Lesson 03 Demo 09

Creating a Network Load Balancer

Objective: To create a Network Load Balancer (NLB) in the Amazon Web Services (AWS) environment

Tools required: Amazon workspace

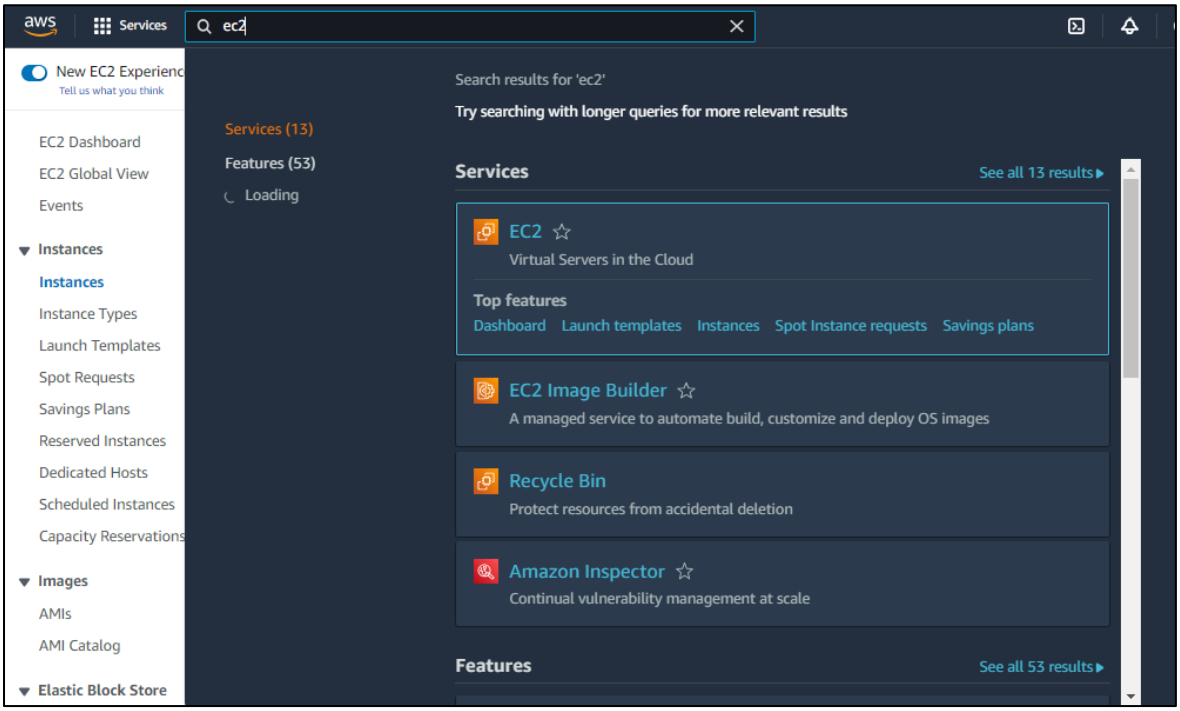
Prerequisites: Amazon account

Steps to be followed:

