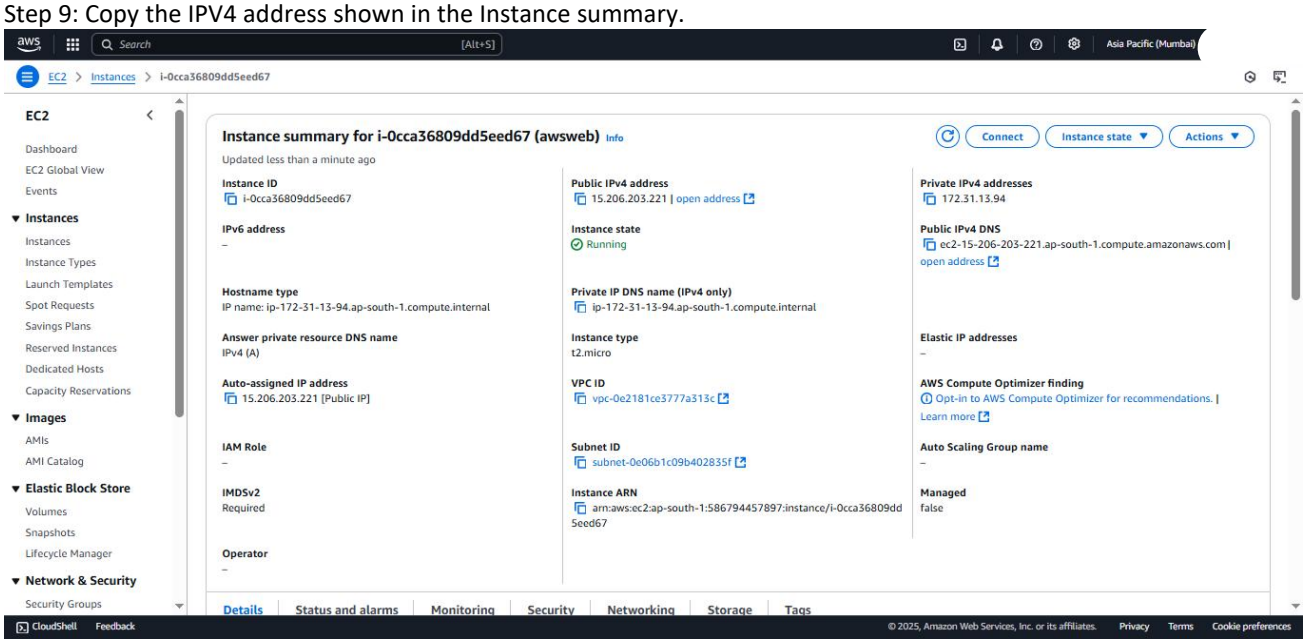
Step 7: The instance is created successfully as shown below, and scroll down to click on ‘View all instances’.



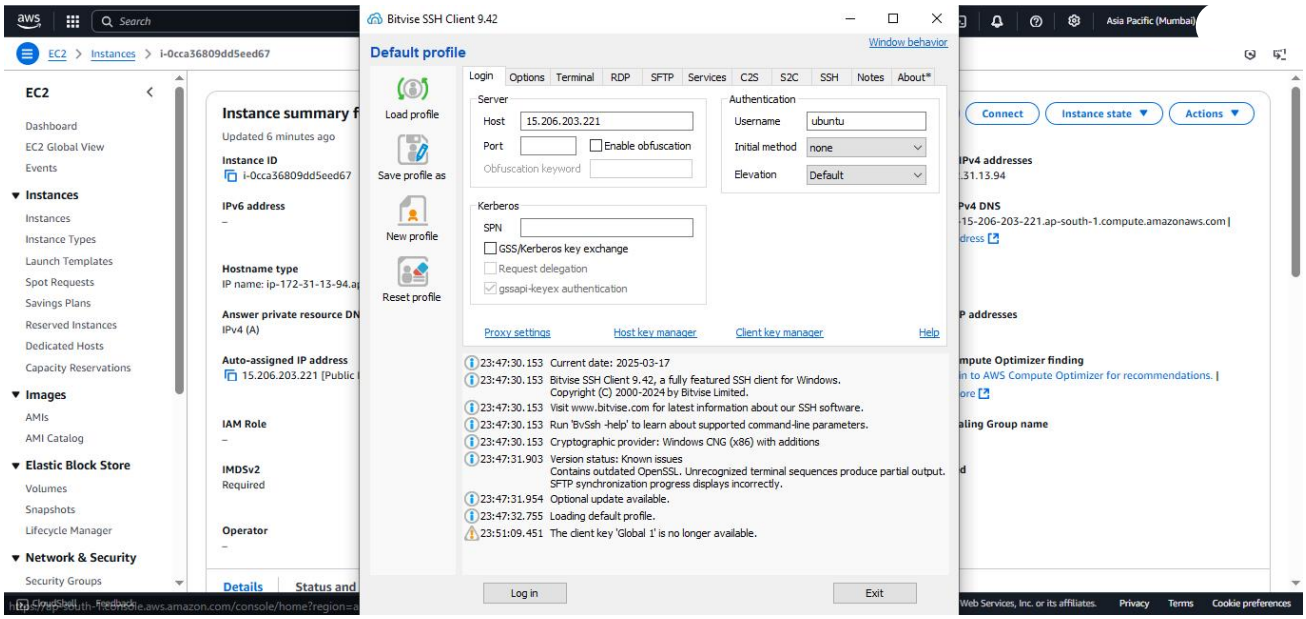
Step 8: In the Instances window, click on the instance id.



