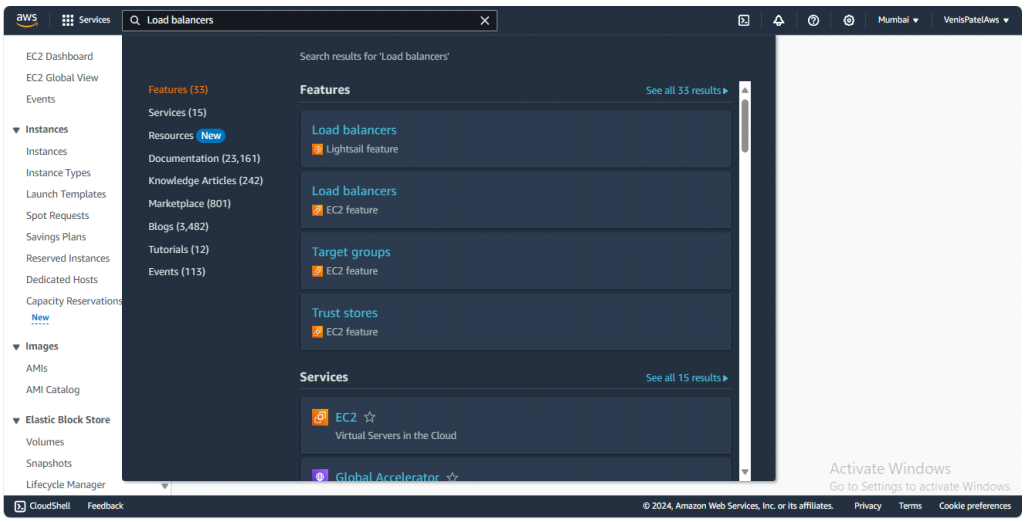
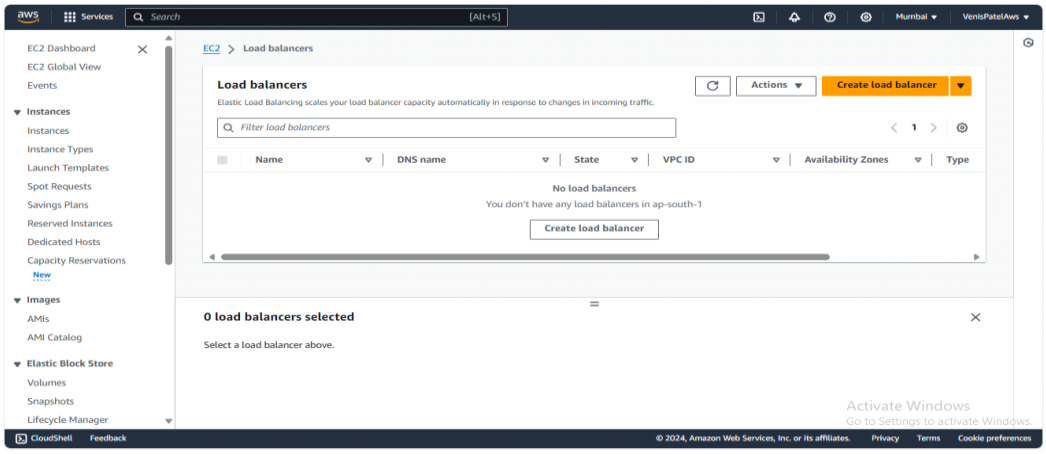
TASK 4: Create an ALB and map the instances under ALB.

