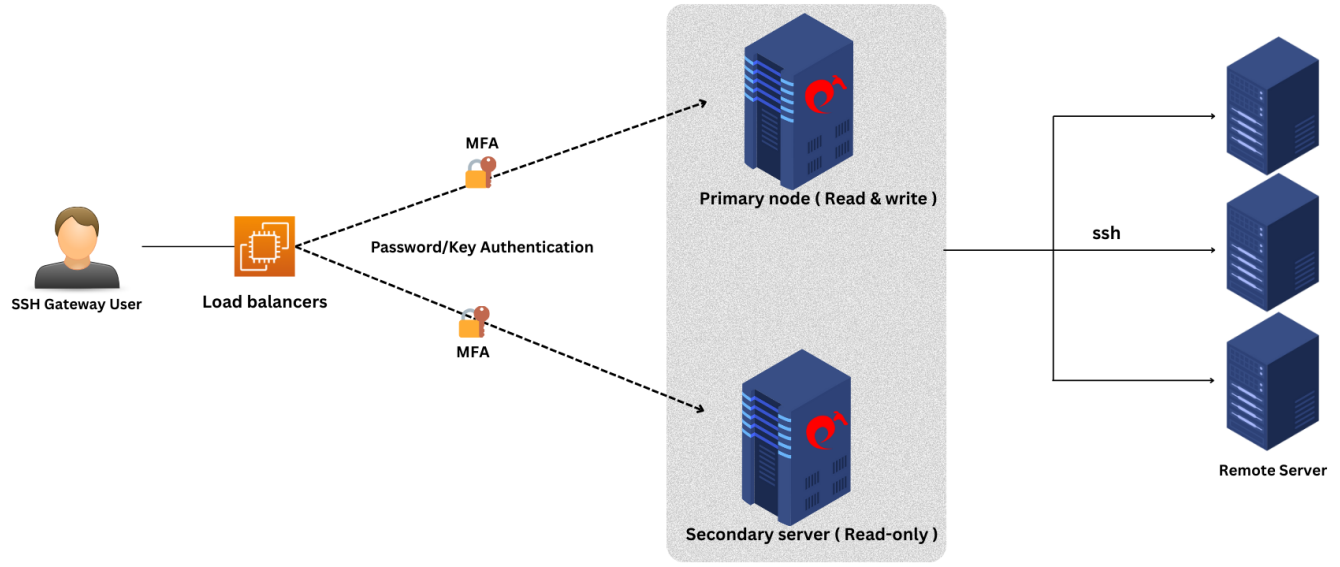
Create load balancer in AWS for Ezeelogin Cluster

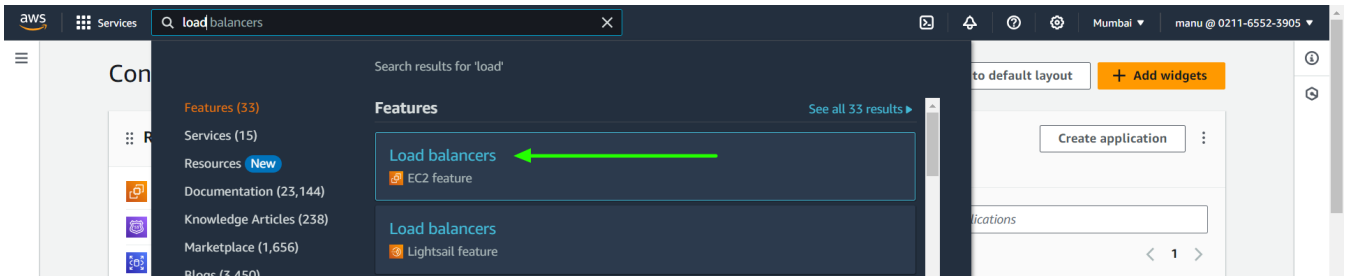
680 Nesvin KN April 22, 2025 Features & Functionalities, General, Technical 1563

How to create load balancer in AWS for Ezeelogin Cluster setup for HA?

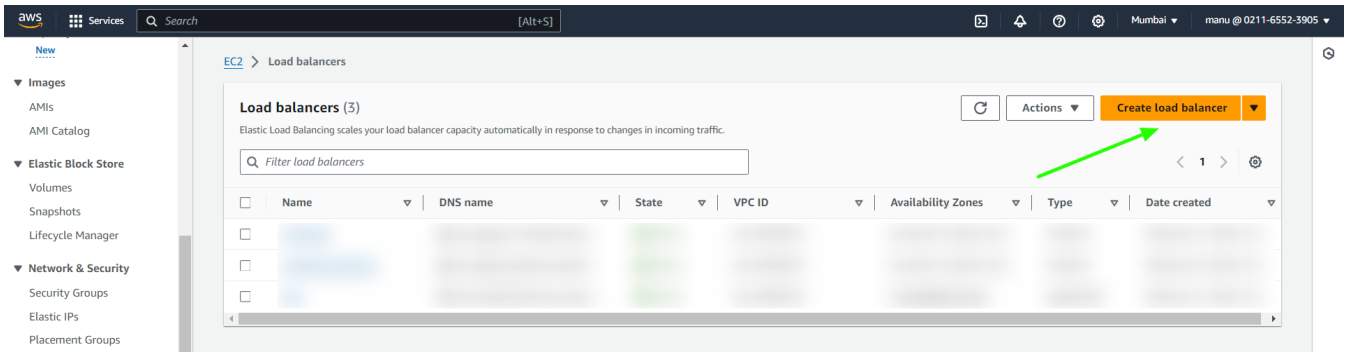
Overview: This article describes how to set up a Network Load Balancer (NLB) in AWS to support High Availability (HA) for Ezeelogin cluster node, enabling traffic distribution between primary and secondary nodes.



