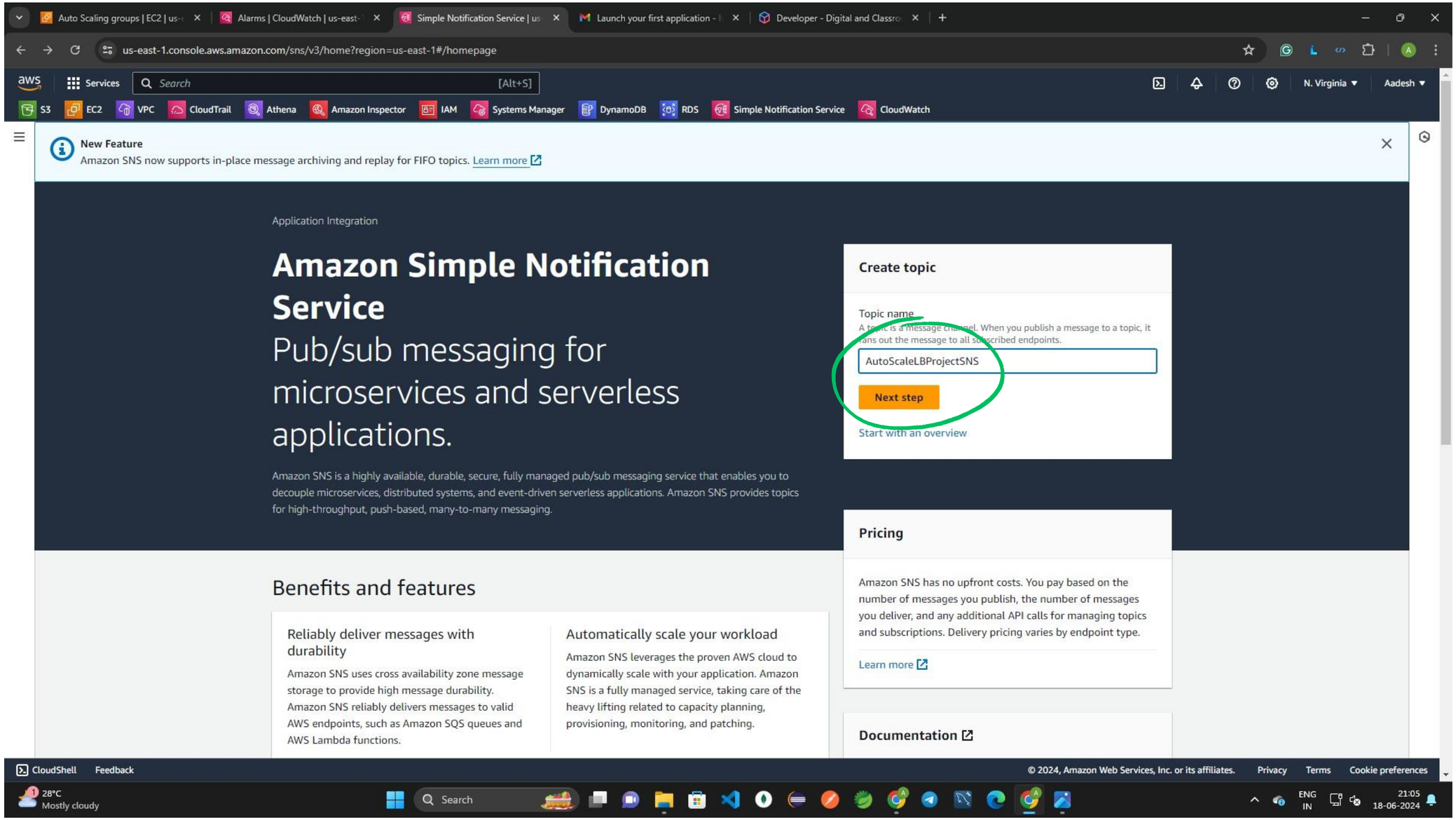
Auto-Scaling and Load Balancer Integration Project

