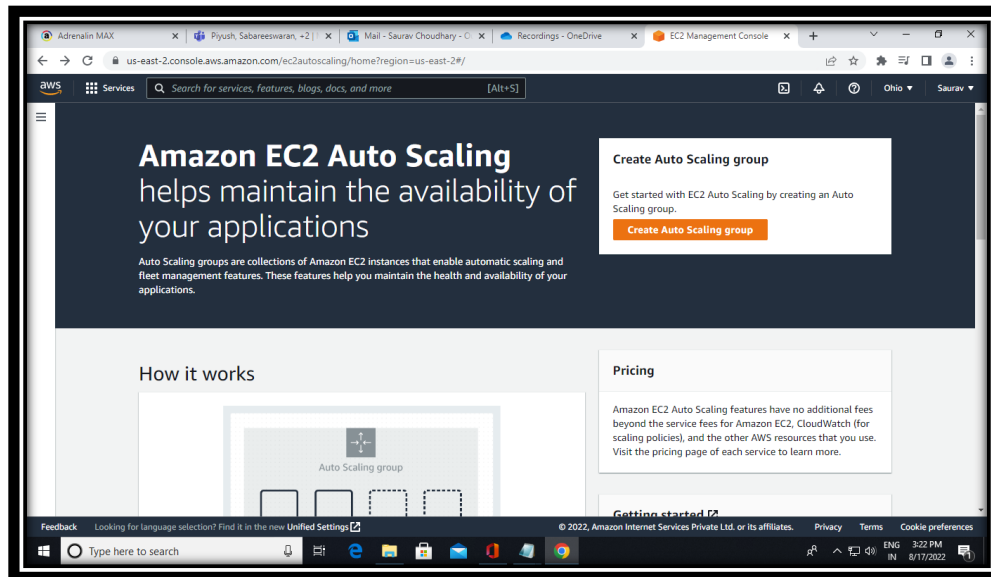


# AWS Auto Scaling

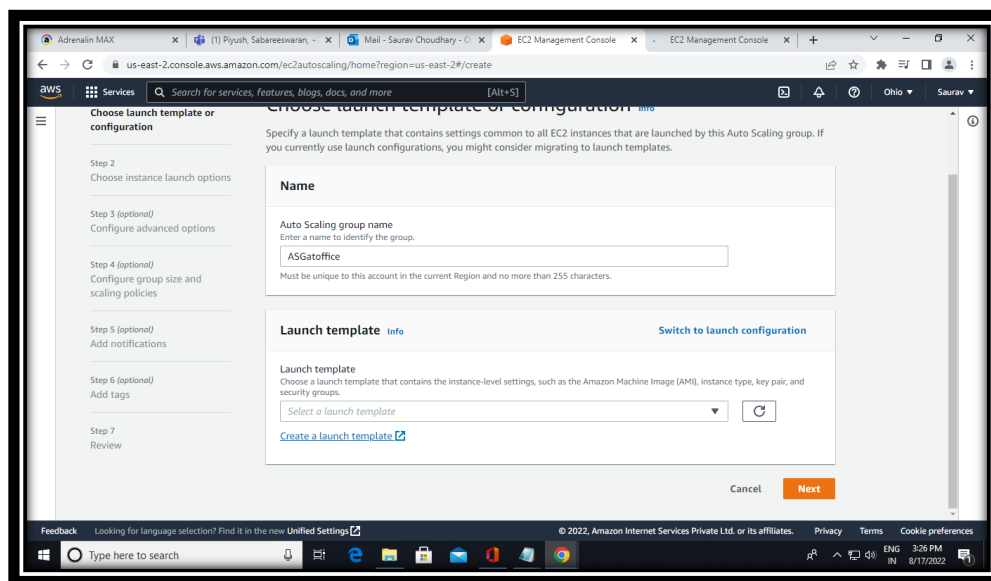
Autoscaling provides users with an automated approach to increase or decrease the compute, memory or networking resources they have allocated, as traffic spikes and use patterns demand.