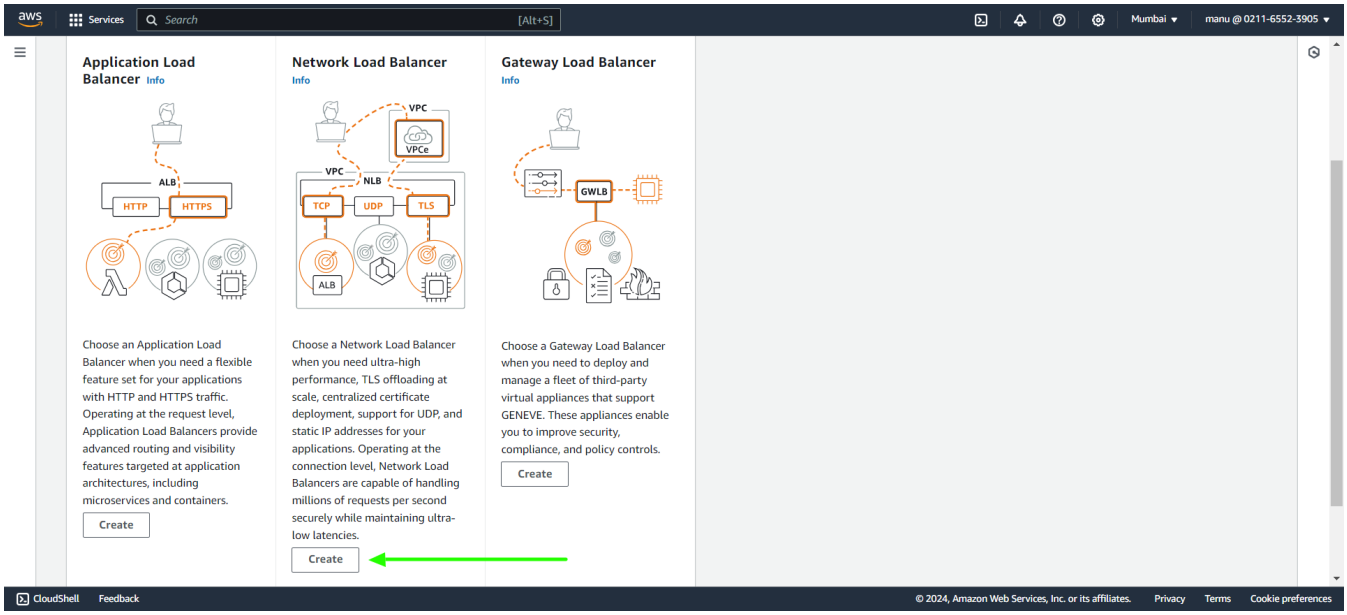
Step 1: Login to the AWS account and search for **load balancer with EC2 feature**.



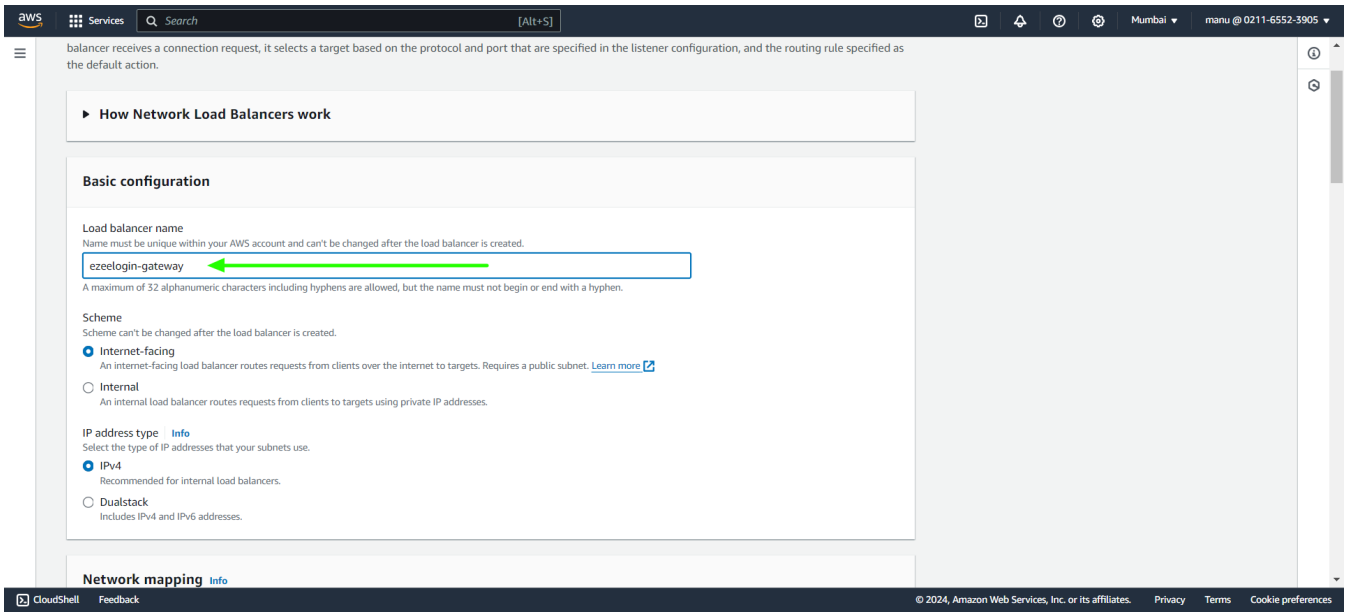
Step 2: Create new load balancer.



