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Assignment:9 Load_Configure Network Load Balancer

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Create Network Load Balancer and configure the DNS in your web server

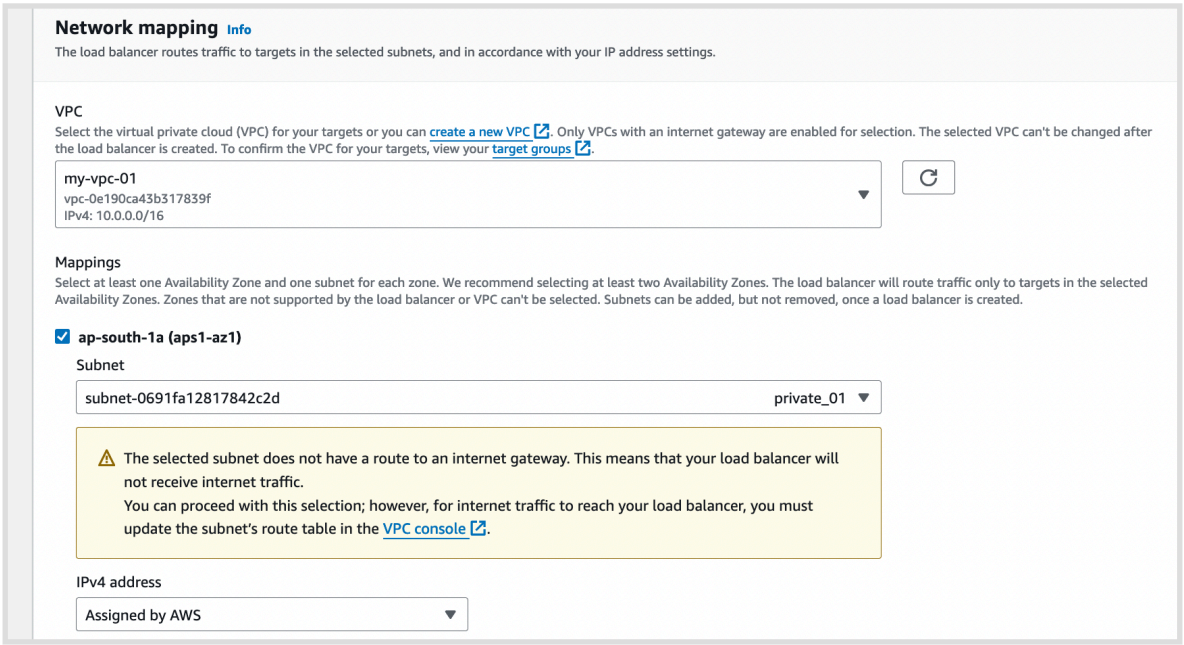
1. Navigate to EC2 Load Balancer and click on Create Load Balancer