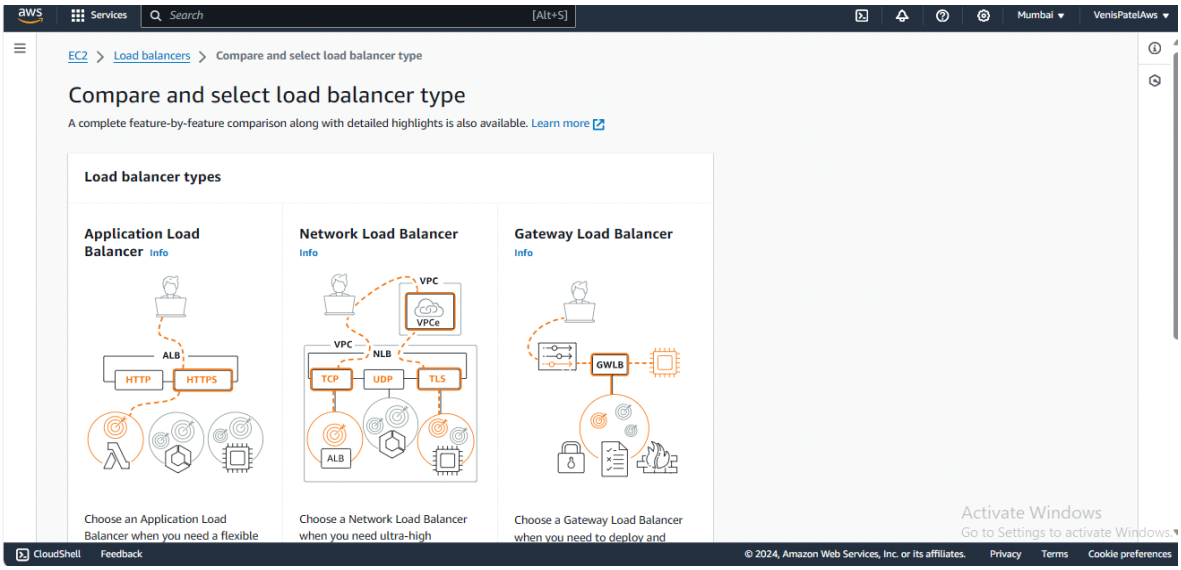
1. Go to AWS console and search for "Load balancers" and select option with EC2 feature .



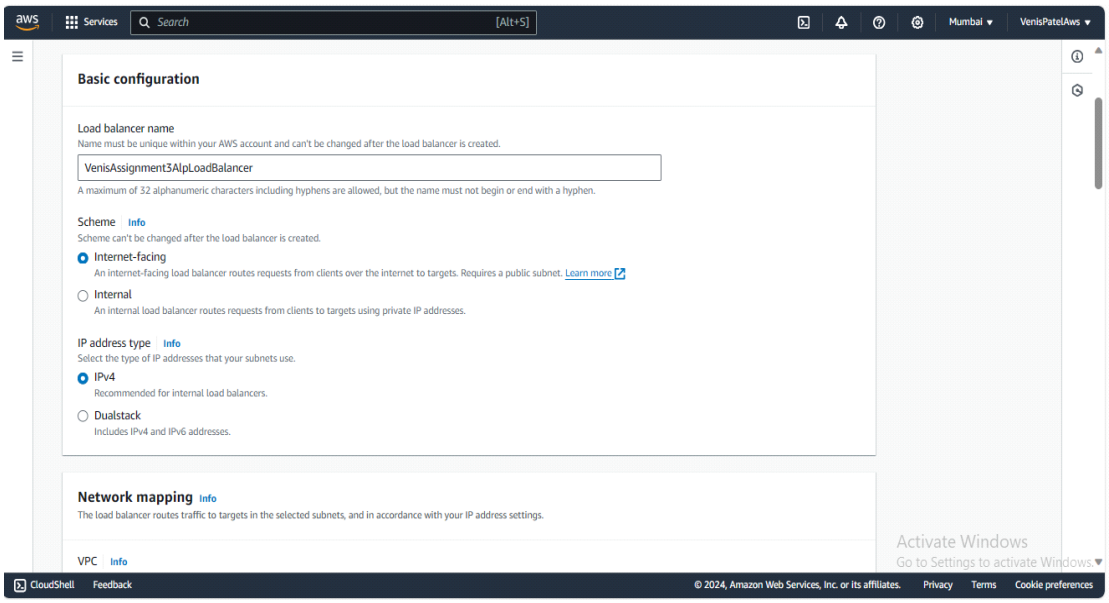
2. Now Click on “Create load balancer”.



