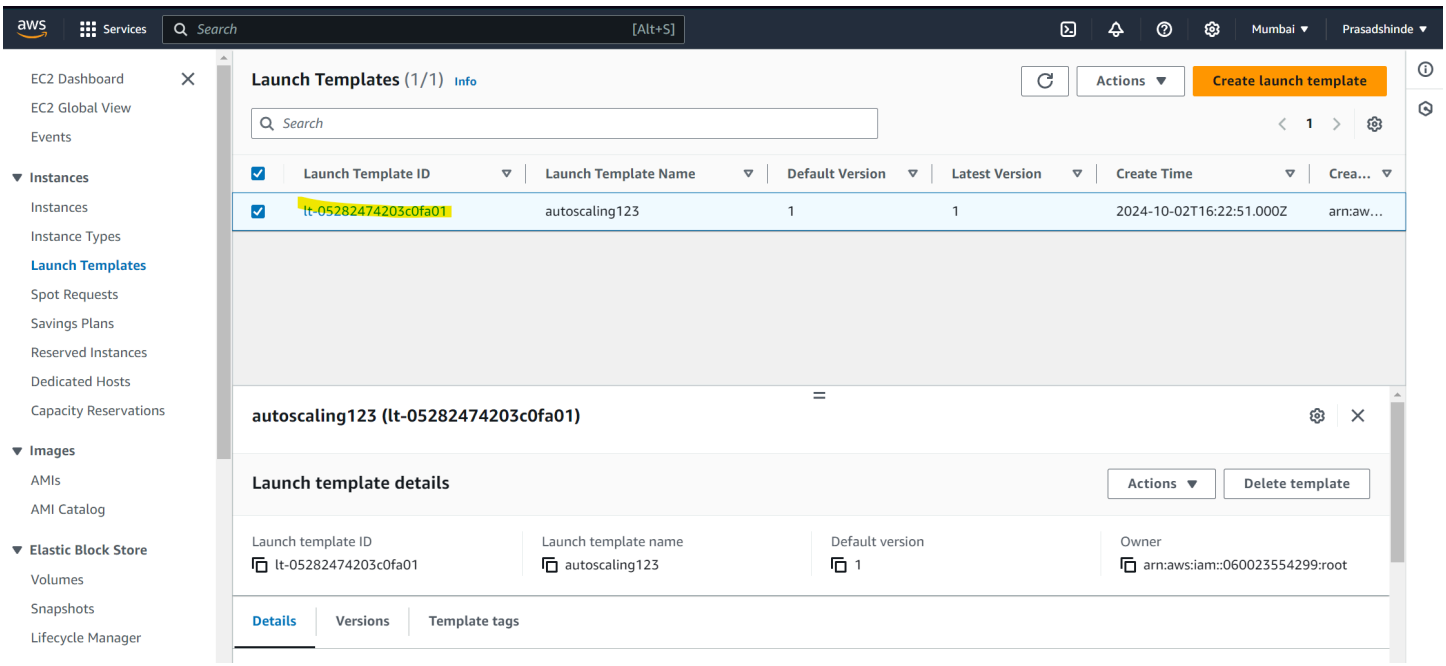
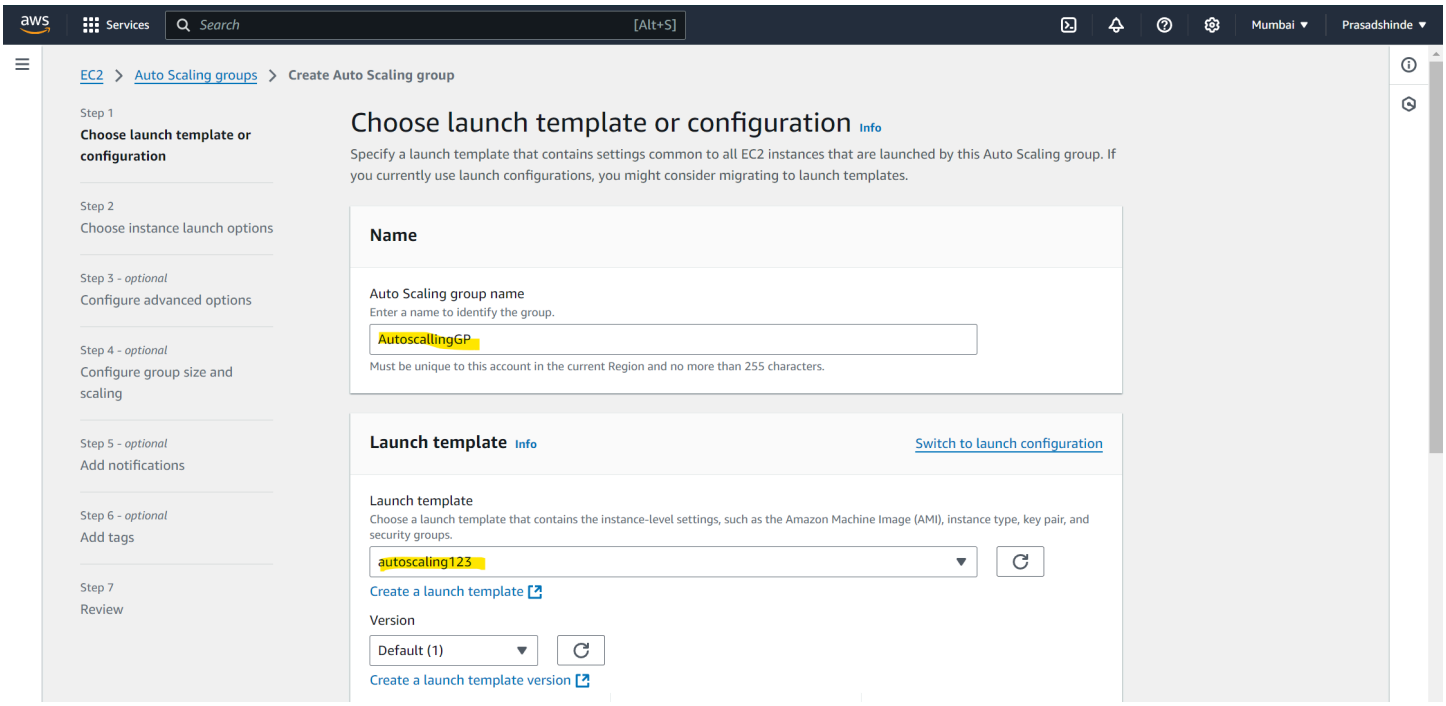
Autoscaling Practical 10th sept