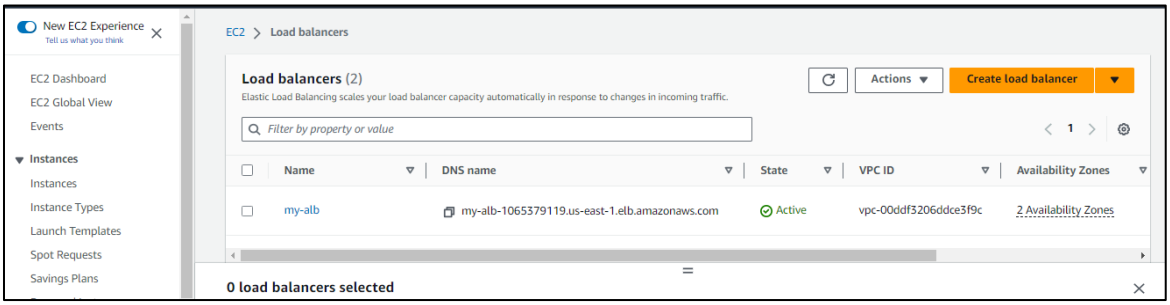
1. Set up the Network Load Balancer

Step 1: Set up the Network Load Balancer

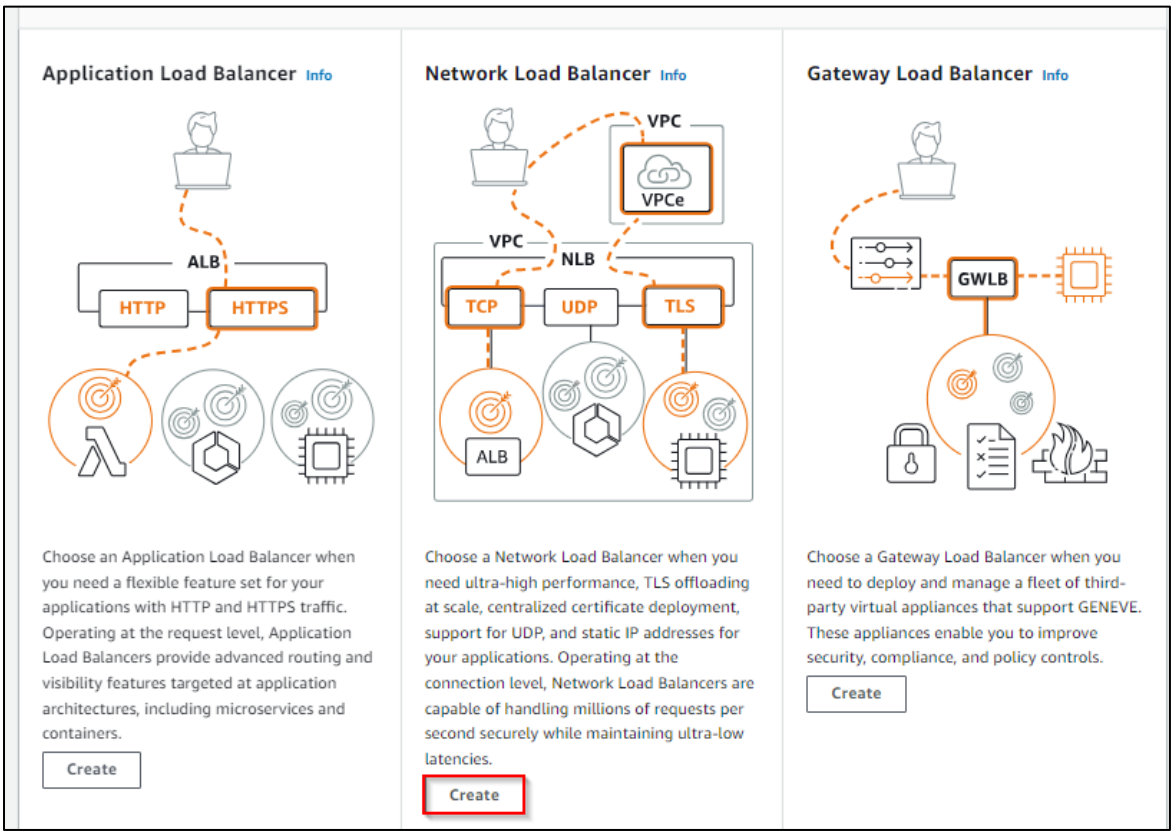
1.1 Navigate to the AWS Home screen and search for **EC2**



