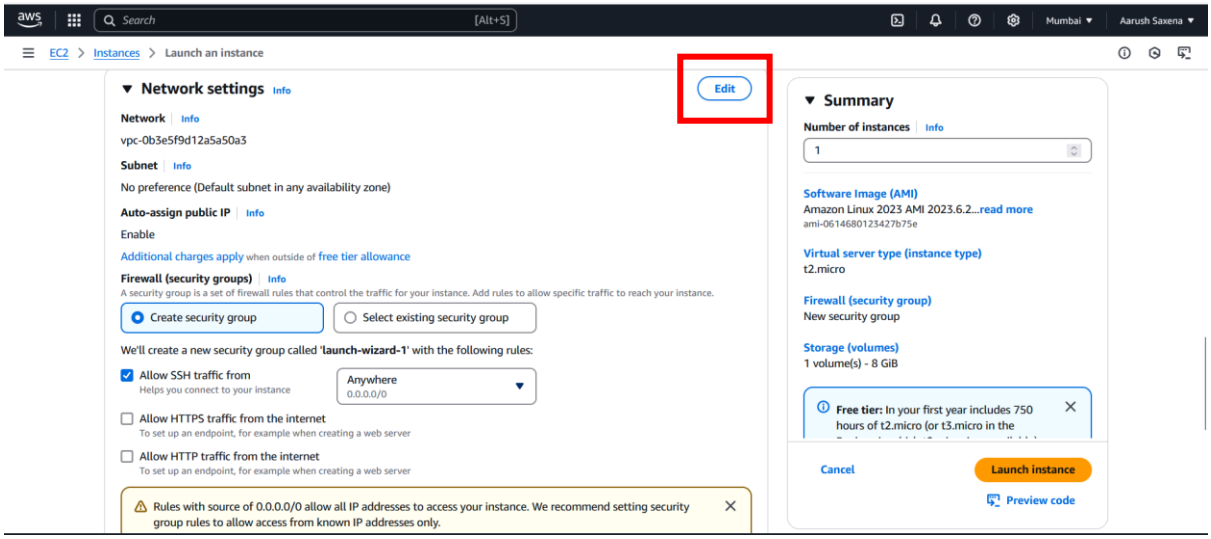
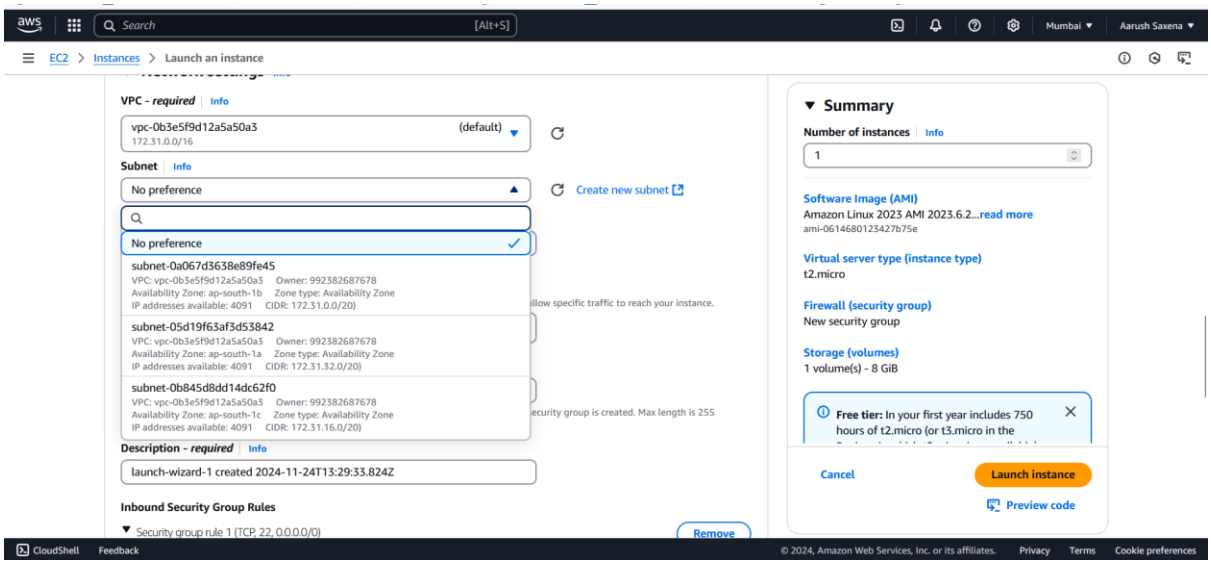
Elastic Load Balancer

Previous gen.(Classic Load Balancer)