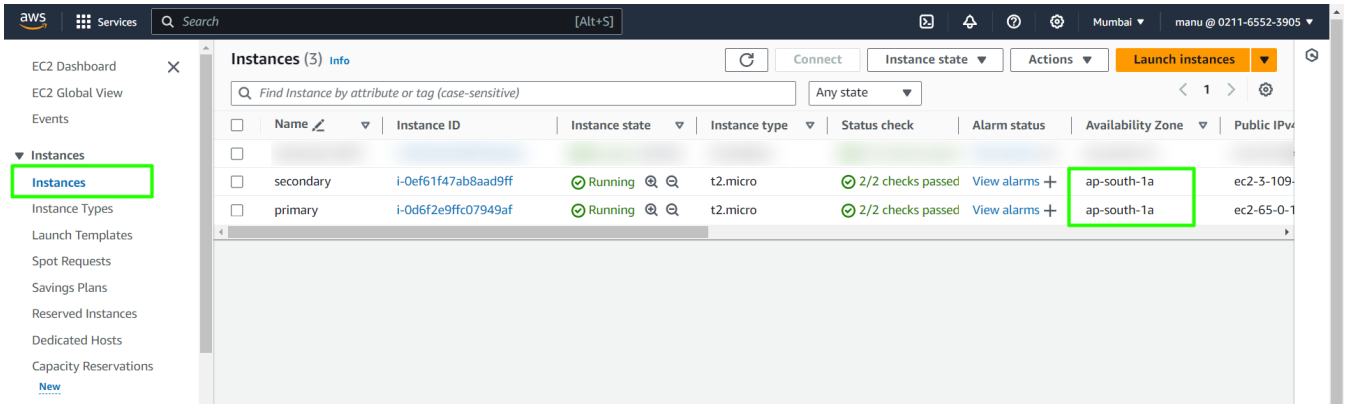
Step 3: Create **Network Load Balancer** from the three option.

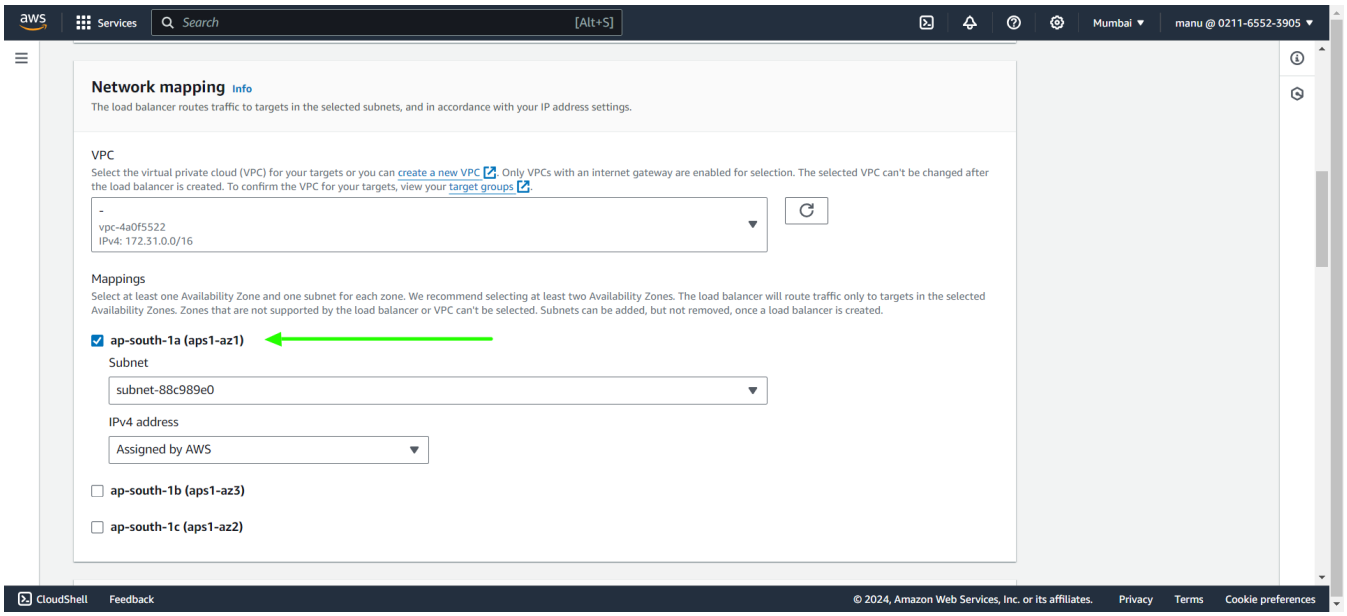


Step 4: In the basic configuration provide **load balancer name**.