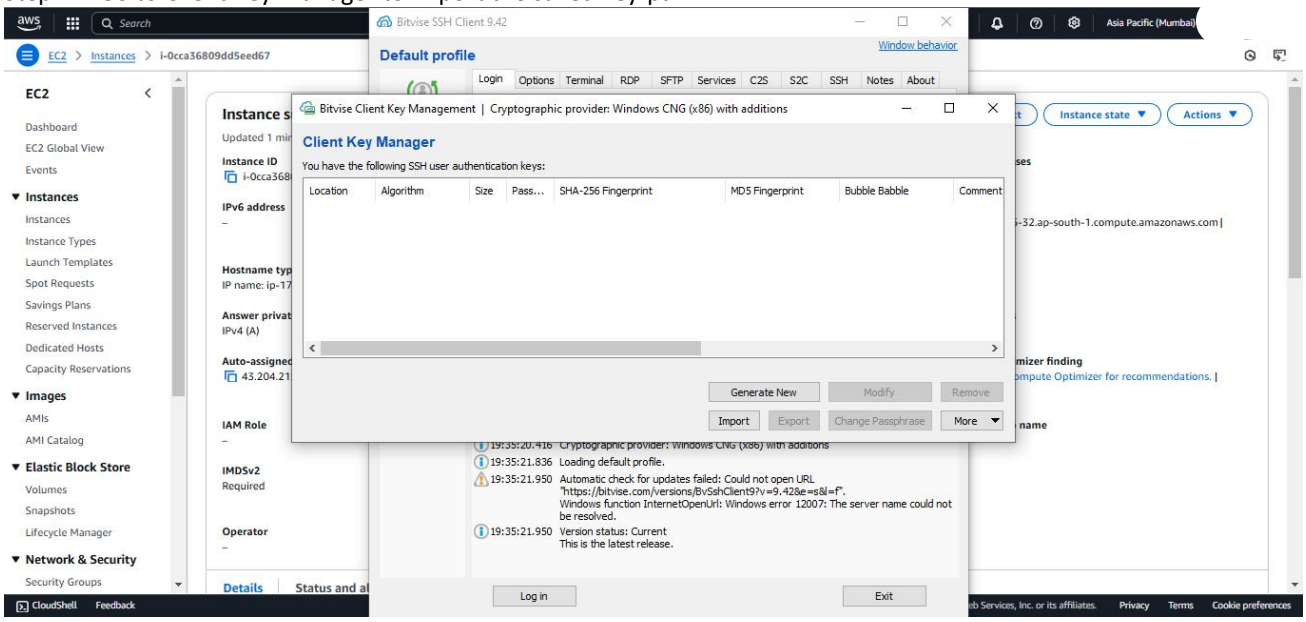
Step 9: Copy the IPV4 address shown in the Instance summary.



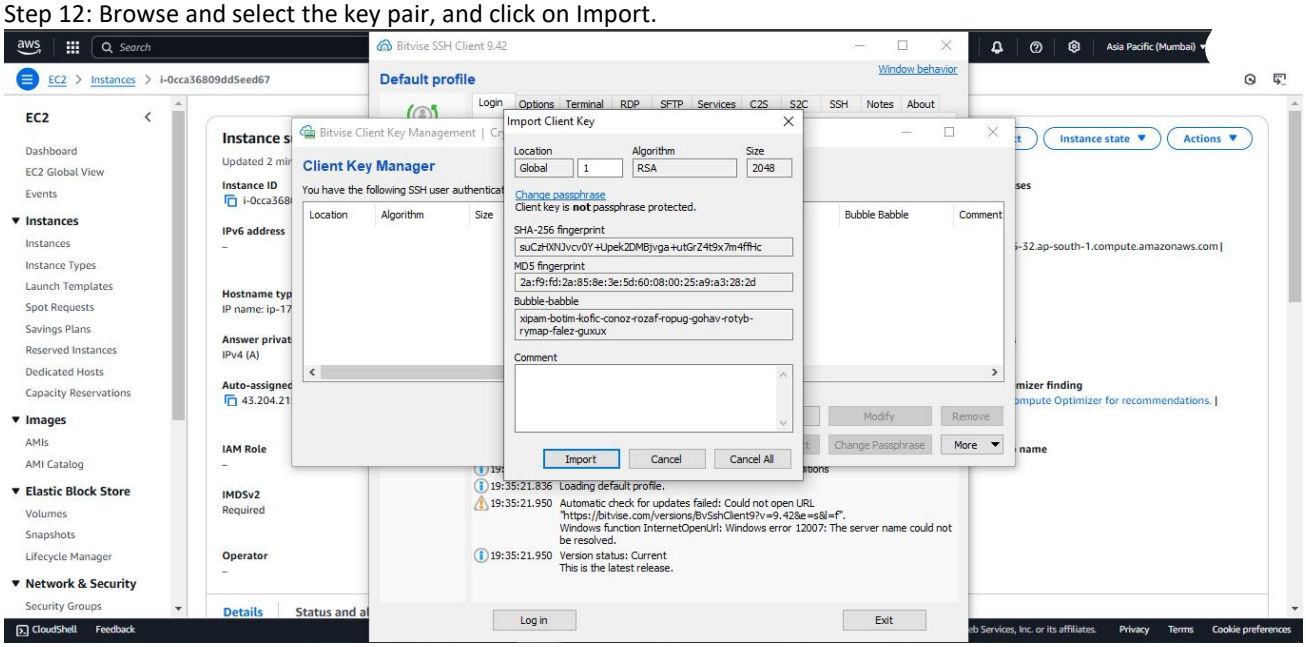
Step 10: Go to “https://bitvise.com/ssh-client-download” and download the “Bitvise SSH Client” and install it in the system.