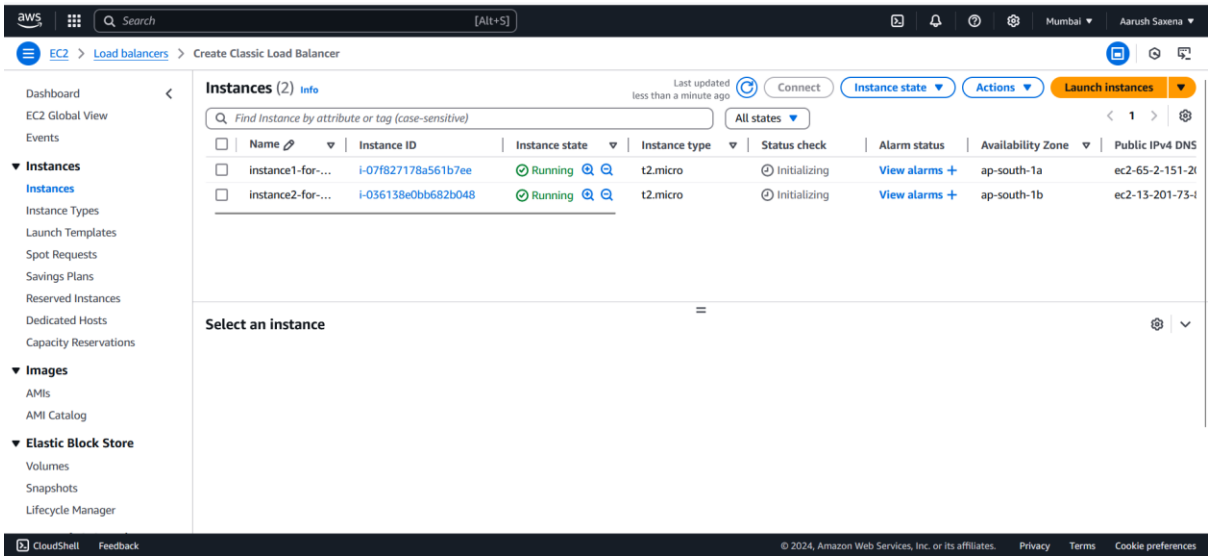
Step 1: log-in to your aws account and click on searchbar, search for EC2 click on it. On the left side click on Instances. And create approx 2-3 servers in different availability zones such as ap-south-1a and ap-south-1b from network settings and click on edit.



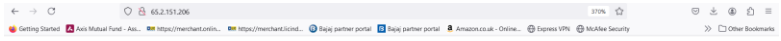
After clicking on edit click on subnets to define to create it in which availability zone.



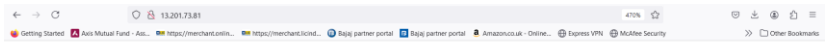
We have created two servers in different availability zones.



Step 2: Now connect it and start the httpd server and on var/www/html path create a html file and denote which is server 1 and server 2 for increase readability.

