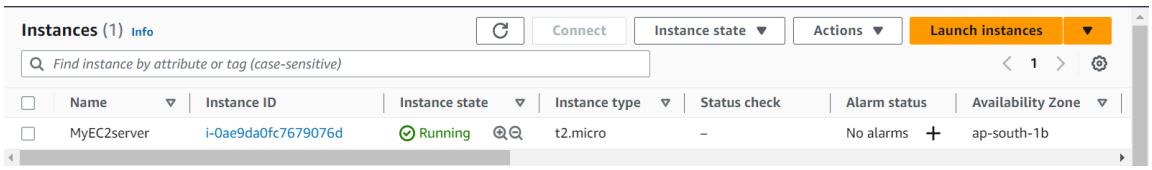
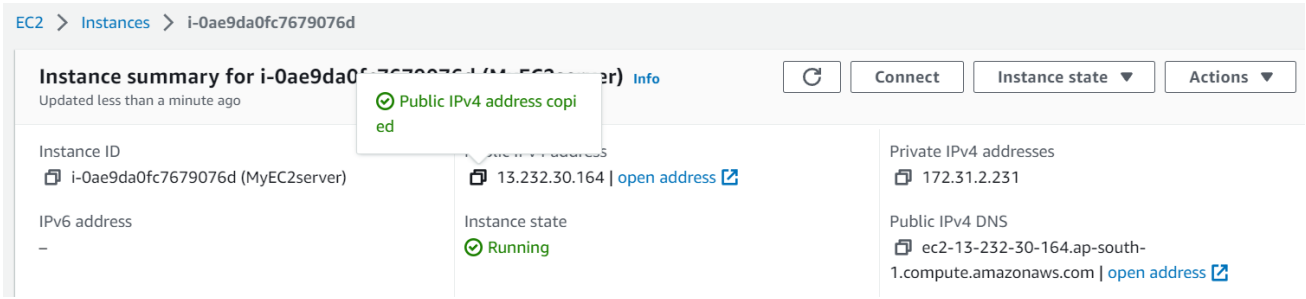
ASSIGNMENT-14

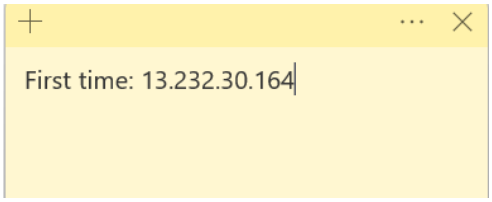
Create an elastic IP for an instance.

Step 1: Sign in to your AWS Account as Root User. Create an instance in EC2 without any custom security group and user data.