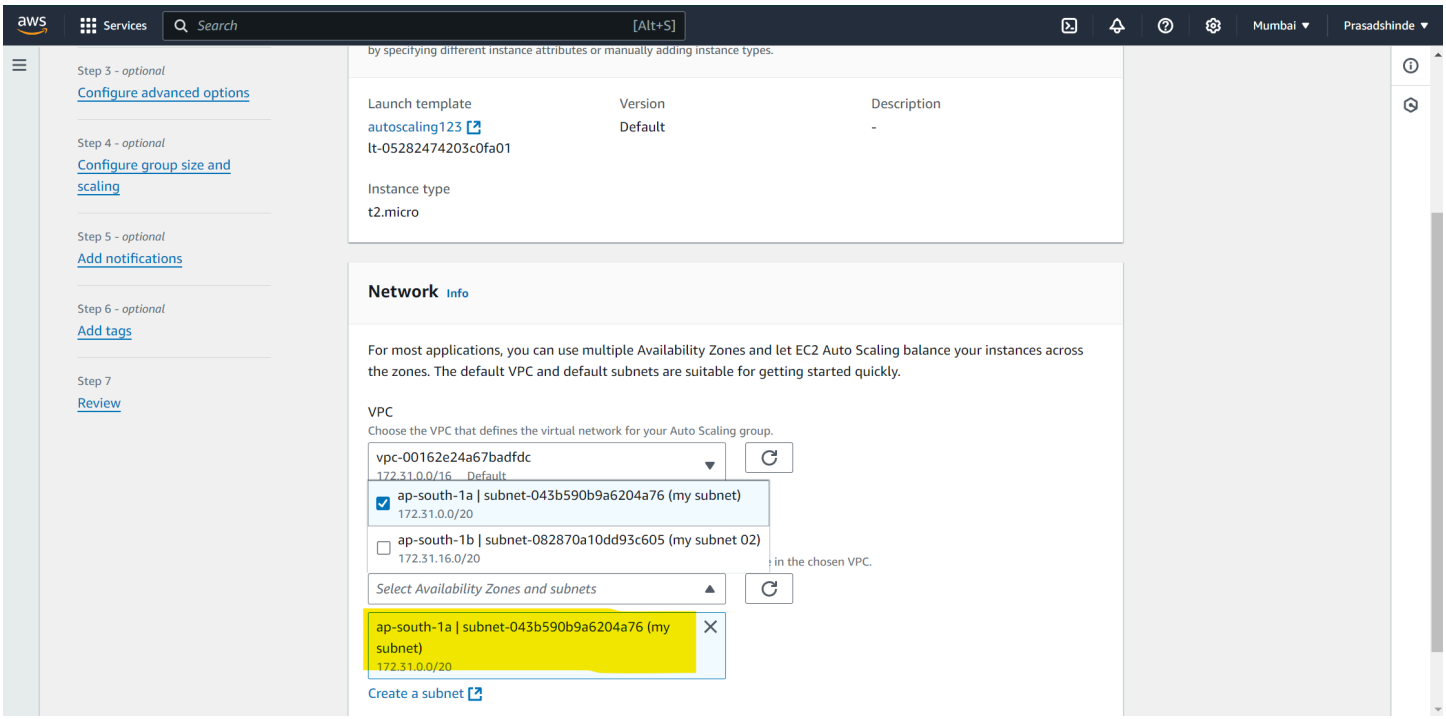
1] create a launch template



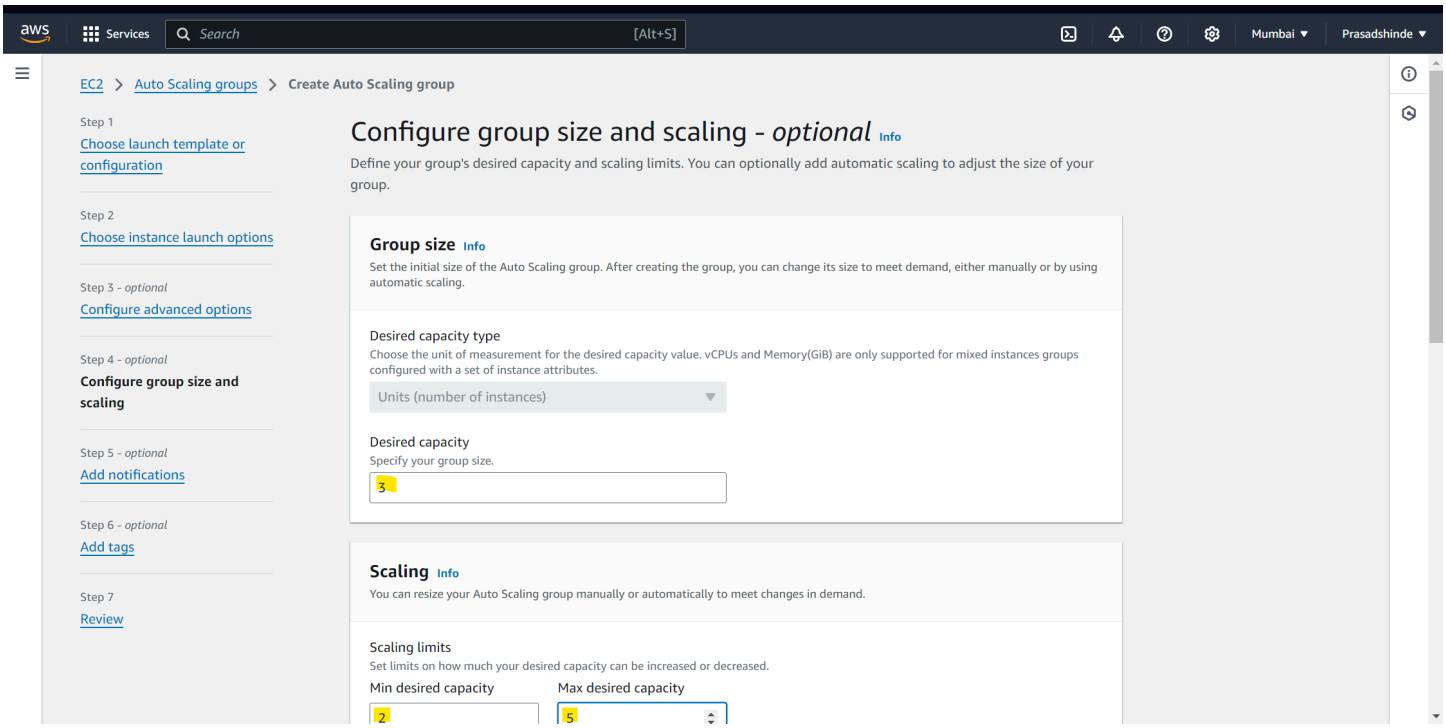
2] Provide group name and select template which is created