## Steps to create Auto Scaling Group

Click on the Auto Scaling Group Button



Give the auto scaling group name and click on create a launch template



Give the template name and template version

**Create launch template**

Creating a launch template allows you to create a saved instance configuration that can be reused, shared and launched at a later time. Templates can have multiple versions.

**Launch template name and description**

Launch template name - required  
ASGatoffice  
Must be unique to this account. Max 128 chars. No spaces or special characters like '&', '@', '!', etc.

Template version description  
ASGatofficev1  
Max 255 chars

Auto Scaling guidance Info  
Select this if you intend to use this template with EC2 Auto Scaling  
☐ Provide guidance to help me set up a template that I can use with EC2 Auto Scaling

**Summary**

Software Image (AMI)  
Amazon Linux 2 Kernel 5.10 AMI...read more  
ami-051dfed8f67f095f5

Virtual server type (instance type)  
t2.micro

Firewall (security group)  
Volume SG

Storage (volumes)  
1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier

Cancel Create launch template

Choose the AMI

**Quick Start**

Don't include in launch template  
Amazon Linux Ubuntu Windows Red Hat S  
aws ubuntu Microsoft Red Hat

Browse more AMIs  
Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)  
Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type  
ami-051dfed8f67f095f5 (64-bit (x86)) / ami-0b6eb081f5e4ad790 (64-bit (Arm))  
Virtualization: hvm ENA enabled: true Root device type: ebs  
Free tier eligible

Description  
Amazon Linux 2 AMI 2.0.20220719.0 x86\_64 HVM gp2

Architecture  
64-bit (x86)

AMI ID  
ami-051dfed8f67f095f5  
Verified provider

**Instance type** Info  
Advanced  
t2.micro

**Summary**

Software Image (AMI)  
Amazon Linux 2 Kernel 5.10 AMI...read more  
ami-051dfed8f67f095f5

