Assignment3 :: Configure Application Load balancer with two EC2 instances

Step 1: Created three instances and created a page which will display the IP address

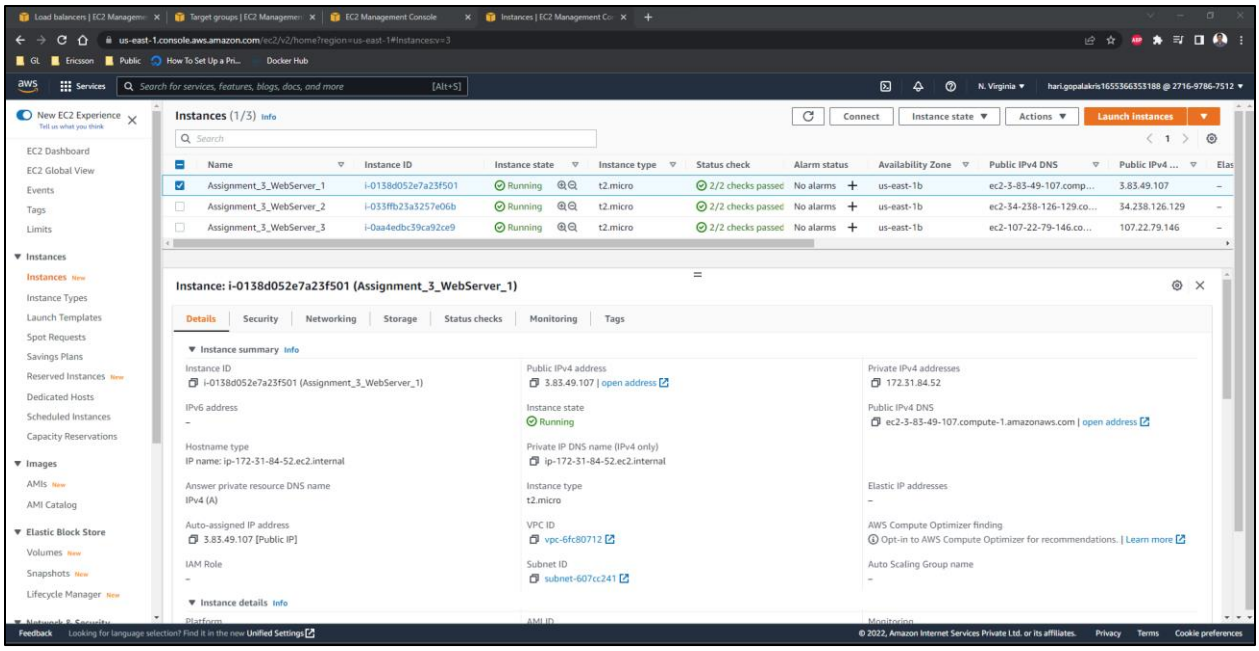
yum update -y