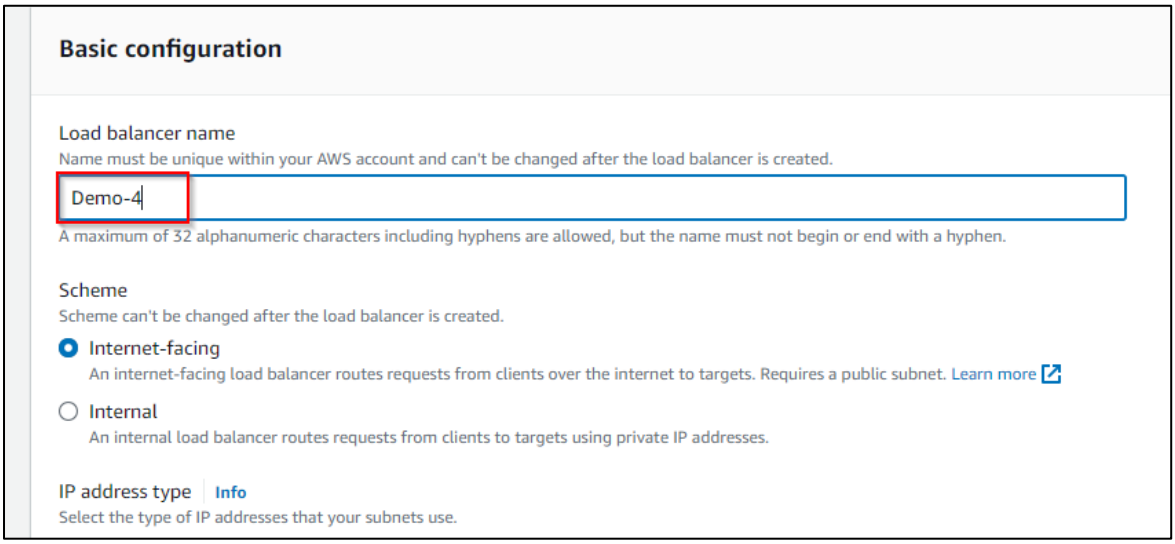
1.2 Click on **Load Balancers** > **Create load balancer**



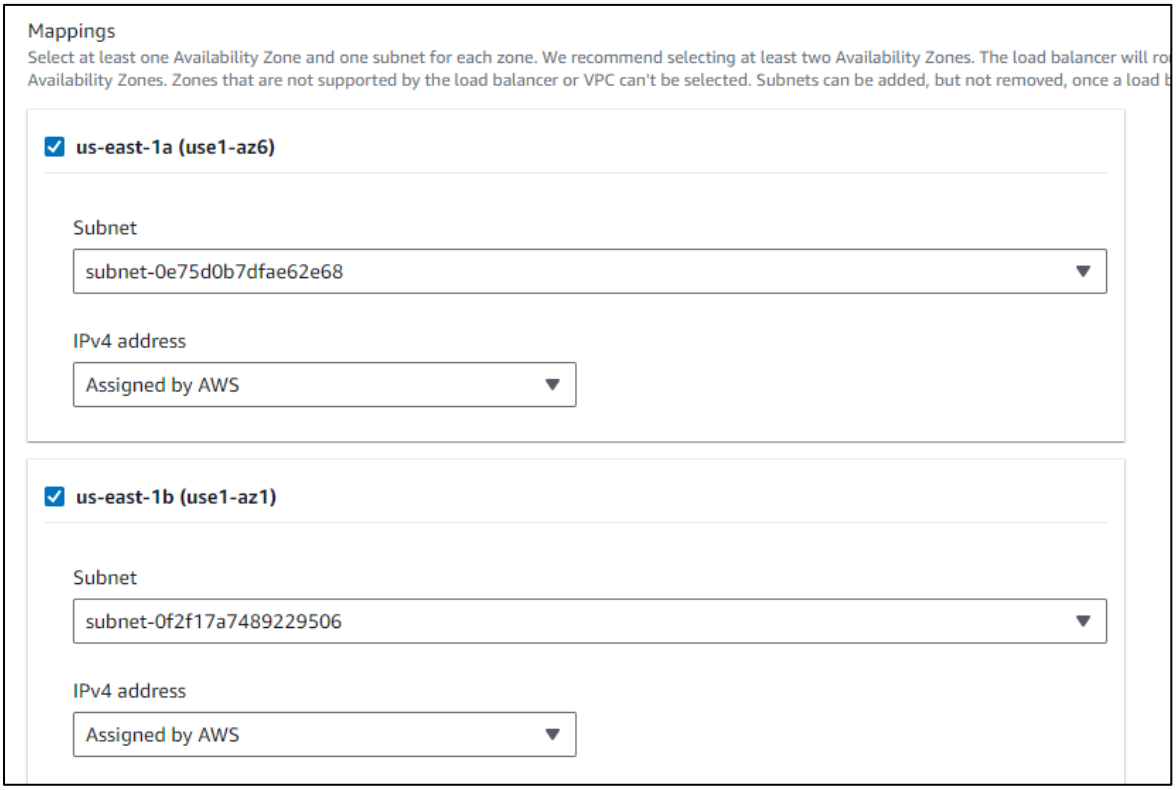
1.3 Click **Create** on the Network Load Balancer