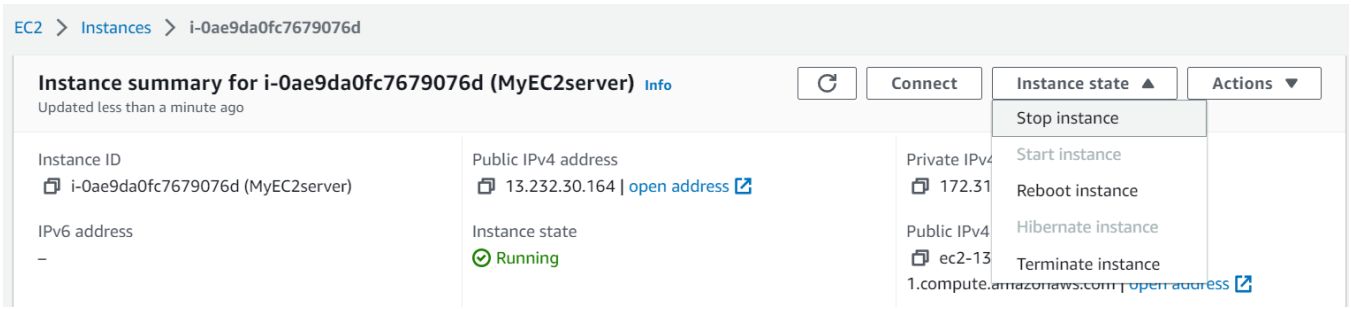


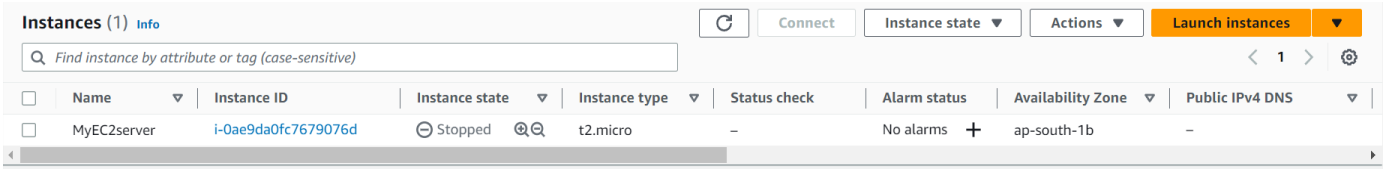
Step 2: Open the instance and note the Public IPv4 address.

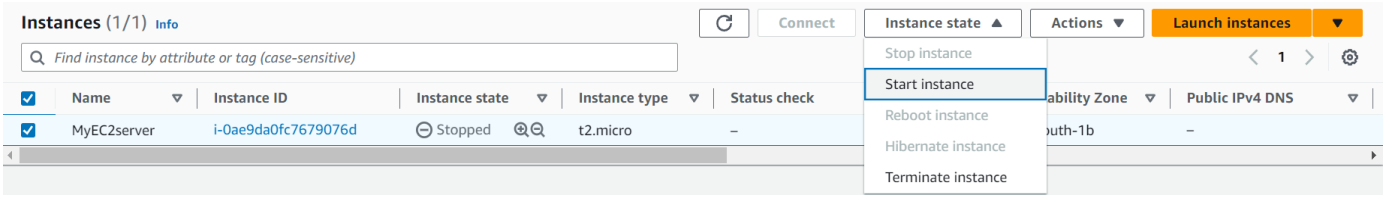


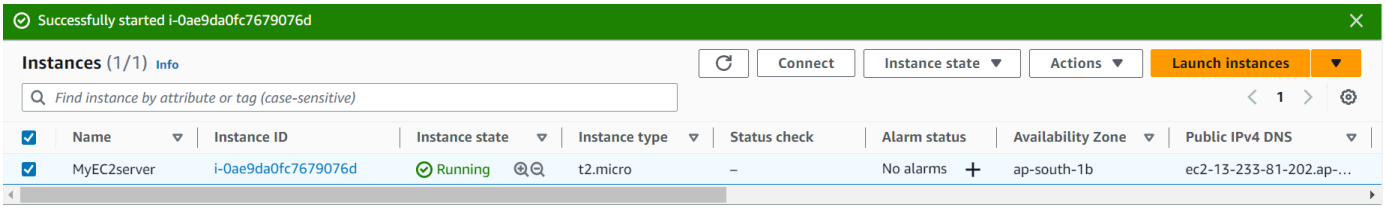


Step 3: Now stop the instance and restart it.