-SWARAJ BHOITE
- AWS CLOUD PRACTITIONER

Step1- Create SNS Topic and Complete Subscription



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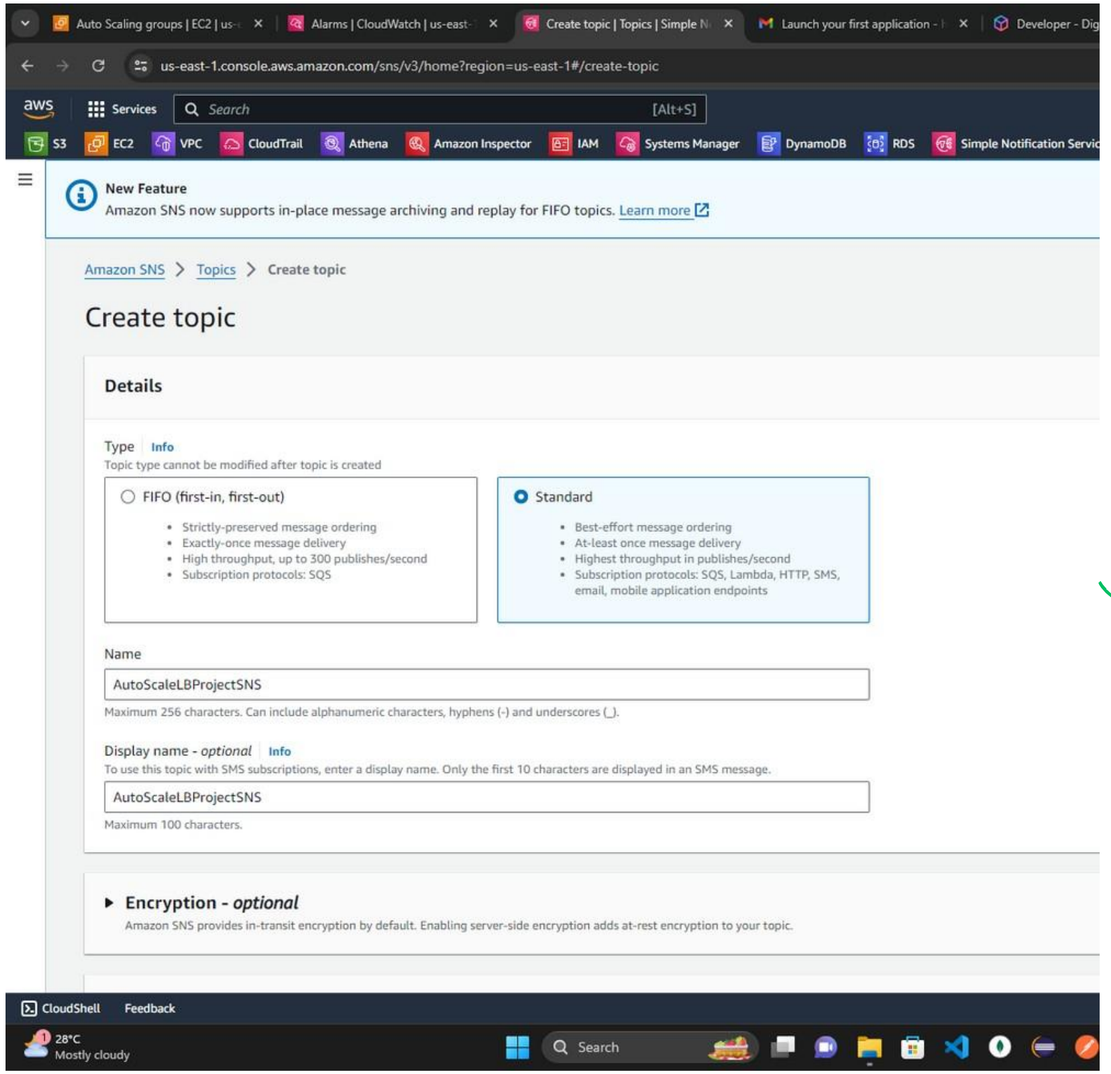
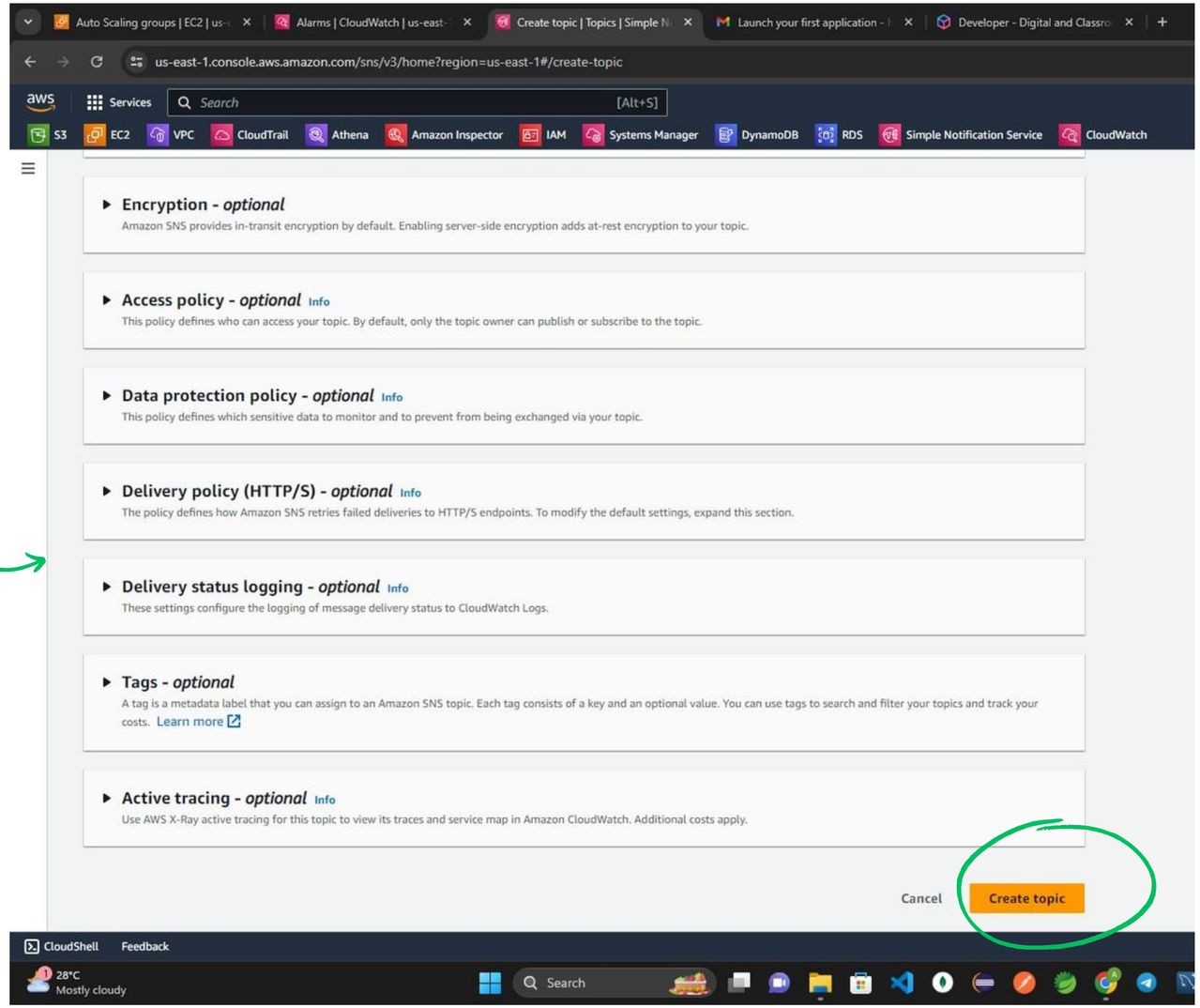
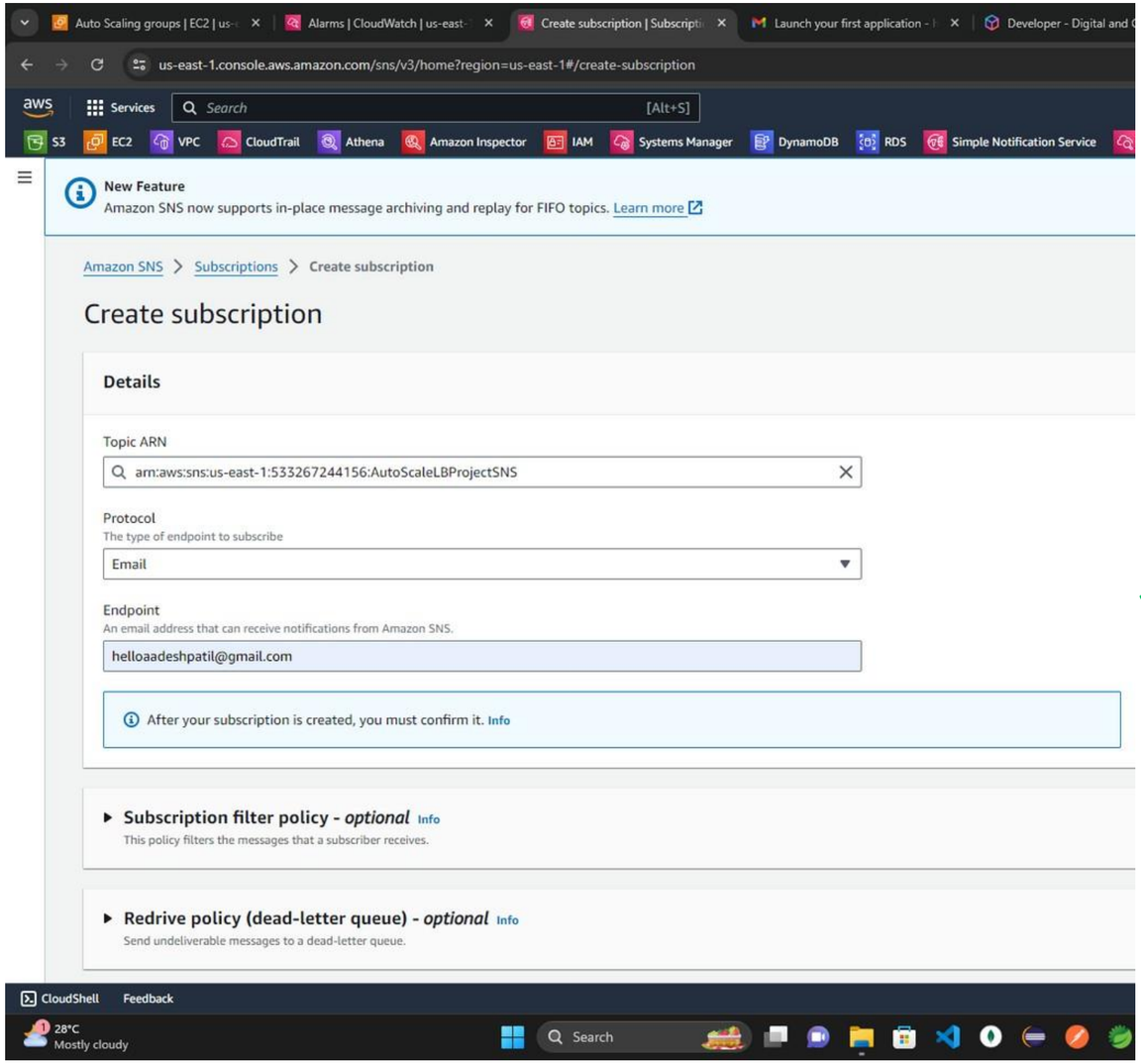
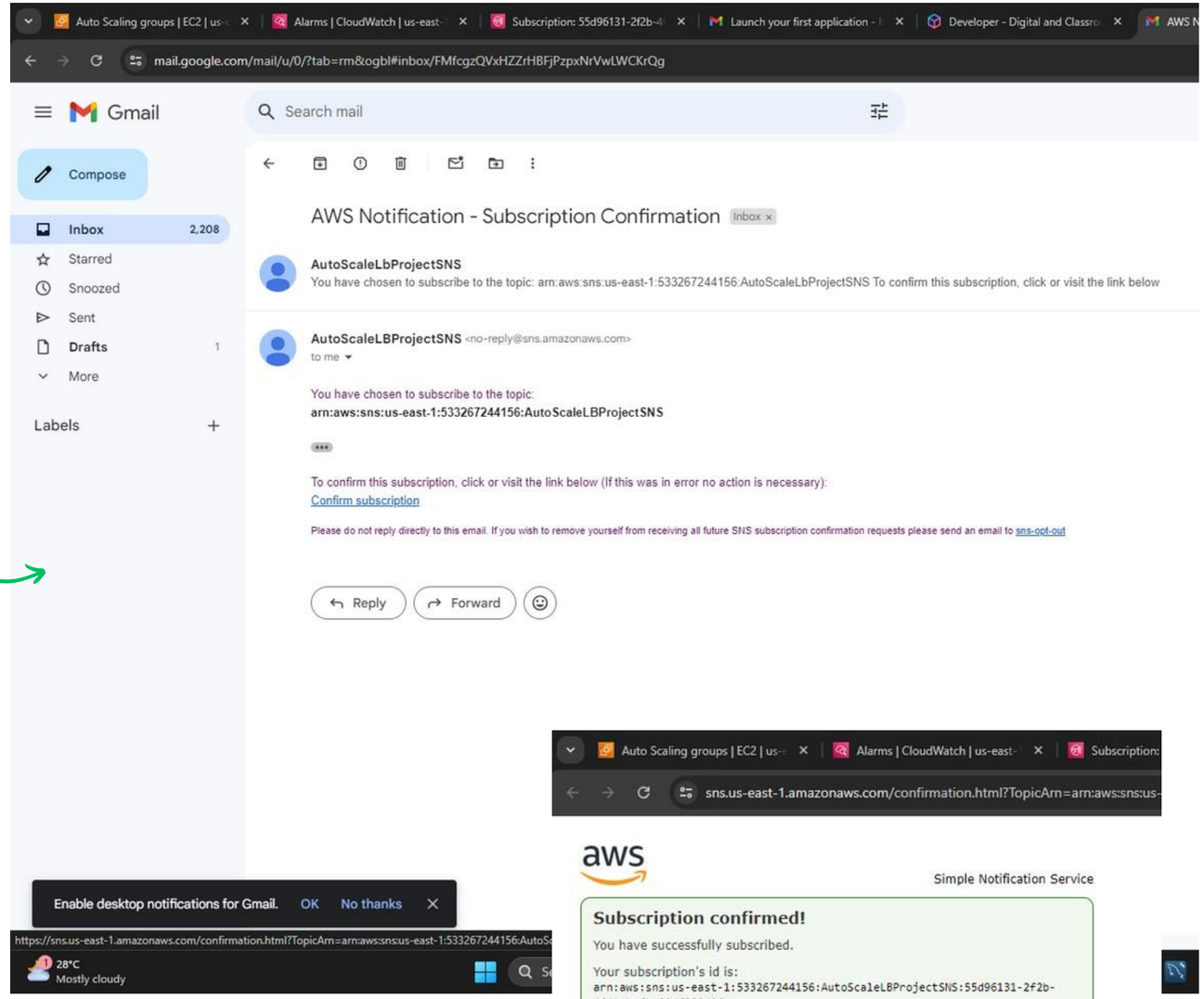