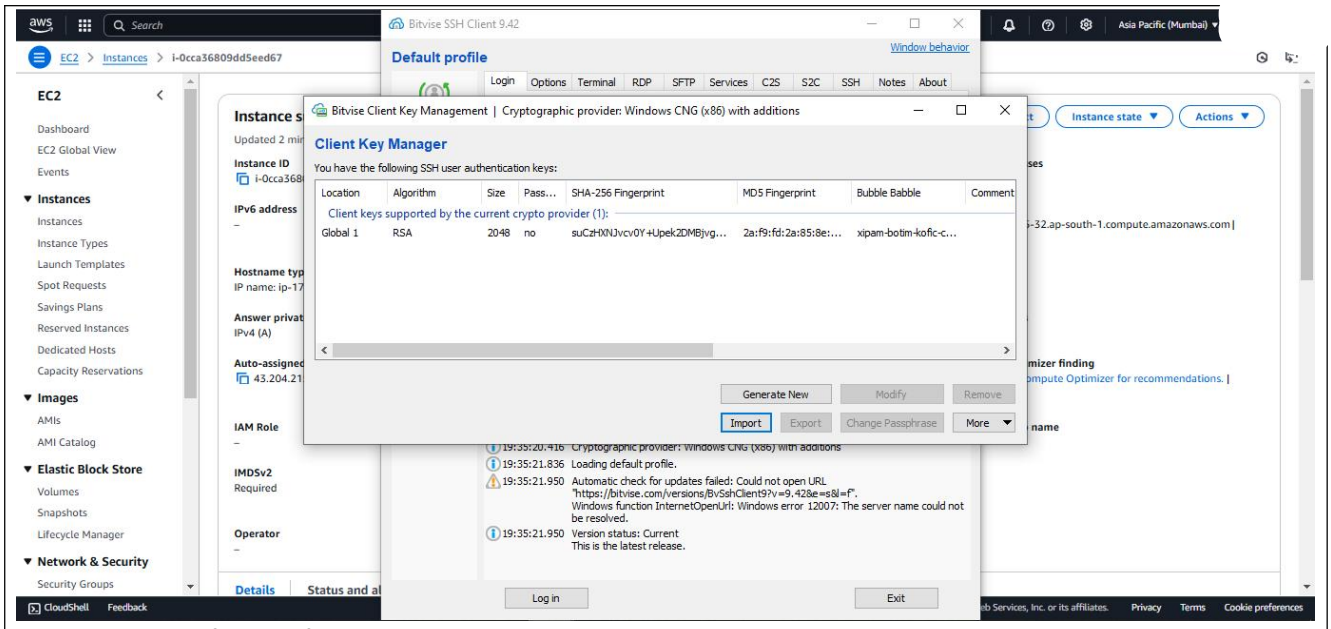


Step 11: Go to Client Key Manager to import the saved key-pair.

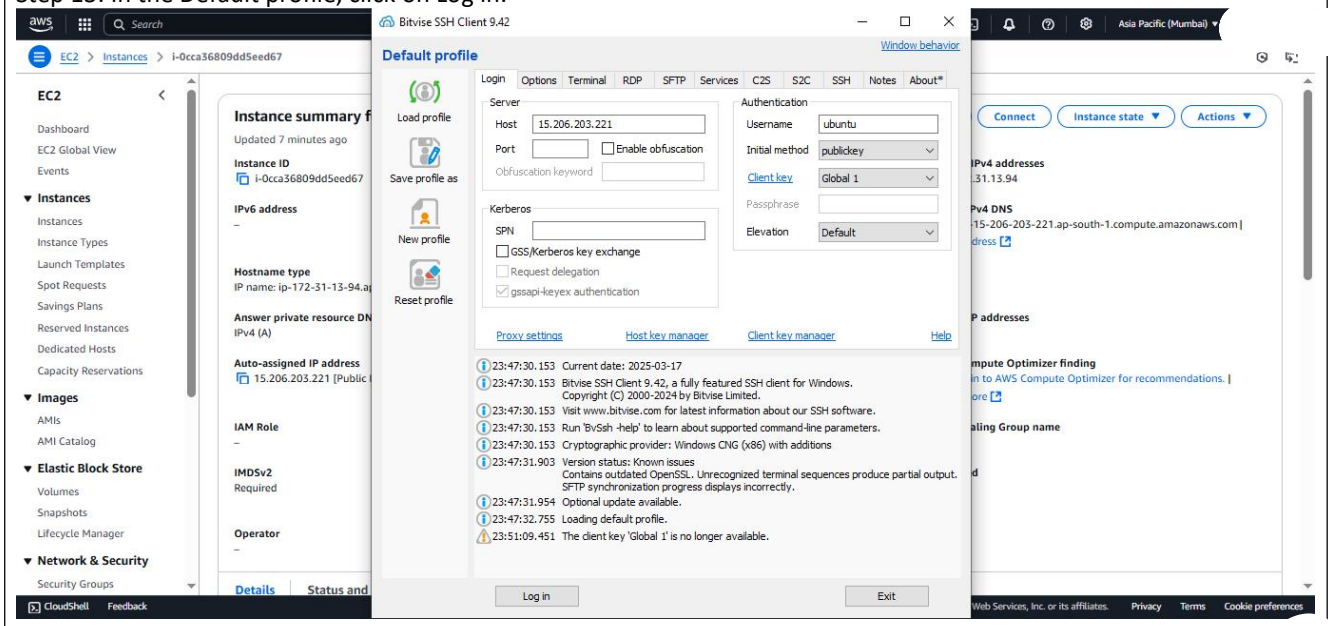


Step 12: Browse and select the key pair, and click on Import.