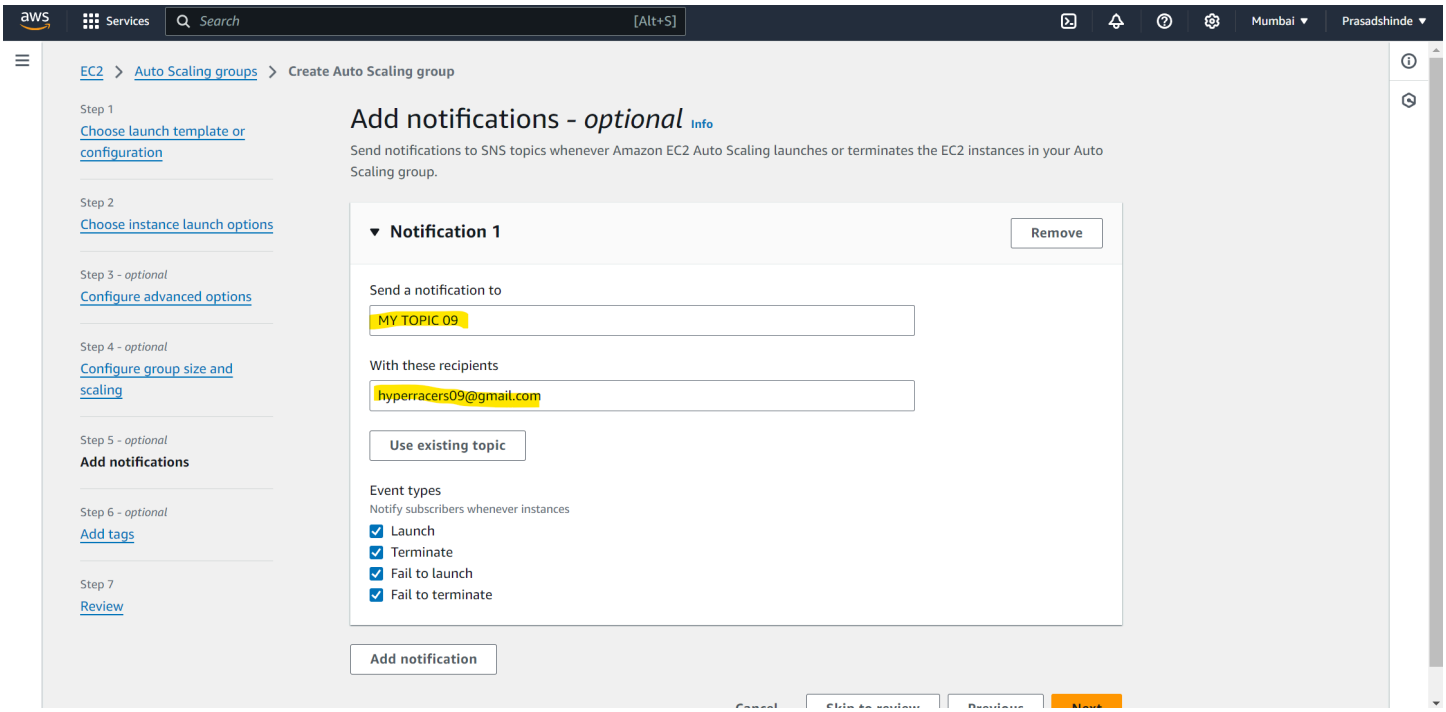
3] Select Availability Zone which you want to create instance



