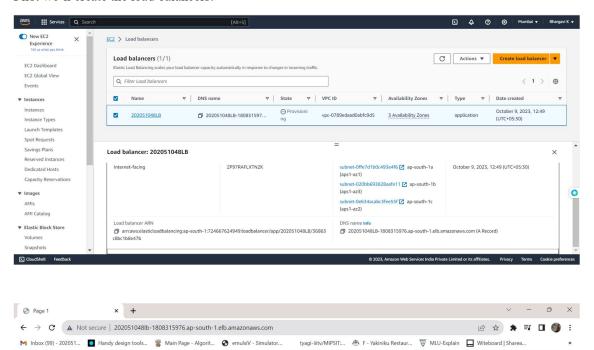
Name: Bhargavi Kamble

Student ID: 202051048

Assessment 5: Autoscaling and Elastic Load Balancing

First we'll create the load balancers:



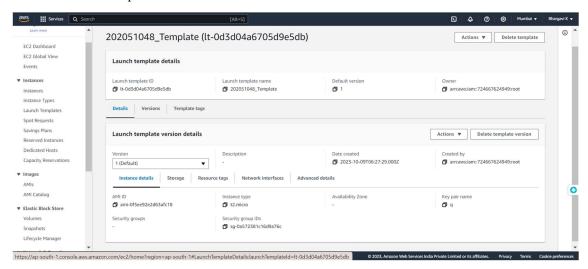
Hi this is Bhargavi 202051048. Page1



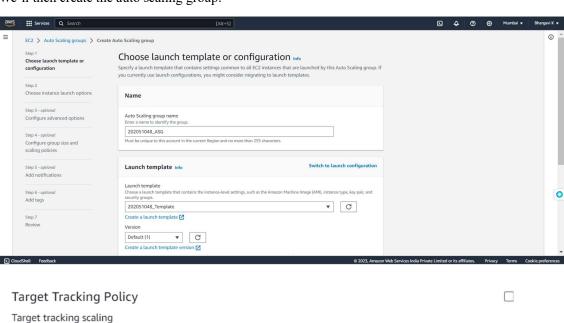
This is page 2

The created load balancer is working fine.

We then create a template which we can use:



We'll then create the auto scaling group:



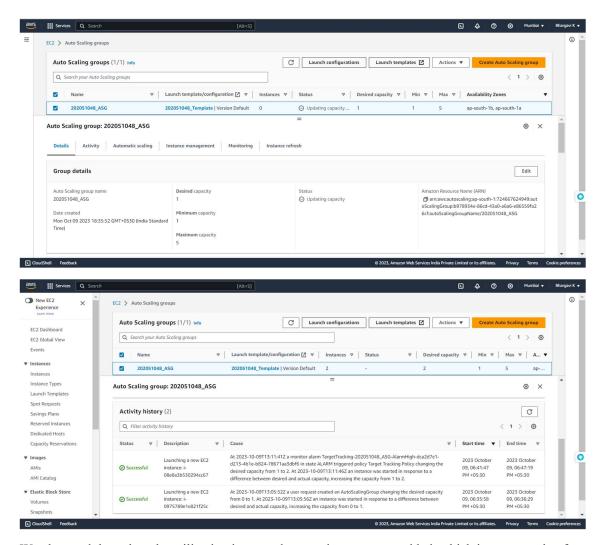
Enabled

As required to maintain Average CPU utilization at 2

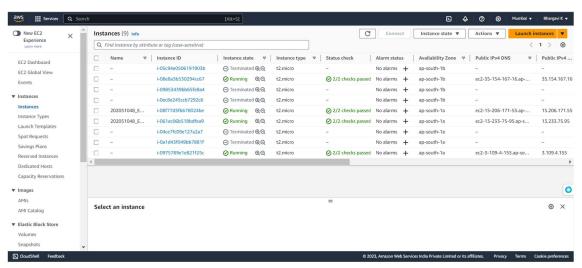
Add or remove capacity units as required

300 seconds to warm up before including in metric

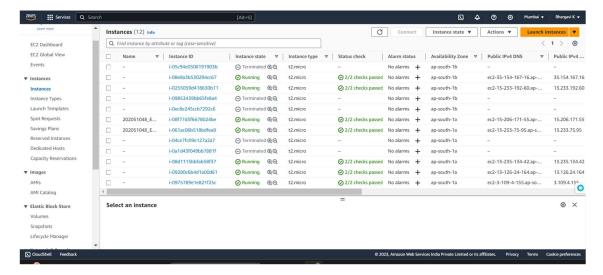
Enabled



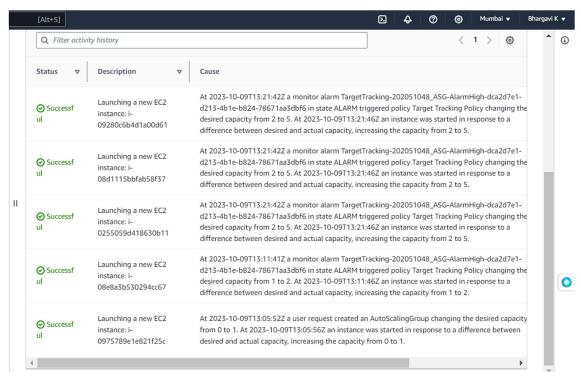
We observed that when the utilization increased, a new instance was added, which is an example of scaling out.

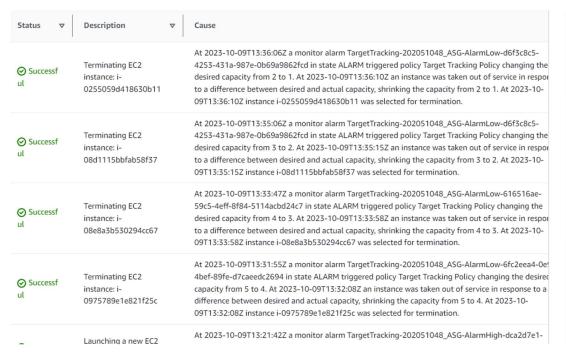


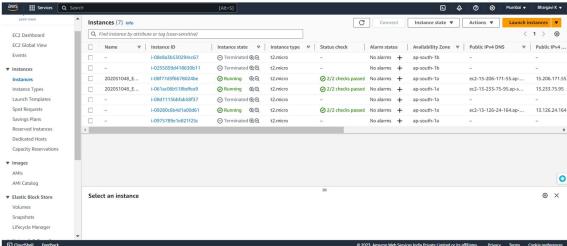
Two new instances.



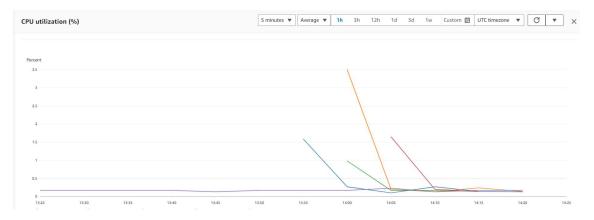
Here we can observe that once the instances has reached the max capacity of 5.







Once the load was reduced, the instances were terminated automatically. This is an example of scaling in.



For demonstration purposes the target scaling utilization was kept 0.5% so that the results can be seen.