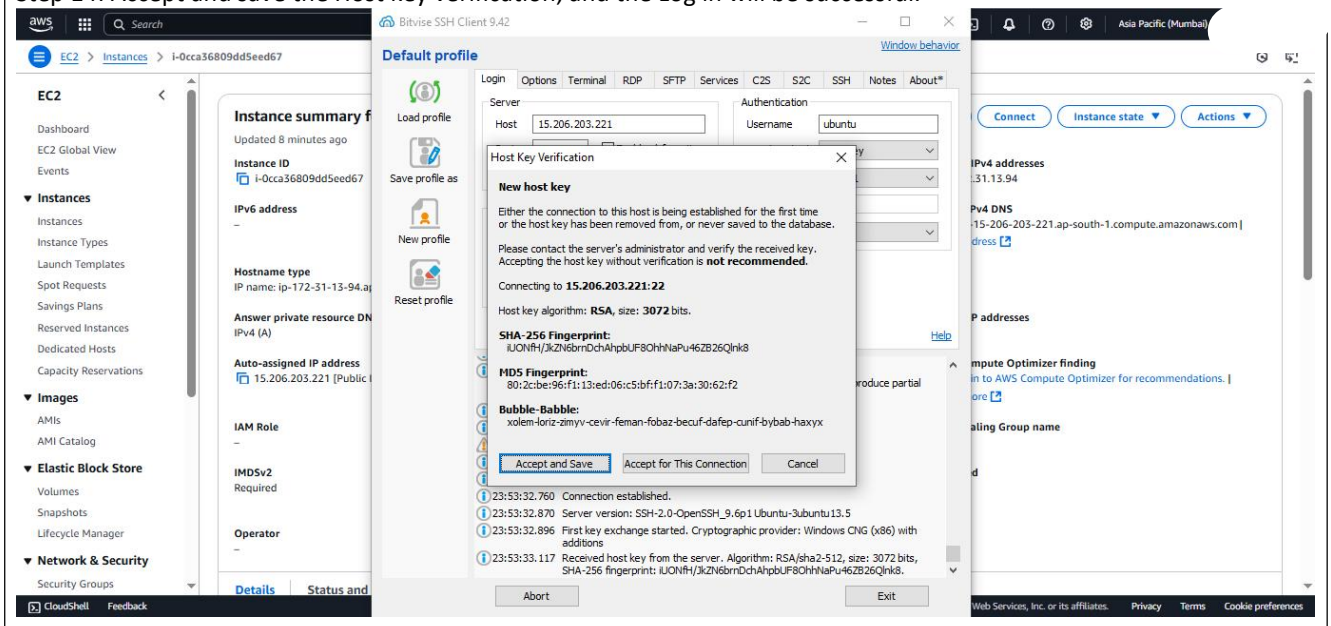


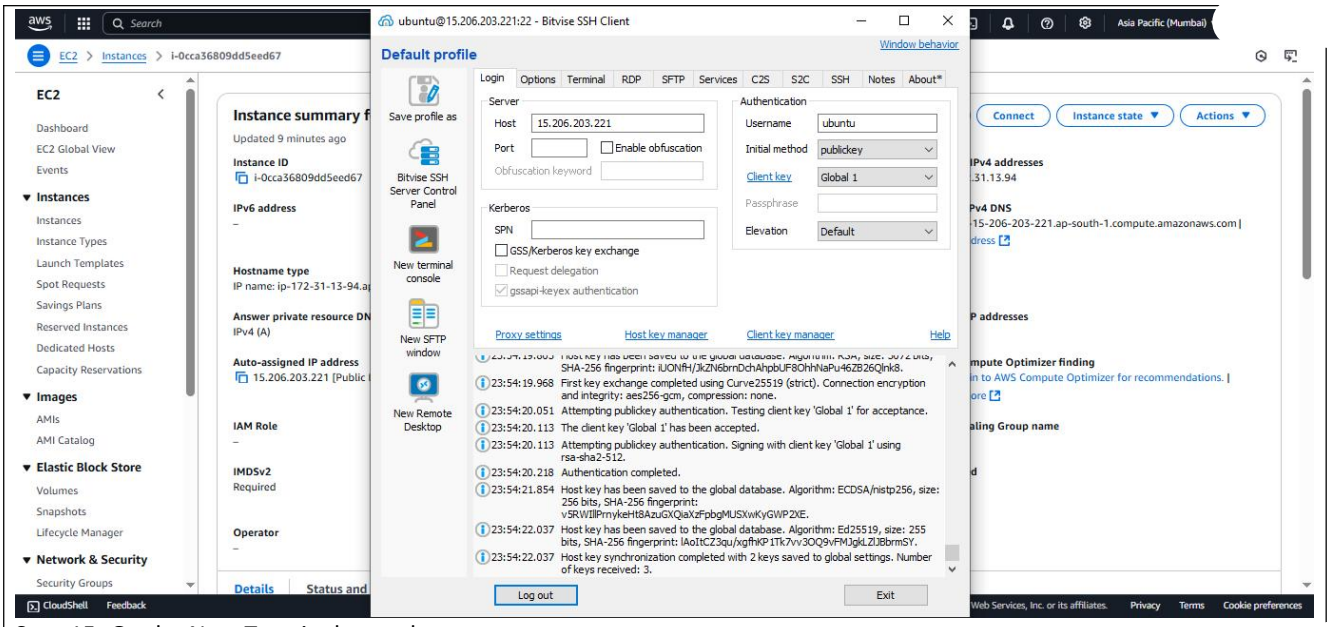


Step 13: In the Default profile, click on Log in.