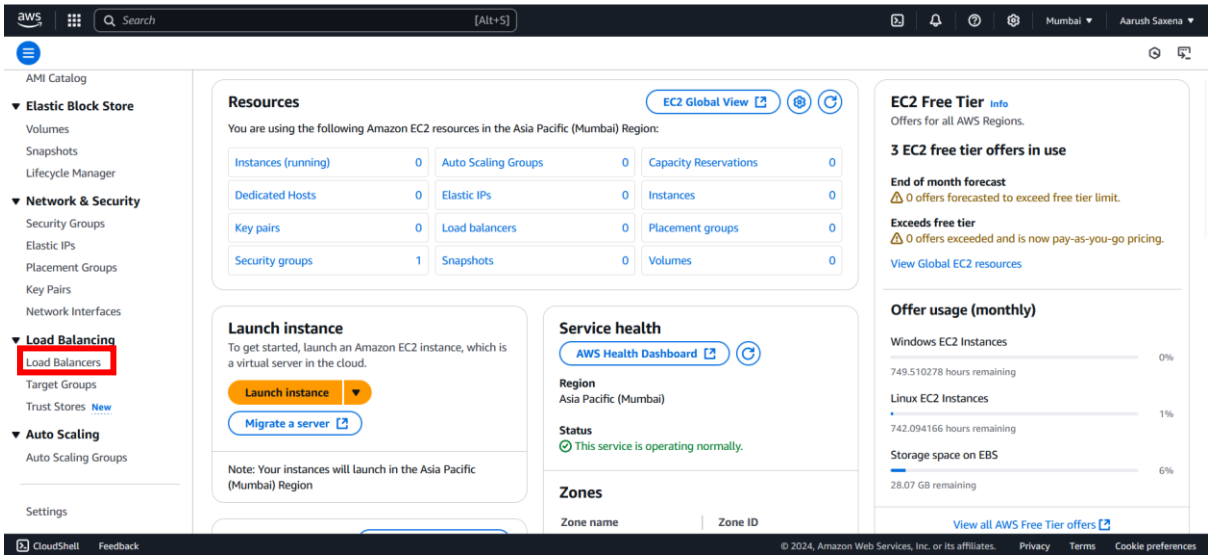


this is server1

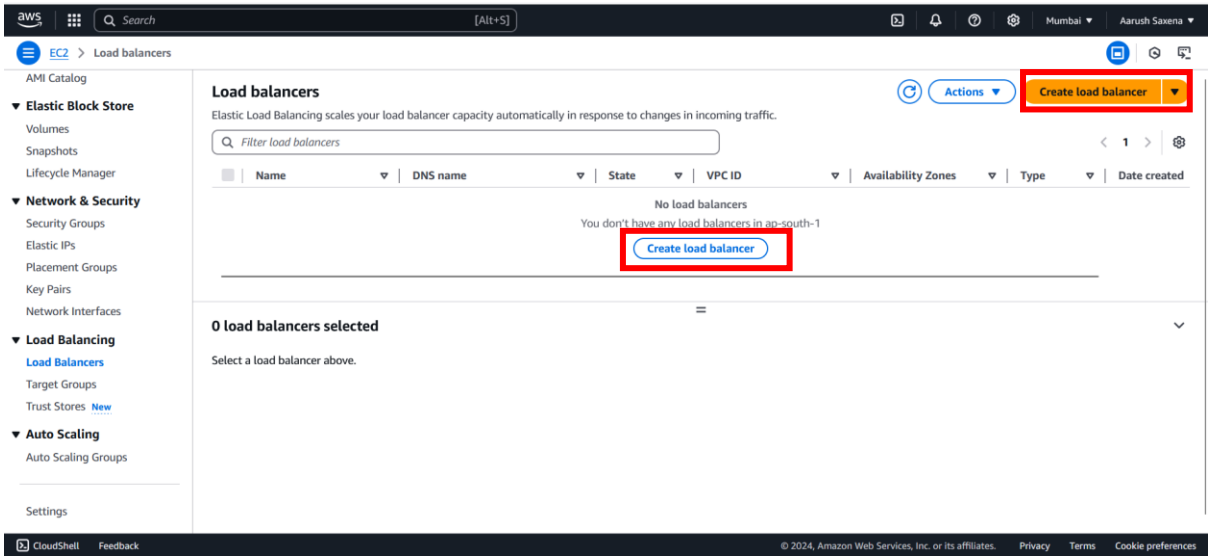


this is server2

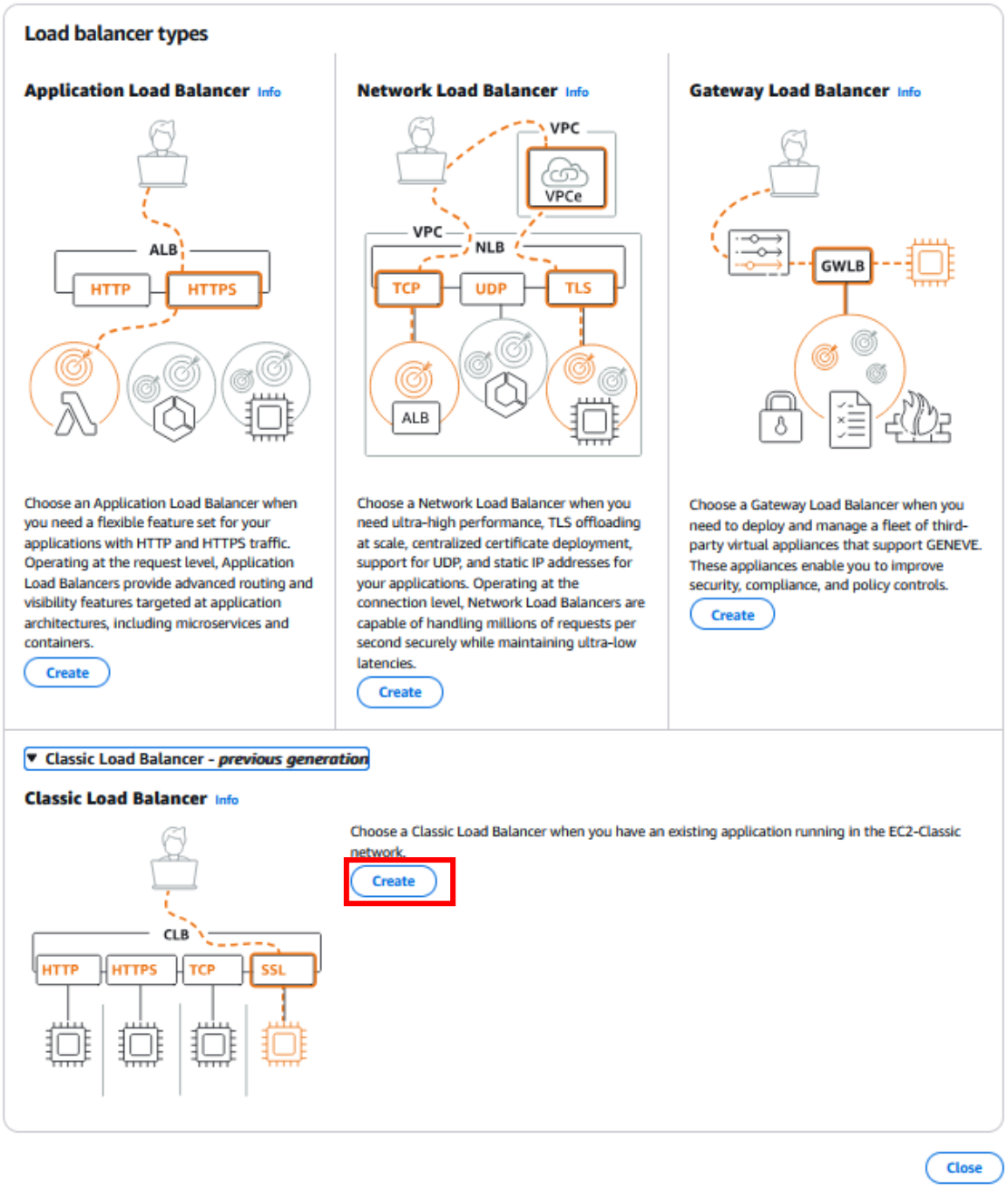