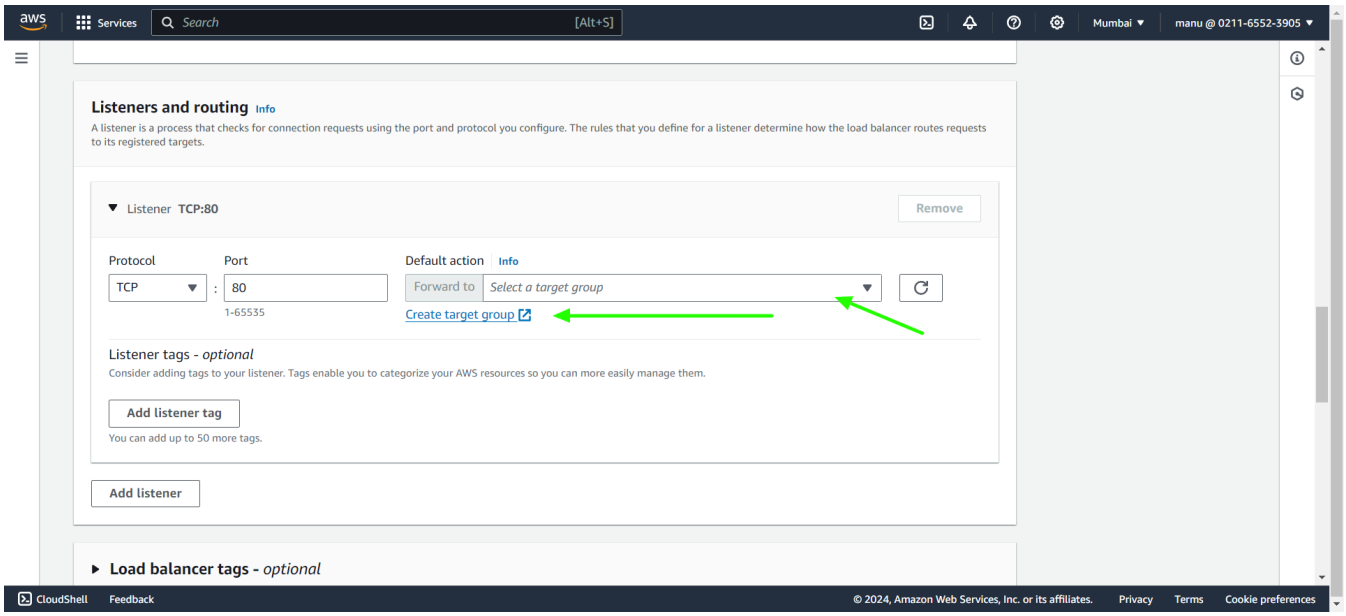


Step 5: Click on **instance tab** with **another browser tab** and check for the **availability zone of the both primary and secondary**.