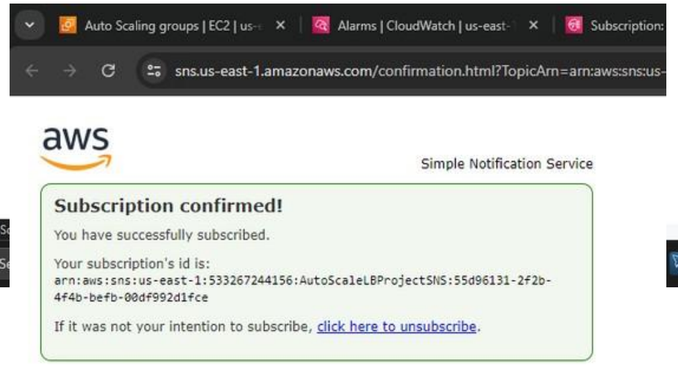


Topic Created successfully...

Step1- Create SNS Topic and Complete Subscription-

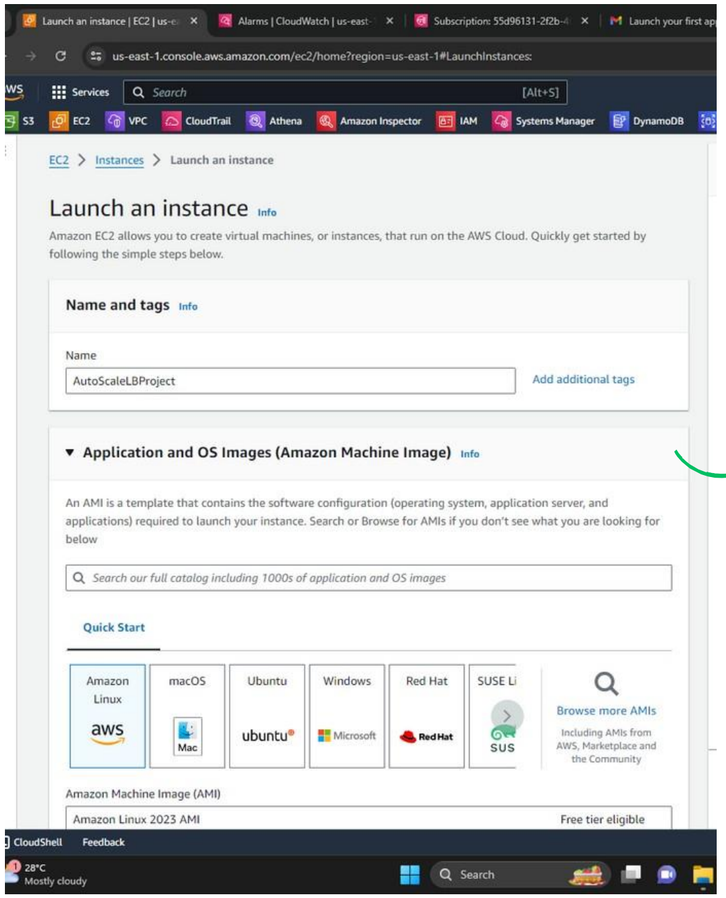


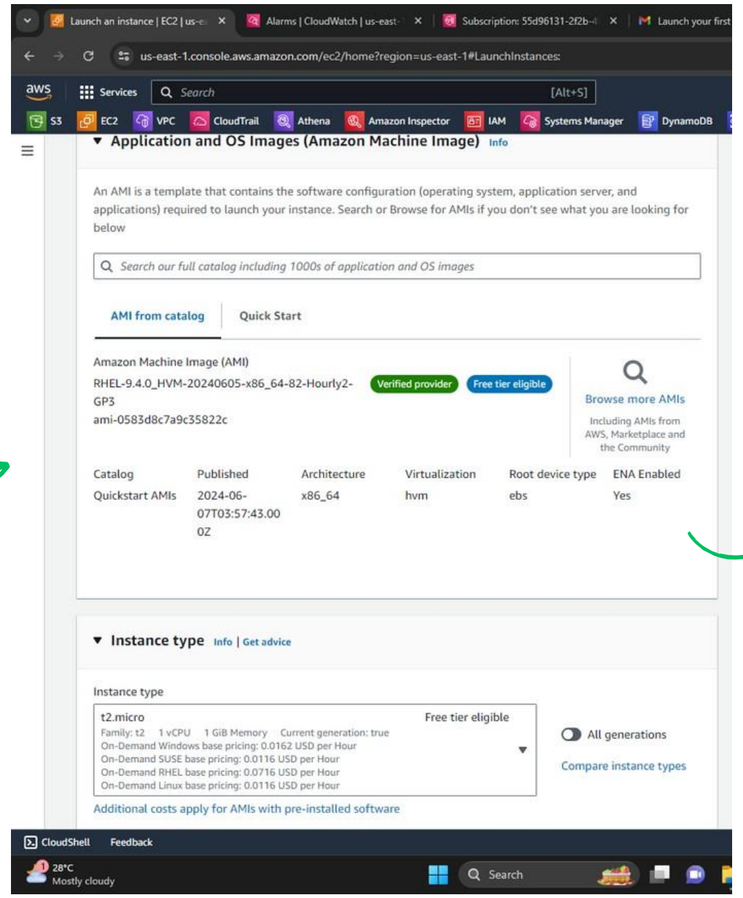


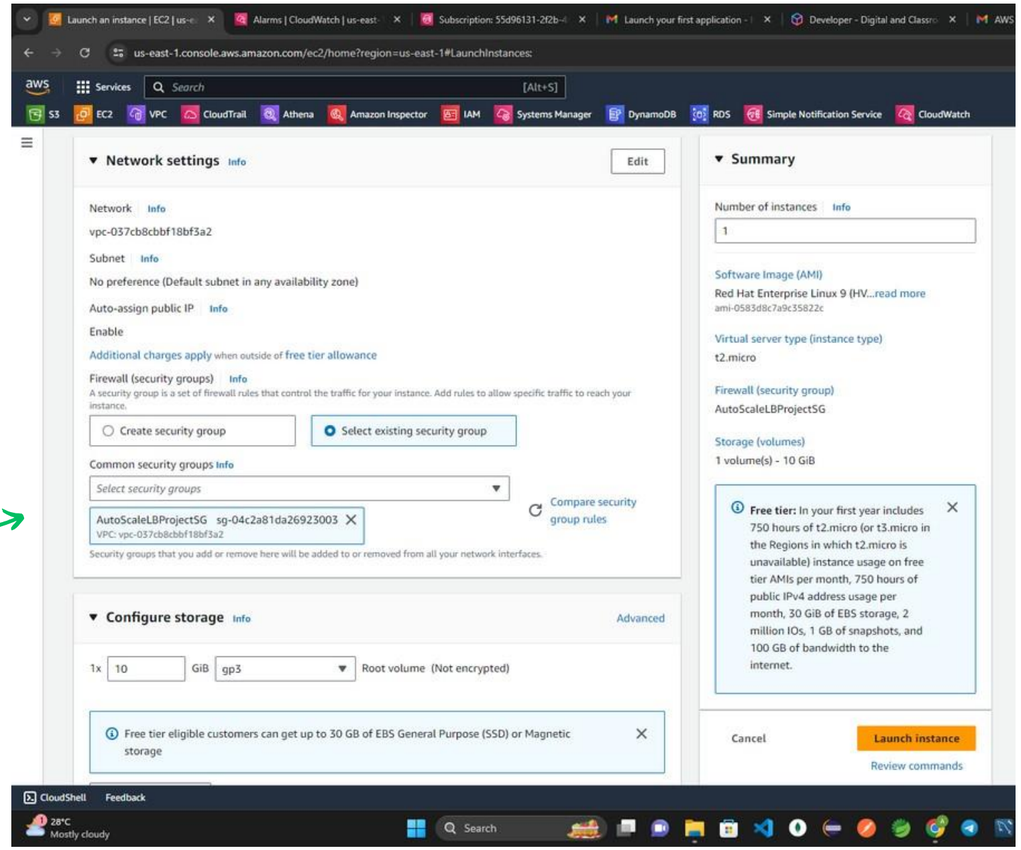


Subscription done successfully...