Step 3 : On the left side scroll down and click on Load Balancers



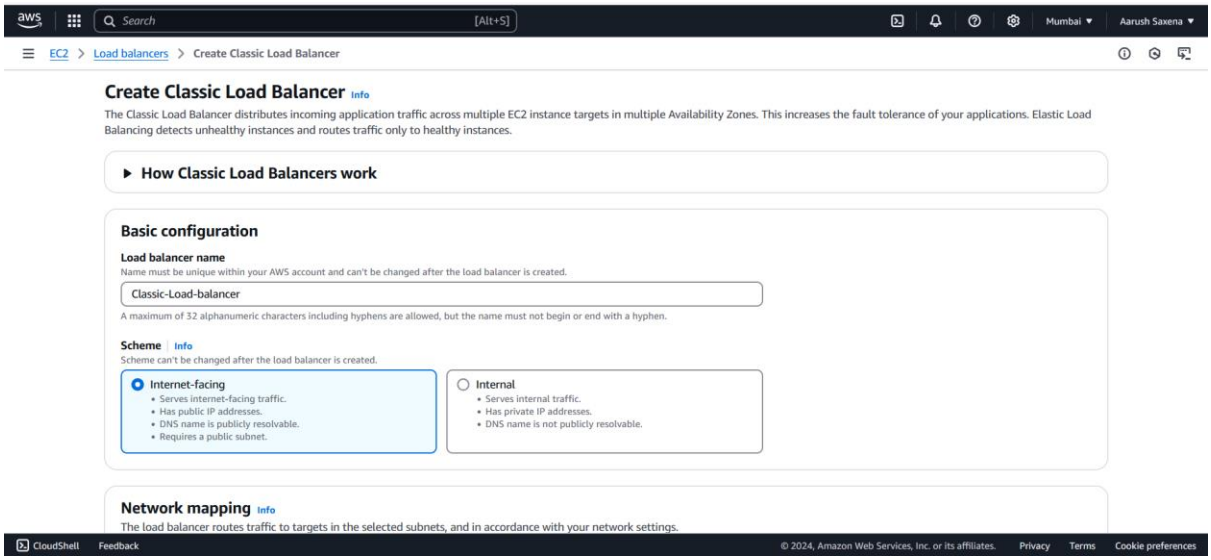
After clicking on it you can see window like this now click on create load balancer