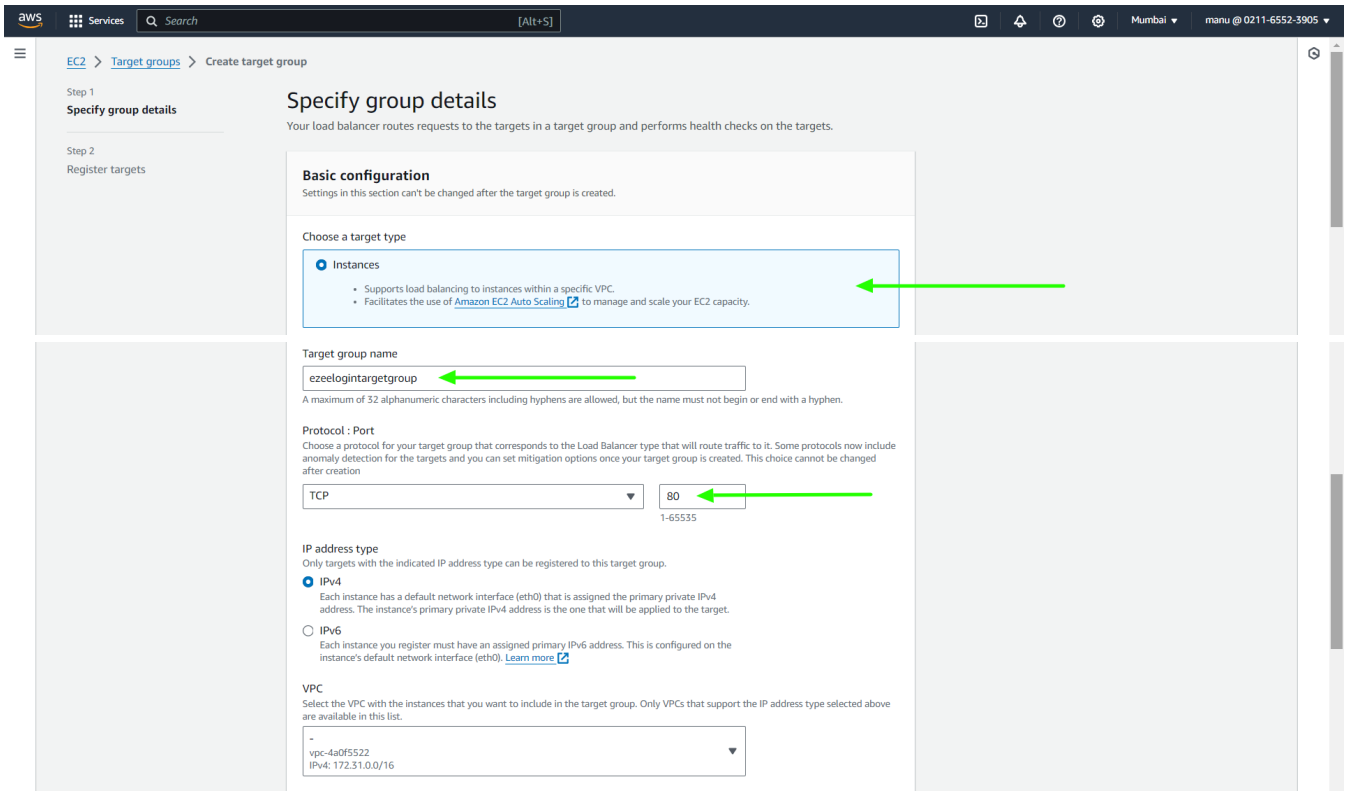




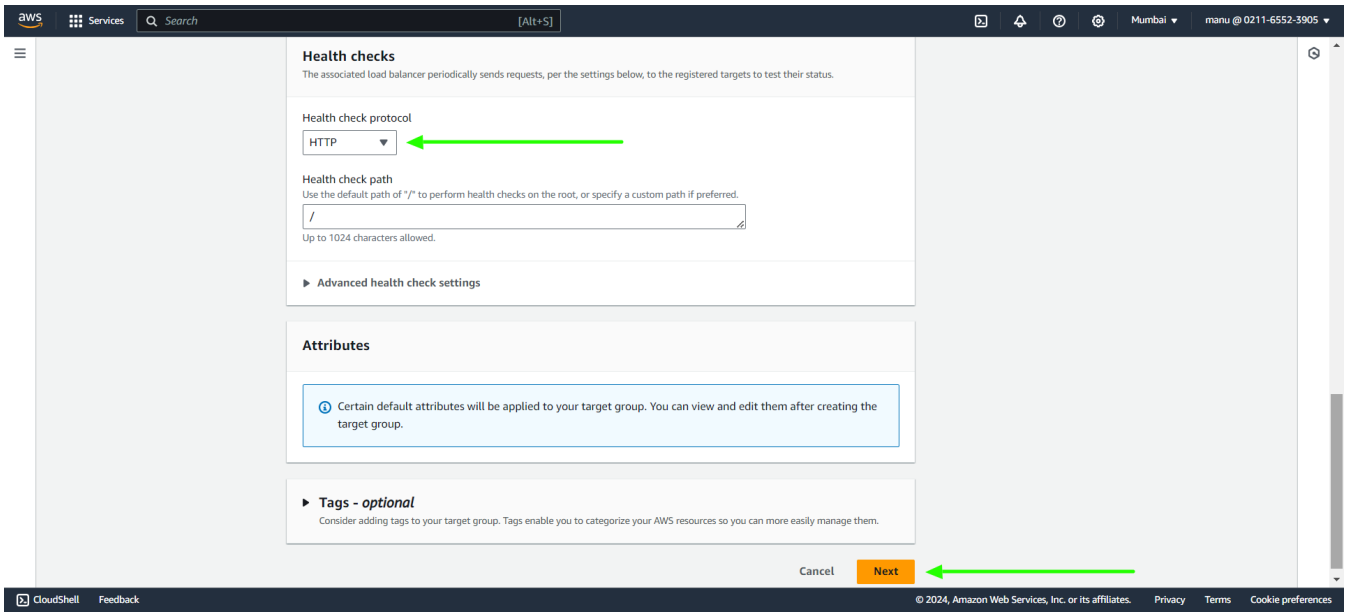
Step 6: Create target group using the link below **Default action**.