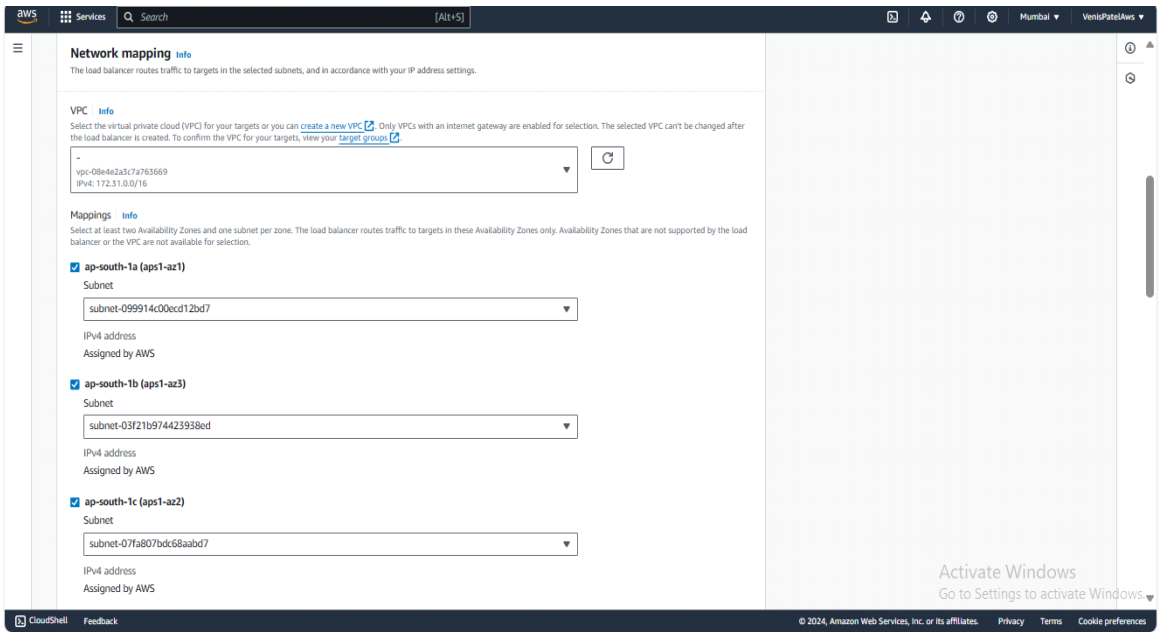
3. After that select Application Load Balancer in Load balancer types selection.



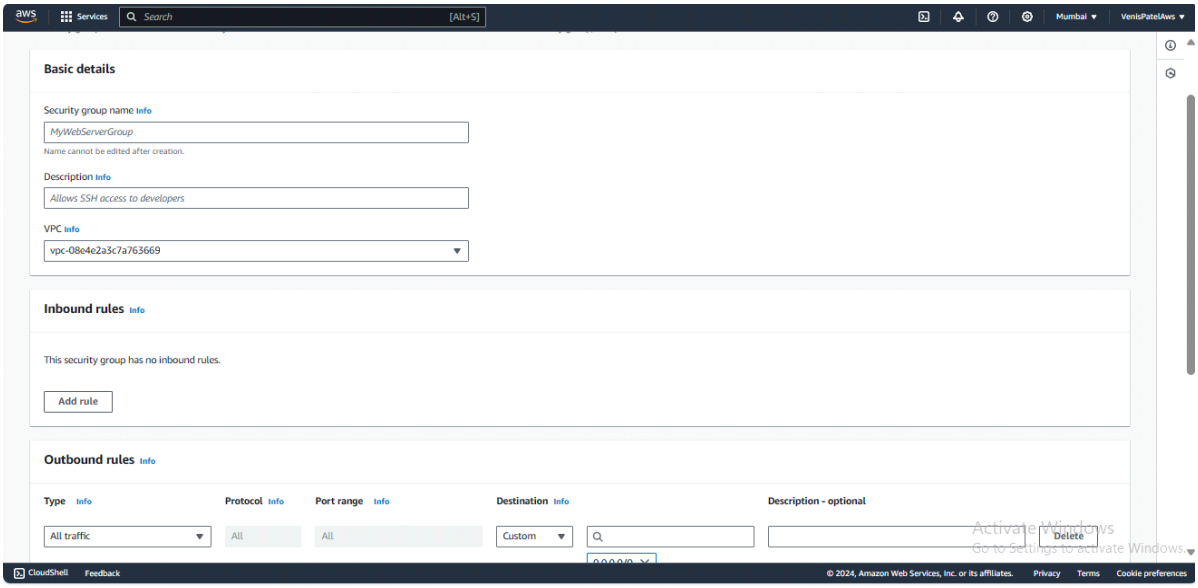
4. Now , we need to enter name, keep other things same .