yum install -y httpd

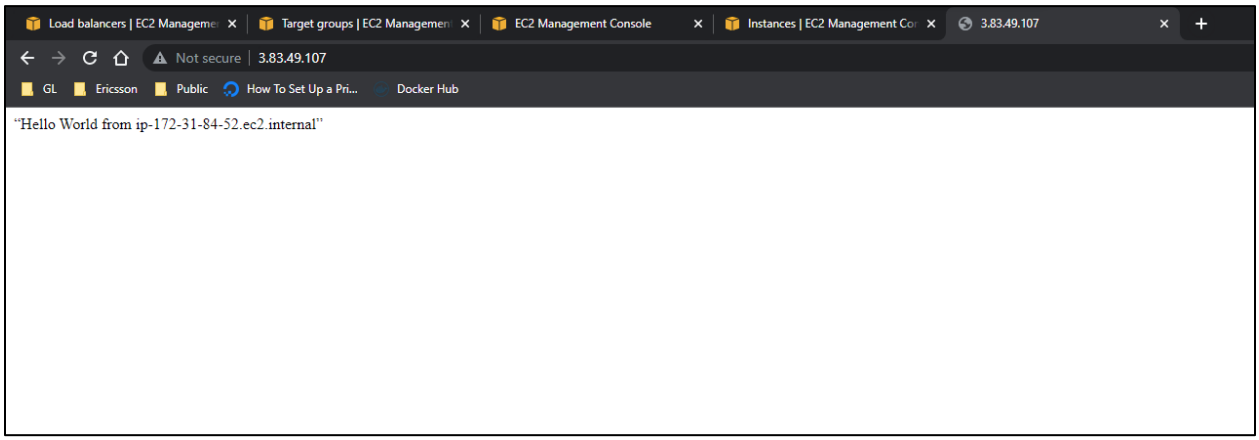
systemctl enable --now httpd

echo “Hello World from $(hostname -f)” > /var/www/html/index.html

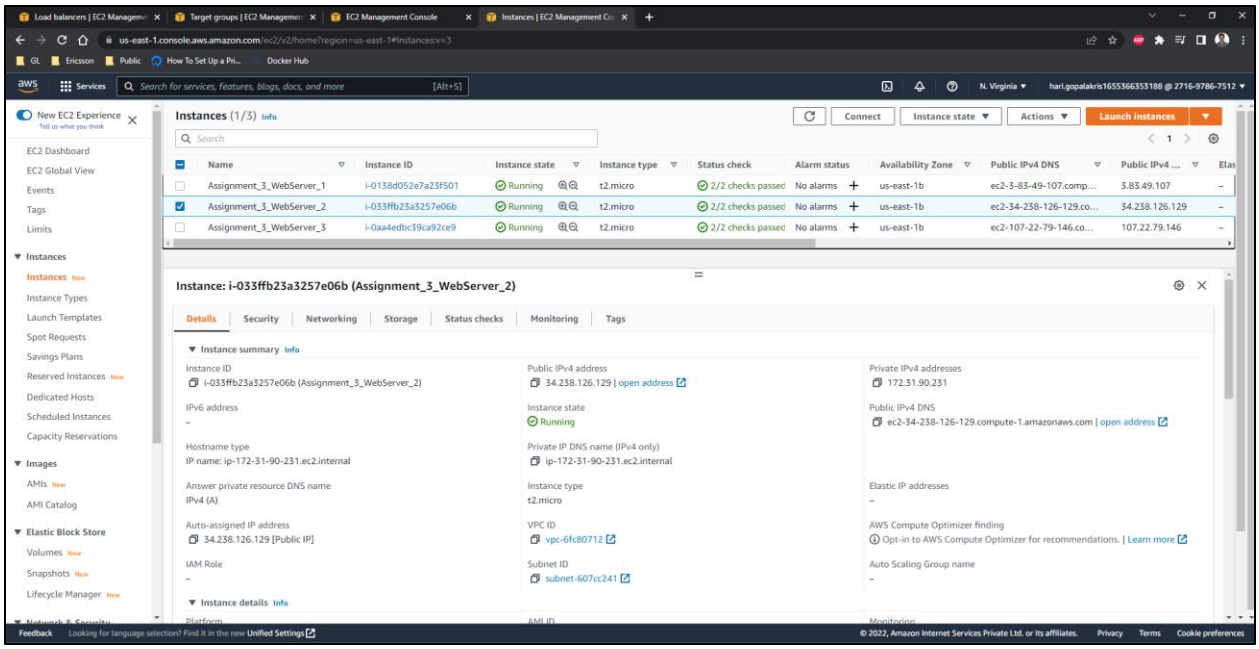