2. In the Load Balancer type choose Network Load Balancer and click on Create option

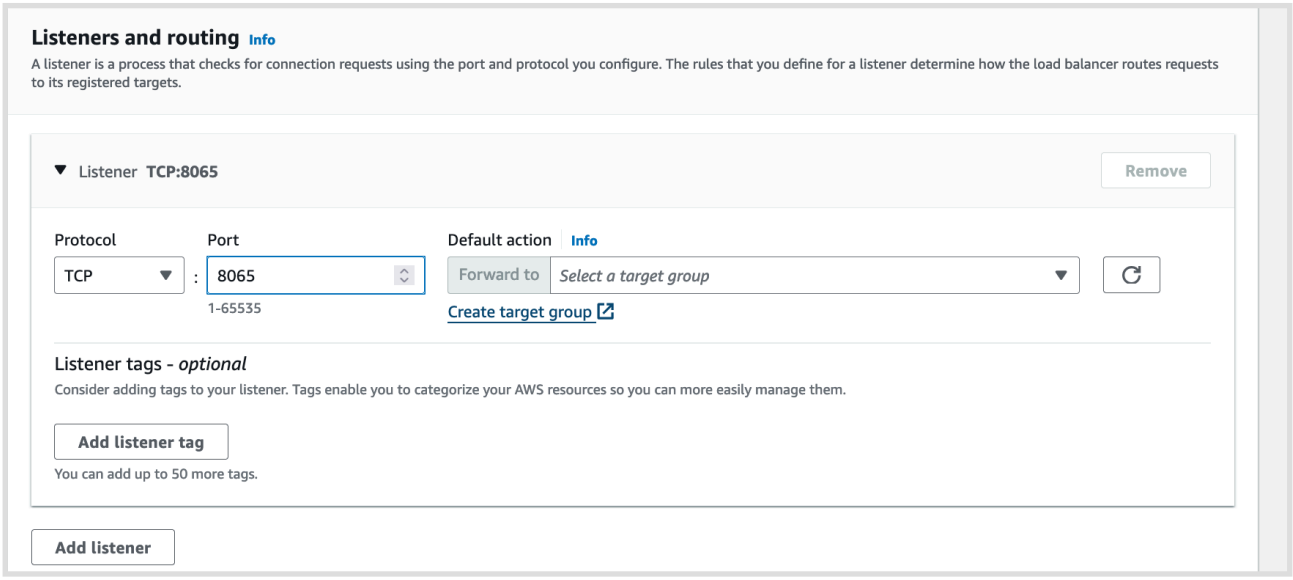
3. Provide the load balancer name, select Internal-facing, and IPv4 address type

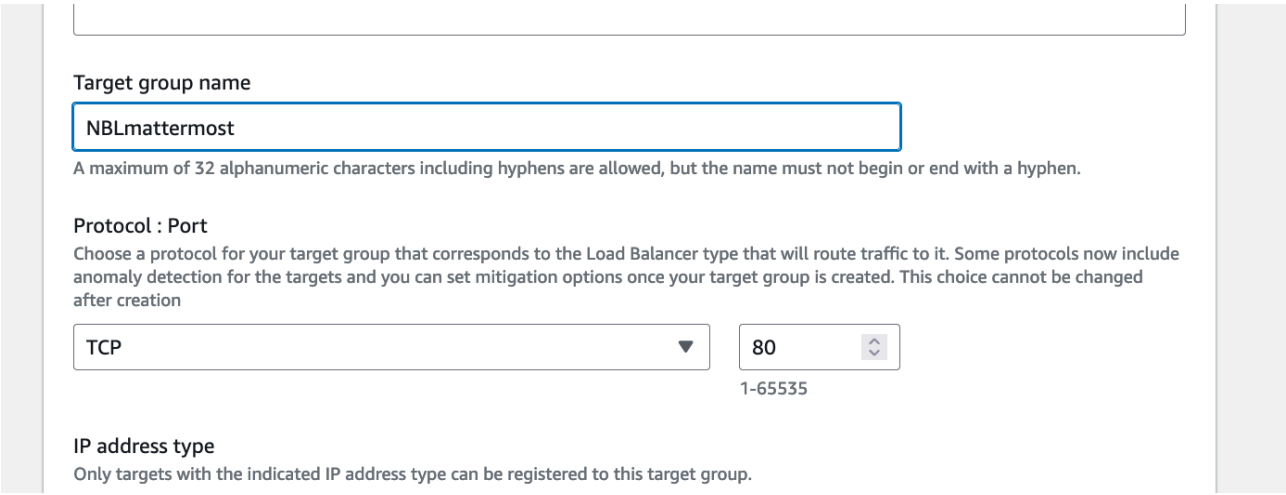
4. In the network mapping select your VPC

5. In the subnet mapping select the availability zones and select the private subnets where you run the two mattermost instance