Virtual server type (instance type)  
t2.micro

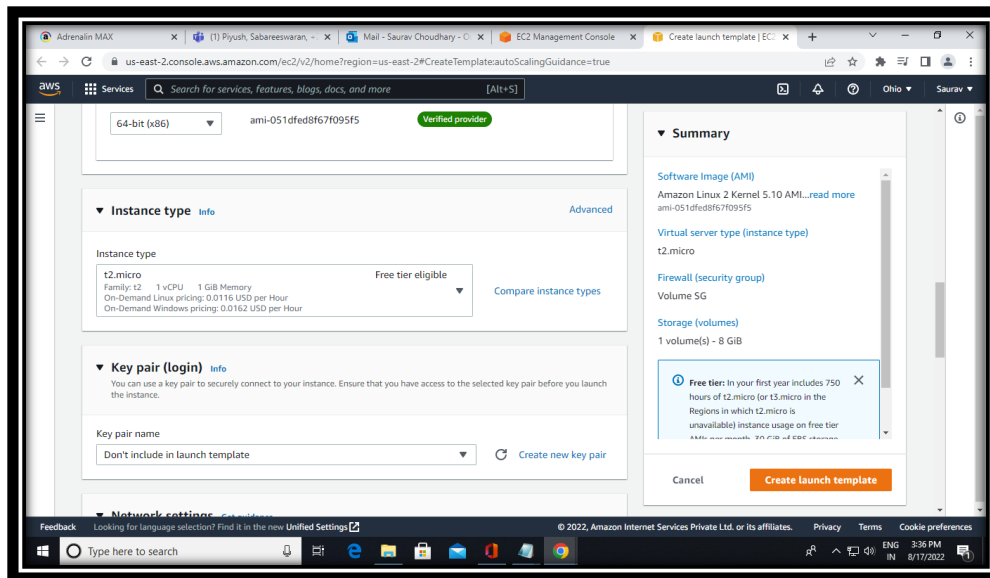
Firewall (security group)  
Volume SG

Storage (volumes)  
1 volume(s) - 8 GiB

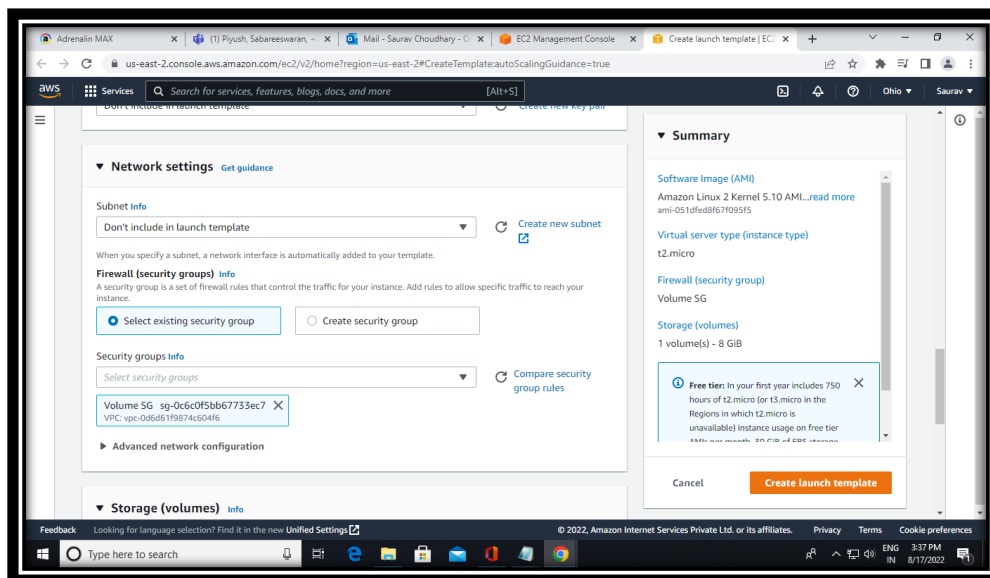
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier

Cancel Create launch template

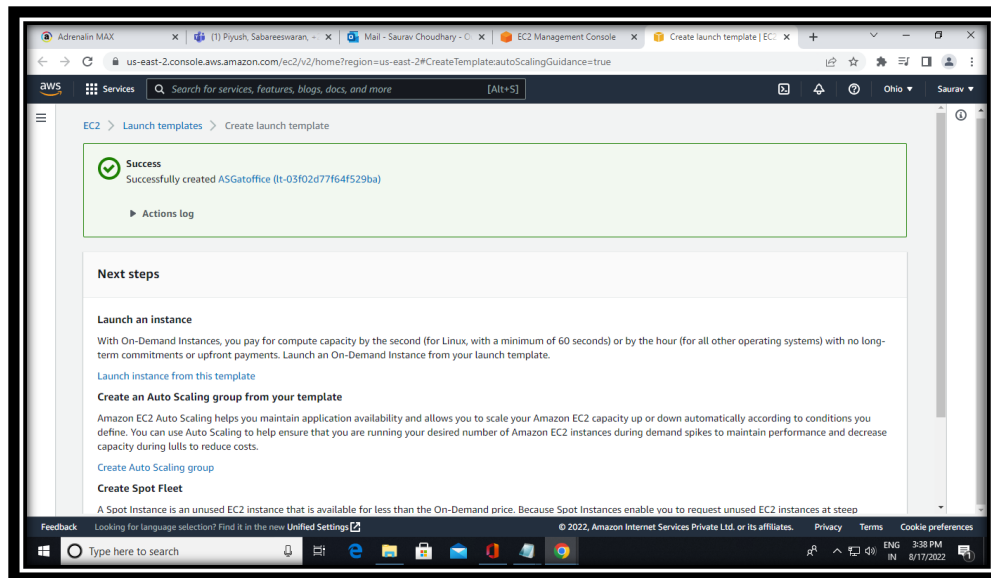
Choose the Instance Type



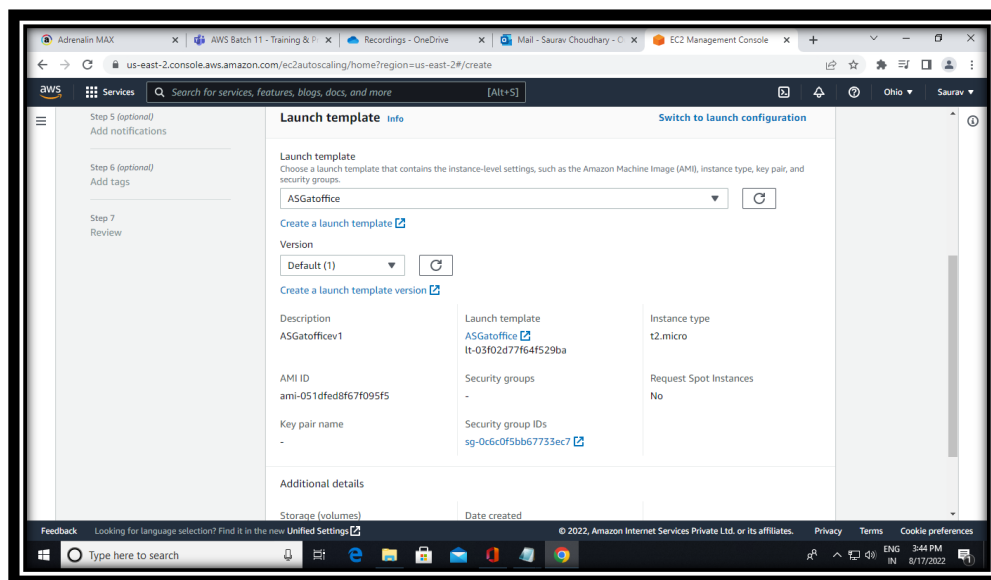
Select the security group



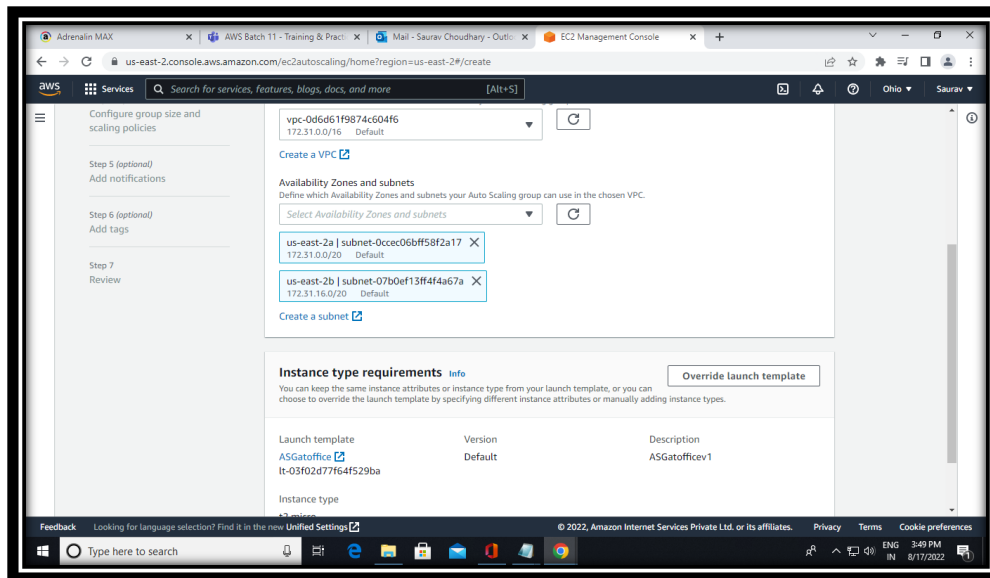
Now Click on the Launch Template Button.