Instance 1 :: Assignment_3_WebServer_1



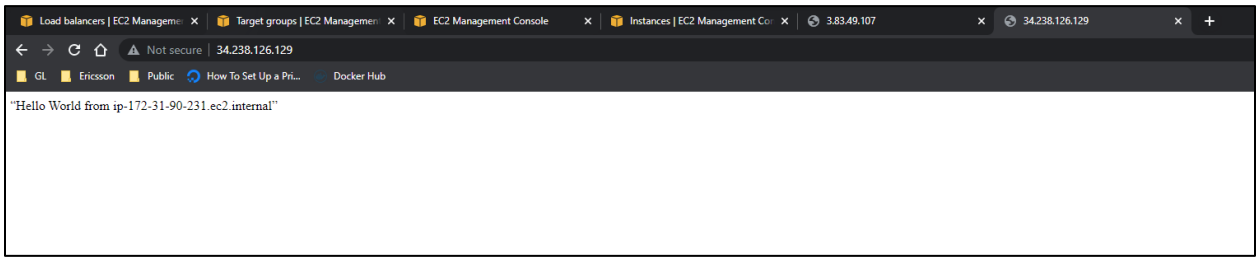
Instance 1 Webpage



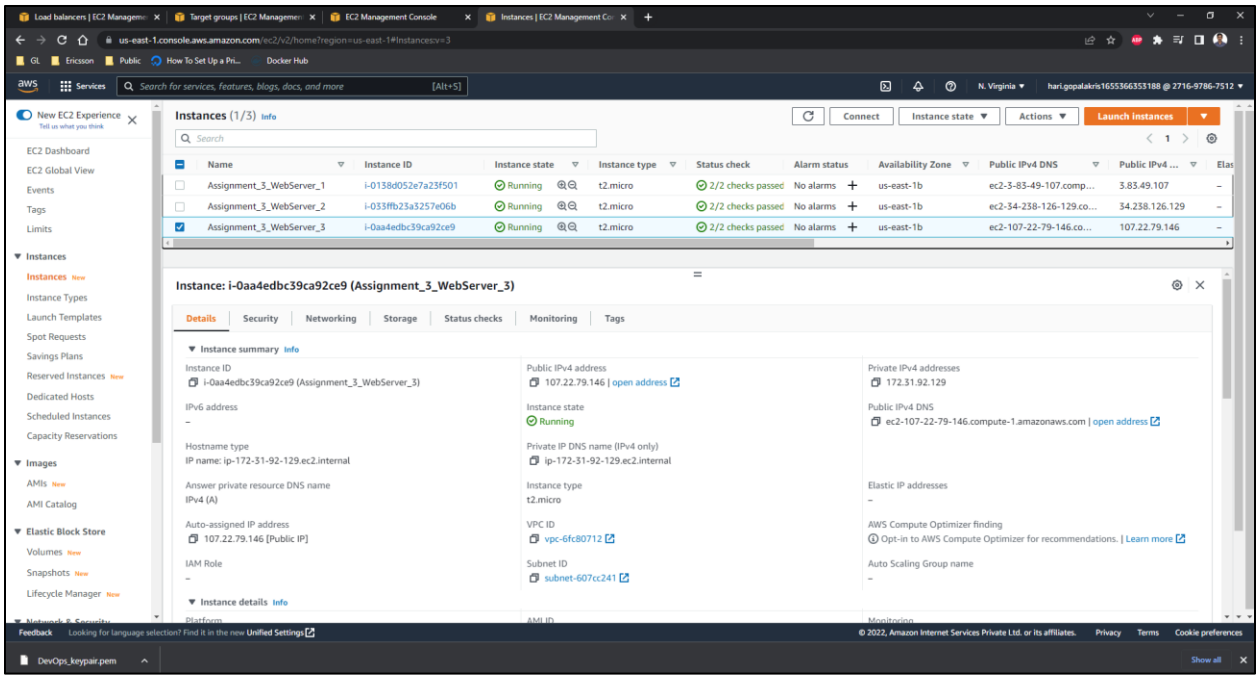
Instance 2 :: Assignment_3_WebServer_2



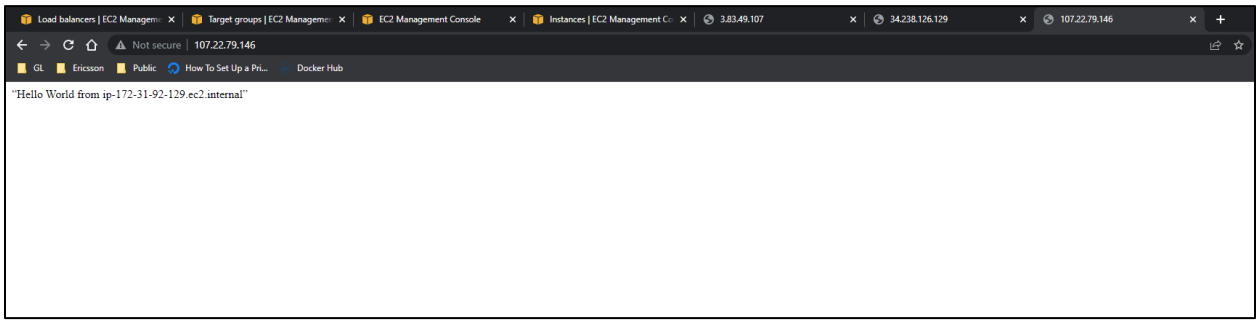