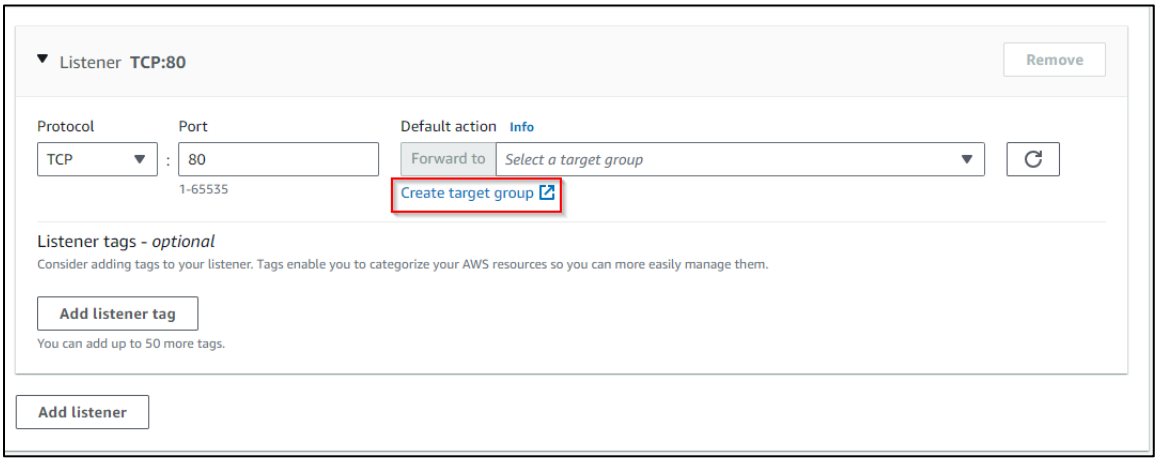
1.4 Enter the Load balancer name as **Demo-4**