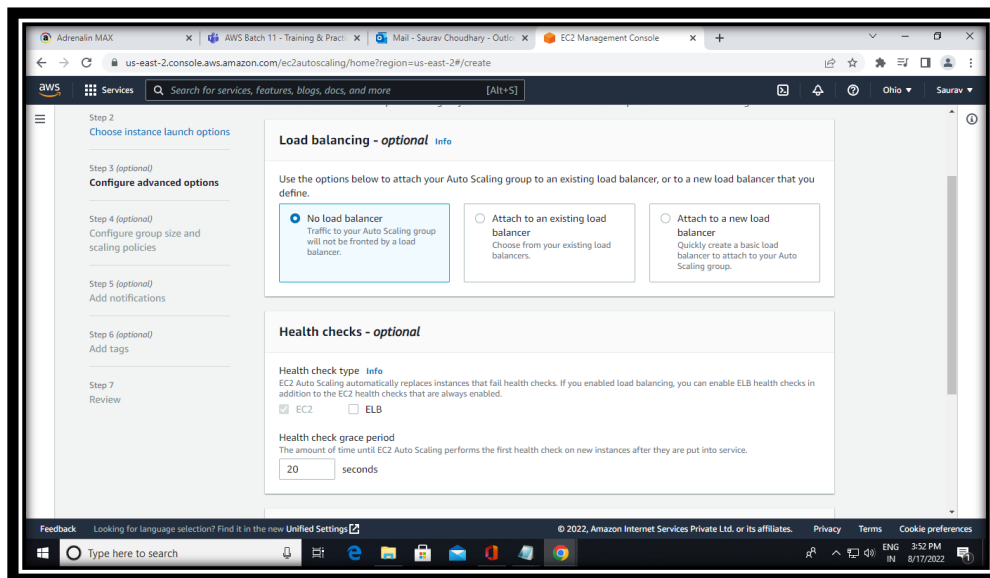
Now select the launch template we have created and click on the next button



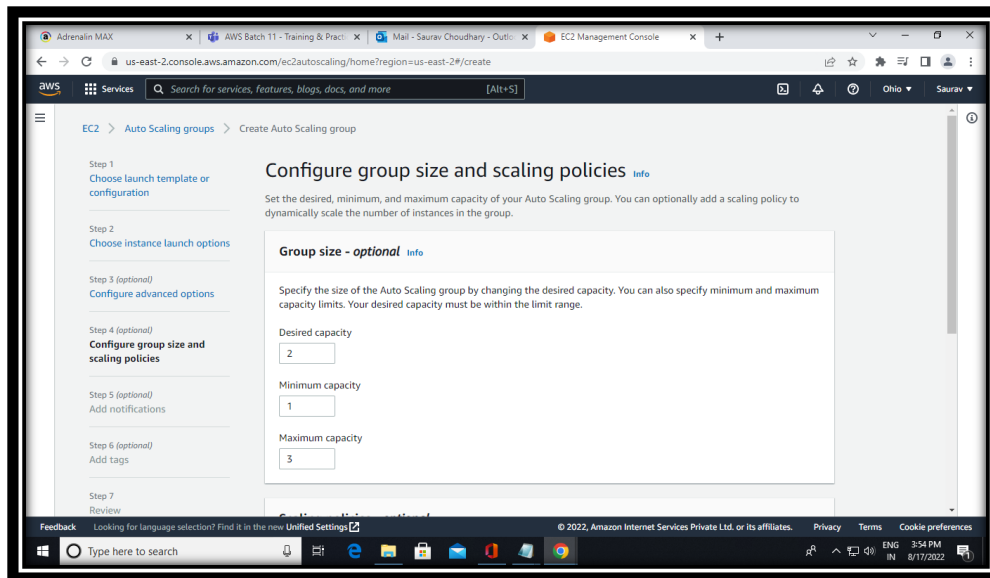
Select atleast one subnet and click on next