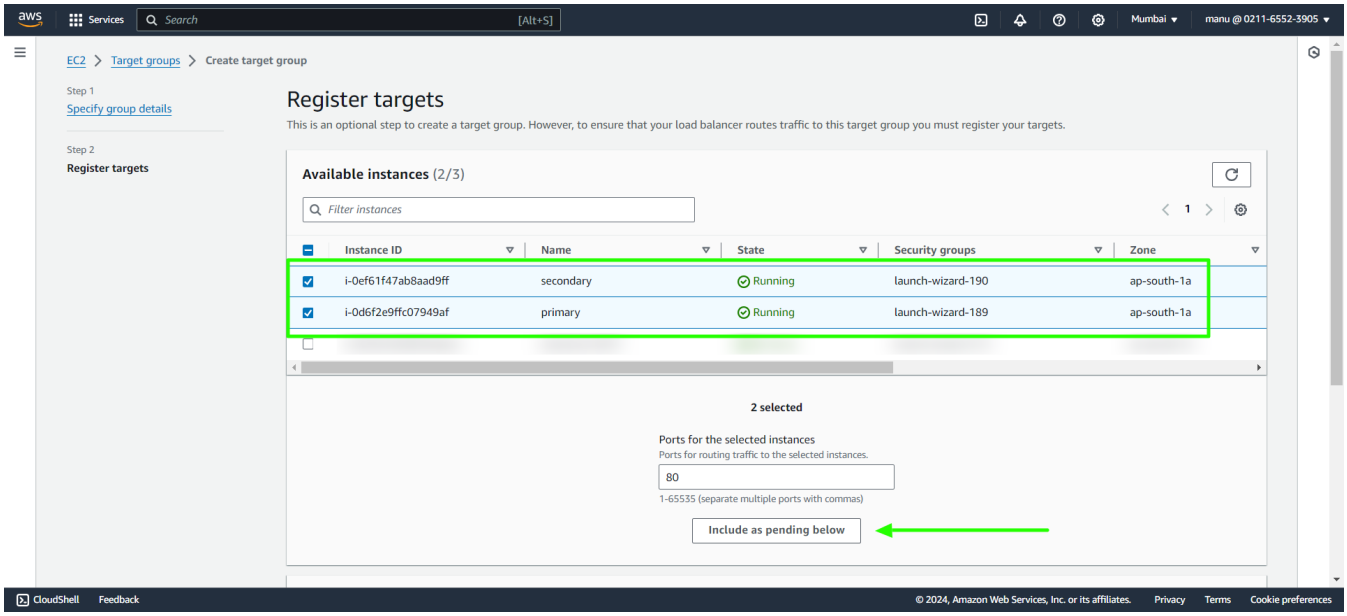
Step 6 (A): In **basic configuration** select **Instances**, provide a **group name** and **specify port number**.



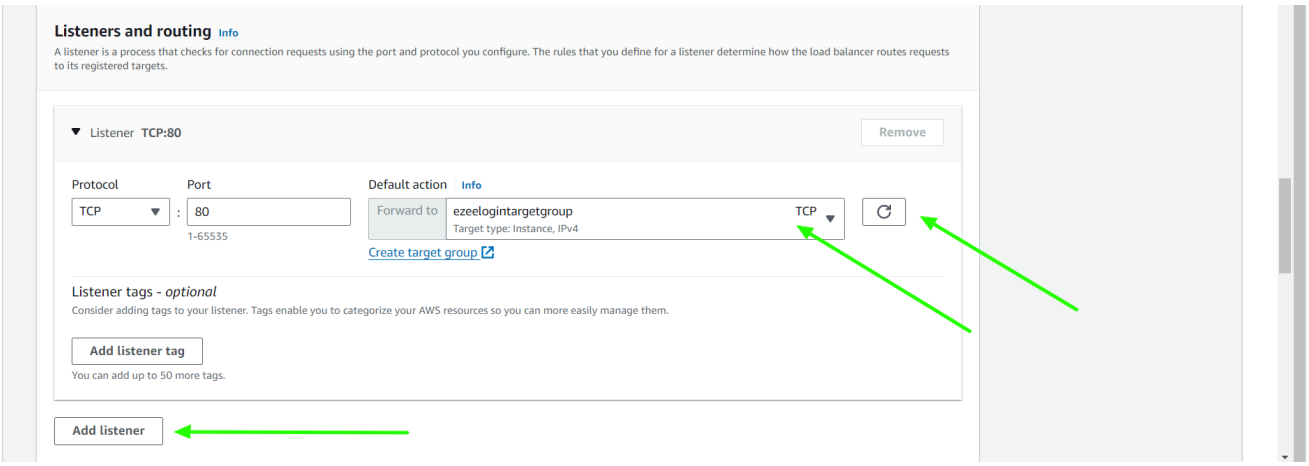
Step 6(B): In **Health checks** select **protocol** from drop down option and click on next.