1.5 Select the Mappings, **us-east-1a** and **us-east-1b**

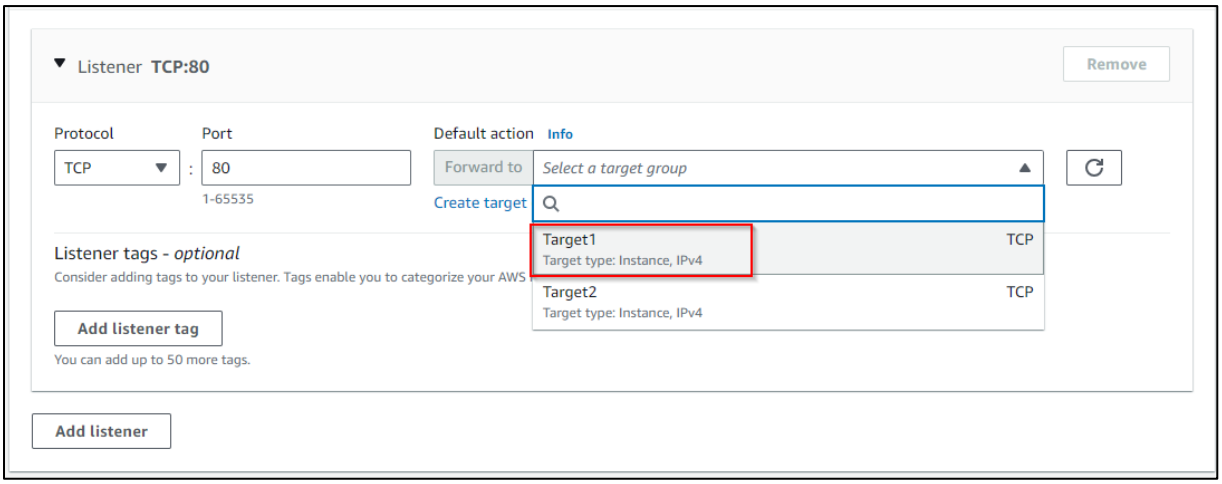


1.6 Click on **Create target group**

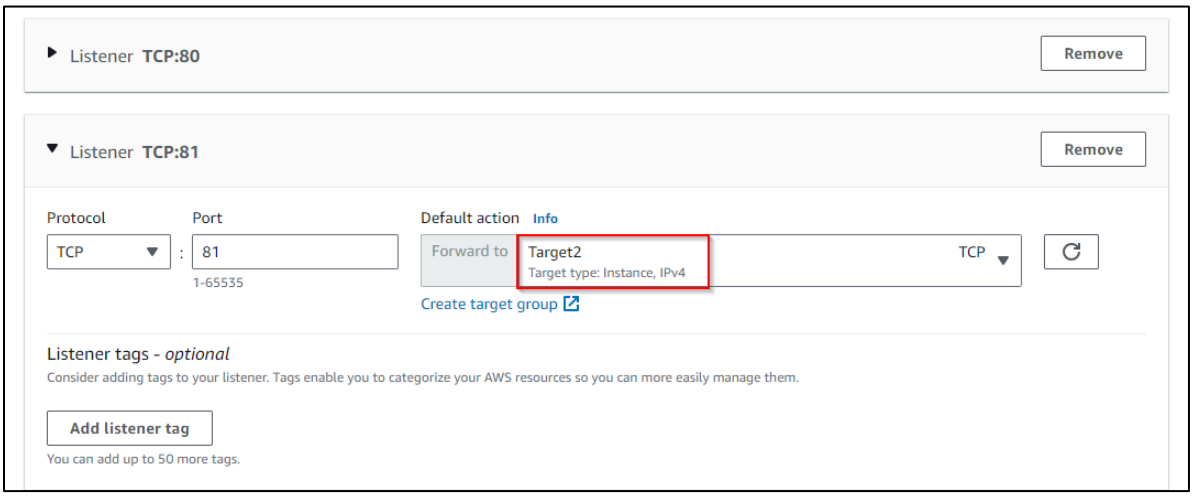


On the **Listener and routing**, add more than one listener, and select the **target name;** refer to the previous demos to learn how to create target groups.

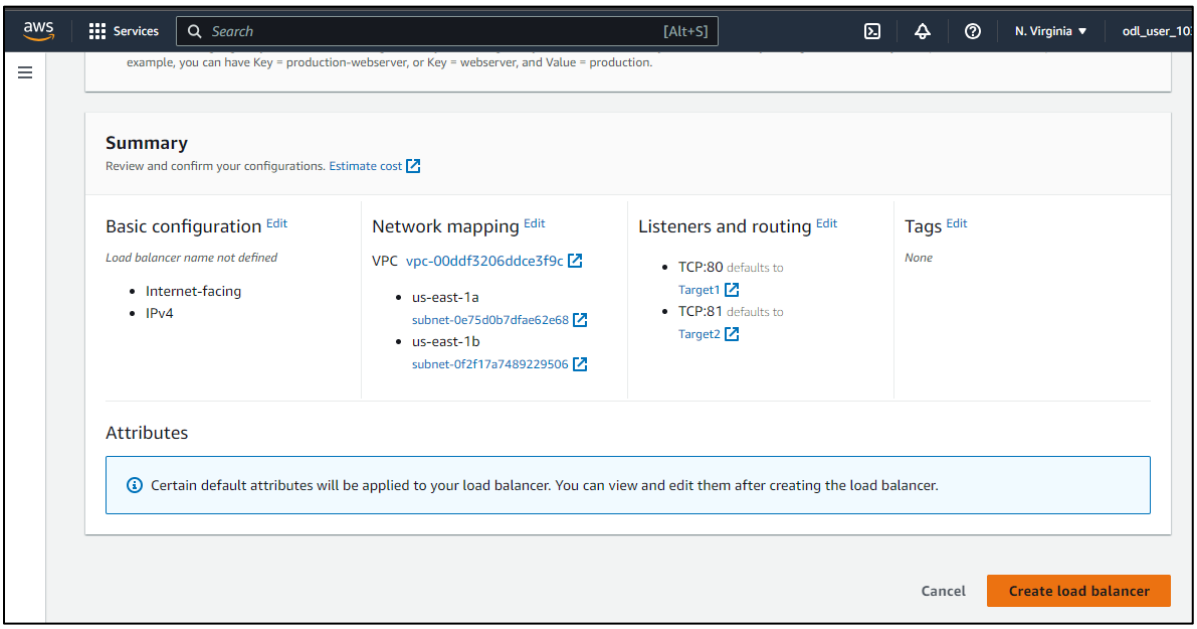
1.7 Select **Target1** for Default action