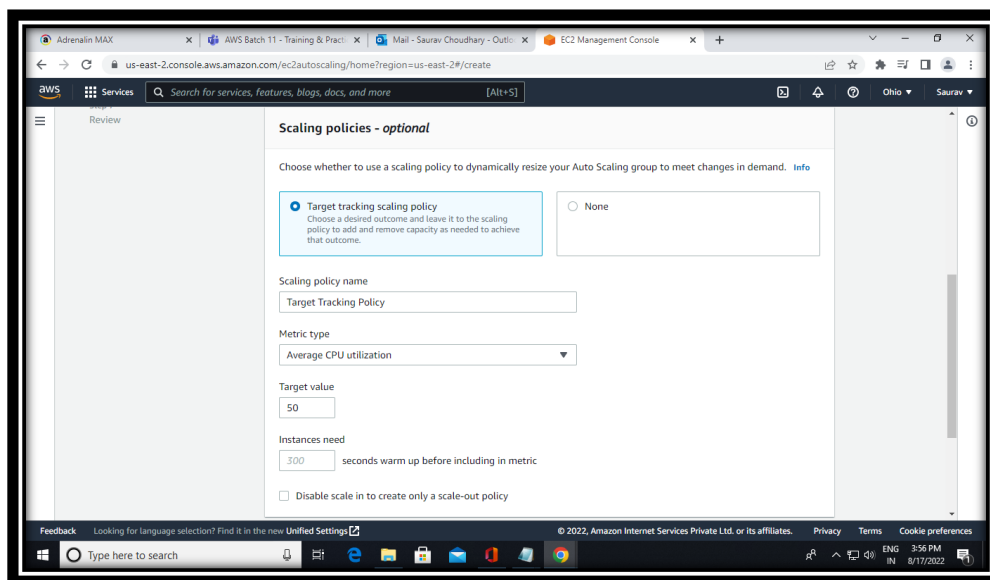
Select the no load balancer and reduce to health check from 300 to 20 seconds.



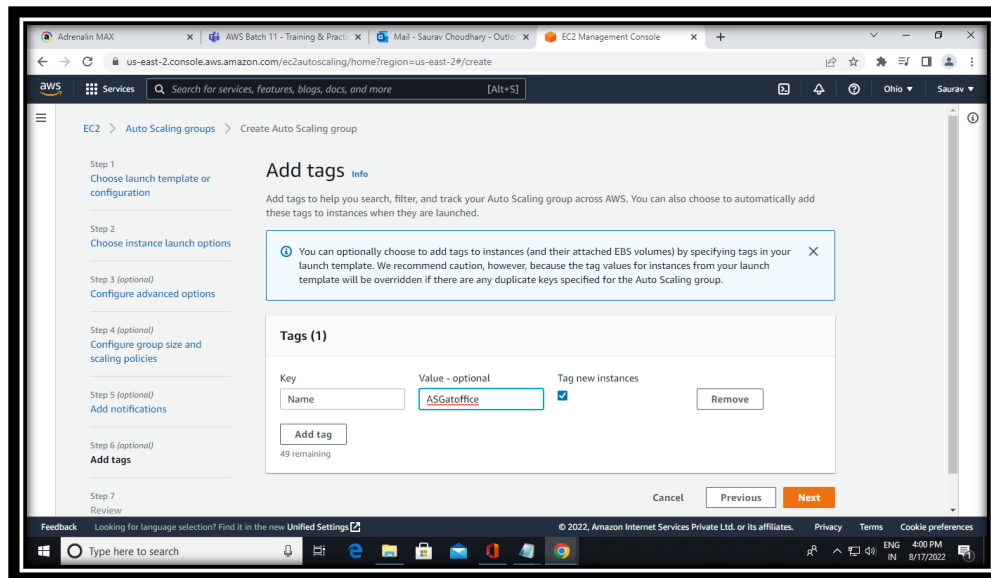
Now put the desired capacity as 3, minimum capacity 1 and maximum capacity 3.