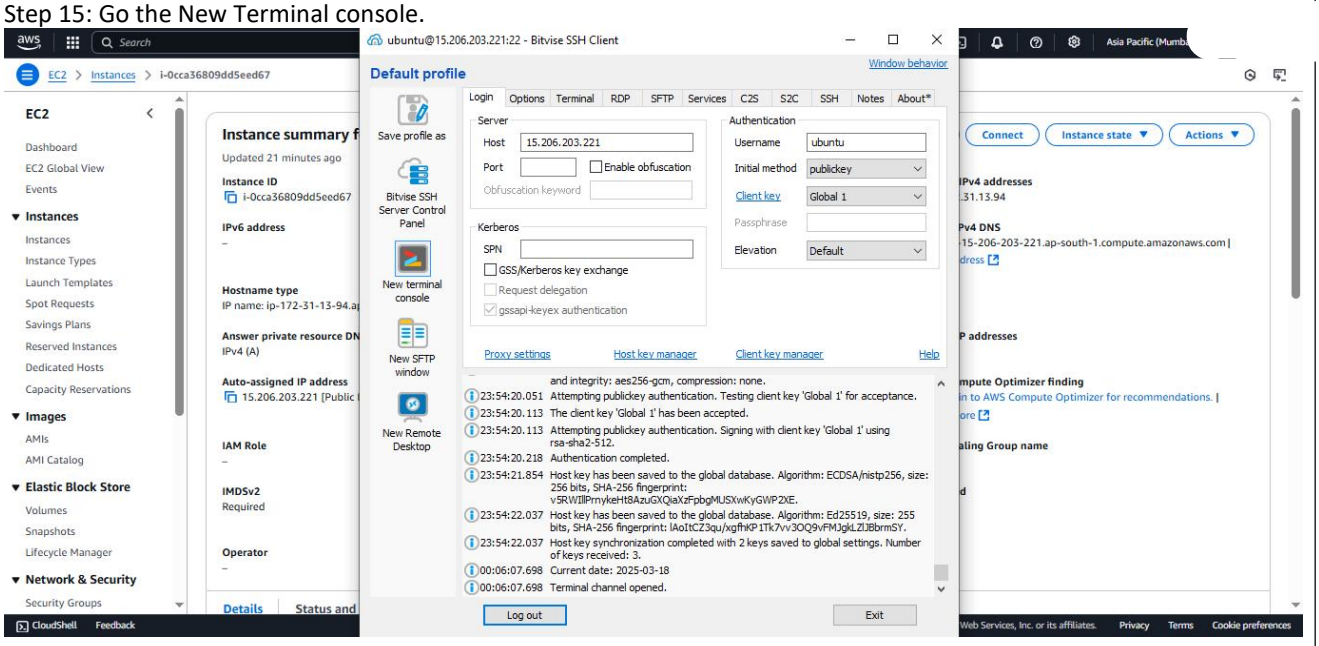


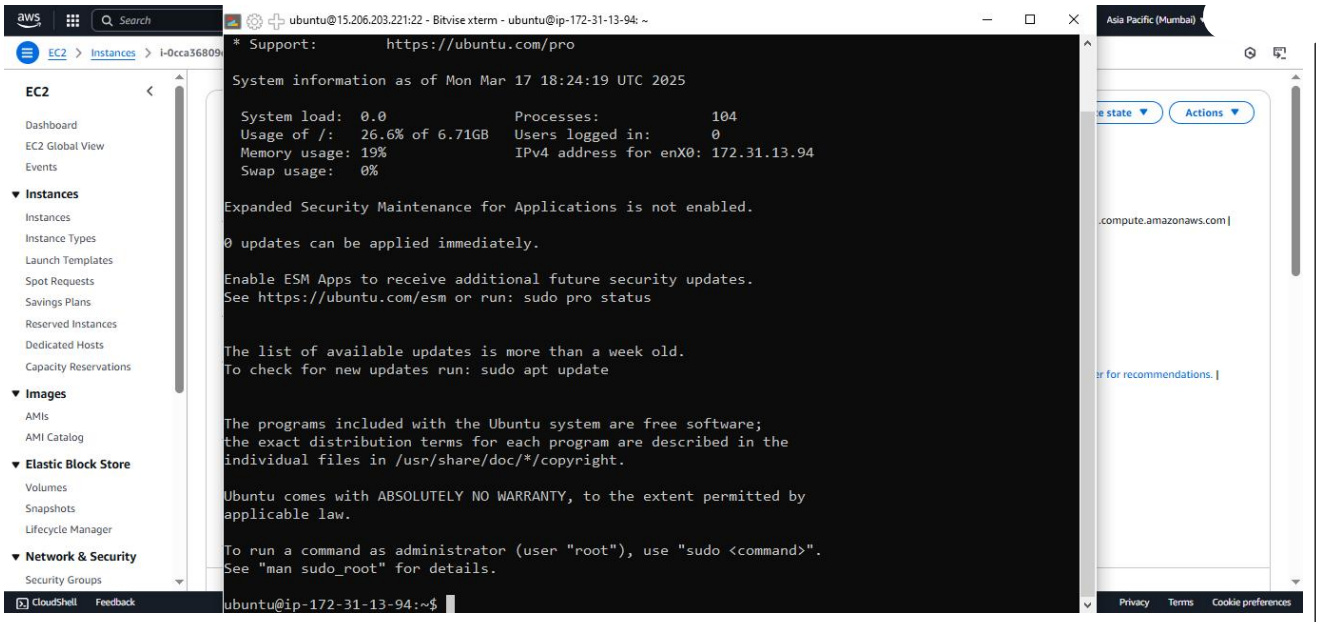
Step 14: Accept and save the Host key verification, and the Log in will be successful.