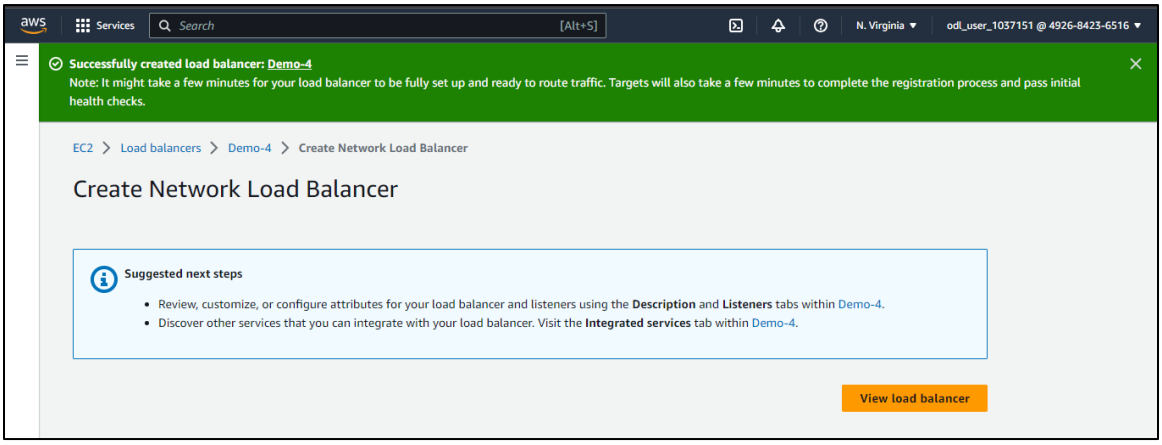


1.8 Add another **Target2** for Default action

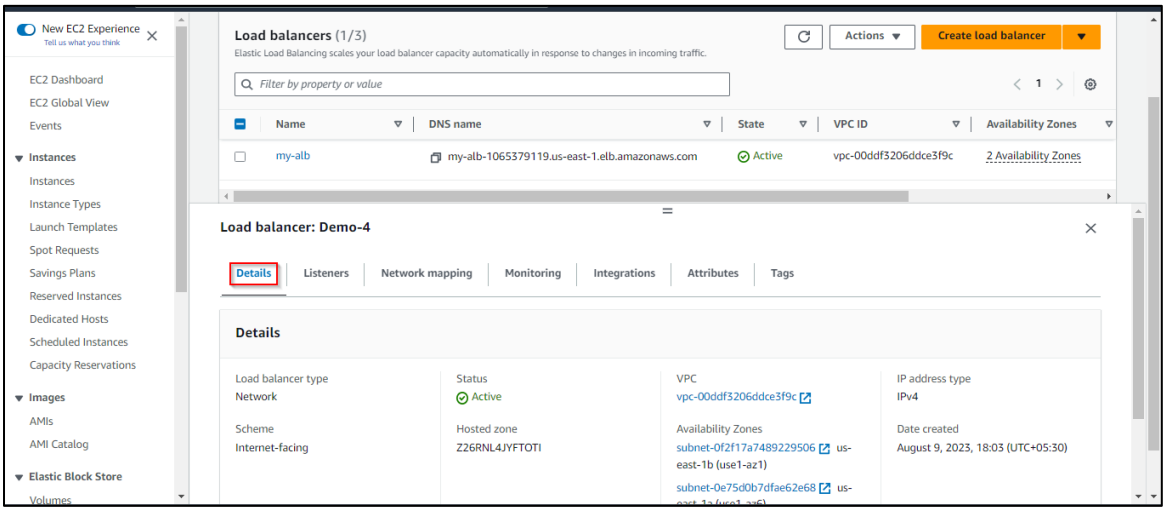


1.9 Click on **Create load balancer**





The load balancer Demo-4 is successfully created.



After creating the load balancer, click on Details to access the VPC and DNS name.

By following these steps, you will be able to successfully create a Network Load Balancer to distribute traffic across the specified availability zones using multiple listeners and target groups.