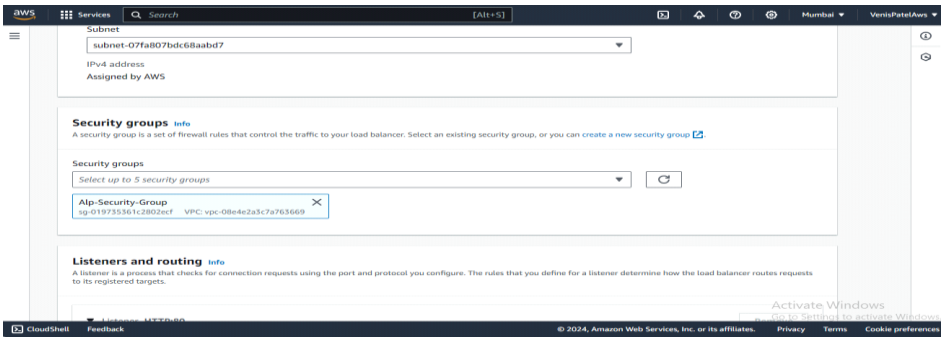
5. In Network Mapping keep VPC same, and select all Mapping zones .



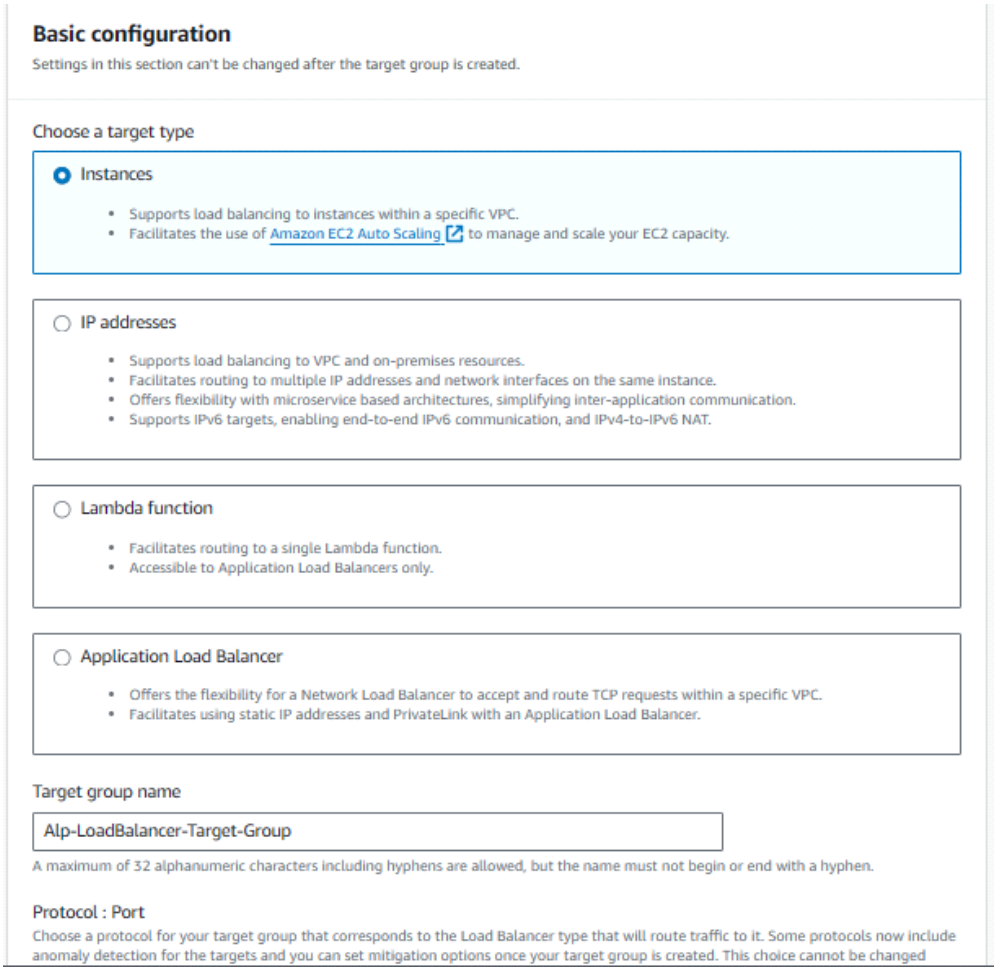
6. In security groups, click on link “create a new security group”, Now enter the name and description , then click add rule inside Inbound tab, then select Type HTTP and select source as any (0.0.0.0/0), keep outbound rules as it is (All Traffic), Finally click on “create security group”.