Step2- Create EC2 Instance-

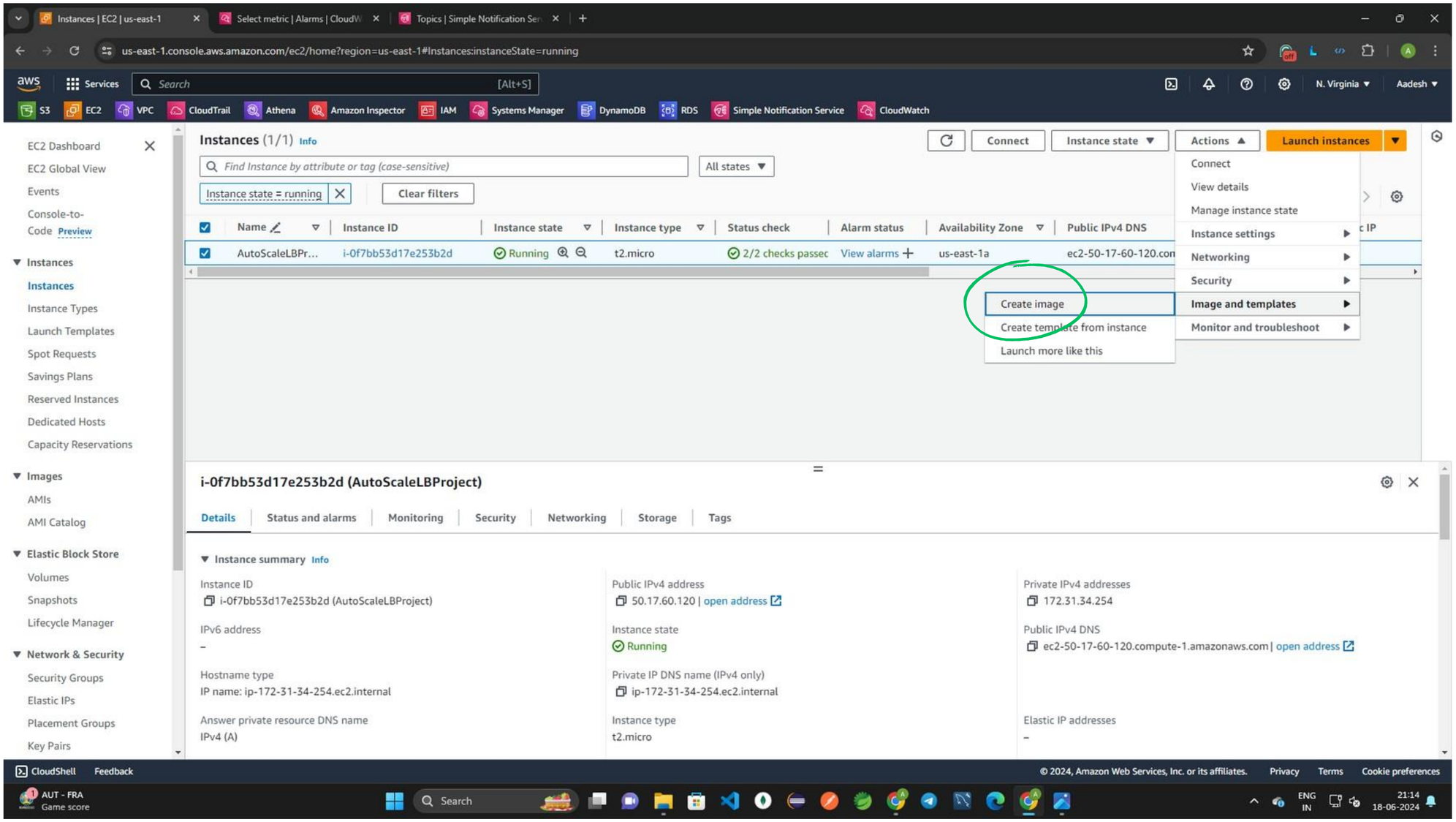






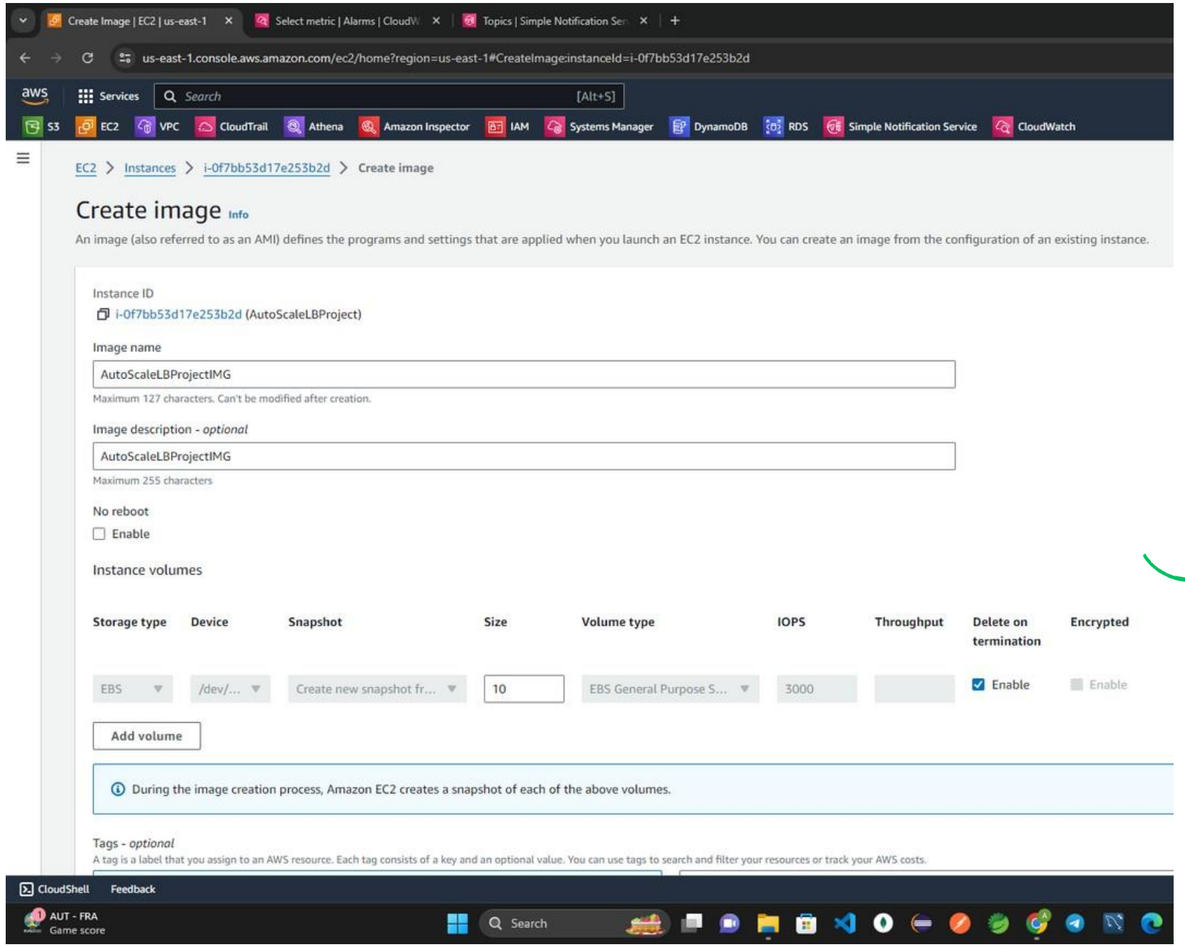
Note -Do EC2 Configuration According to your purpose and create an EC2 Instance