Instance 2 Webpage



Instance 3 :: Assignment_3_WebServer_3

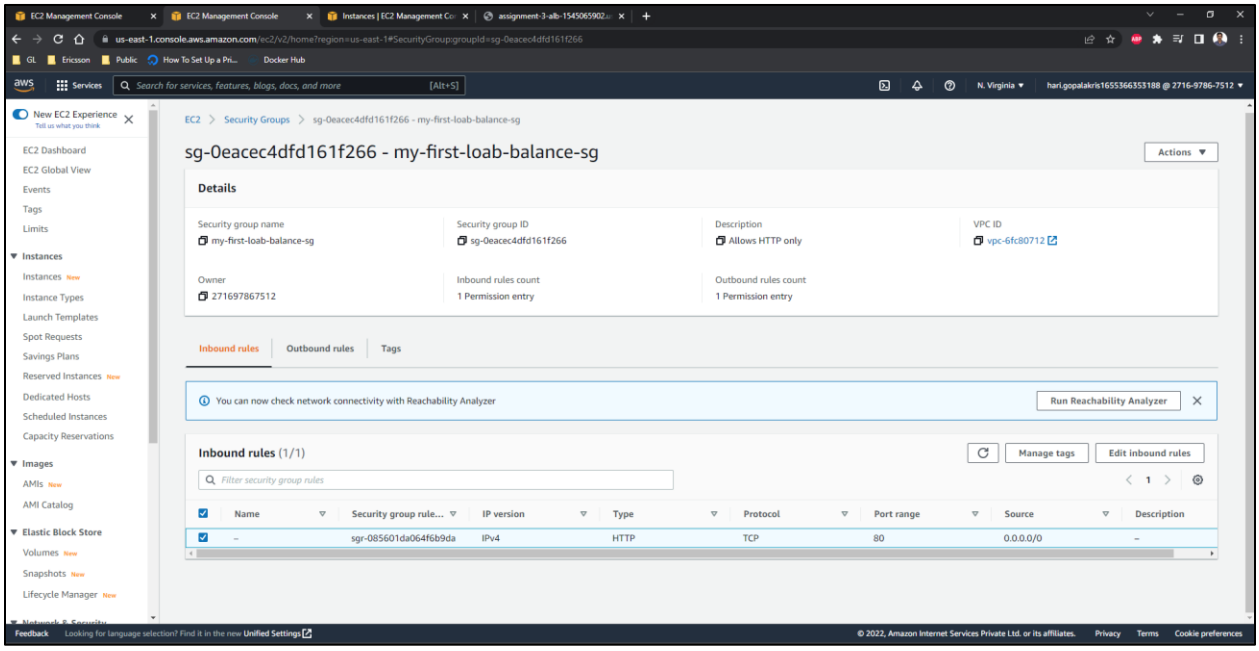


Instance 3 Webpage

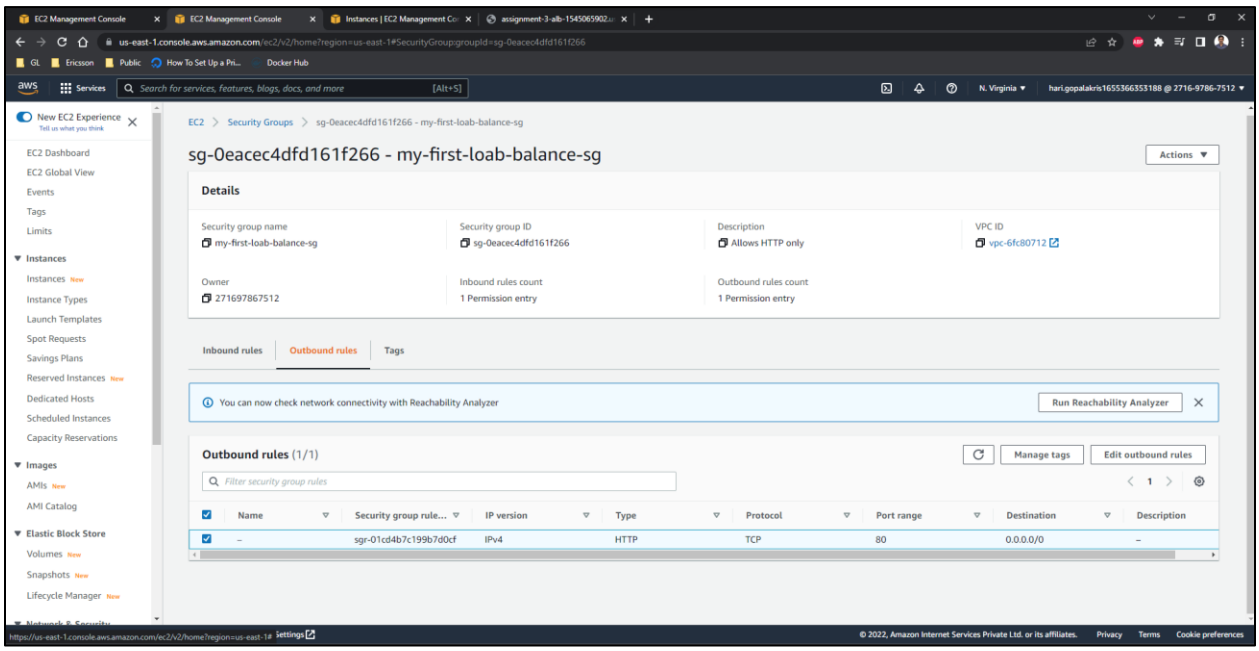


Step 2 : Application Load Balancer ::

