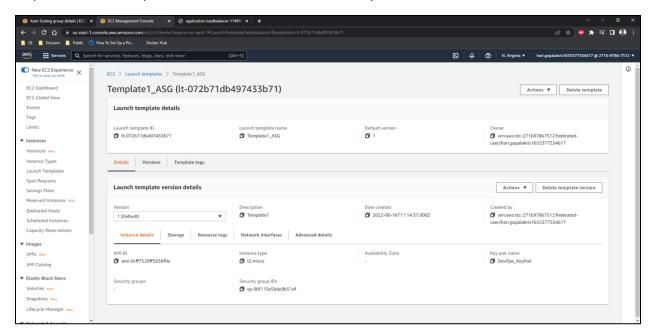
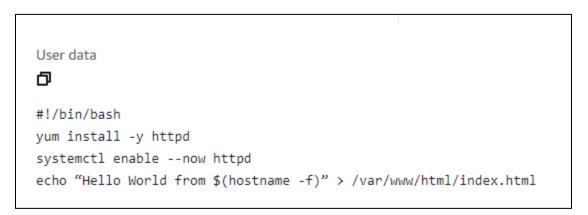
## Assignment 4:: Configure Autoscaling with 60% threshold CPU utilization metrics

Step 1:: Create a template to launch instances automatically



Note: I have added a bash script to create an instance with pre-installed http and print its fqdn. (Need to add in "Advance Details" Tab)

#!/bin/bash
yum install -y httpd
systemctl enable --now httpd
echo "Hello World from \$(hostname -f)" > /var/www/html/index.html



Step 2 :: Select the VPC and Subnets required



Step 3 :: Attach the existing Load Balancer or create a new Load Balancer and attach the same here. I have attached the existing one.



Step 4:: Set the desired Group Size. I have set

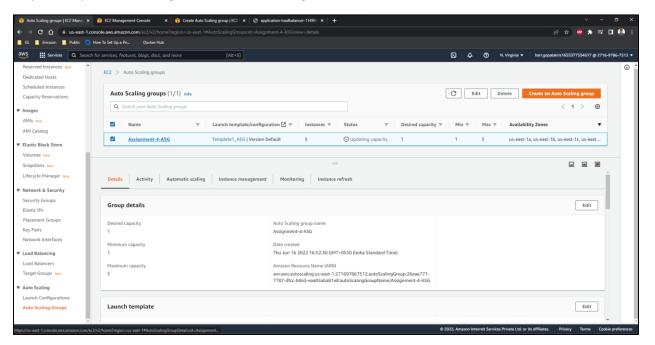
Desired Capacity - 1

Minimum Capacity - 1

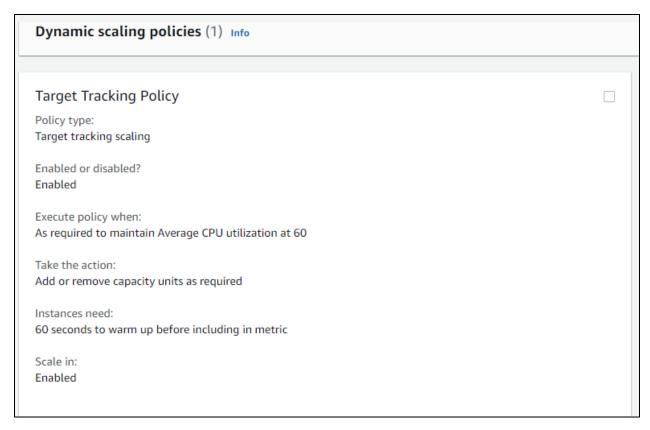
Maximum Capacity - 5



Step 5:: Skip the remaining and submit. We will get the ASG as below

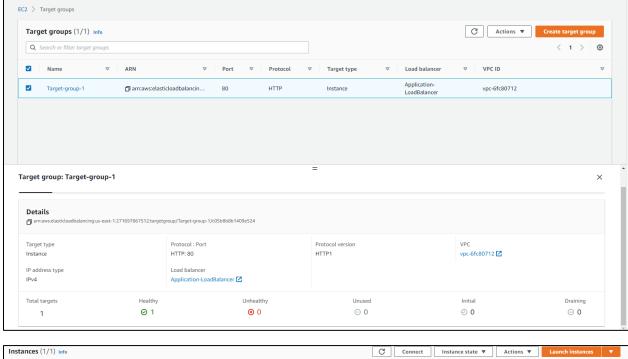


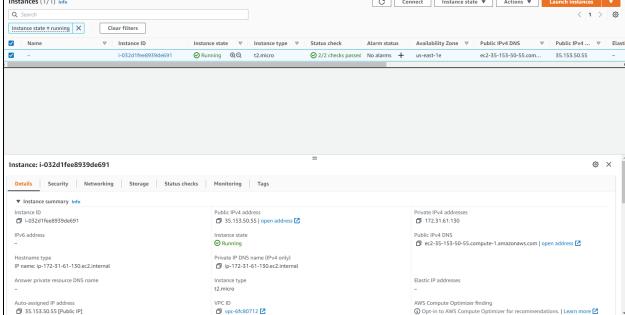
Step 6:: Click on the Automatic Scaling tab and create policies as below





## Result:





Increasing the CPU Utilization

# yes > /dev/null &  $\rightarrow$  Run in terminal to increase the CPU utilization

It automatically created a new instance and added to Target Group as well