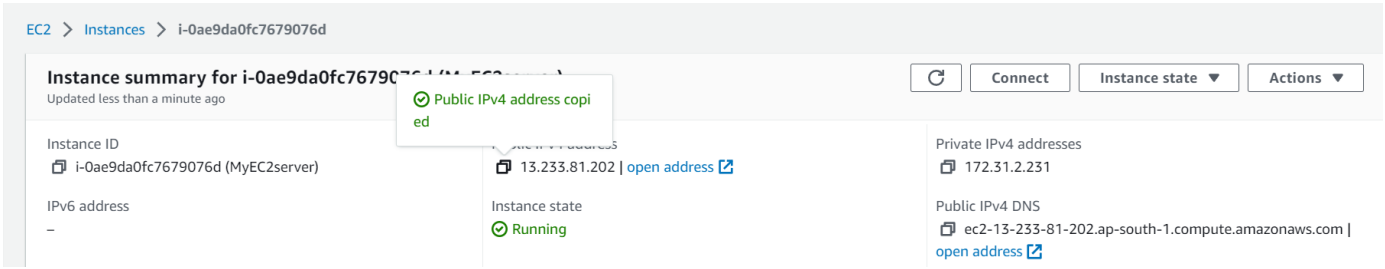


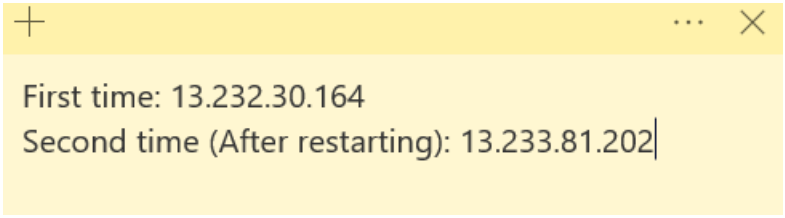






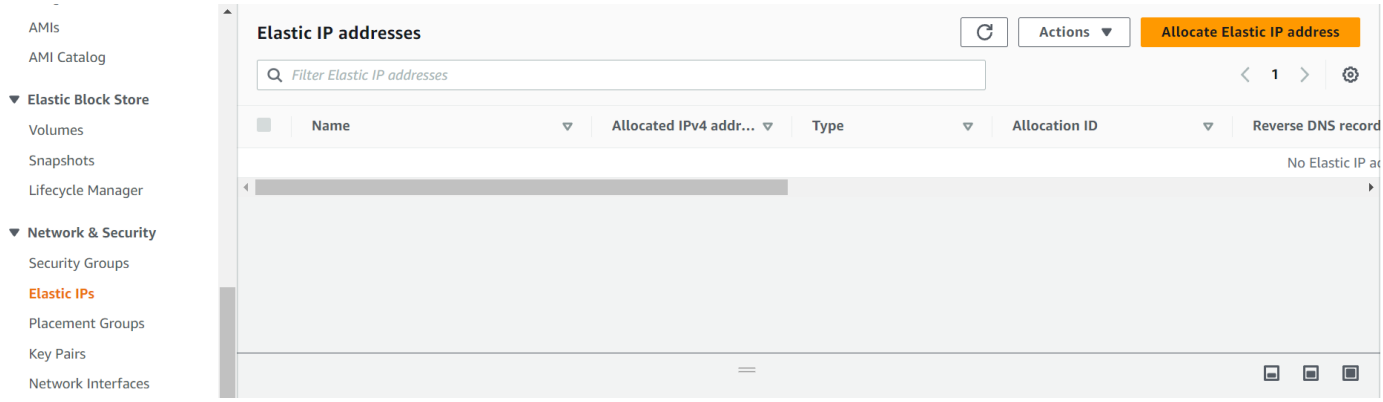
Step 4: Now again open the instance and note down the IPv4 address.



