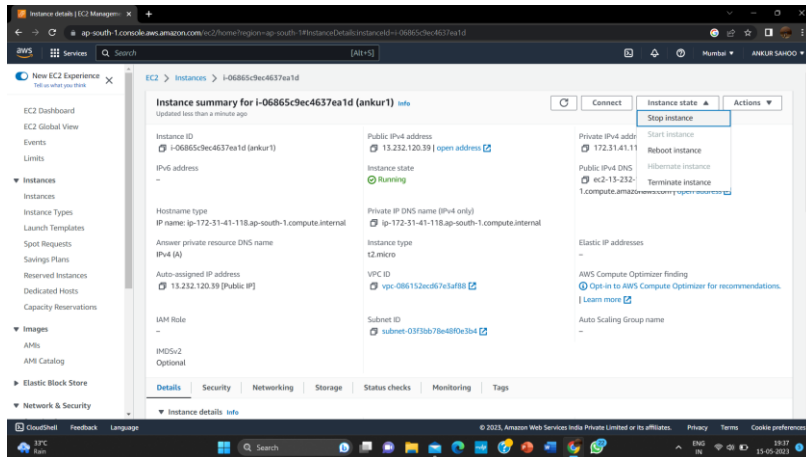


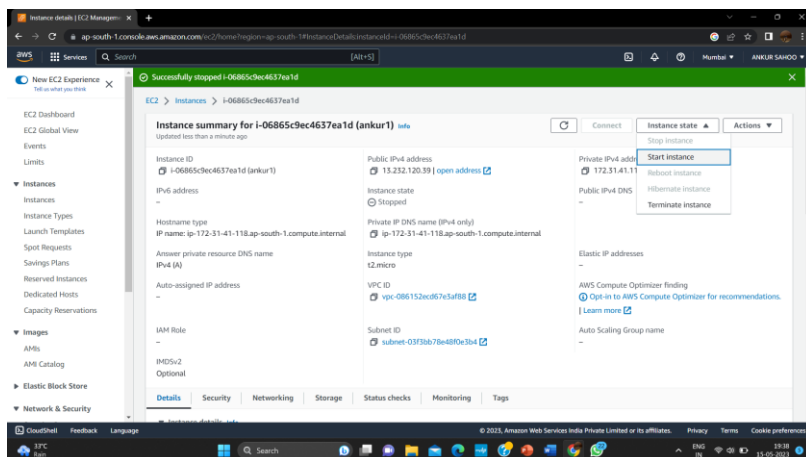
Assignment – 14

Problem Statement – Create an Elastic IP for an instance.

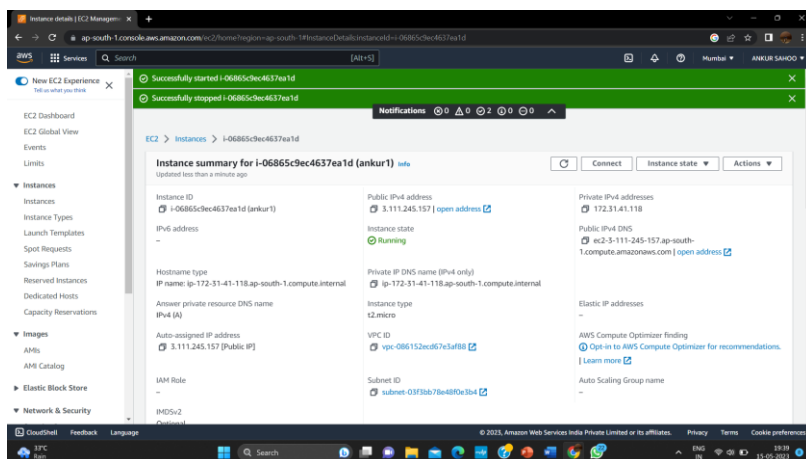
- Log in to your AWS account and go to EC2. Then launch an instance and copy the IPv4. It is 13.232.120.39. Then click on Instance state and then click on Stop instance.



- After the Instance stopped successfully, again click on Instance state and click Start instance.



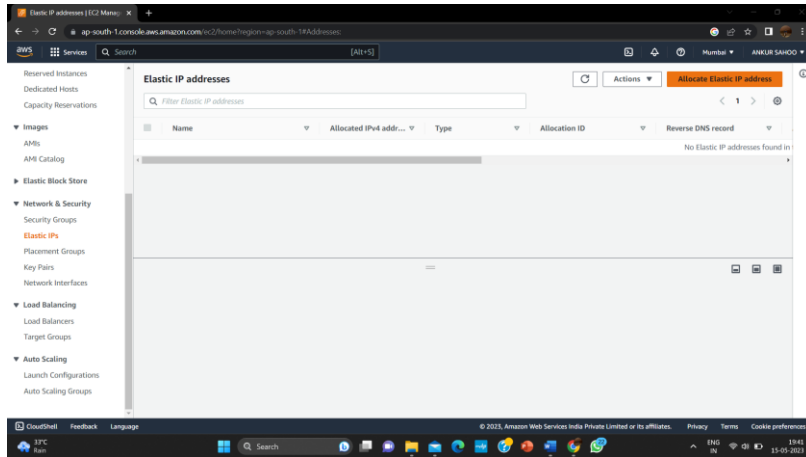
- After the instance gets restarted, we'll see that the IP address is changed. Previously it was 13.232.120.39 and now it is 3.111.245.157. This can cause software failure.