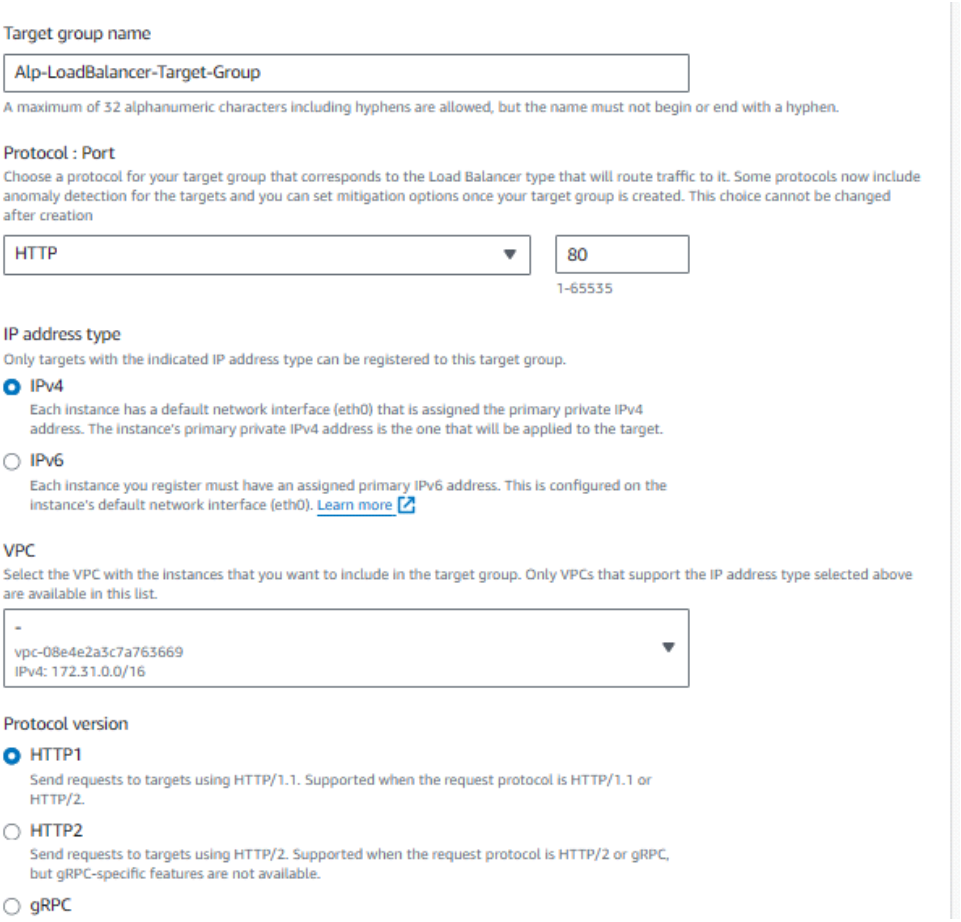


7. Now select only alp-security-group from the security group.

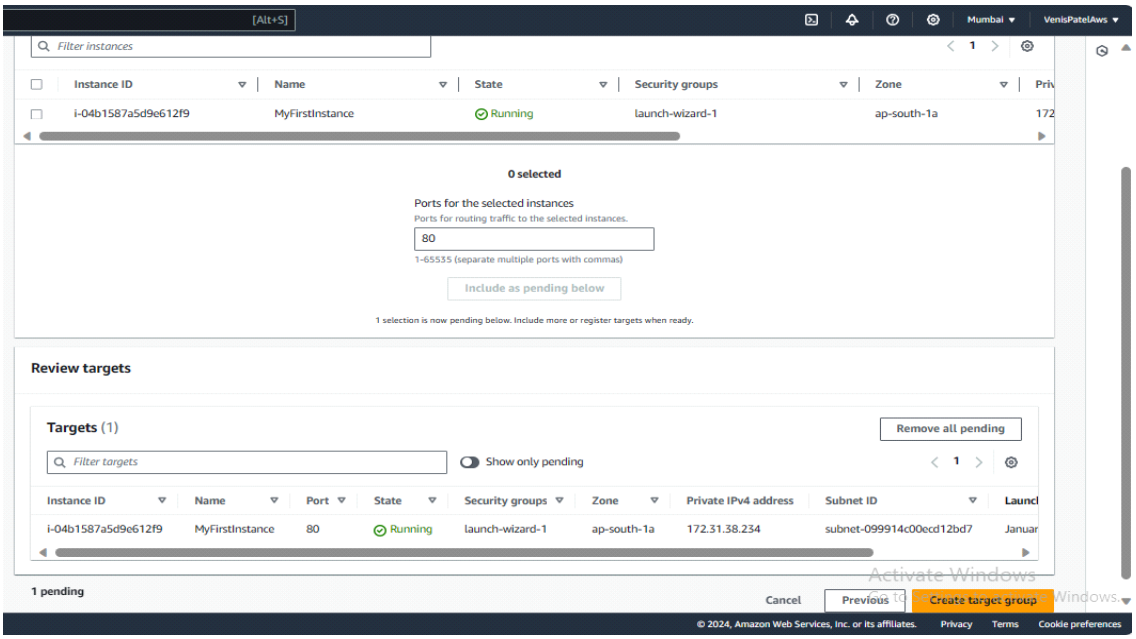


8. Then inside Listeners and Routing tab click on link “create target group”, In this choose type Instances, then enter target group name , Keep Protocol HTTP and port 80, And then click on next.