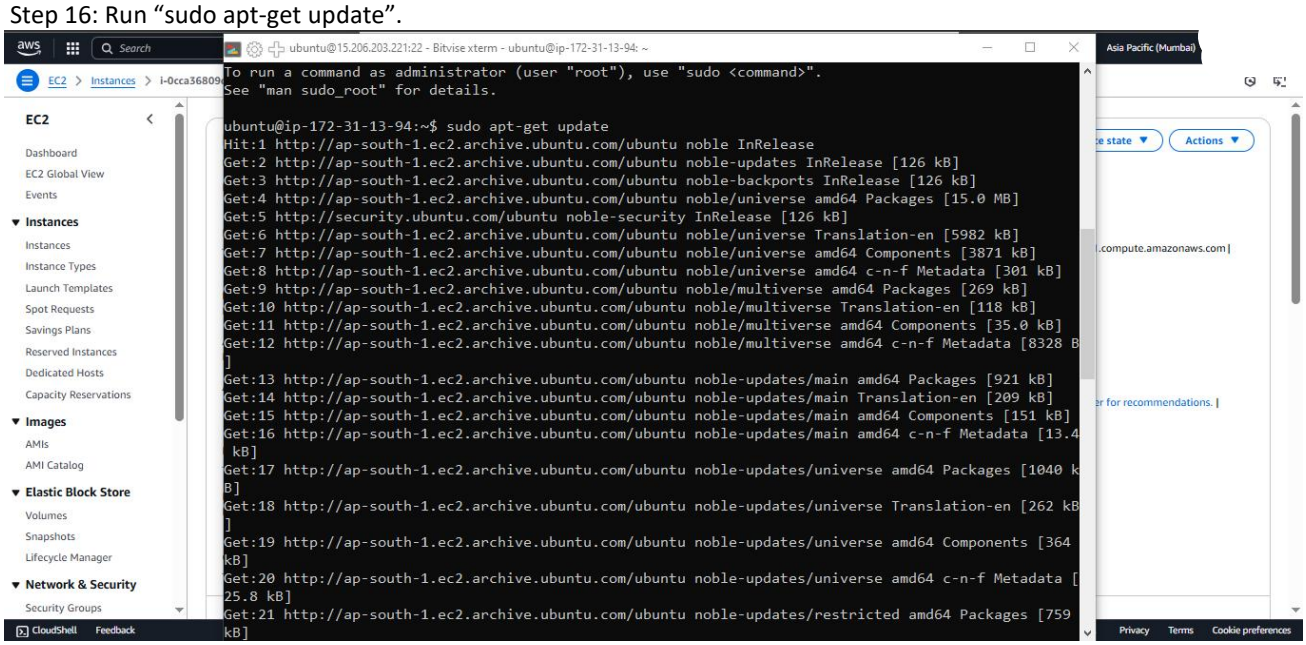


Step 15: Go the New Terminal console.

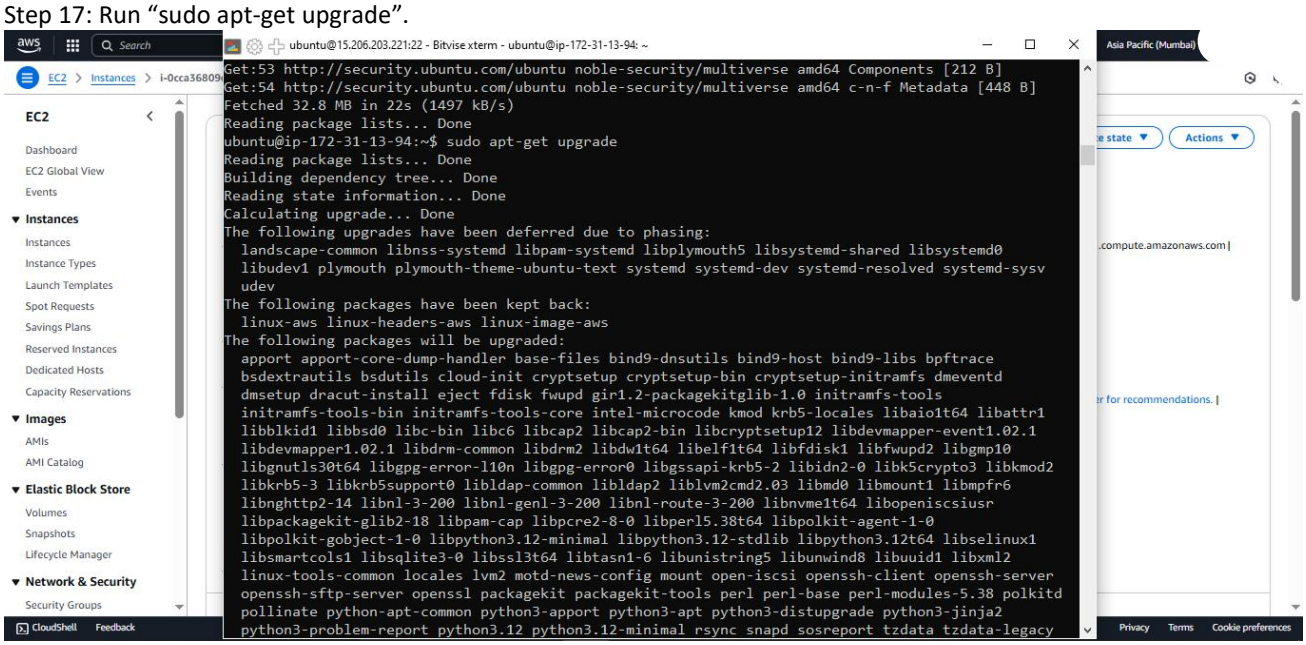




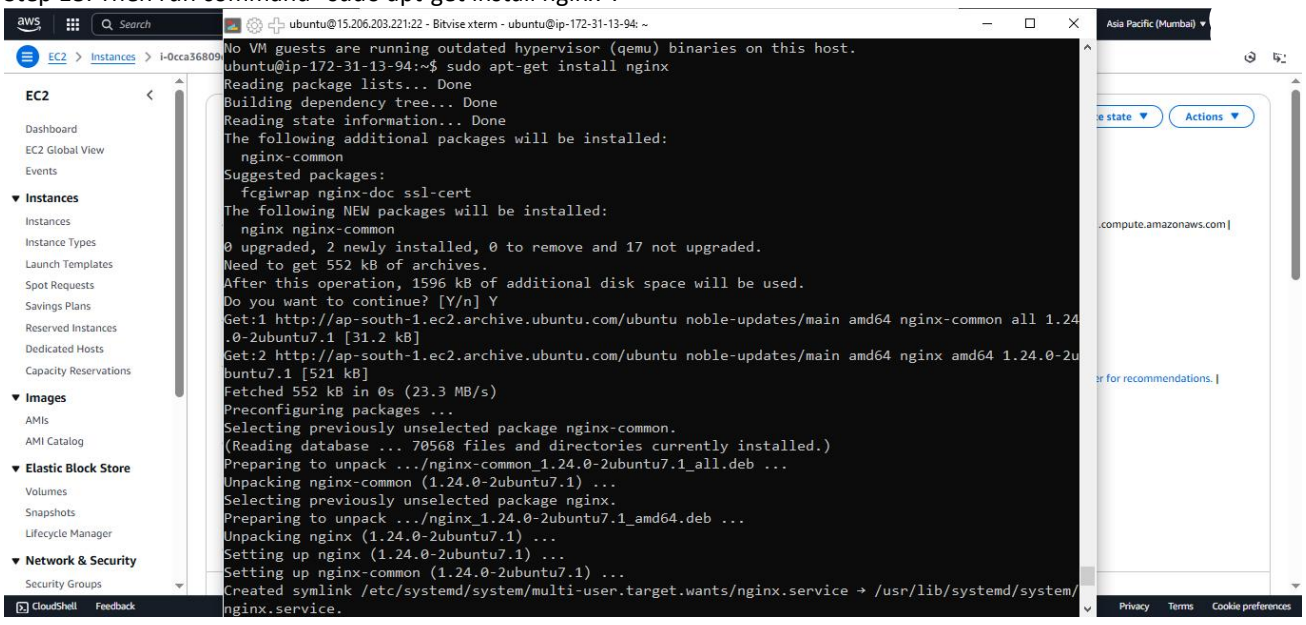
Step 16: Run “sudo apt-get update”.