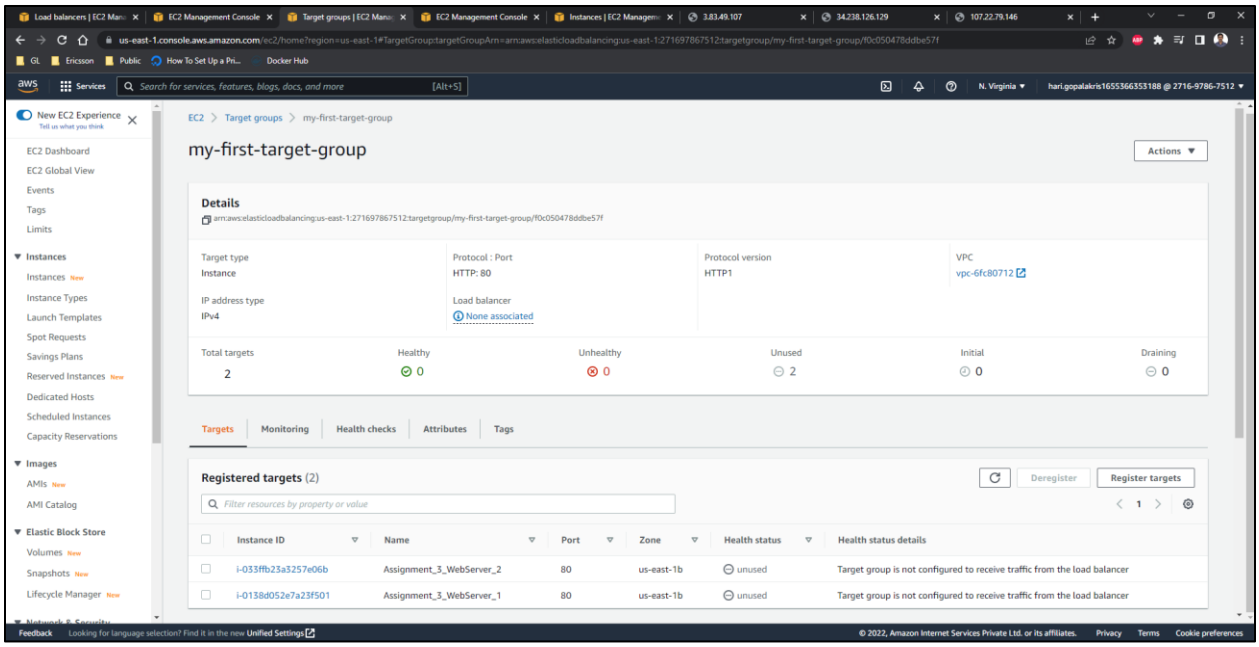
Step 2.1 : Load Balancer Security Group :: Inbound Rules



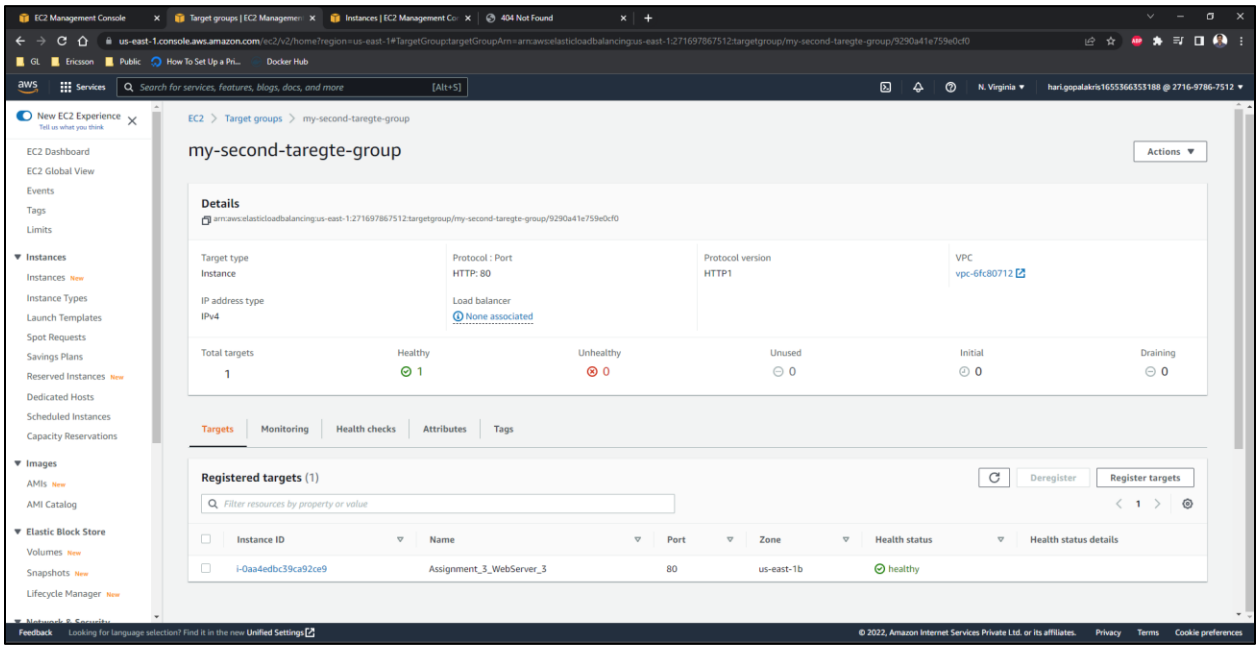
Load Balancer Security Group :: Outbound Rules