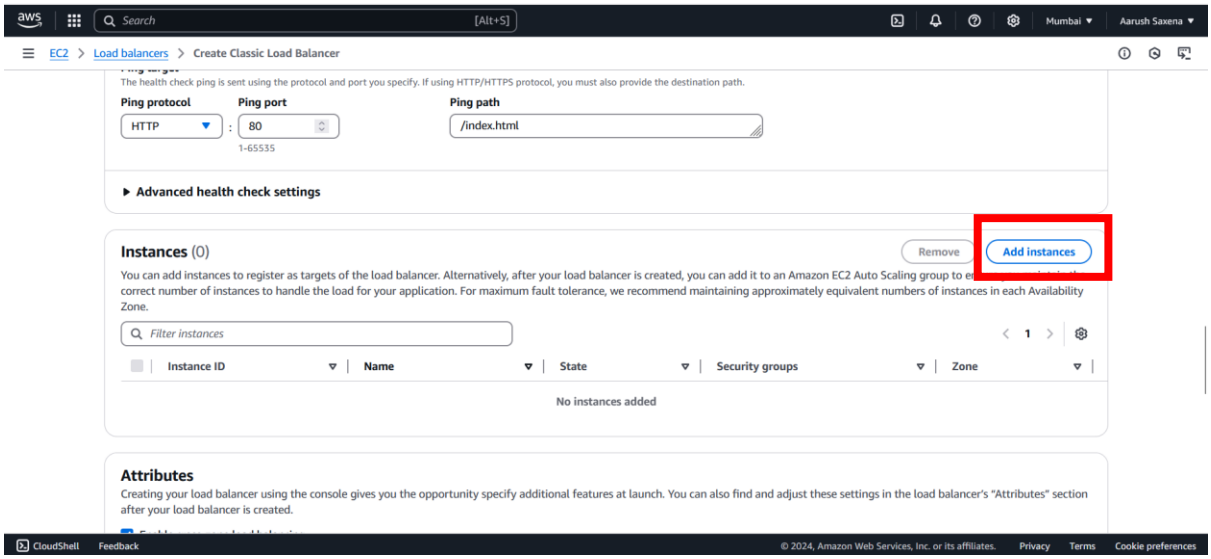
After clicking on it you can see some types of load balancer in this pdf file we will discuss about previous generation load balancer.



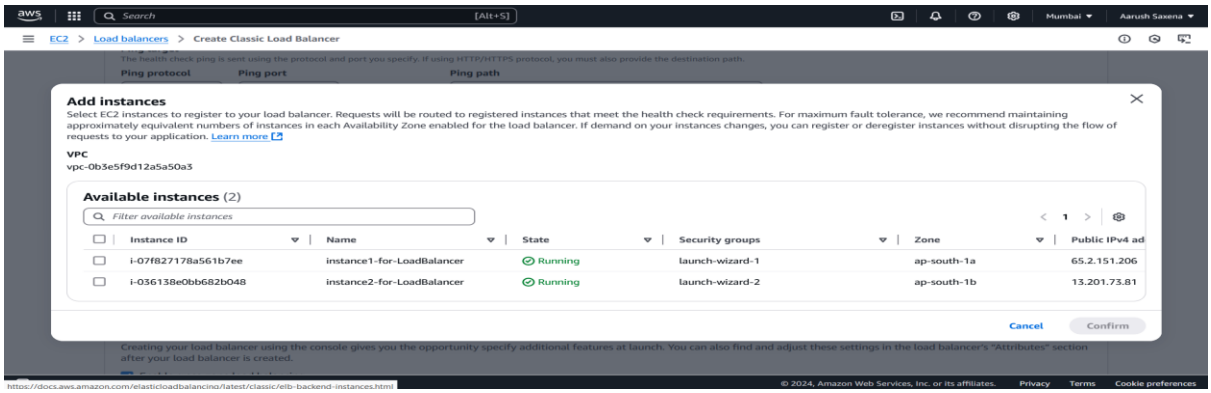
Step4: Click on Classic Load Balancer and click on create. Give a name to load balancer, scroll down and on network mapping select two availability zones in it and leave other settings to default settings.