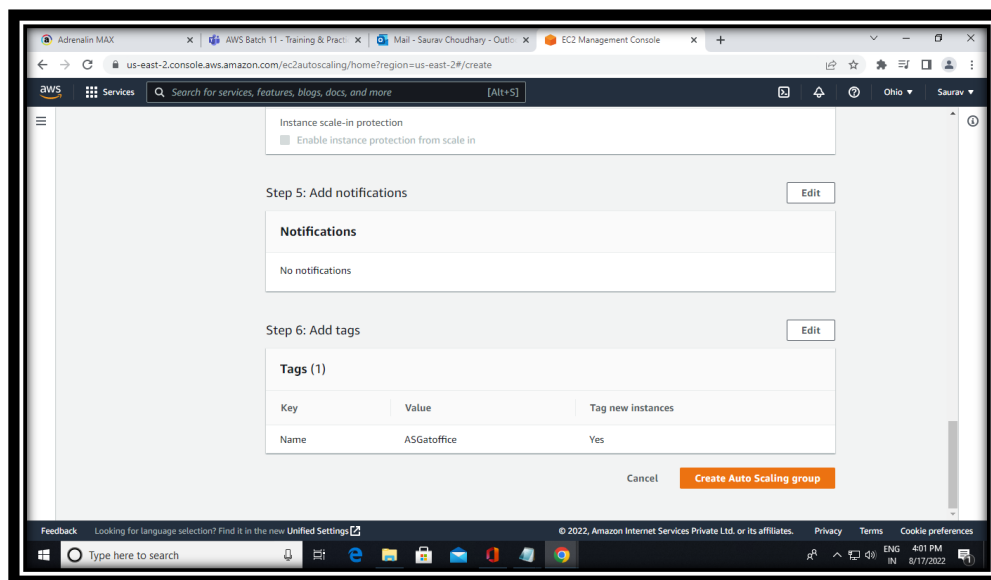
Select the target tracking scaling policy and click on next.



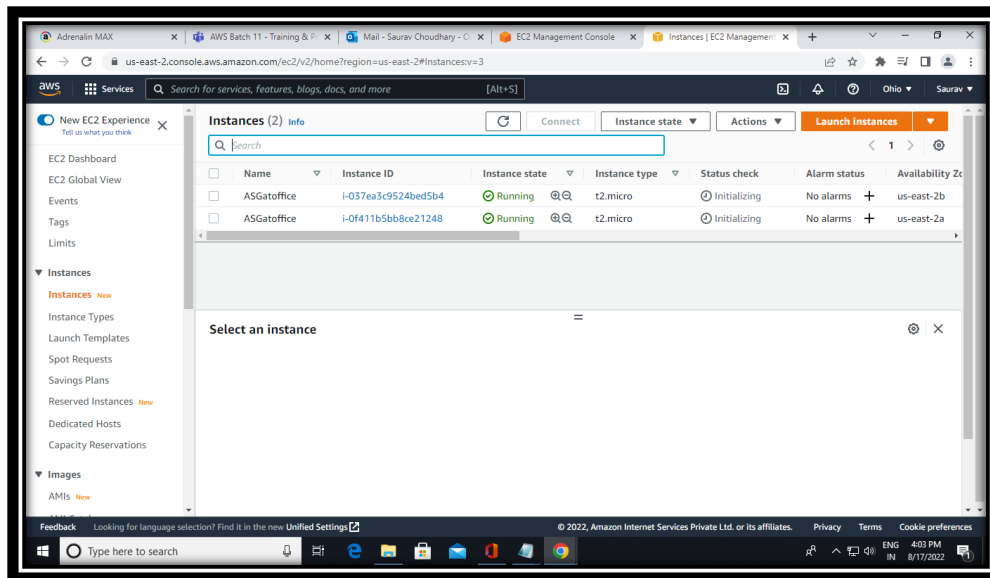
Add some name in the tag option and click on next



Now click on the Create Auto Scaling Group button.



The two instances have been automatically created and are running successfully



If one machine is working properly, it has automatically created a new machine.