Step 2.2 : Load Balancer Target Group 1 ::

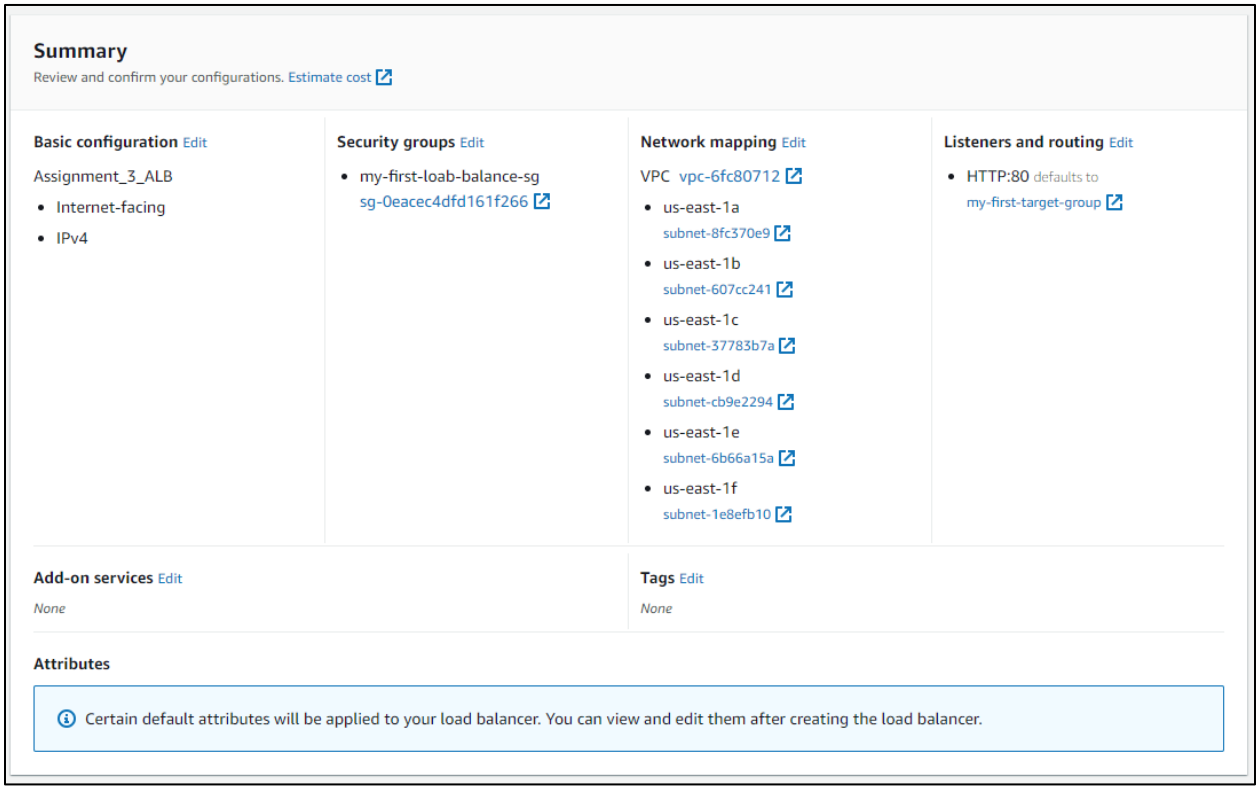


Load Balancer Target Group 2 ::