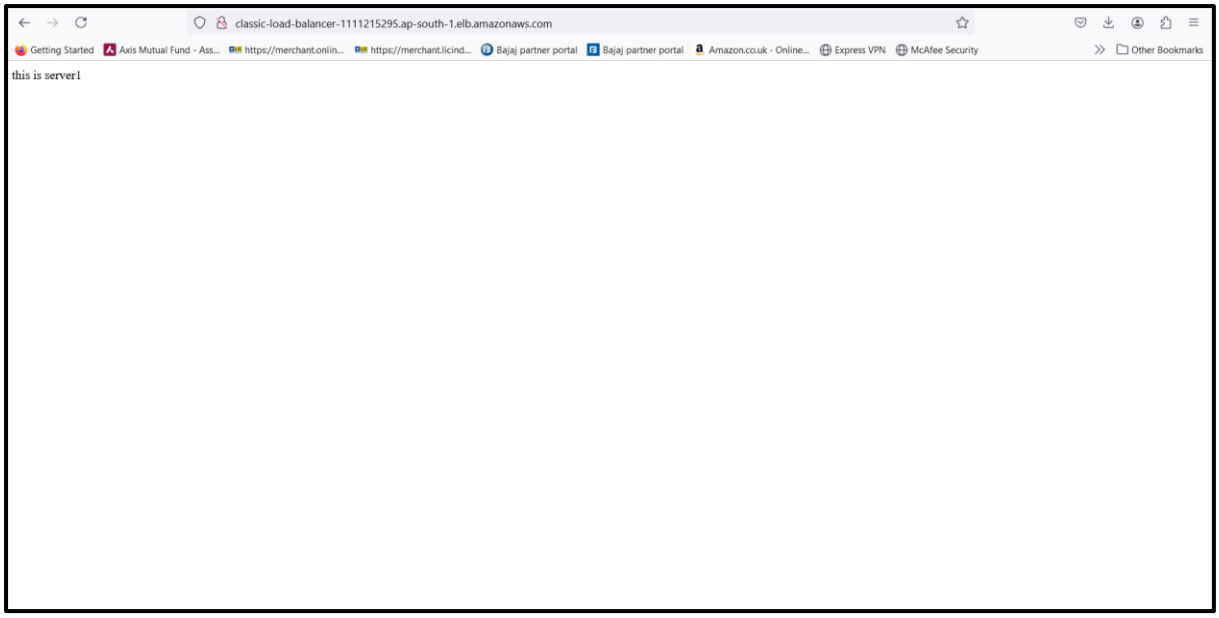
Scroll down and on Instances click on Add Instances

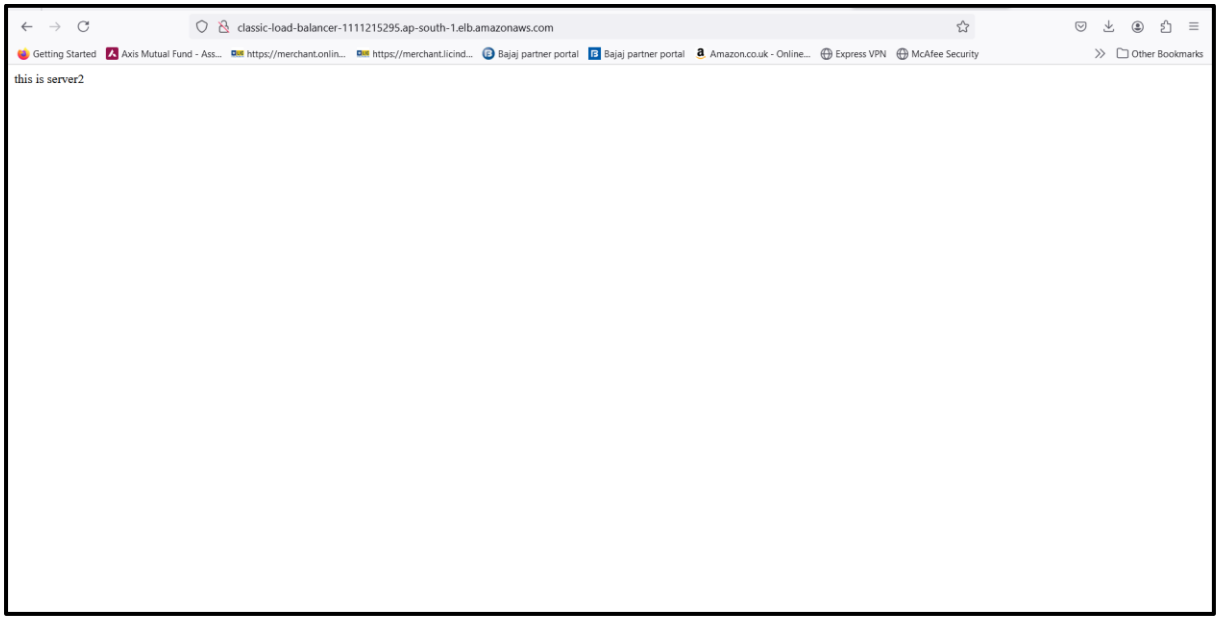


After clicking on it a window will appear that shows instances select both instances and click on confirm.