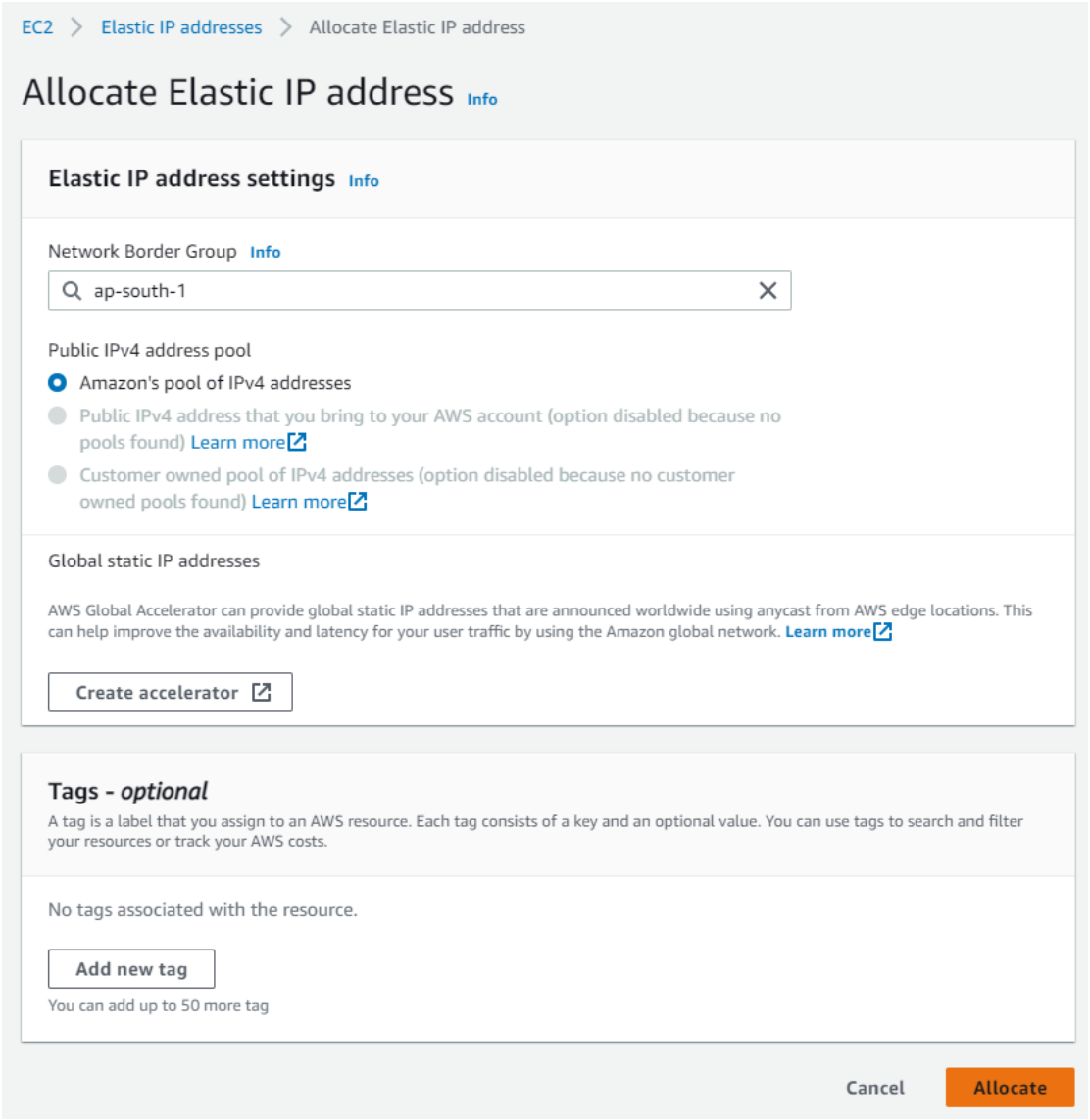


We can see that the address got changed.

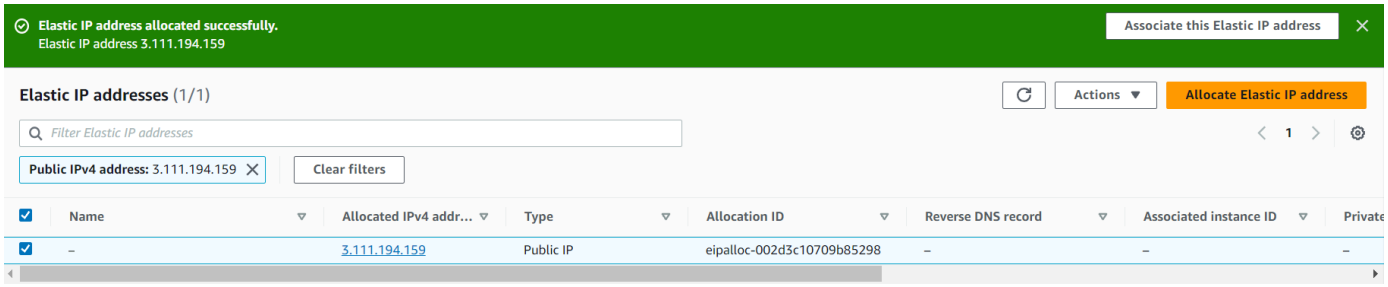
Step 5: Now go to EC2 dashboard and go to Elastic IPs and then click on “Allocate Elastic IP Address”.