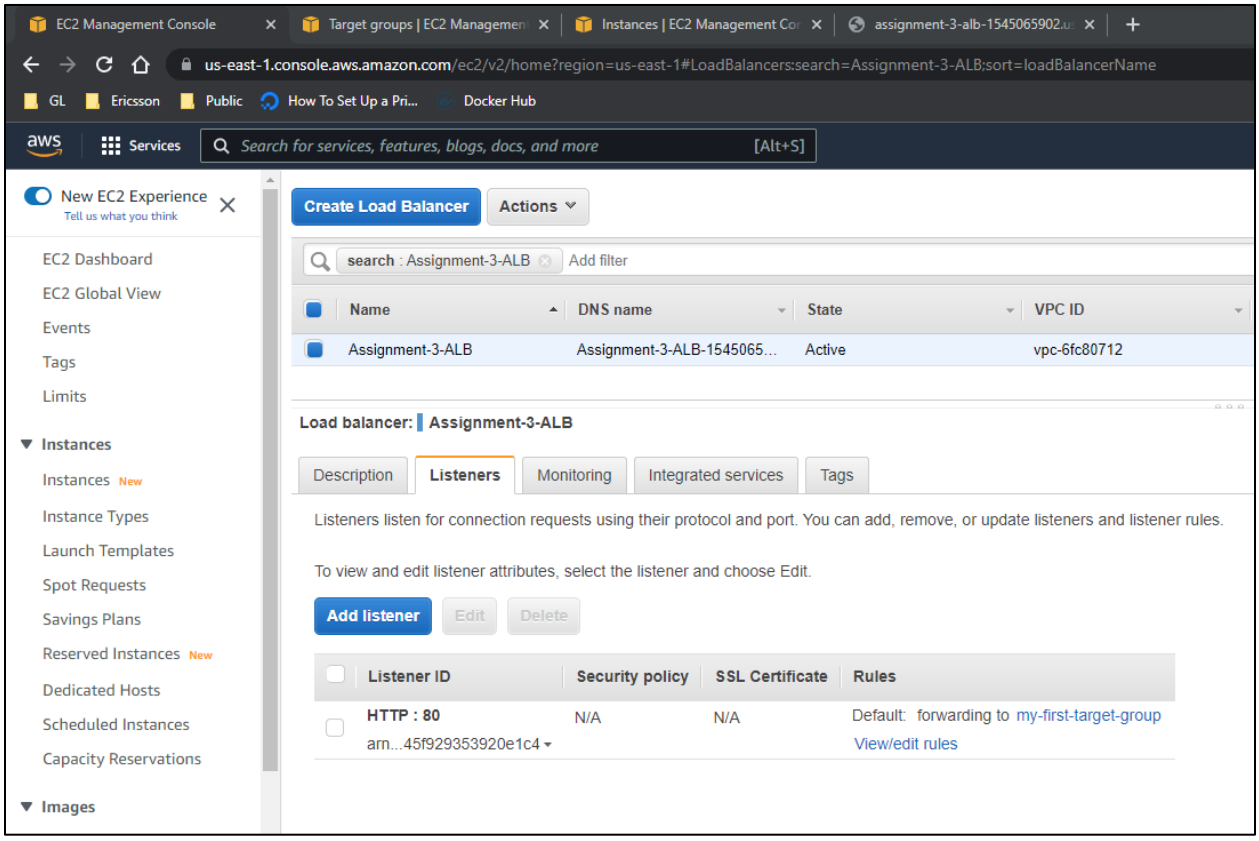
Step 2.3 : Creating an Application Load Balancer ::