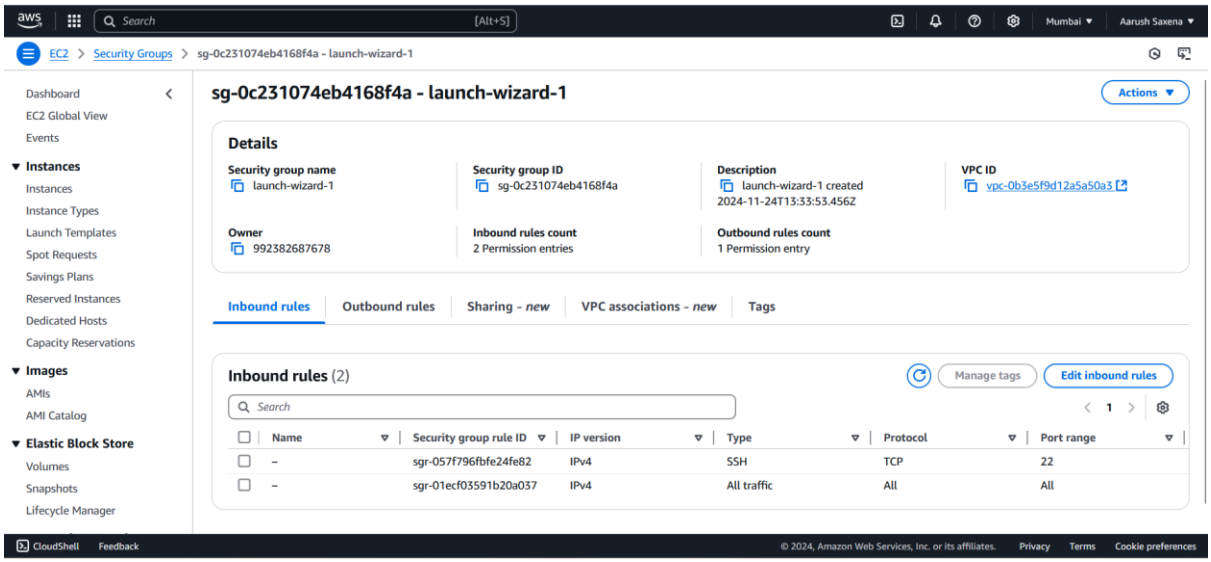
And now click on create load balancer.