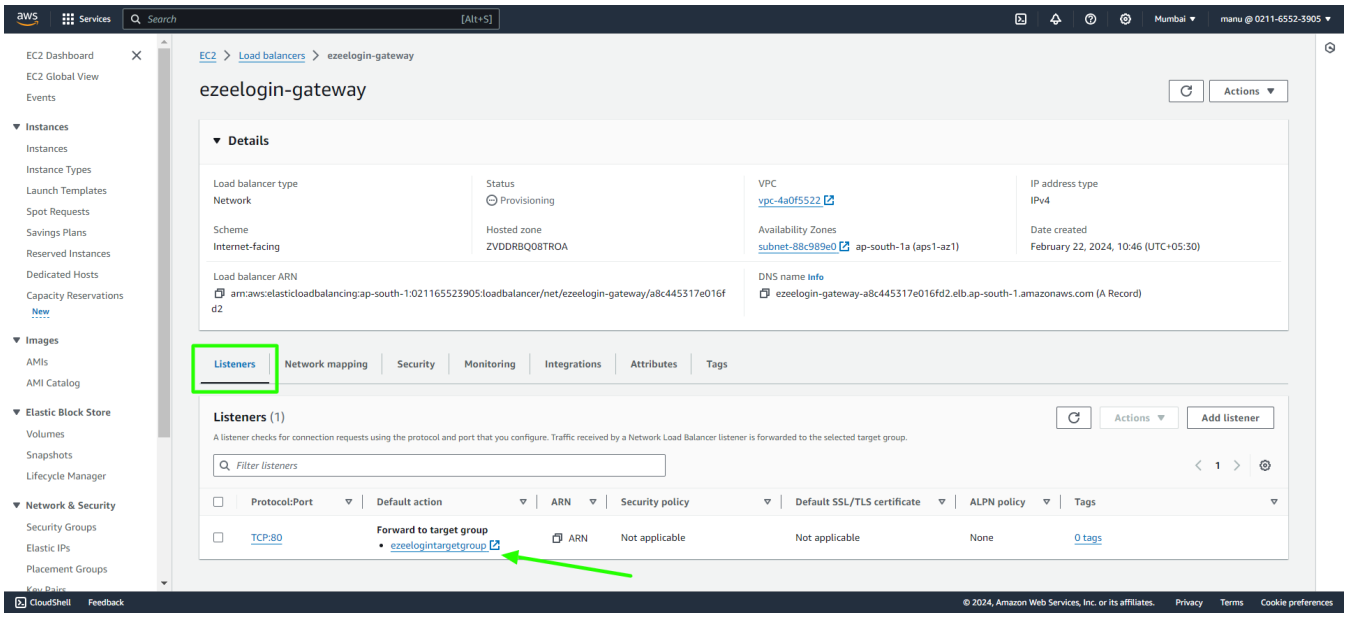
Step 6(C): Select both the primary and secondary instances and click on **Include as pending below** and **create target group**.



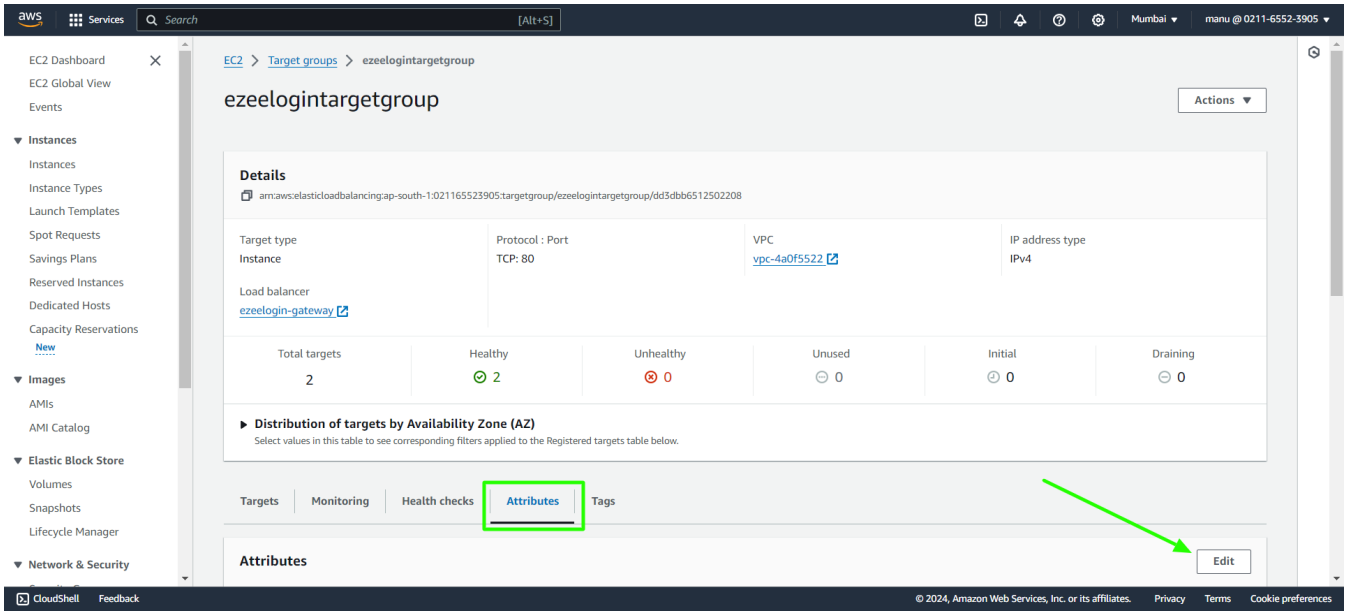
Step 7: Click on **refresh icon** and select the **new target group name**. Create **new listeners** if you need to map more ports and scroll down to the bottom and click on **create load balancer**.