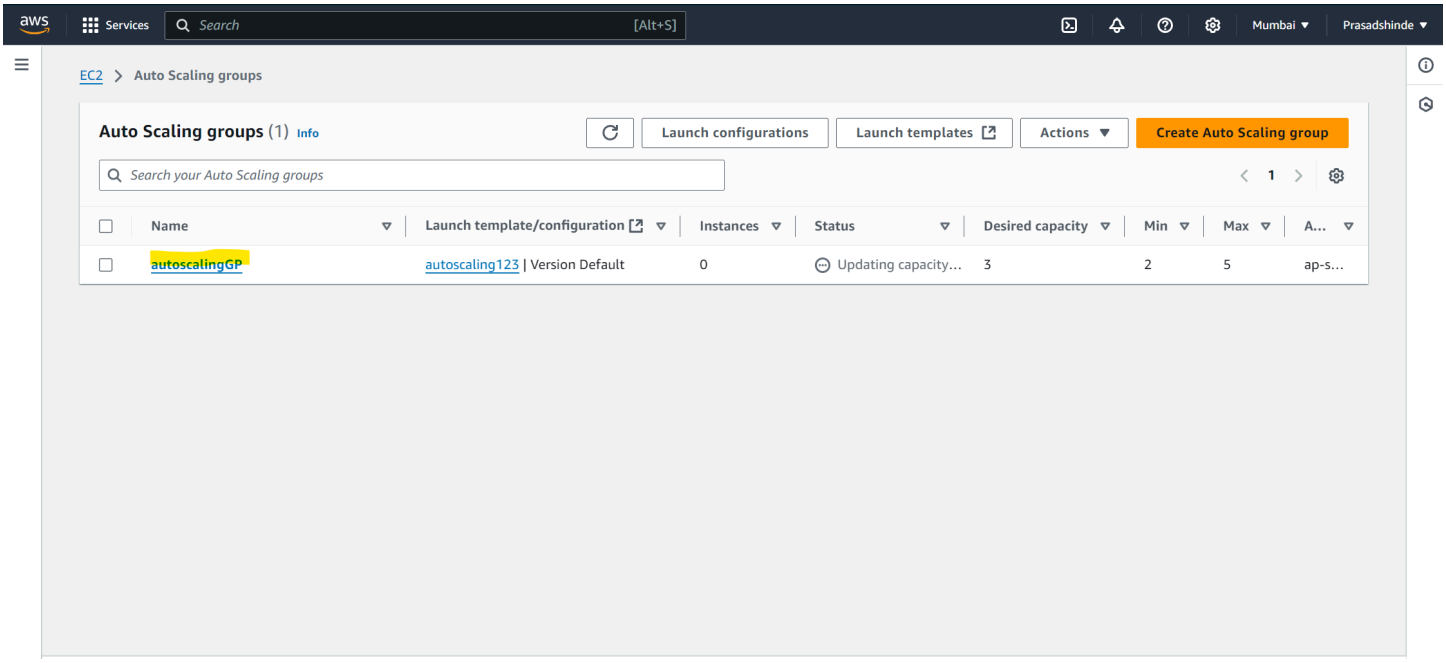
4] Configured group size and scaling



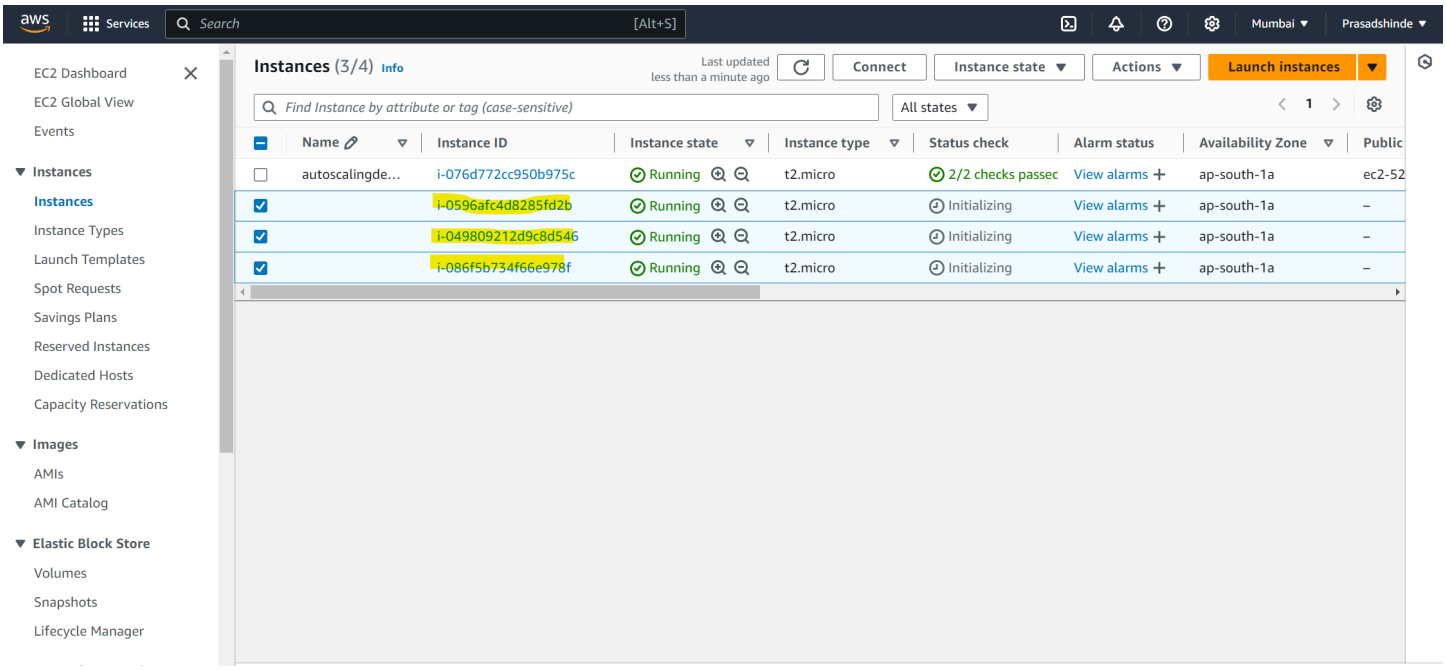
5]Add Notification



6] . Auto scaling group have been created

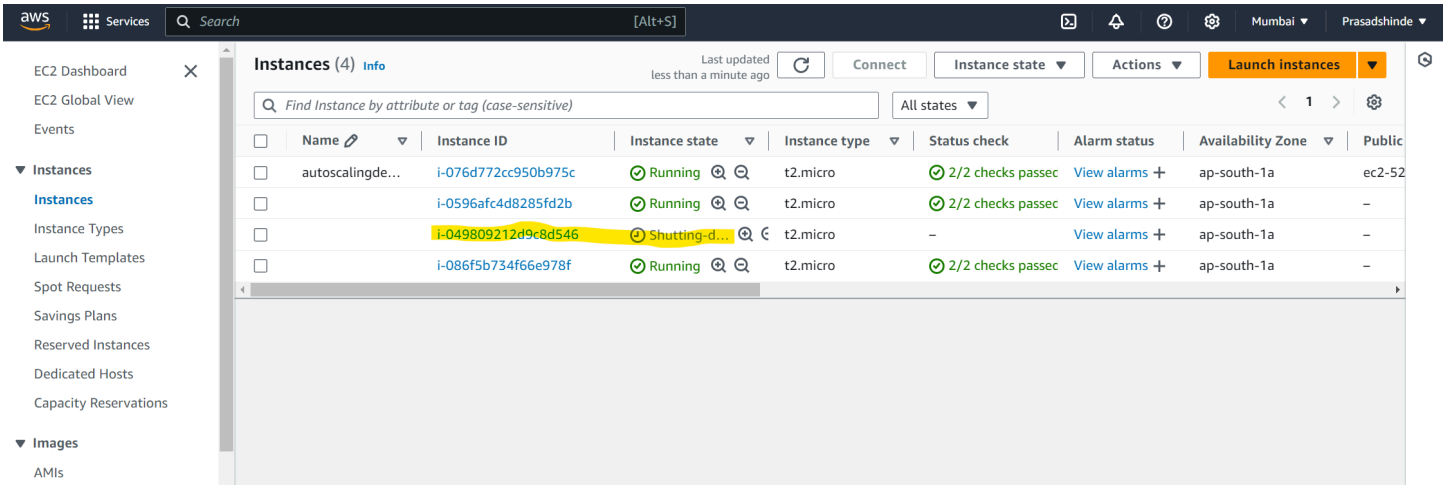


7] As we mention autoscaling will create 3 instance



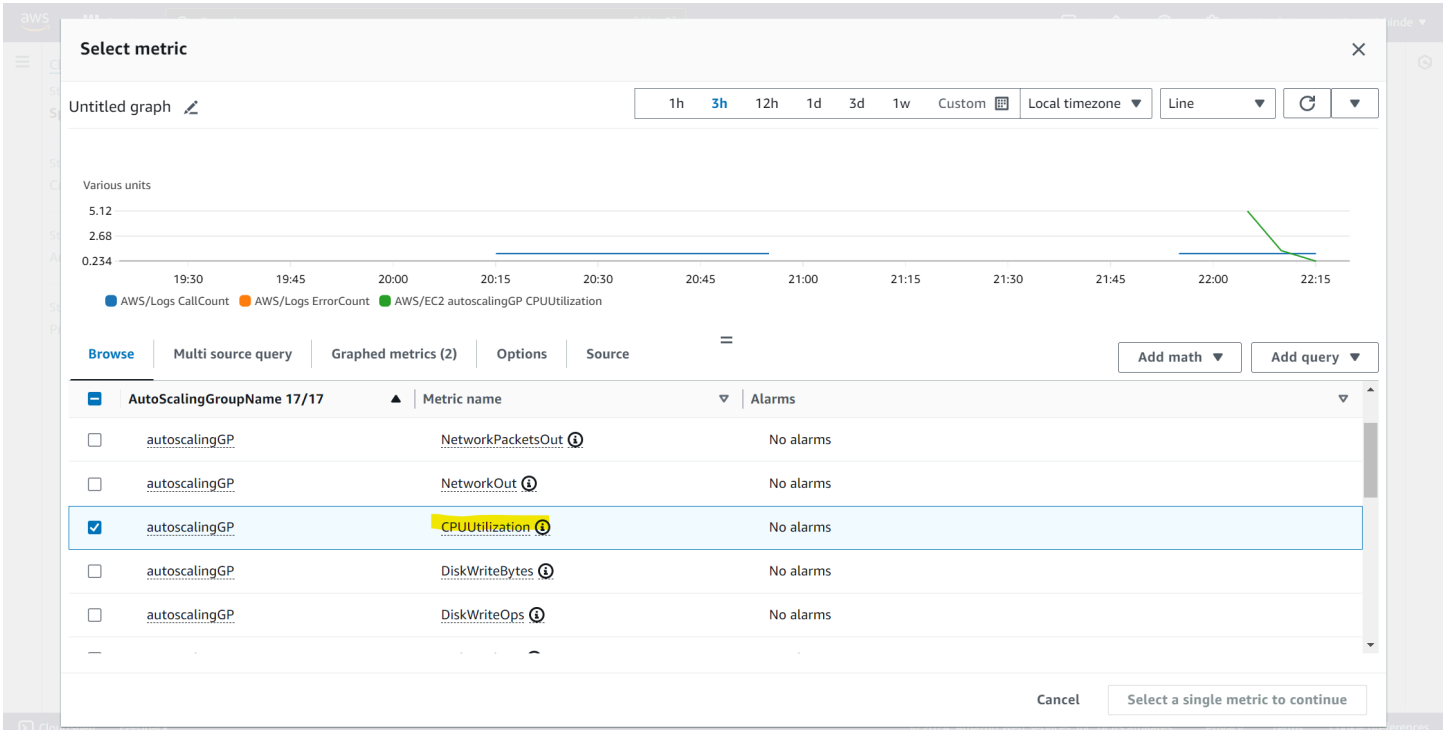
Manual Scaling

If we change desired value manually as 2 so AutoScaling group will remove 1 instance.