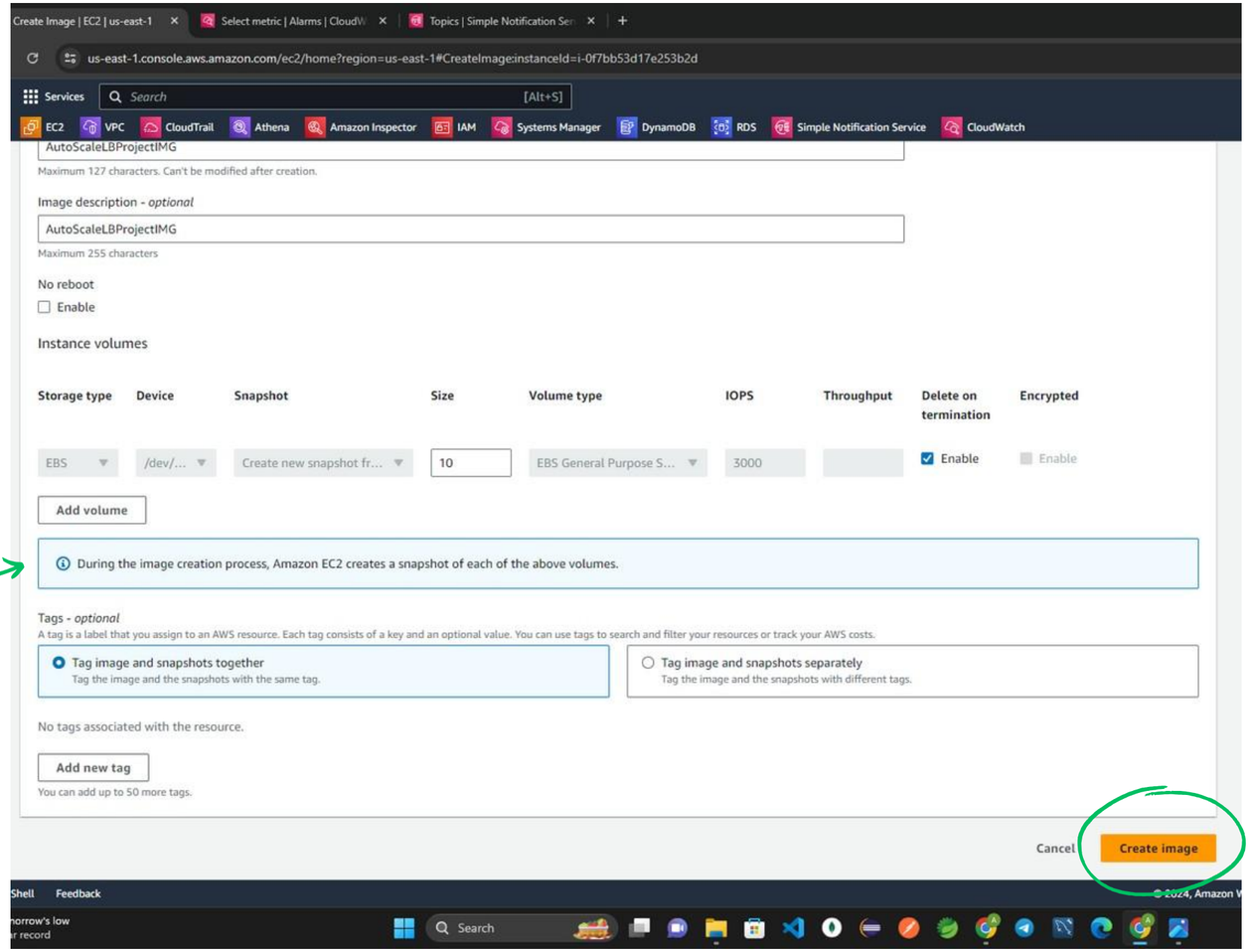
Step3- Create Image of EC2 Instance-



Note - Select EC2 Instance >Actions> Image & Templates >Create Image

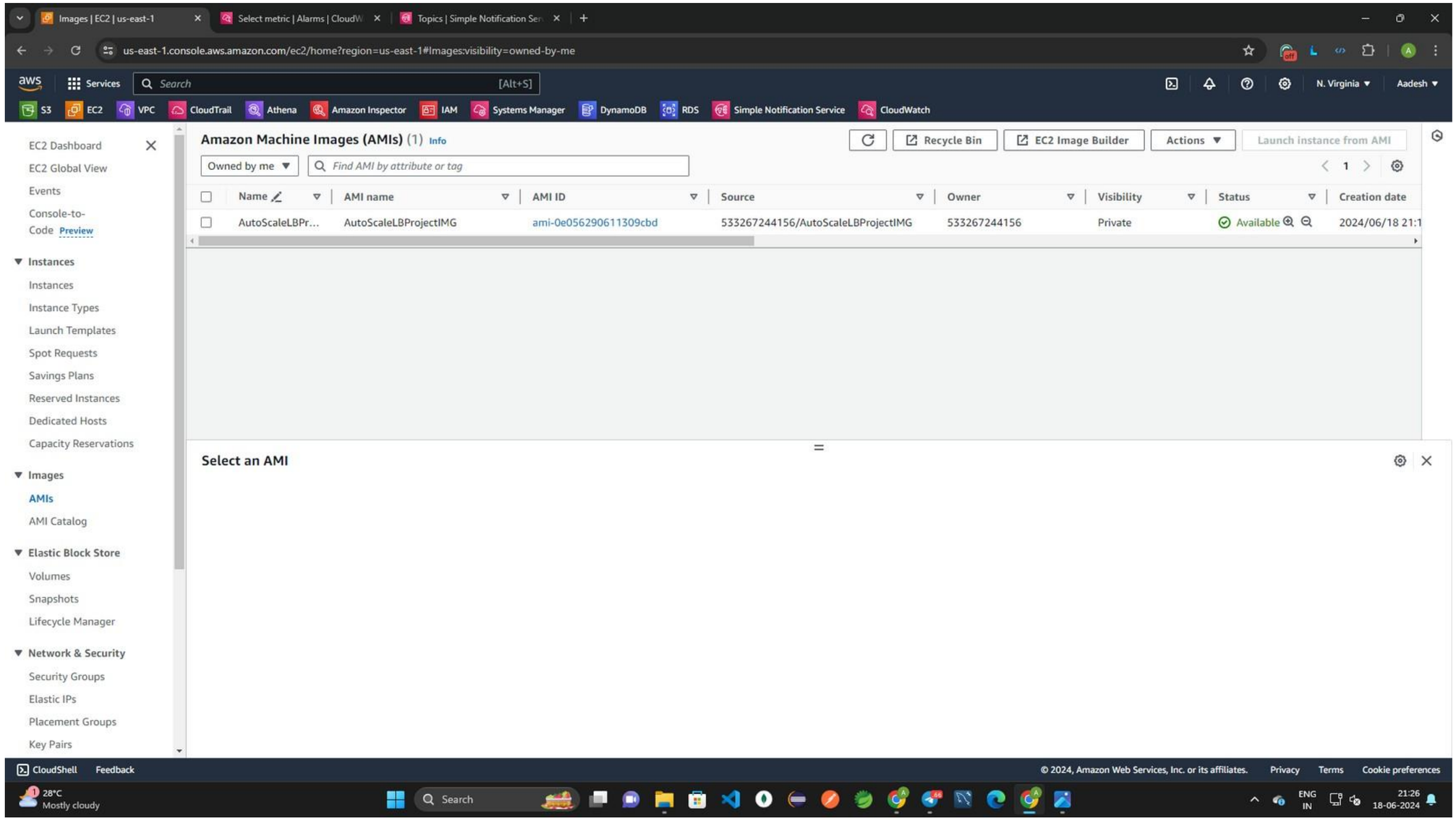
Step3- Create Image of EC2 Instance-





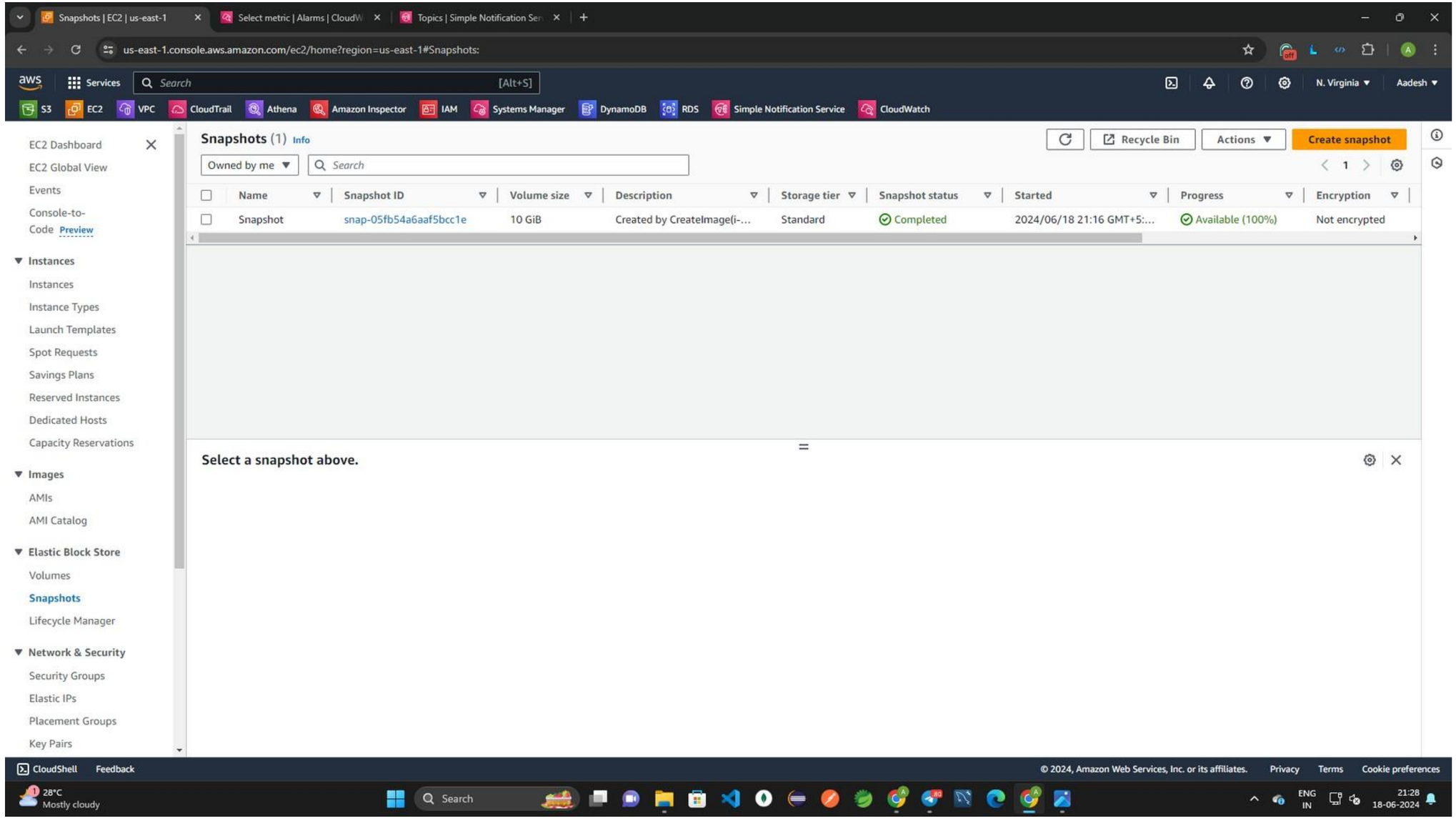
Note -Do Configuration According to your purpose and create an Image of EC2 Instance

AMI(Amazon Machine Image) Created successfully...