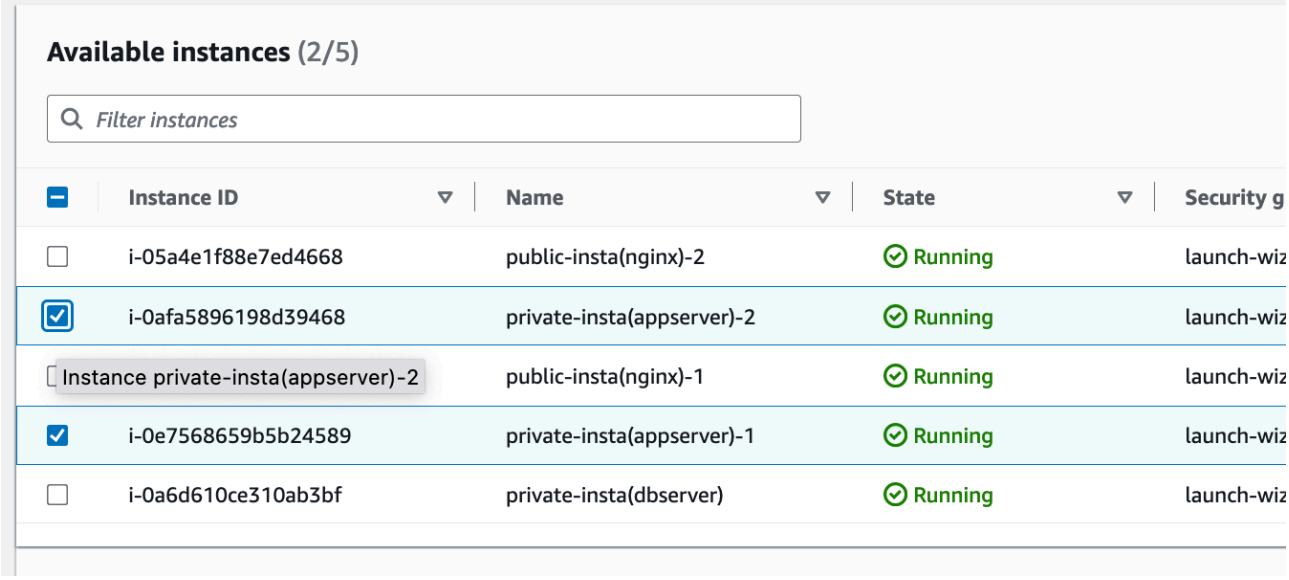
6. In the Listeners and Routing provide the TCP port 8065 , click on Create target group and select your VPC from the list, provide the target group name other options can be default.



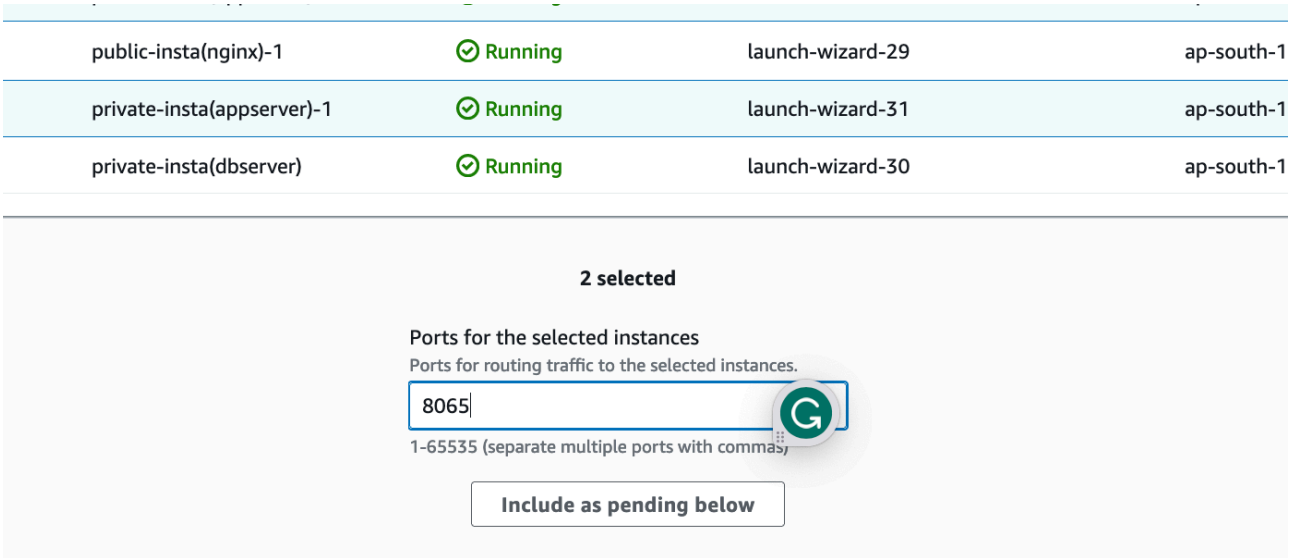


7. In the Advanced health check settings you can give your custom values in the traffic port. (you can leave as default if you don't wish to change it)