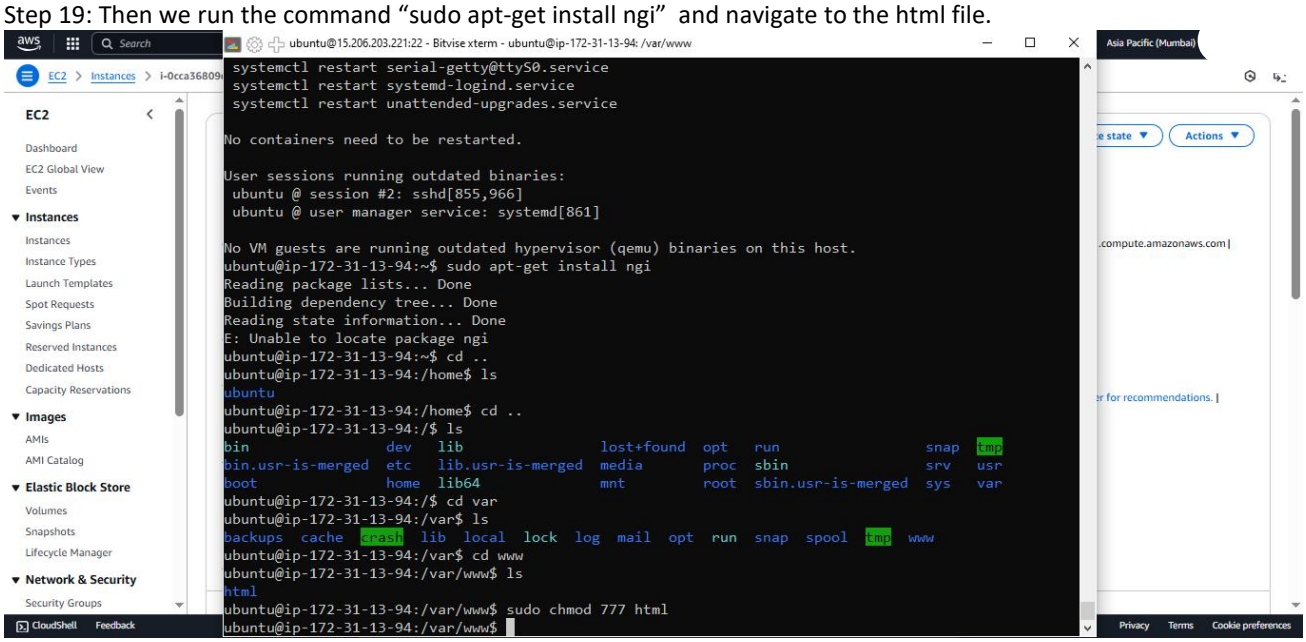
Step 17: Run “sudo apt-get upgrade”.



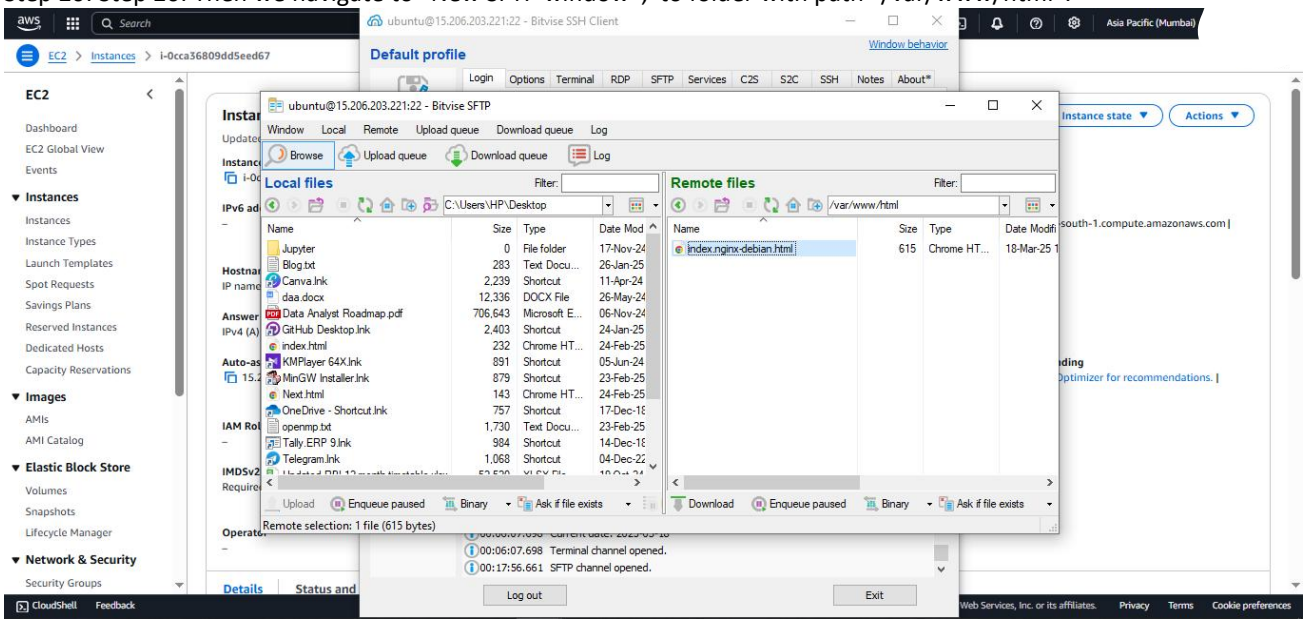
Step 18: Then run command “sudo apt-get install nginx”.