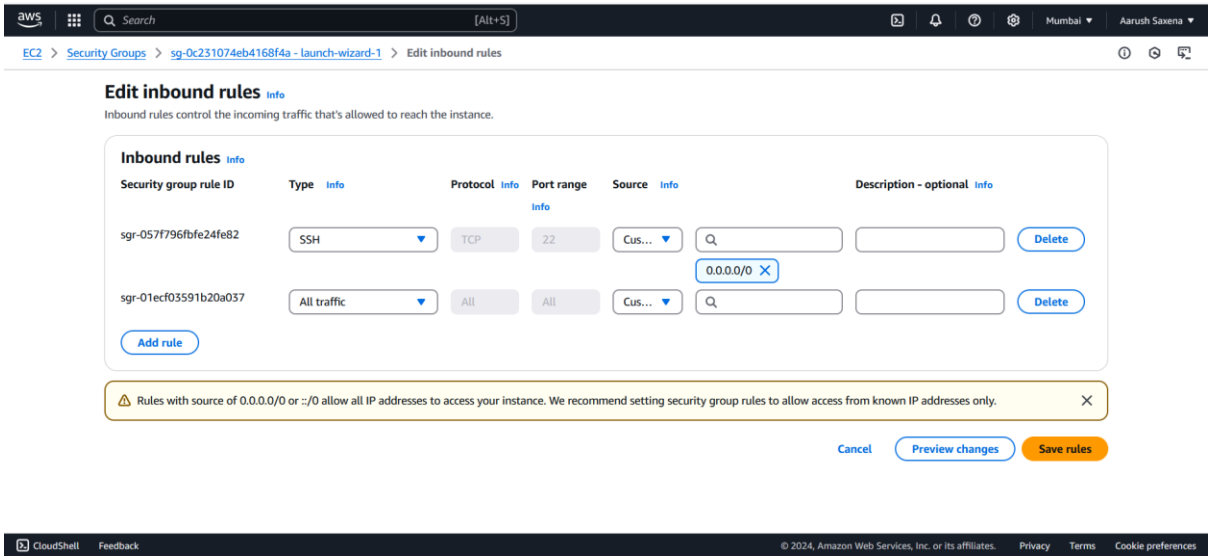




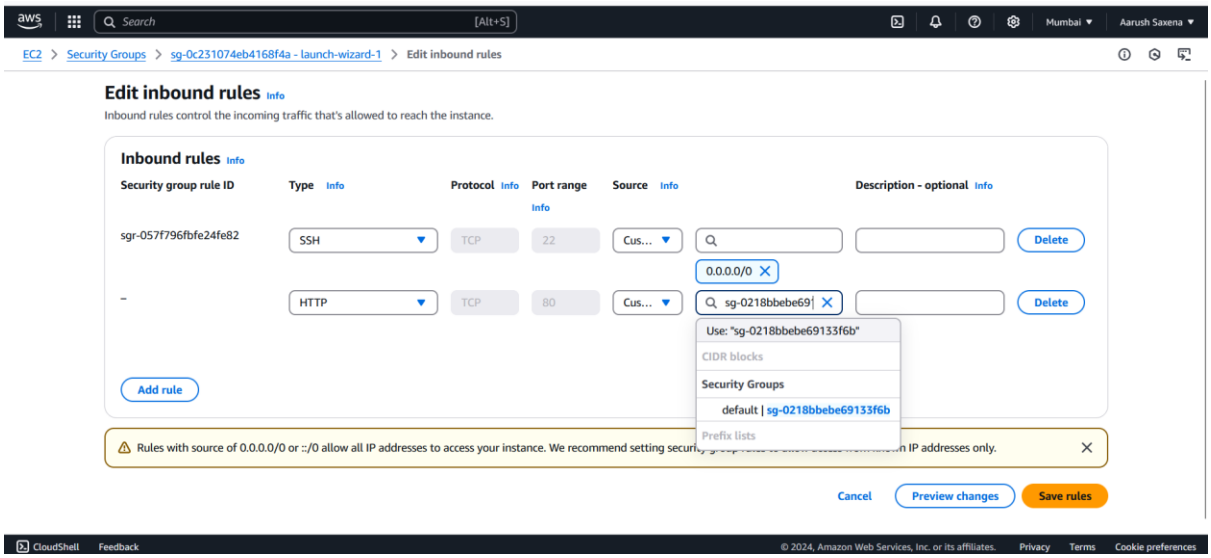
From this approach you can see still you can access this data from hitting ip address of instance directly this is not a good approach.

Step 5: Go-to EC2 instance select the instance click on security under that you can see security groups click on it now click on edit inbound rules. Now delete all traffic rule and add a new rule with HTTP type and give source of classic load balancer.

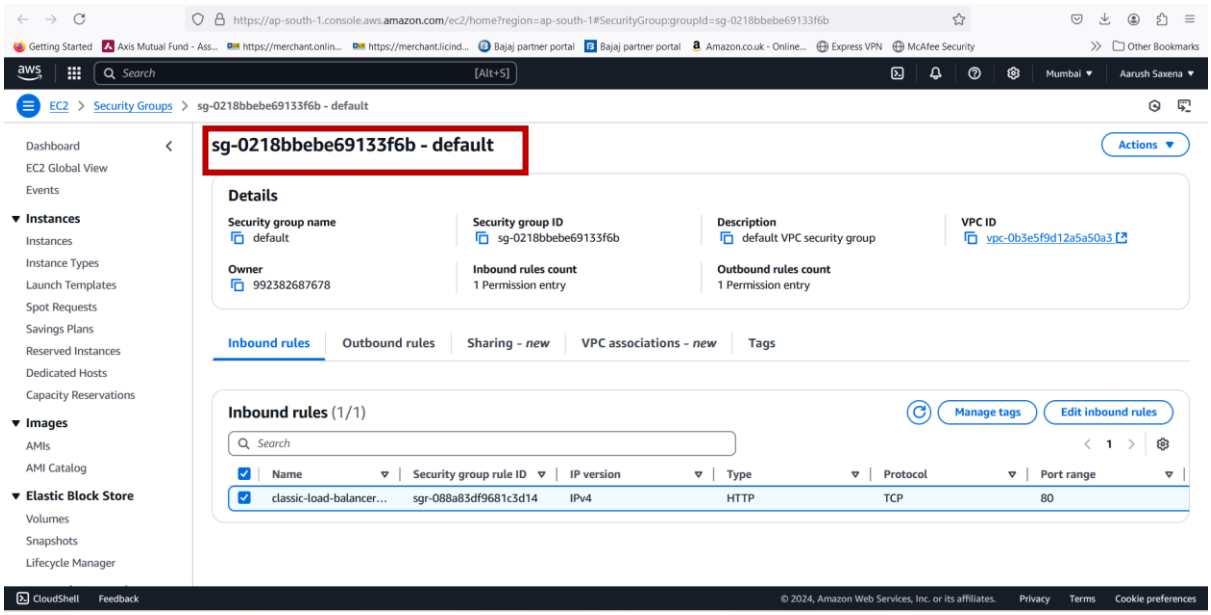




Now give source id of classic load server and click on save rules.



To find this source id go to classic load balancer go to security a window will appear like this and on the top you can see source id



Do the same with another instance.

Now you can see you cannot access the data while hitting ip directly.