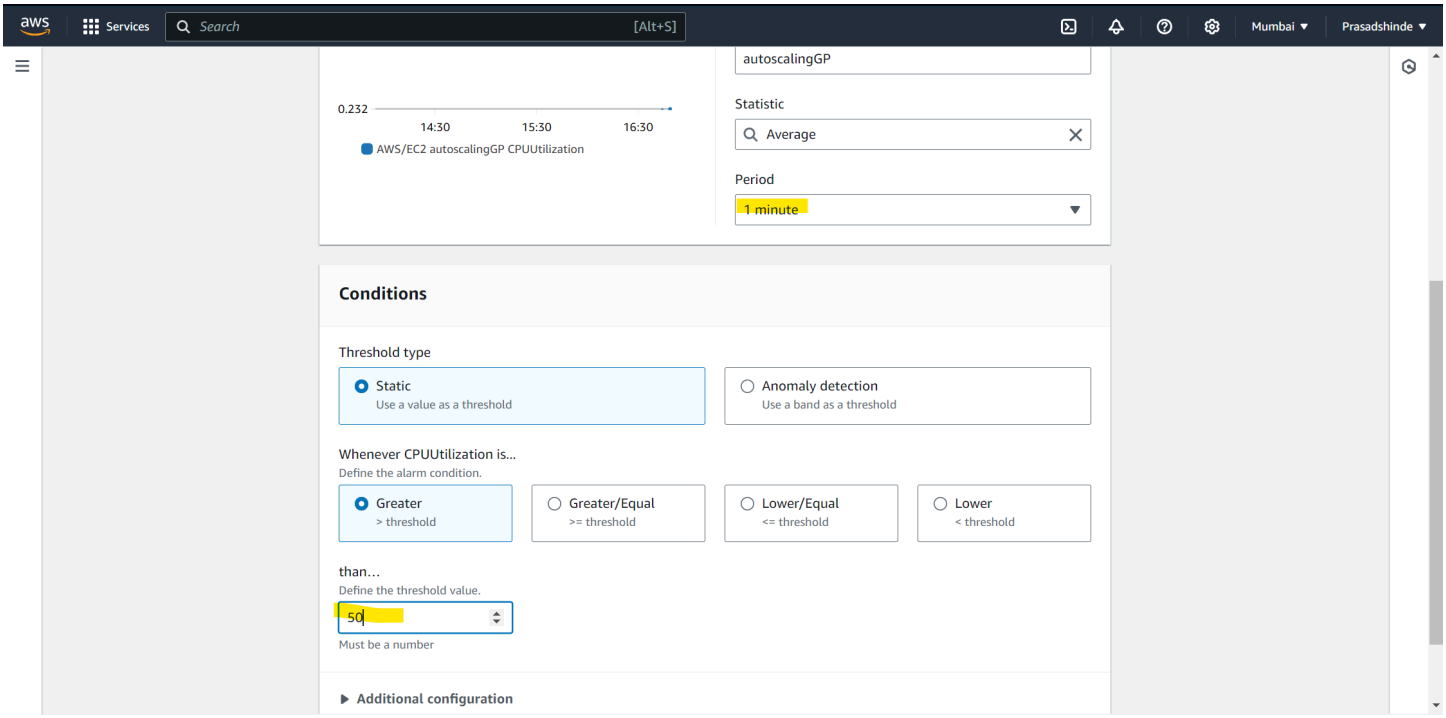


Automatic Scaling

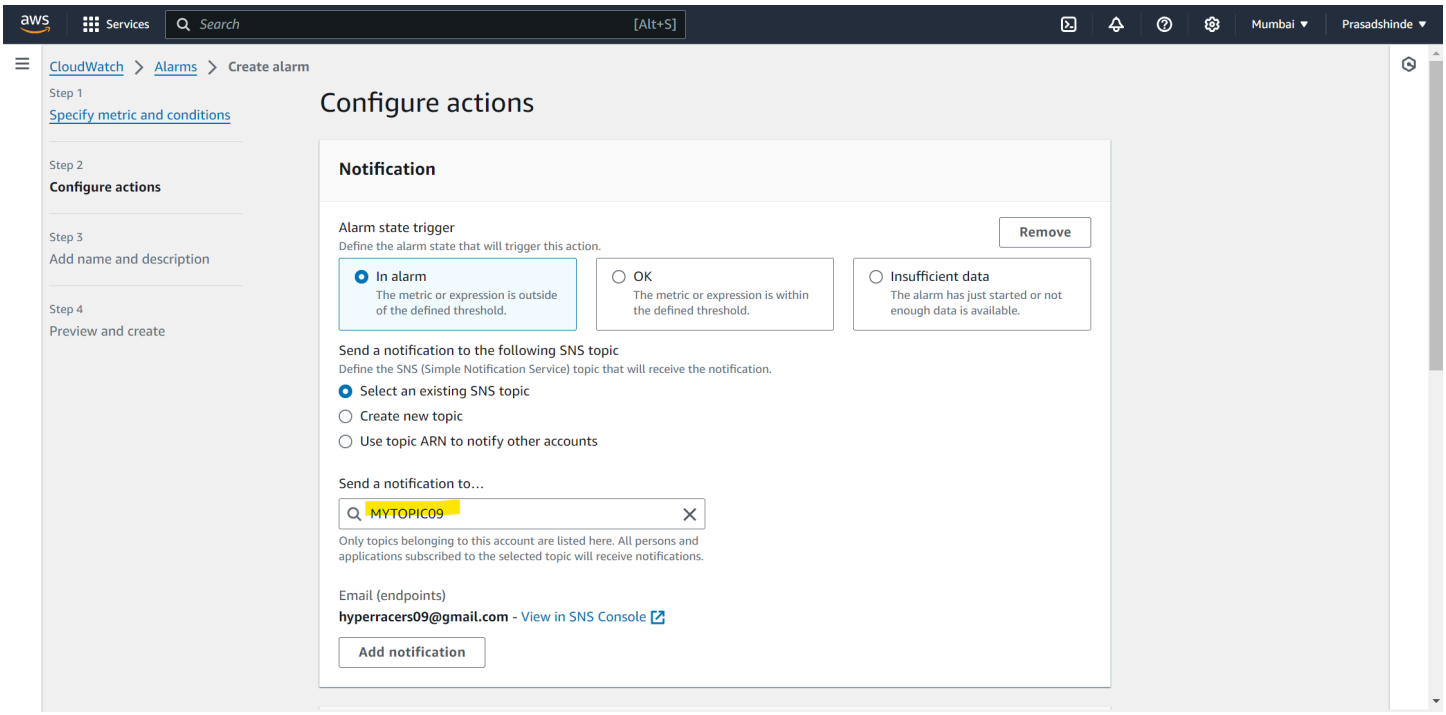
1] Create alarm for Autoscaling group and select CPU Utilization



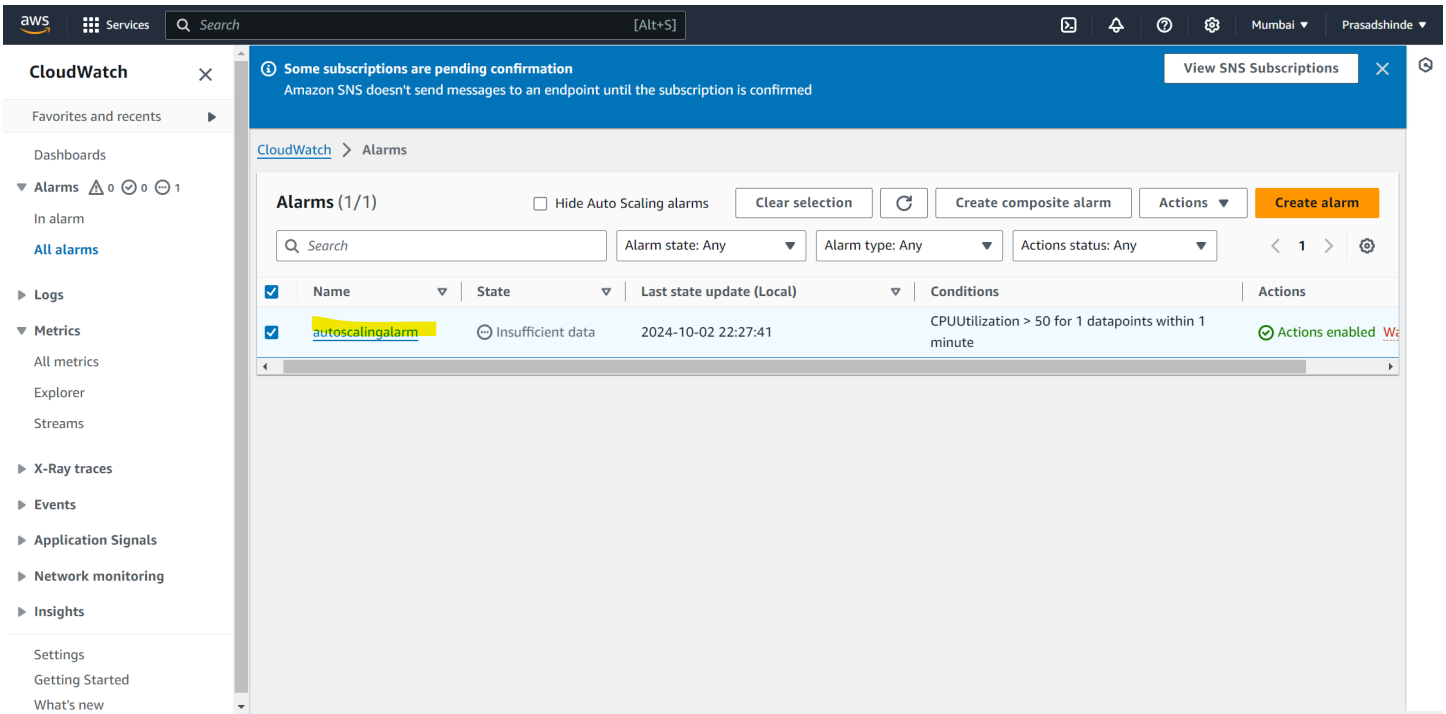
2] Select timeperiod”1 min ” and threshold value(utilization greater than 50)