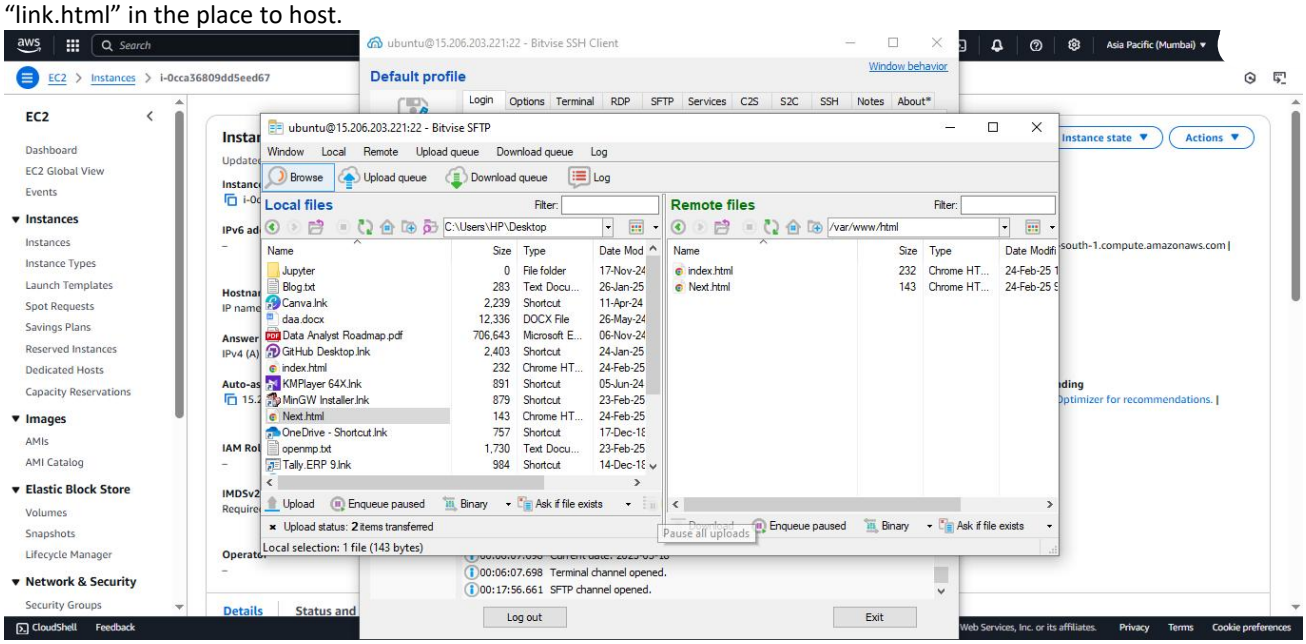
Step 19: Then we run the command “sudo apt-get install ngi” and navigate to the html file.



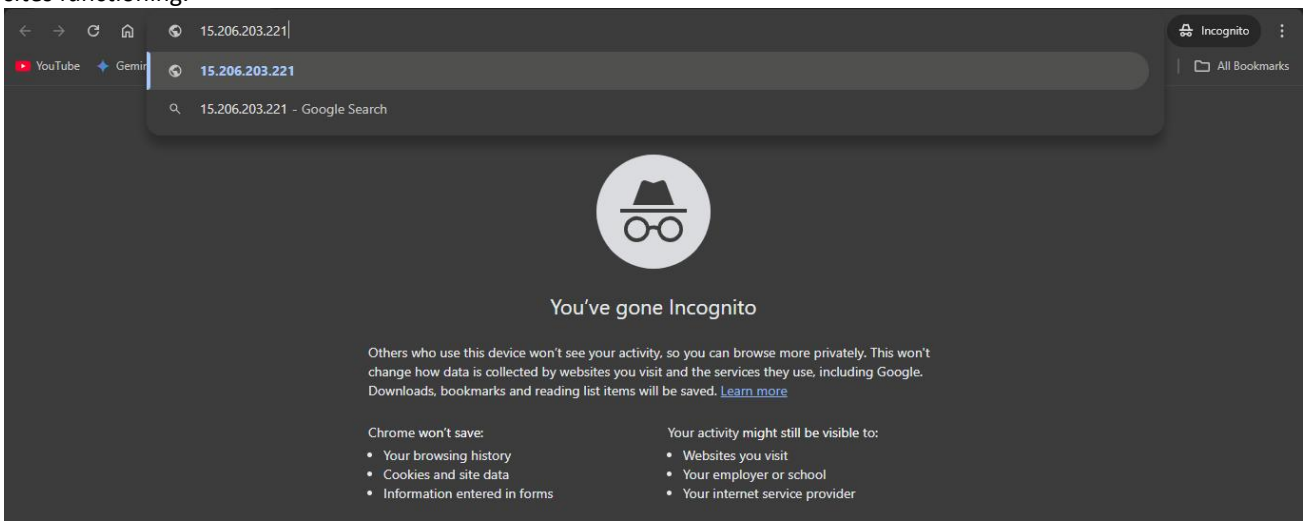
Step 20: Step 20: Then we navigate to “New SFTP window”, to folder with path “/var/www/html”.



Step 21: We delete the default html file “index.nginx-debian.html”. And we put our html files “index.html” and “link.html” in the place to host.



Step 24: Now we check whether the host is successful by copying the link in Incognito Mode. And checking whether the sites functioning.



Page 1: Index.html

Page 2: Link.html

Result: We successfully hosted a site on EC2.