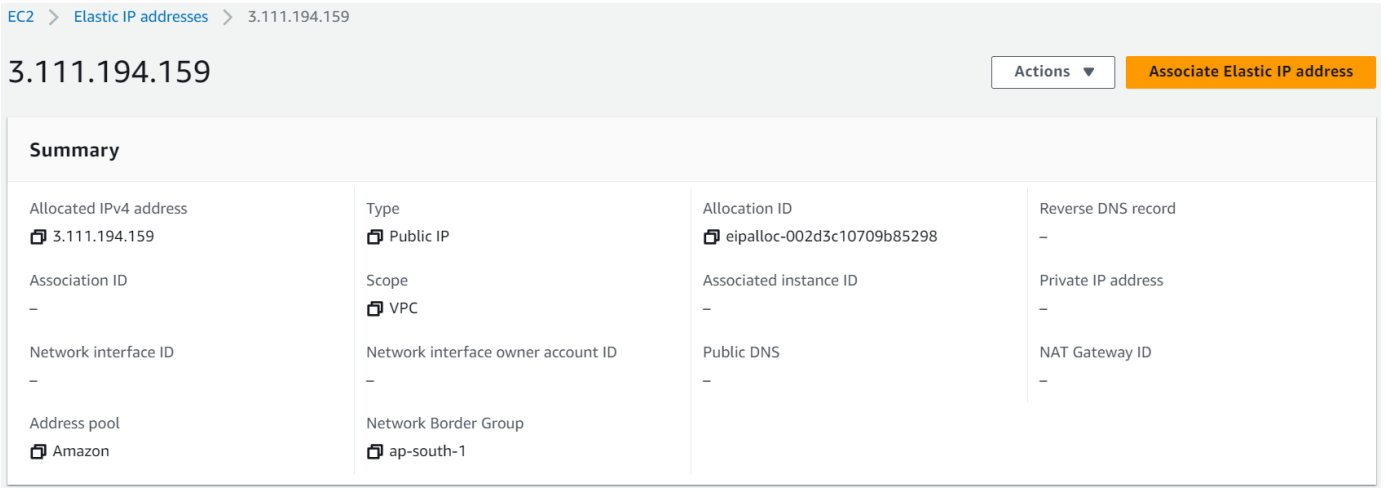
Step 6: Click on “Allocate”.



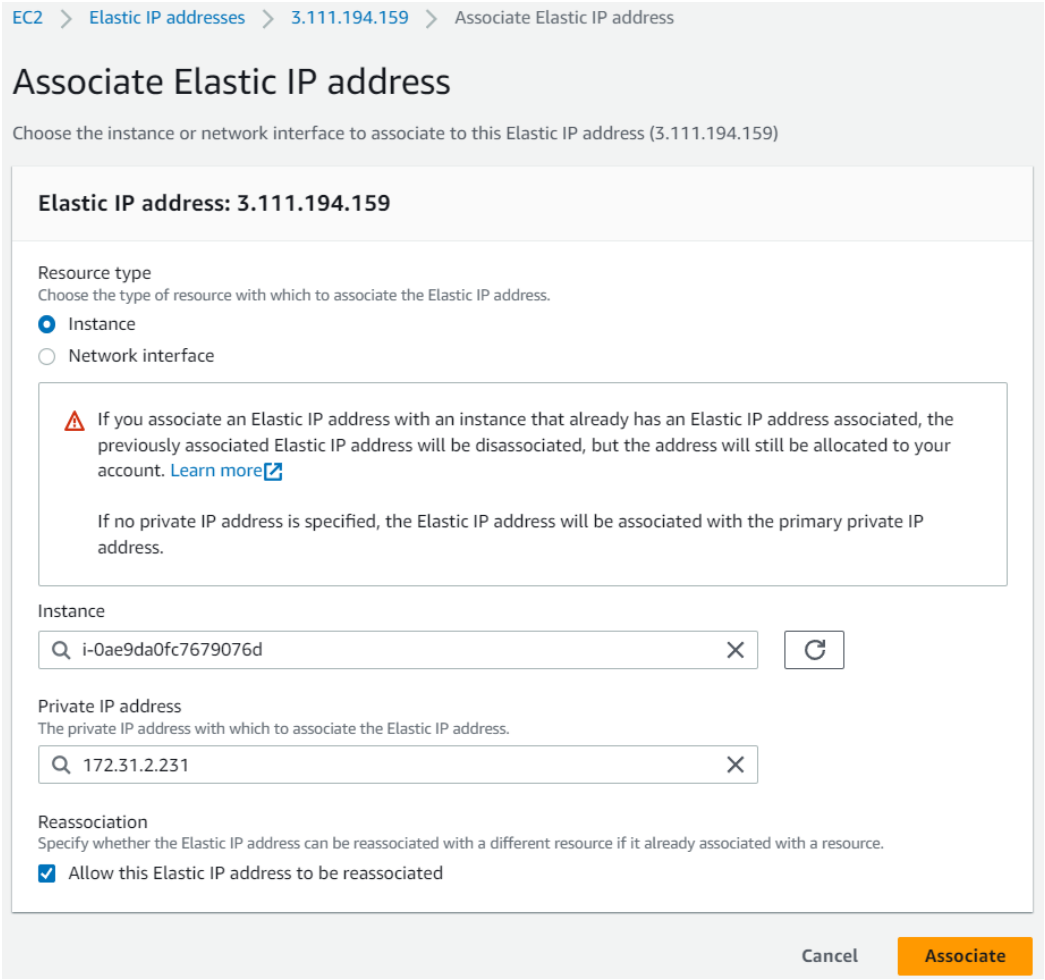
Step 7: Your Elastic IP is successfully created. Now go to the address generated.