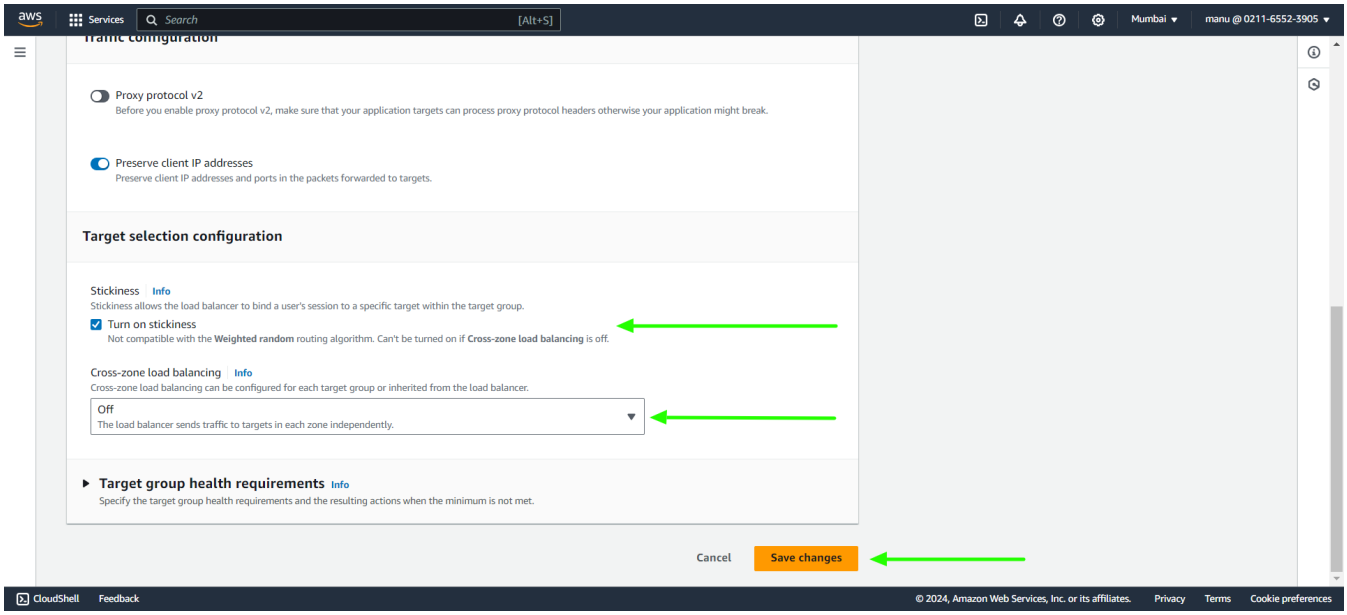
Step 8: In the **load balancer** click on the **Listeners tab** and click on **target group name**.



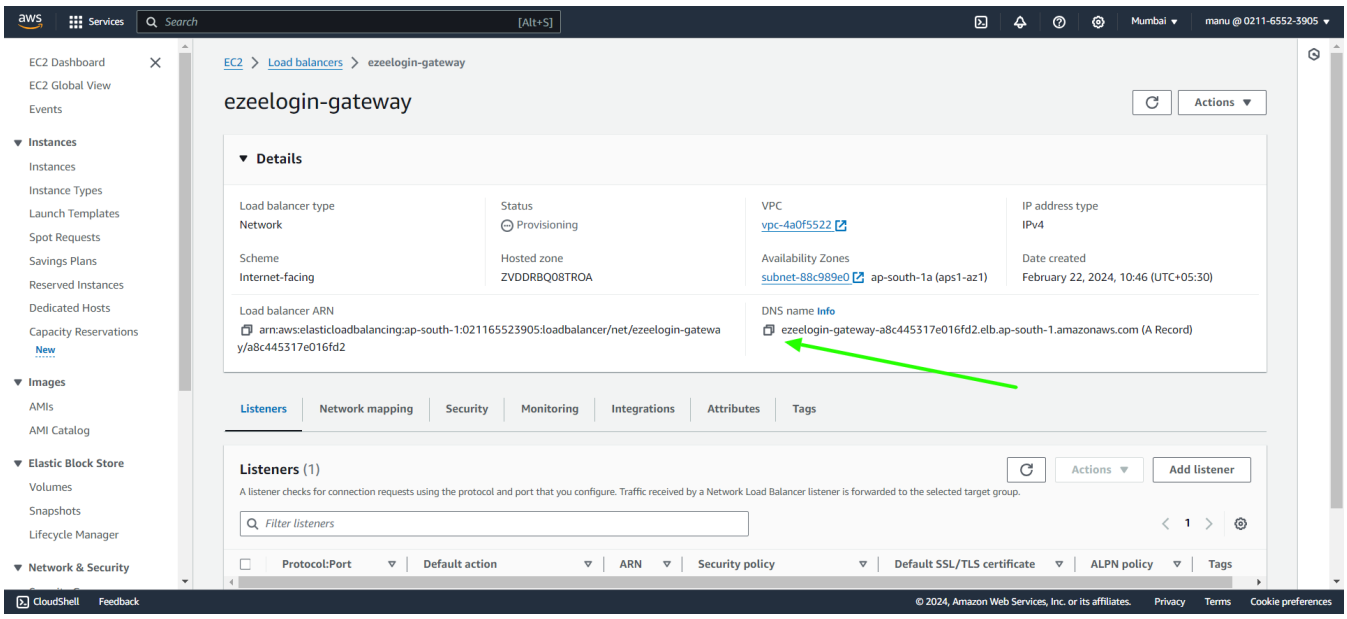
Step 9: In target groups click on **Attributes** and then **edit** attributes.



Step 10: Enable stickiness and **Cross-zone load balancing** to **off** and save changes.



Step 11: In the load balancers, **copy the DNS name and access the link with a browser**. It will direct to the primary or secondary node based on the server load.



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