Note: I have attached only TargetGroup1

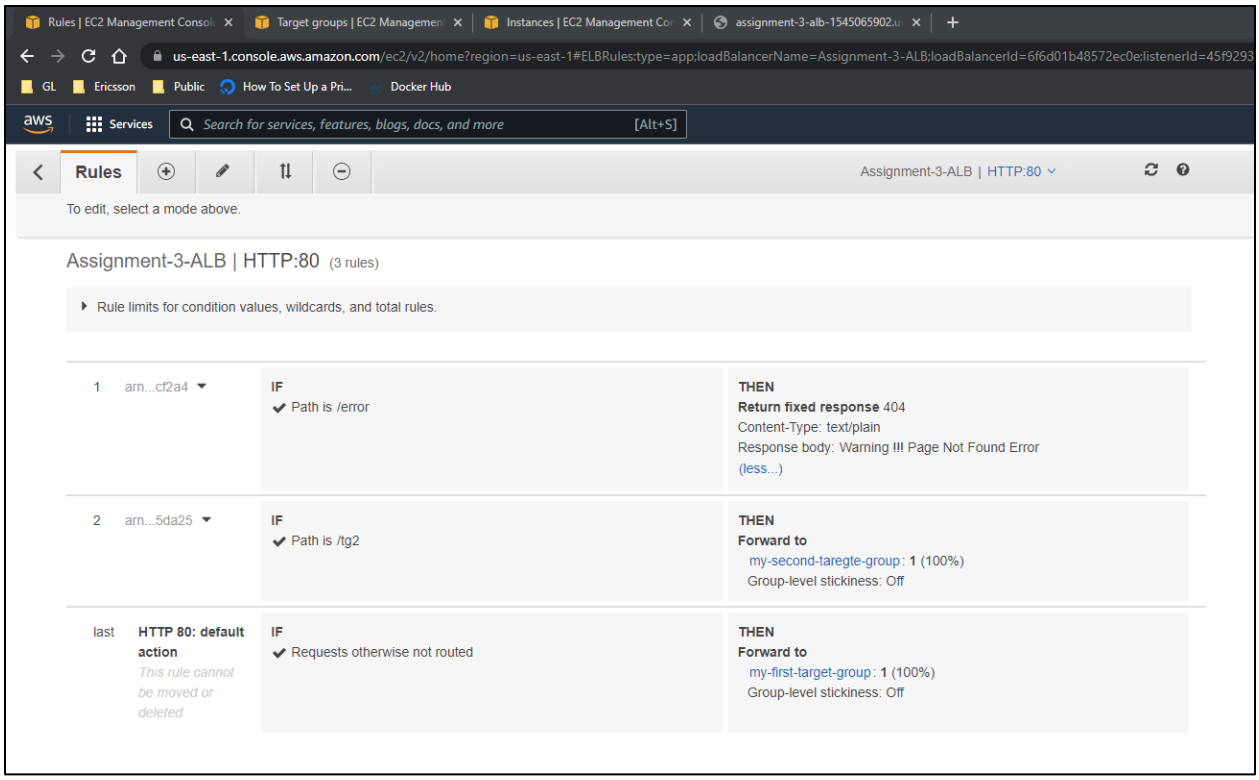


Step 2.4: Attaching the second target group to Listener

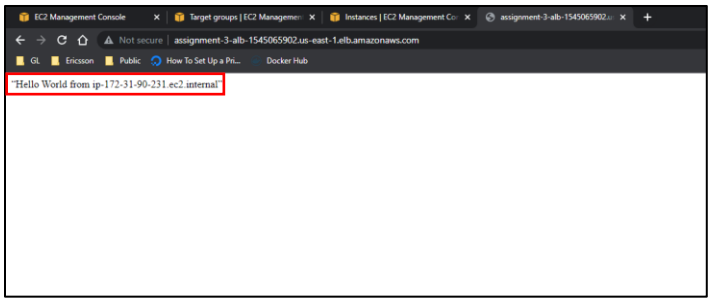
Goto Load Balancer page and select the Listeners tab -> Edit the existing listener



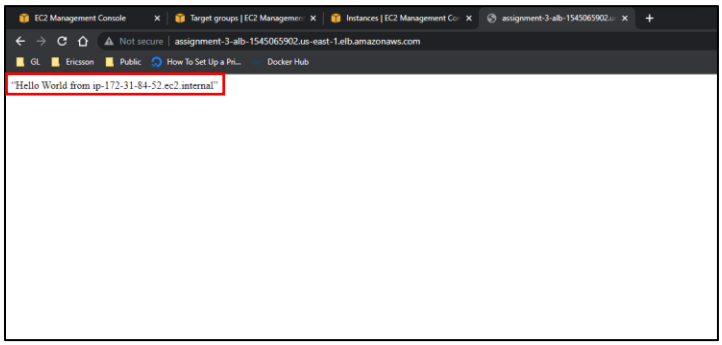
Add new rules as below



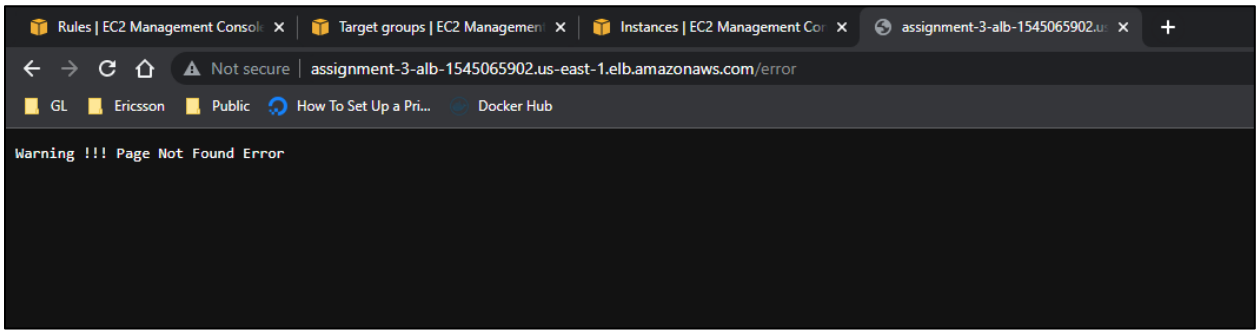
Result 1:



Result 2:



Result 3:



Result 4: