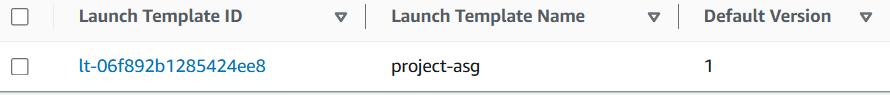
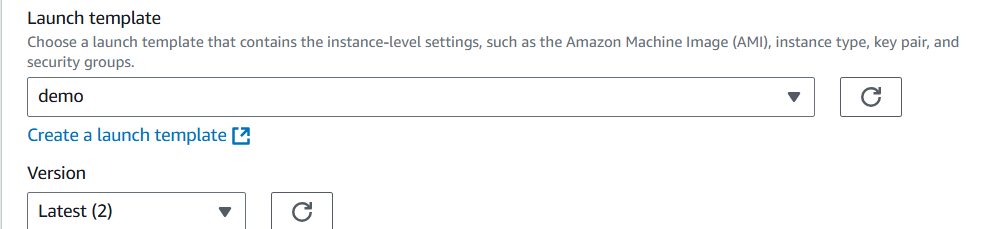
**ASG using cloud watch**

Step 1: create a lauch template

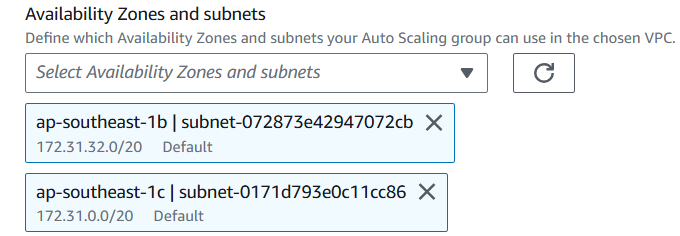


Step 2: create asg

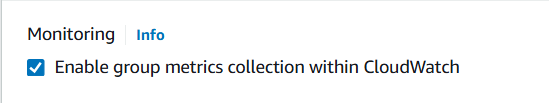
1. Choosing launch template



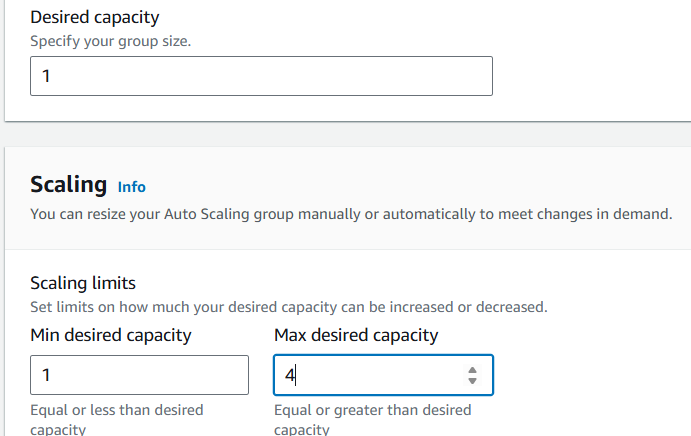
1. Choosing instance options



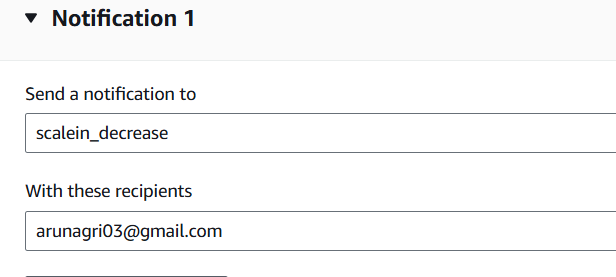
1. Advanced config:

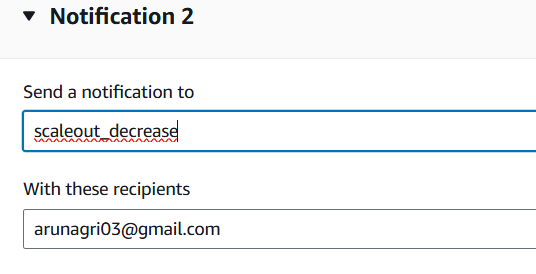


1. Configuring group size

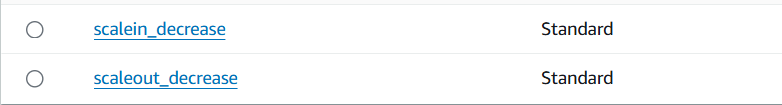


1. Add notification by creating SNS

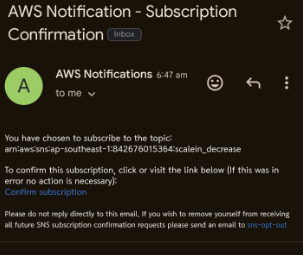




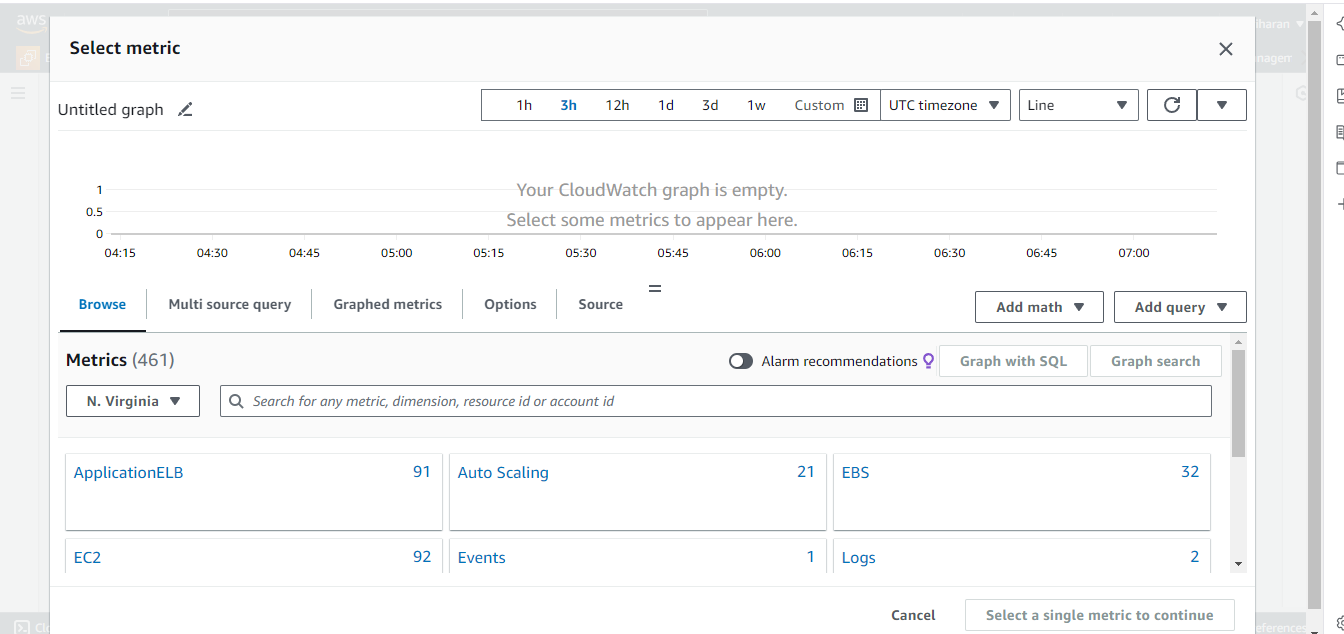
Step 3: go to SNS and check the topics has created

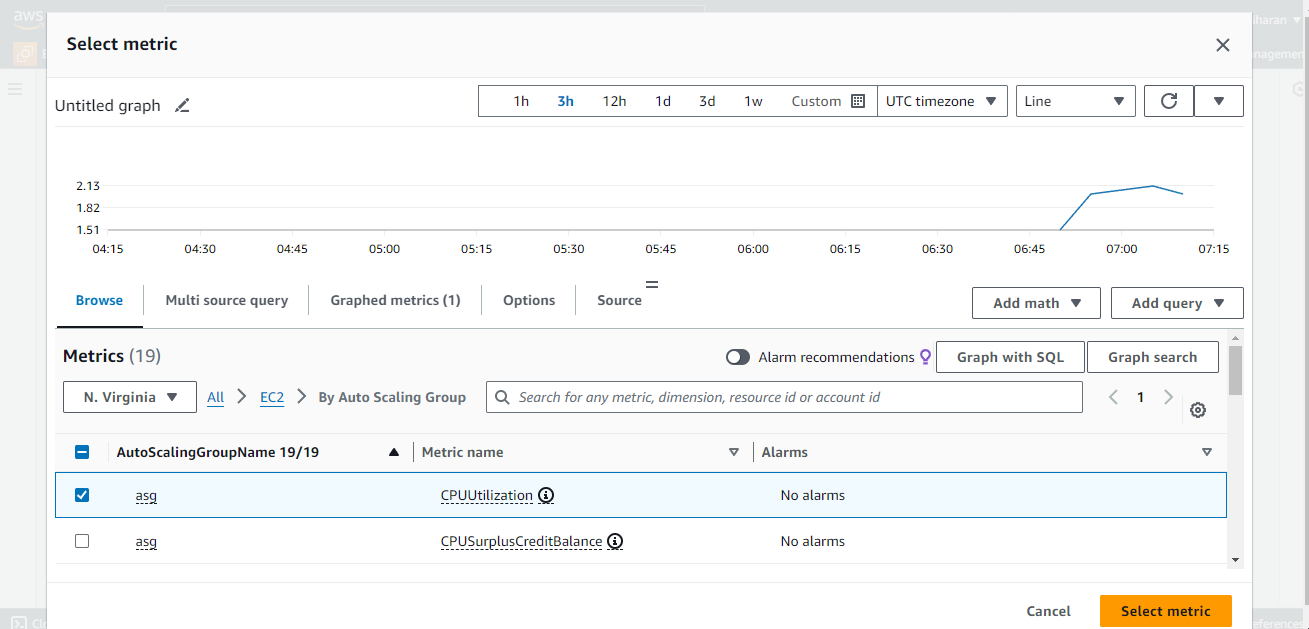


Confirm subscription on your mail



Step 4: Go to cloud watch and create alarm

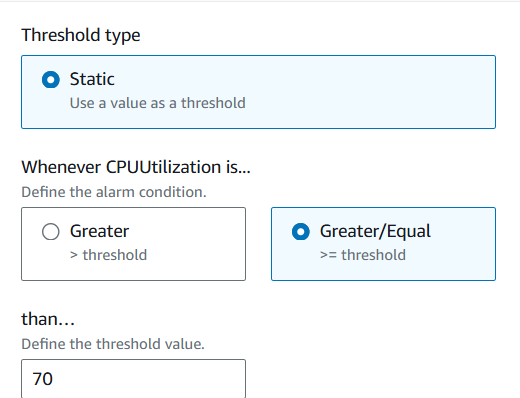


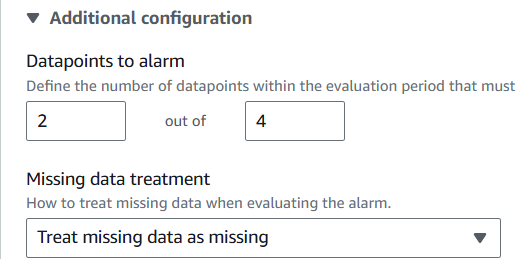


Create alarm -> select metric -> EC2 -> by auto-scaling group -> cpu - utilization

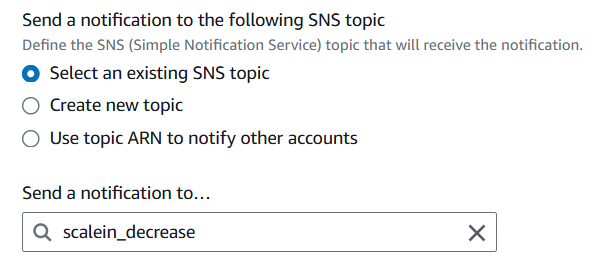


Specify the conditions

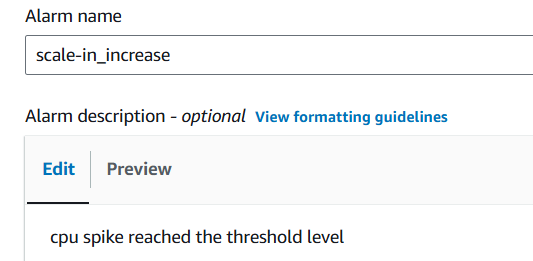




Then choose the SNS topic (scale in – increase)

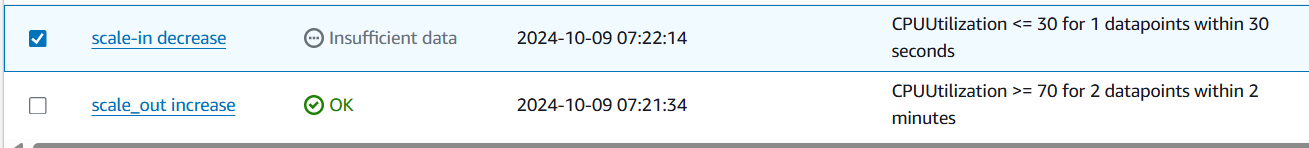


Set alarm name and description

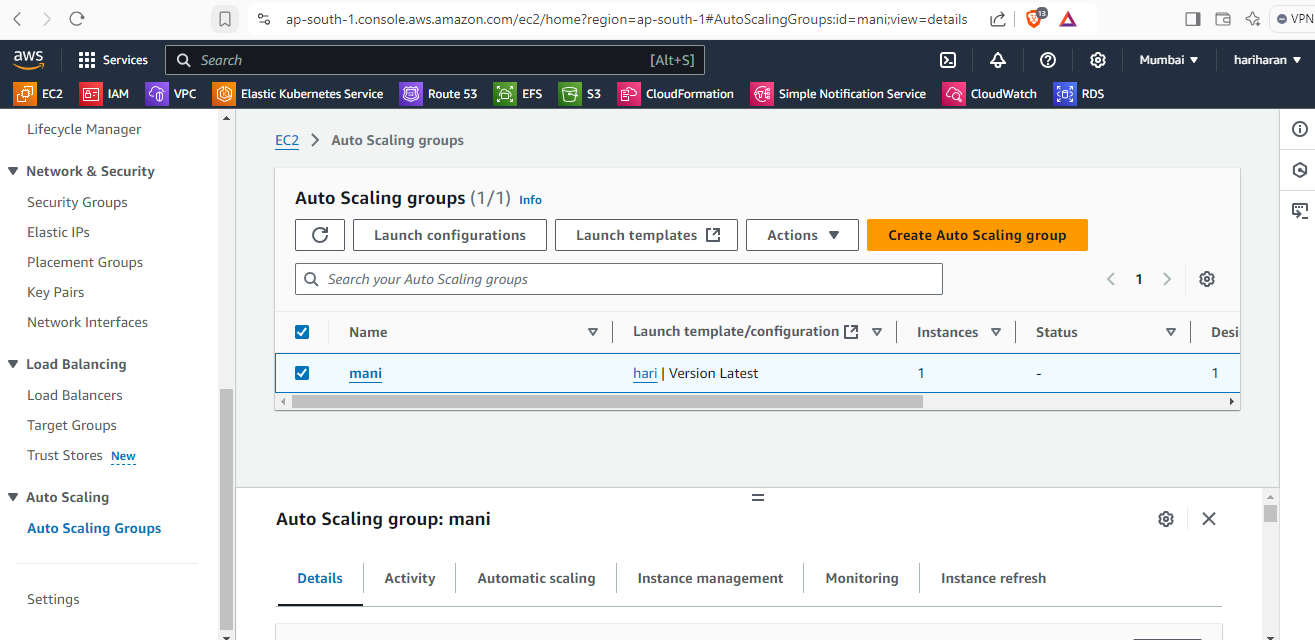


At the same way create alarm for scale-out(decrease)

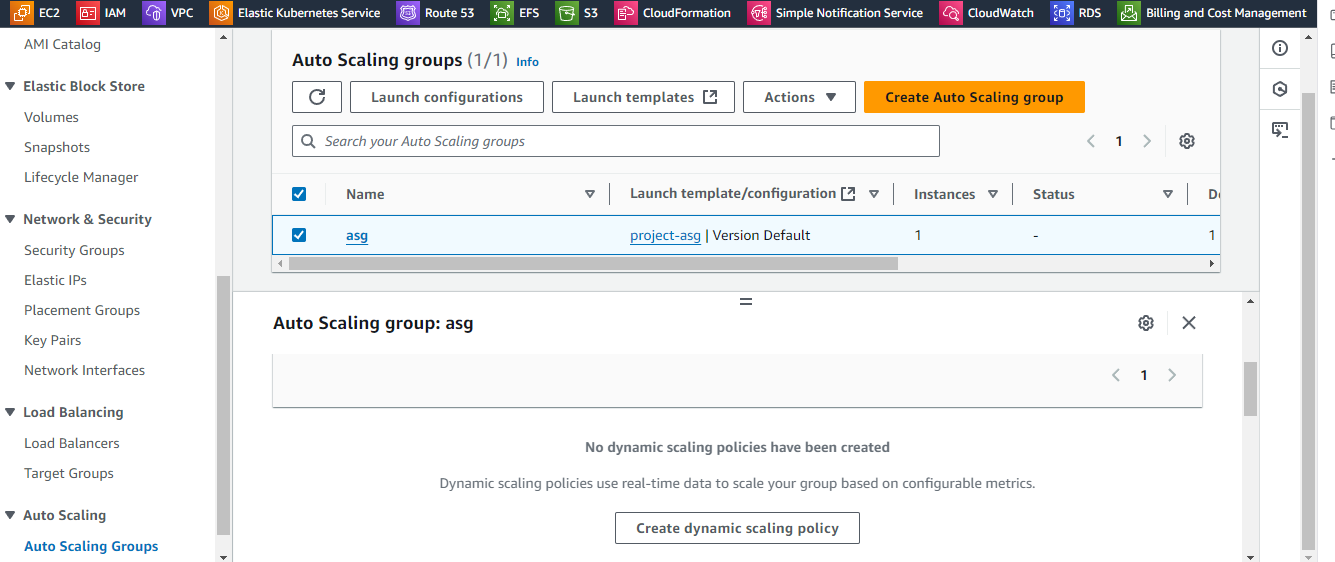
After creating alarm, it shows in dashboard



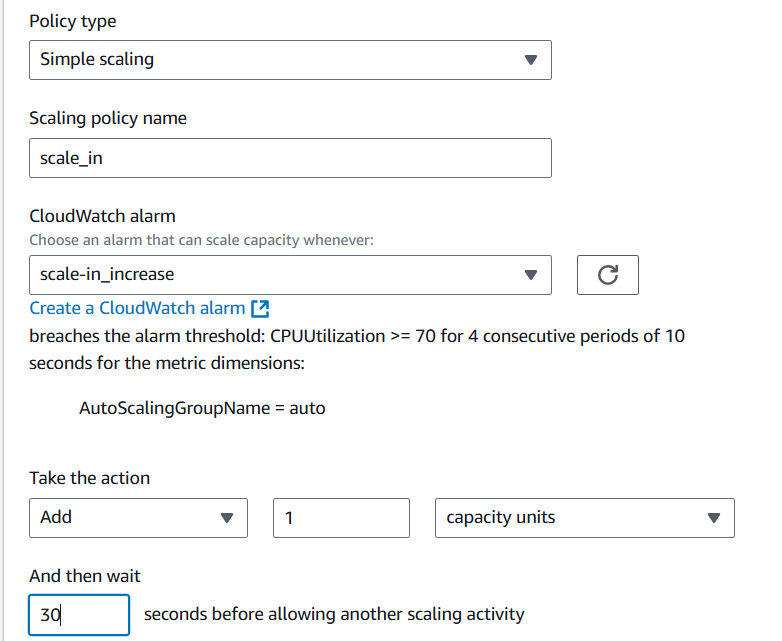
Then you go to autoscaling group

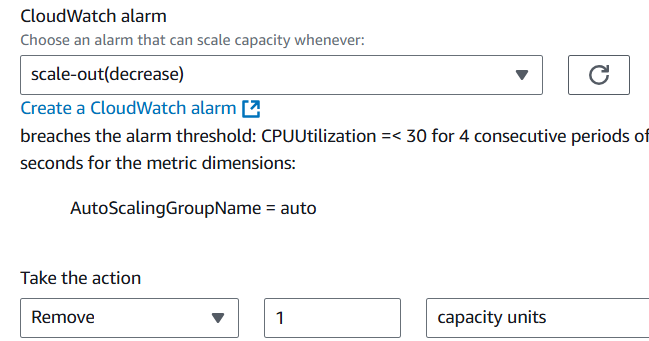


Autoscaling to create dynamic policy



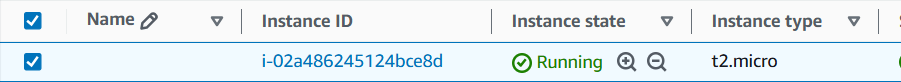
Step 5: same way create scaling policy for scale-out {chose simple tracking}



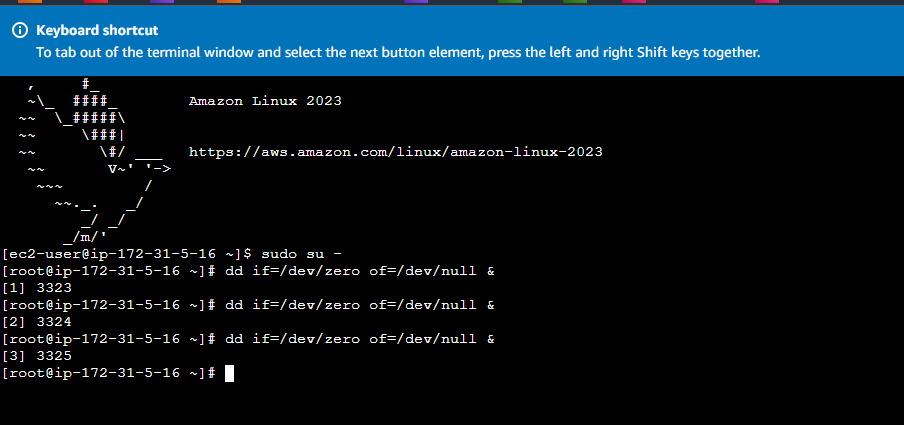


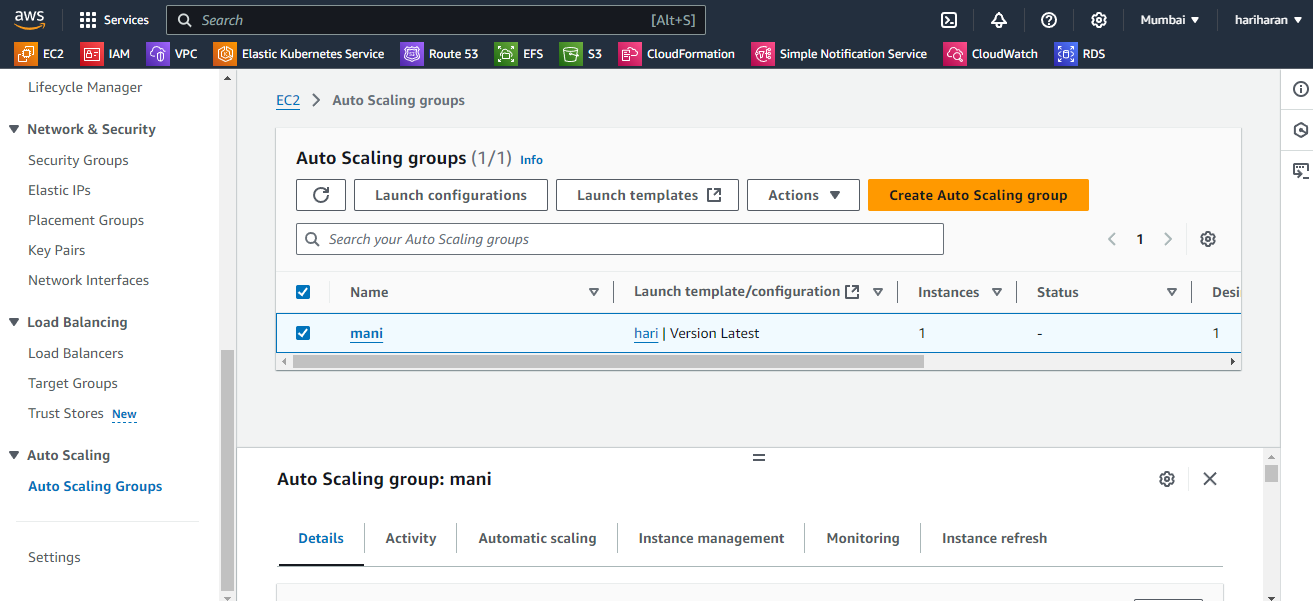
Step 6:

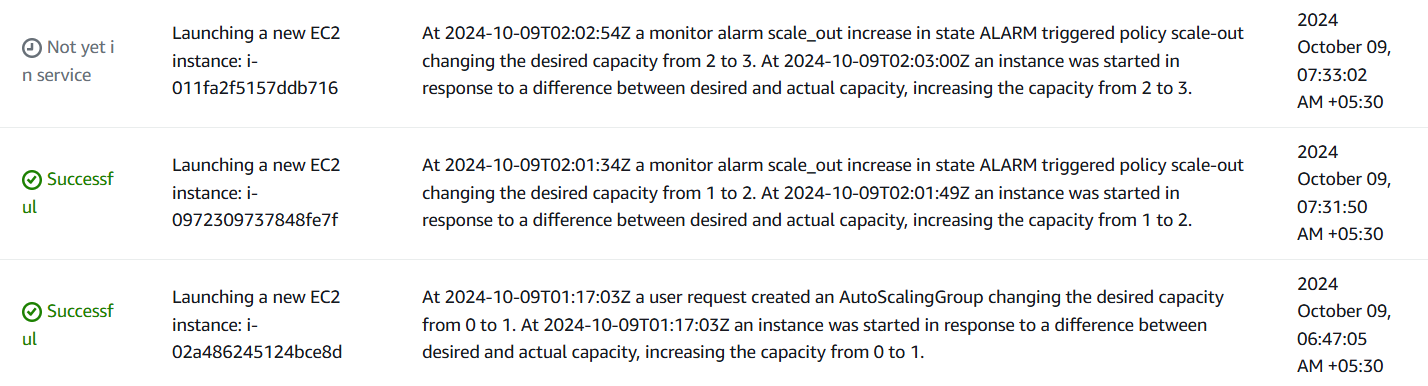
Go to the instance and increase the cpu utilization

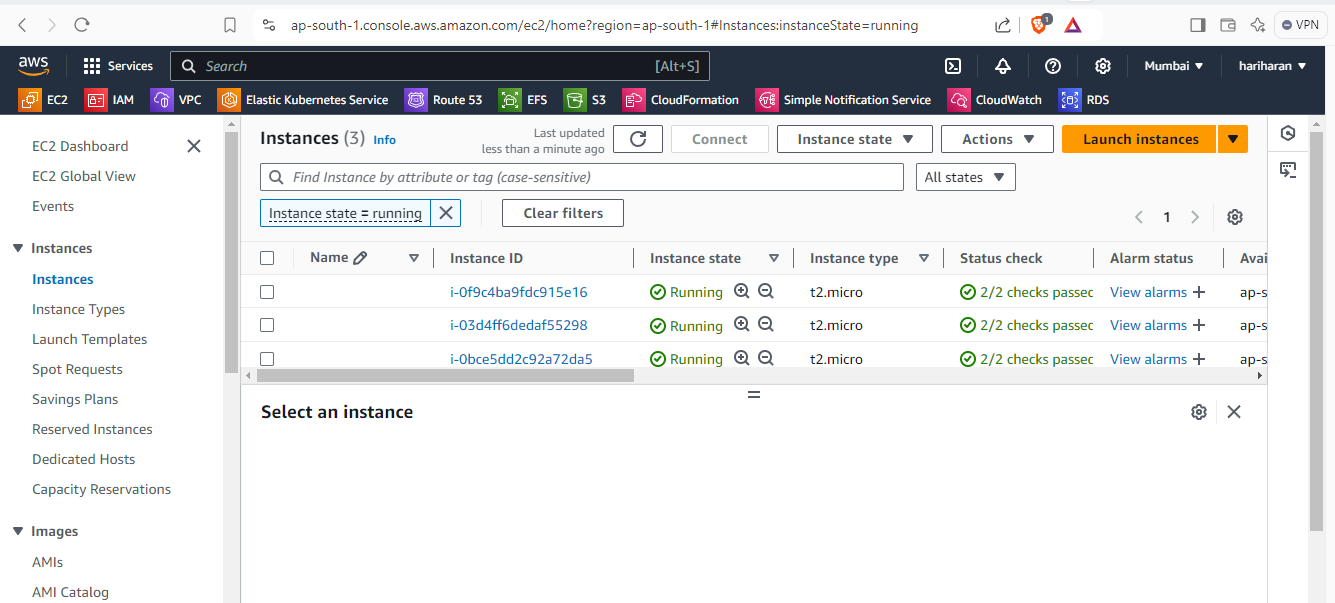


After running dd command check in the activity of autoscaling group









After deleting the dd command in instance scale-in takes place