3] Select the state of the alarm and add SNS-topic

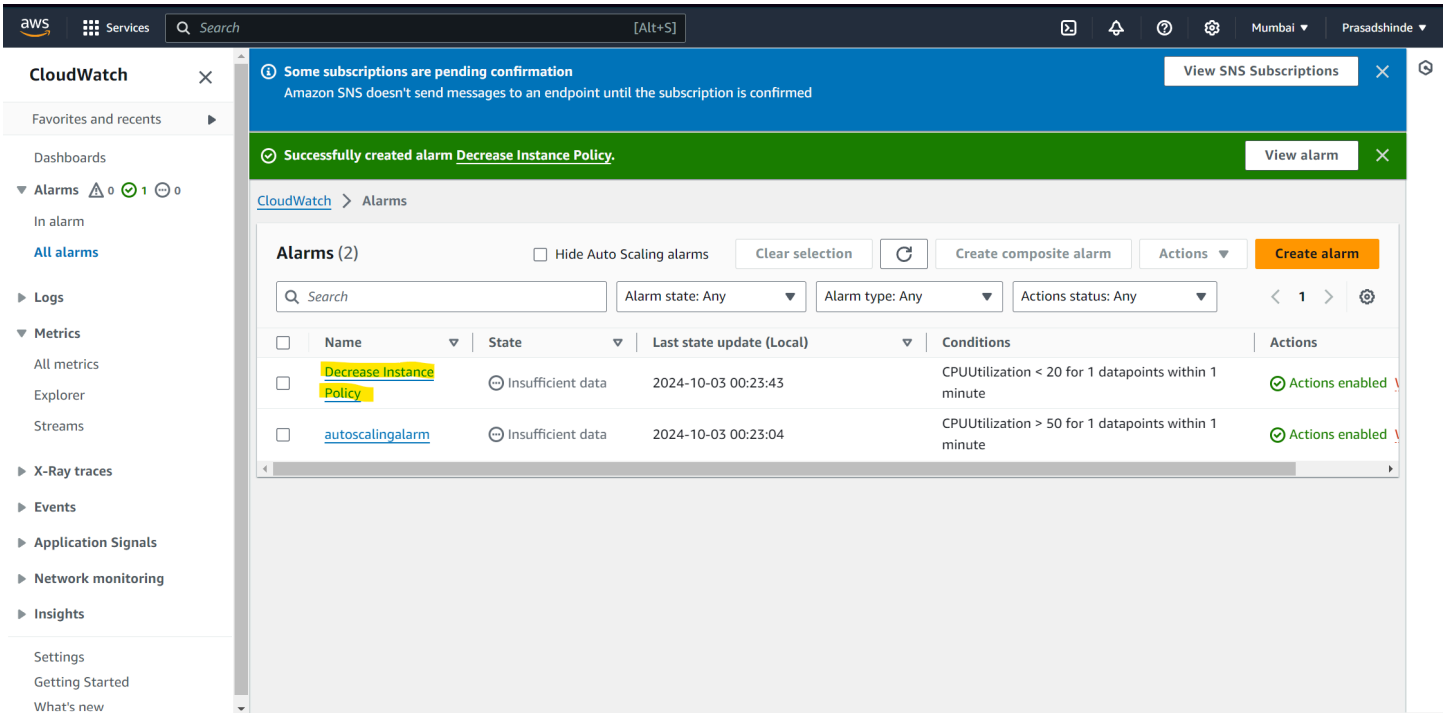


4] mention the name for the alarm and alarm has been created

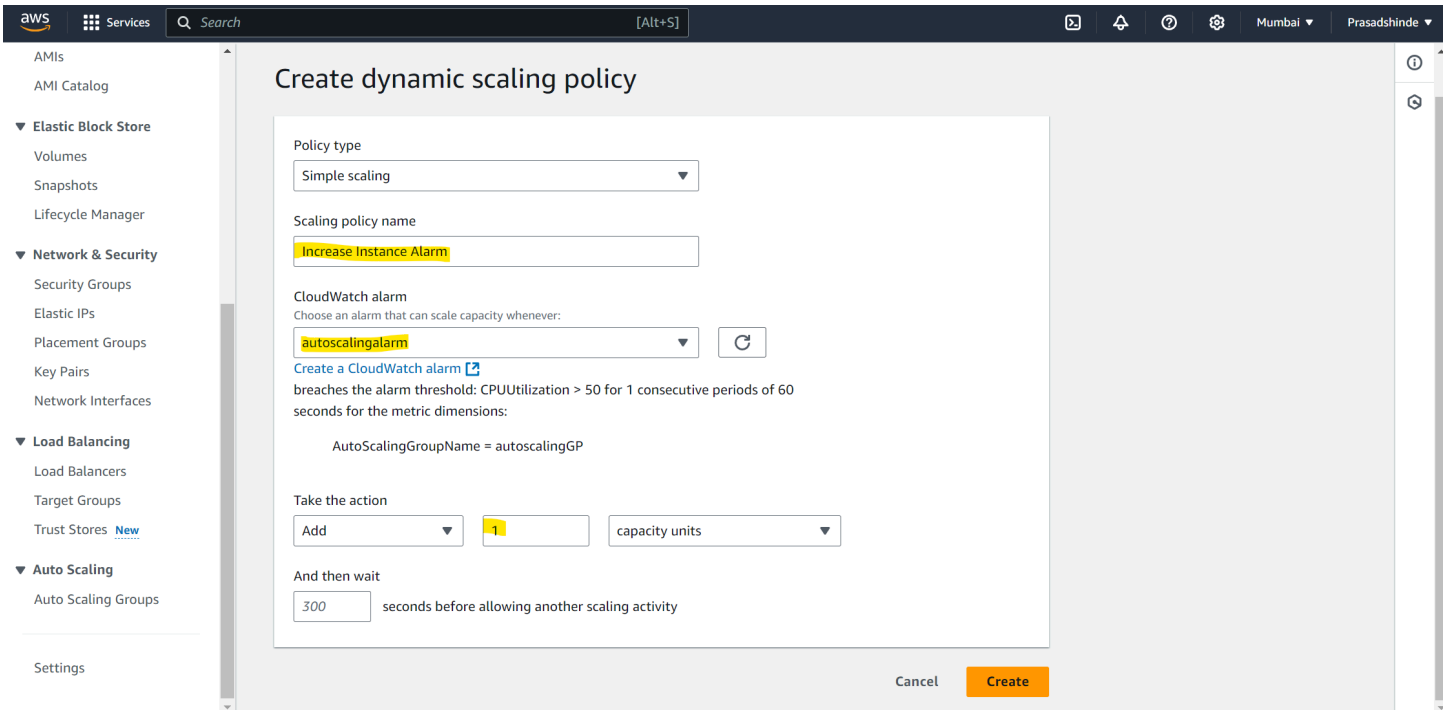


Create Dynamic policy

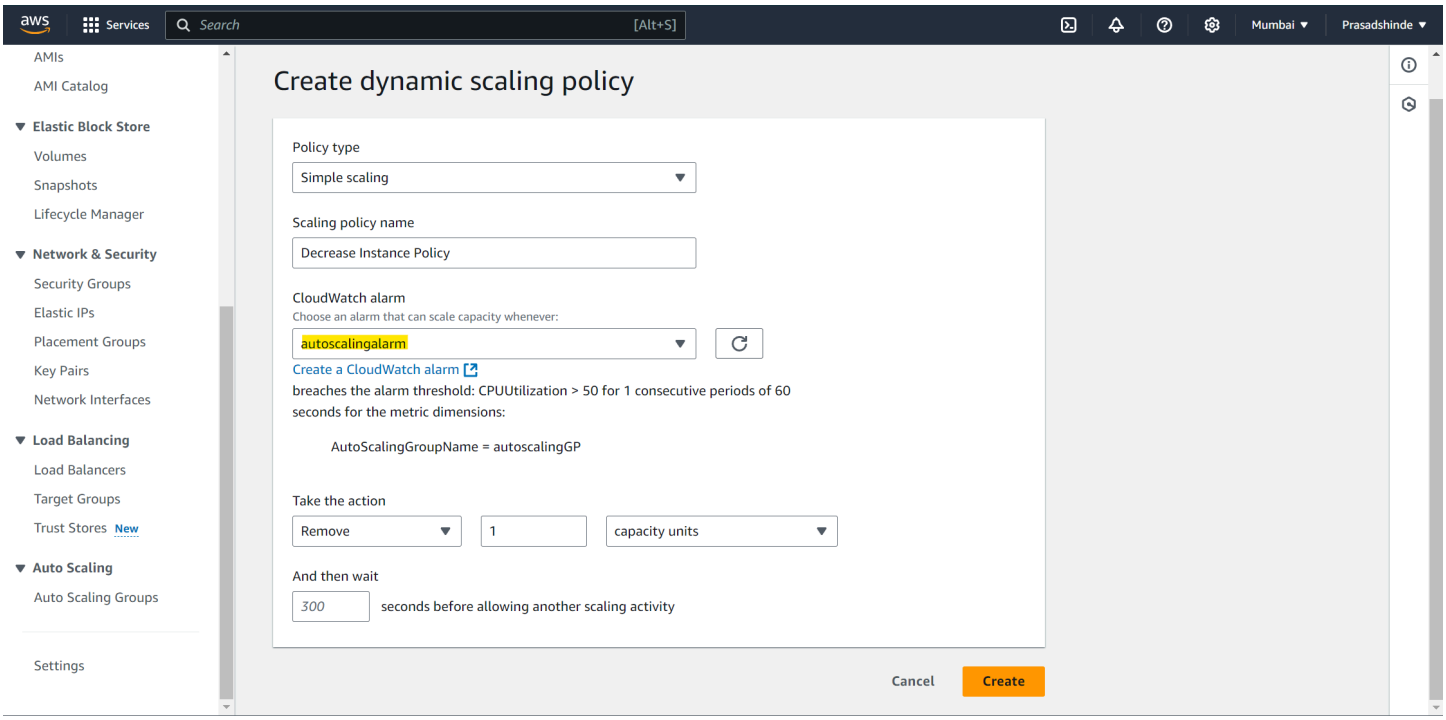
We have 2 different alarm for different policy