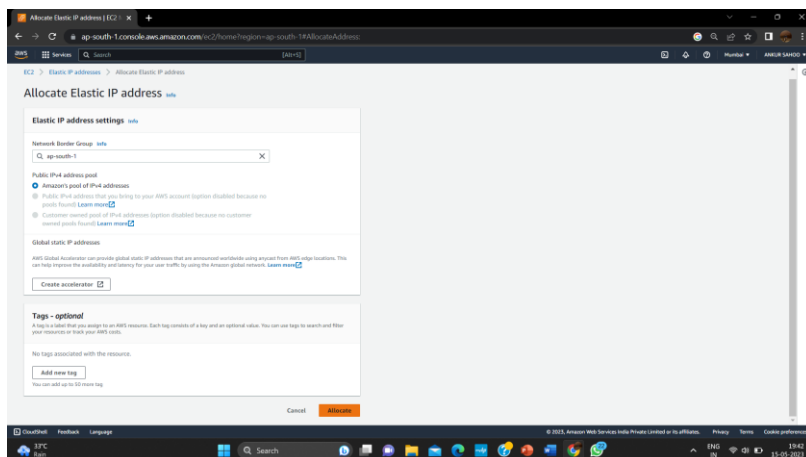
Assignment – 14

Problem Statement – Create an Elastic IP for an instance.

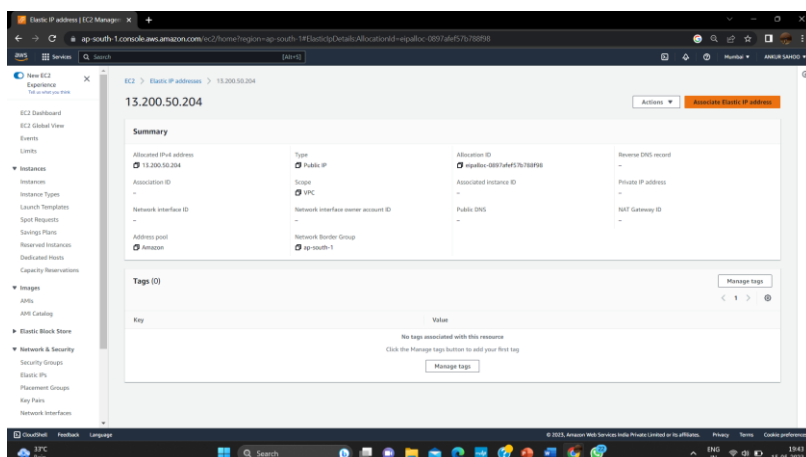
- To overcome this problem, we use Elastic IP addresses. It helps to mask the IP address of an instance. To do that, go to EC2 and scroll down the left panel and click on Elastic IPs in Network and Security. Then click on Allocate Elastic IP address.



- Just scroll down and click on Allocate. The Elastic IP is 13.200.50.204.



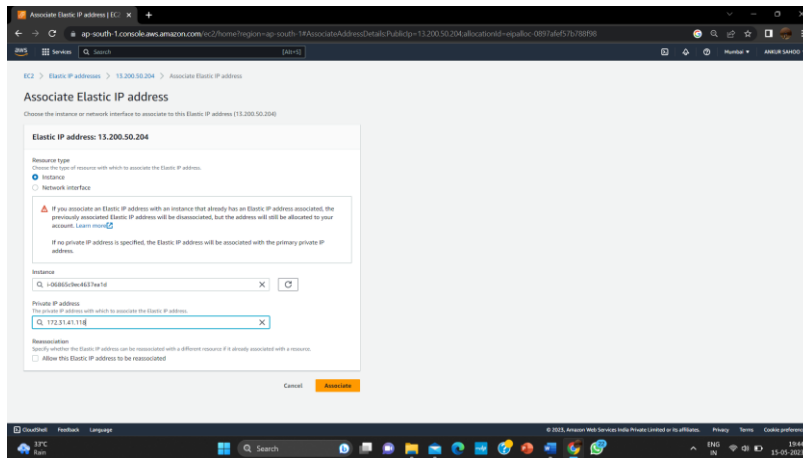
- Now click on the Elastic IP and then click on Associate Elastic IP address.



Assignment – 14

Problem Statement – Create an Elastic IP for an instance.

- Select the Instance and the Private IPv4 address. Then click on Associate.



- Now go back to that previous instance and stop & restart the instance again. We'll see that the Public IPv4 is unchanged to 13.200.50.204.