Step 8: Note down the Allocated IPv4 address. Then click on “Associate Elastic IP address”.

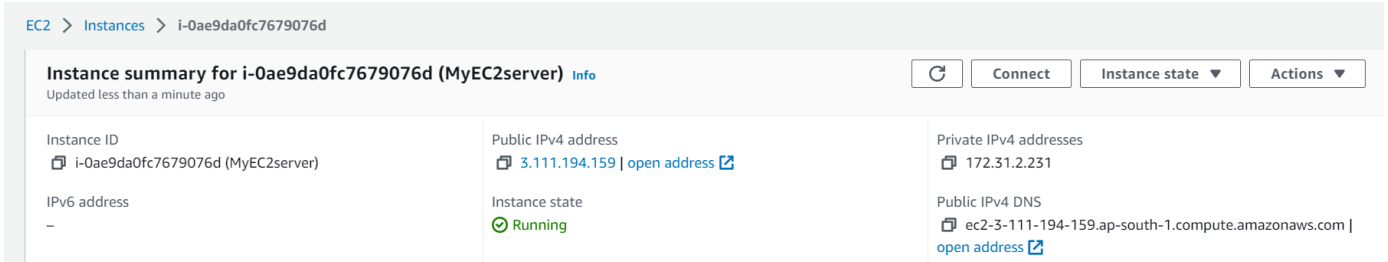


Step 9: Select Instance. Give Instance name and its Private IP address. Then select Reassociation. After that click on “Associate”.

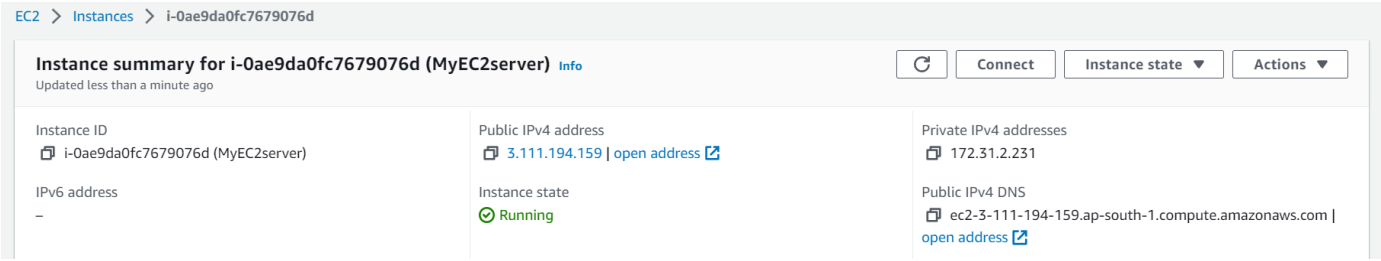


Step 10: Elastic IP address is associated successfully.

Step 11: Now open the instance. In Public IPv4 address, we can see the elastic IP address.



Step 12: Now again stop the instance and restart it.



We can see the address does not change. It's the same elastic IP address.

Thus, we have successfully created an elastic IP address for our instance.