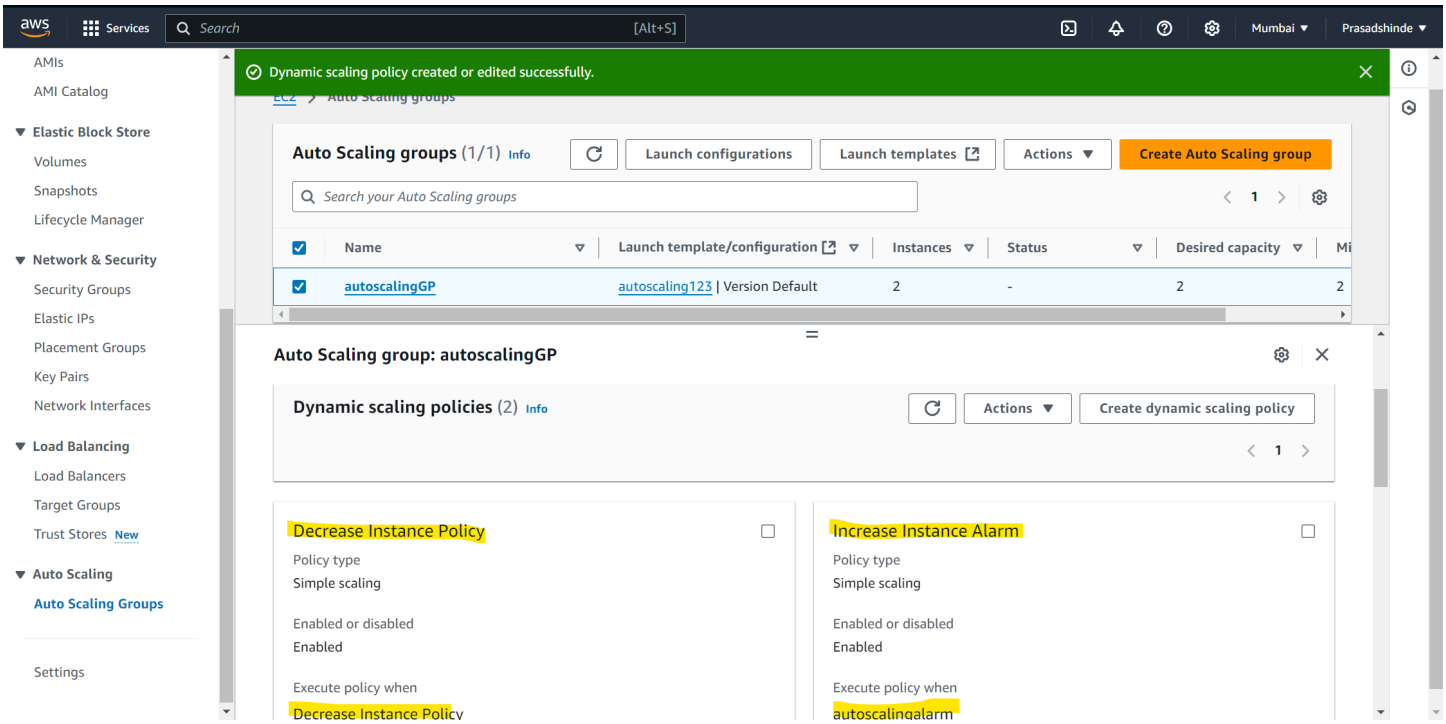
1] Increase_Instance_Alarm it will add 1 instance



2] Decrease_Instance_Policy it will remove the intance

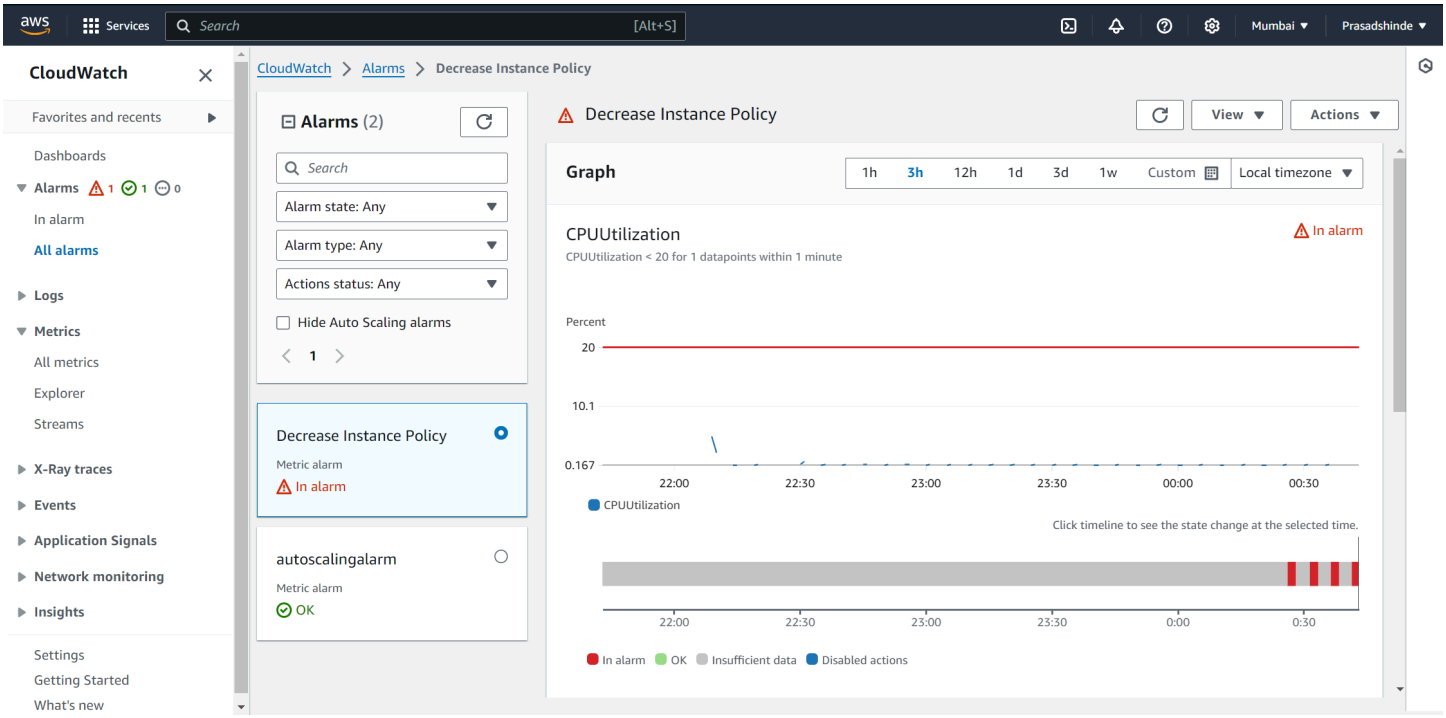


3] Both the alarm are attach to autoscaling group in Dynamic policy



Output

We could see alarm has been triggered


aws
Services
Search
[Alt+S]
Mumbai
Prasadshinde
CloudWatch
Favorites and recents
Dashboards
Alarms 1 1 0
In alarm
All alarms
Logs
Metrics
All metrics
Explorer
Streams
X-Ray traces
Events
Application Signals
Network monitoring
Insights
Settings
Getting Started
What's new
CloudWatch > Alarms > Decrease Instance Policy
Alarms (2)
Search
Alarm state: Any
Alarm type: Any
Actions status: Any
Hide Auto Scaling alarms
1
Decrease Instance Policy
Metric alarm
In alarm
autoscalingalarm
Metric alarm
OK
Decrease Instance Policy
View
Actions
Graph
1h 3h 12h 1d 3d 1w Custom
Local timezone
CPUUtilization
CPUUtilization < 20 for 1 datapoints within 1 minute
In alarm
Percent
20
10.1
0.167
22:00 22:30 23:00 23:30 00:00 00:30
CPUUtilization
Click timeline to see the state change at the selected time.
22:00 22:30 23:00 23:30 0:00 0:30
In alarm OK Insufficient data Disabled actions