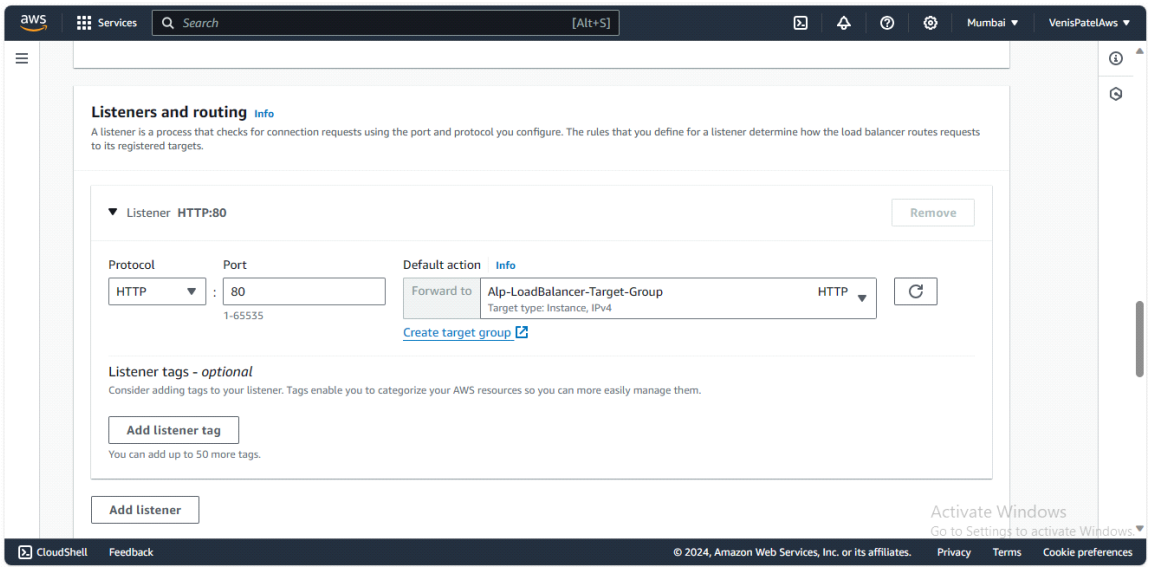




9. Now select instance then click on pending below and then click on create target group.



10 . Now select “Alp-Loadbalancer-Target-Group” inside Listeners and routing.



11. Finally click on “Create Load Balancer” and Now we can see that our load balancer has been created .