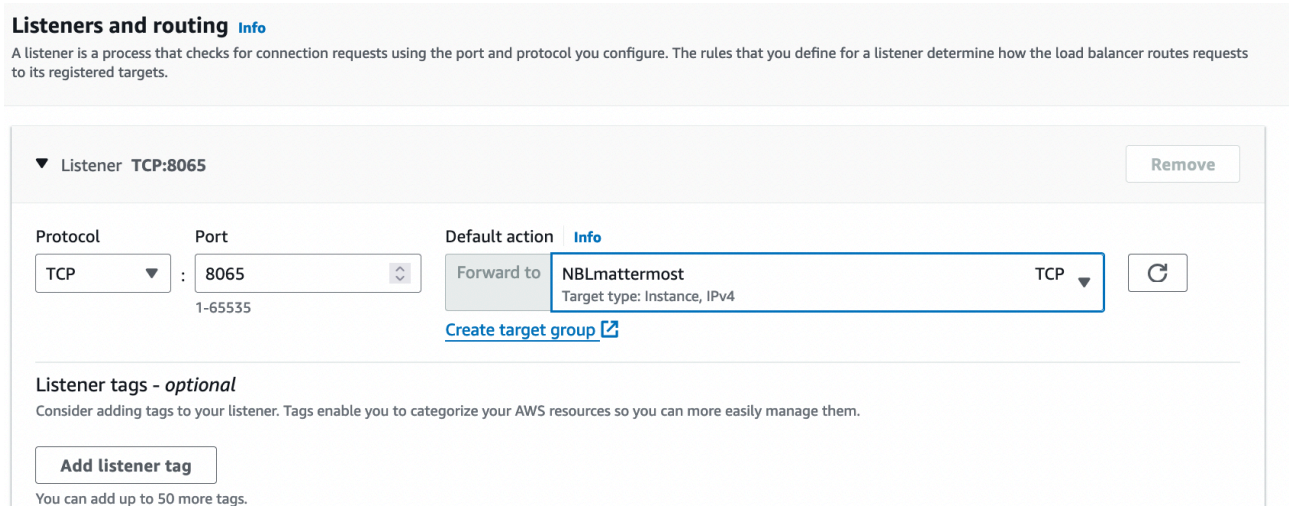
8. Click on 'Next' option and in the List of Registered Instances select your private instances where you are running the mattermost



9. Change the port number to 8065 and 'click include as pending below' and then create the target group.

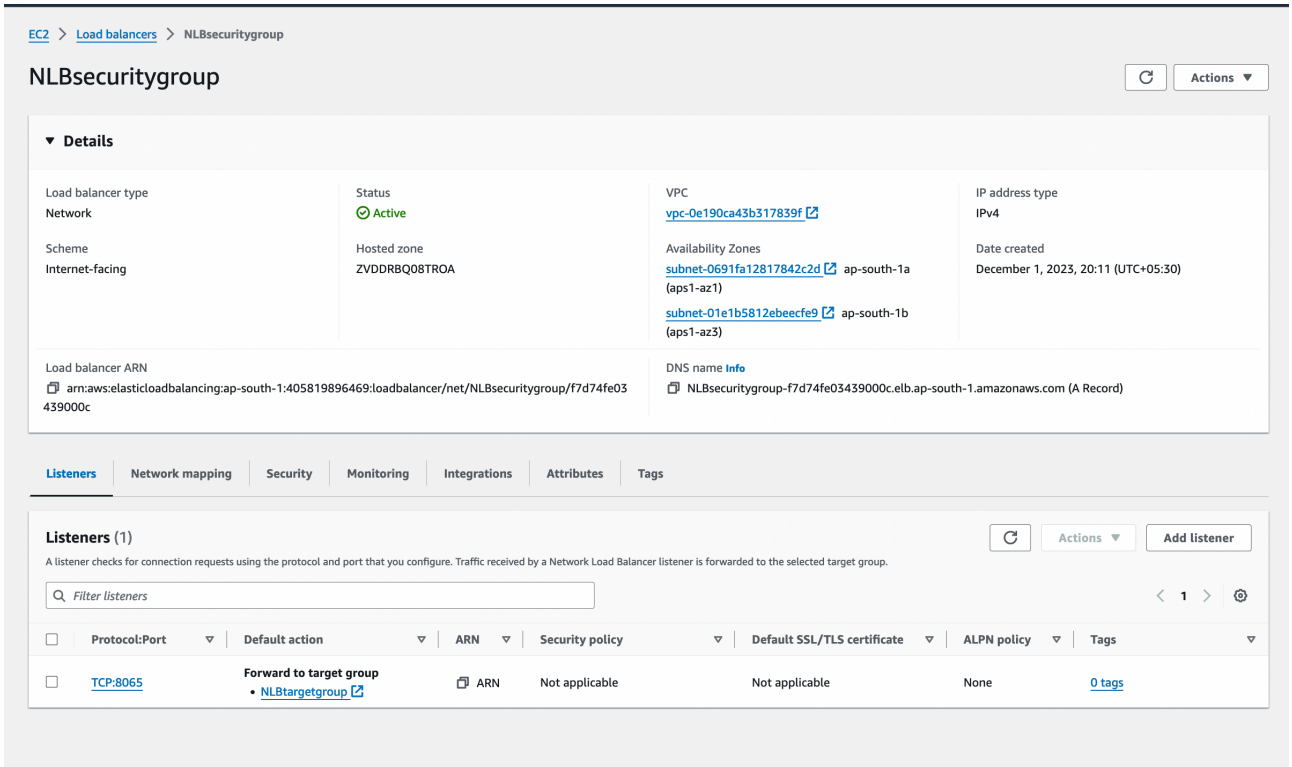


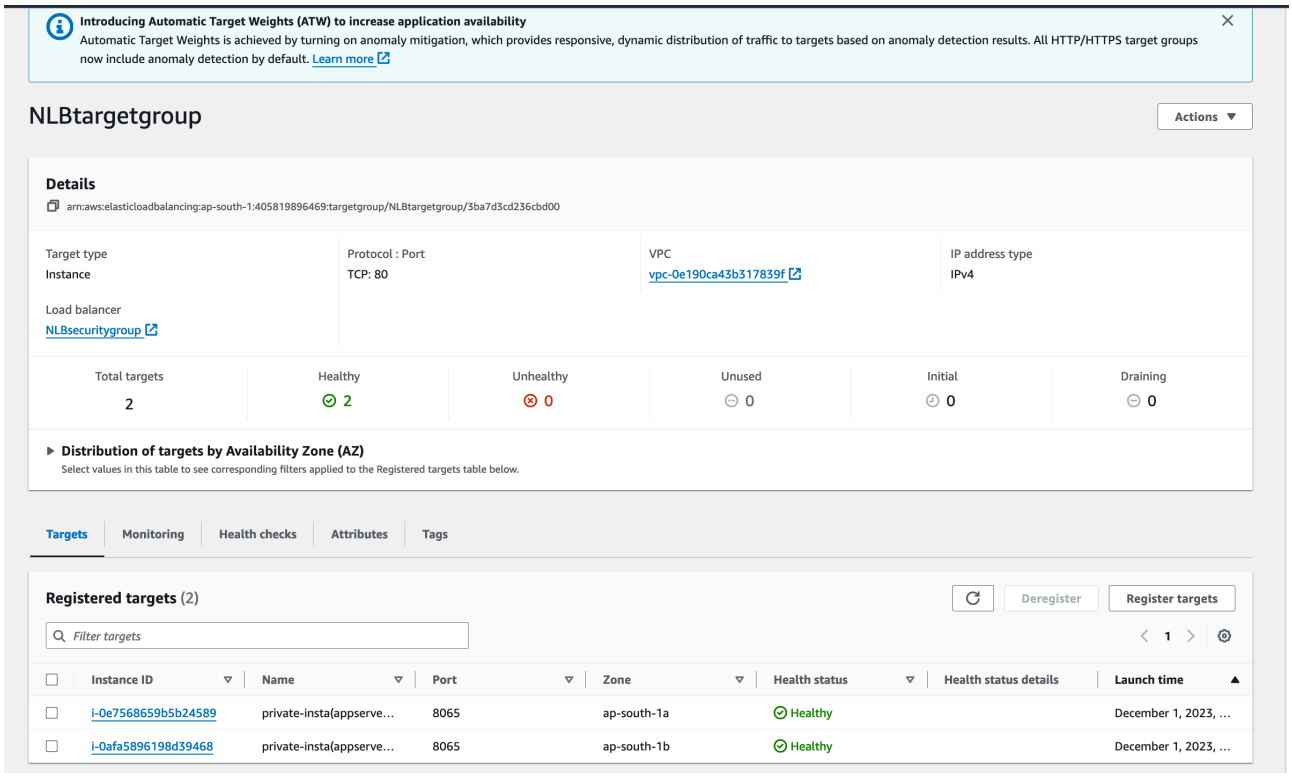
10. Map the Target group in the Load balancer configuration



11. Click on Create Load Balancer and it should now be created successfully

12. Navigate to target group and you can see the the details of the targets

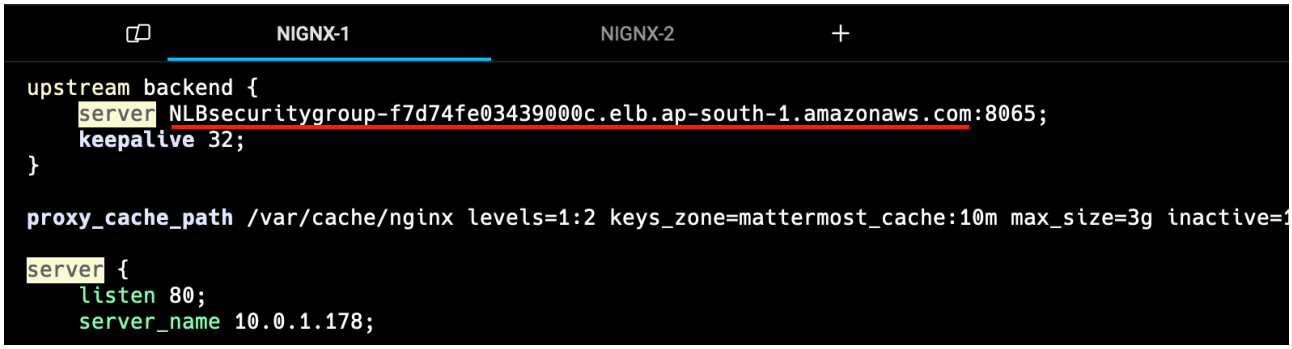




13.0pen your web server Instance , navigate to /etc/nginx/conf.d/mattermost.

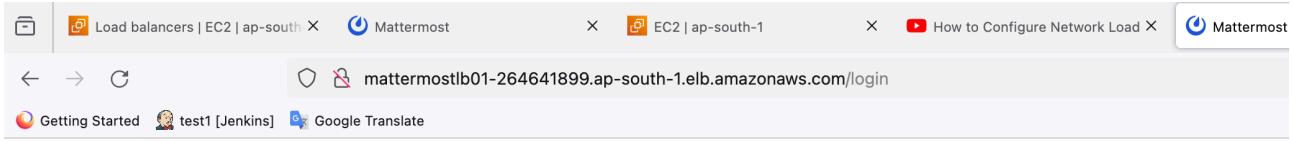
Provide the DNS of your Network Load Balancer

For both machine I have done



14. Now try to access your mattermost using the DNS of Application Load balancer

15. Now check the load balancing works by stopping the service / instance and also make a check on the Target health



After launching DNS

Mattermost

All team communication in one place, searchable and accessible anywhere

Email or Username

Password

Sign in

I forgot my password.