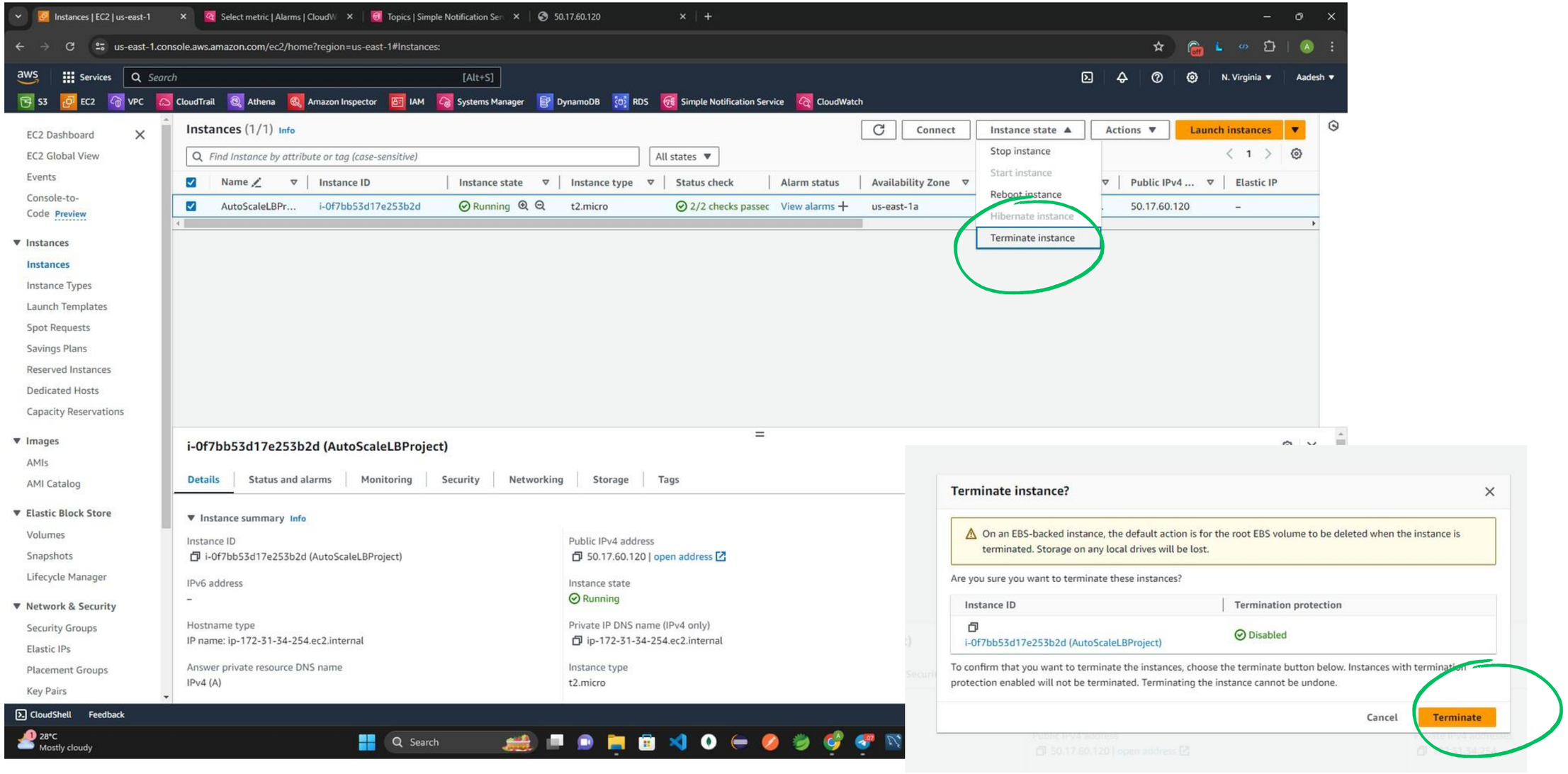
Note –AMI (Amazon Machine Image) Created Successfully...

Snapshot Created Successfully-

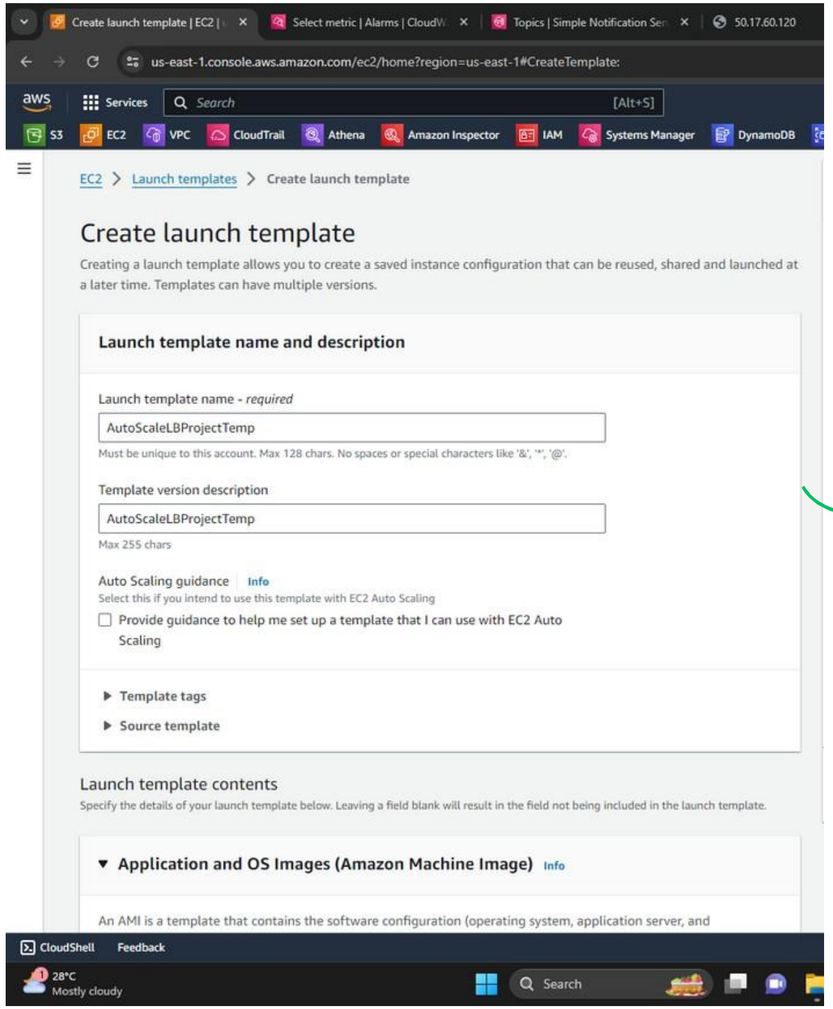


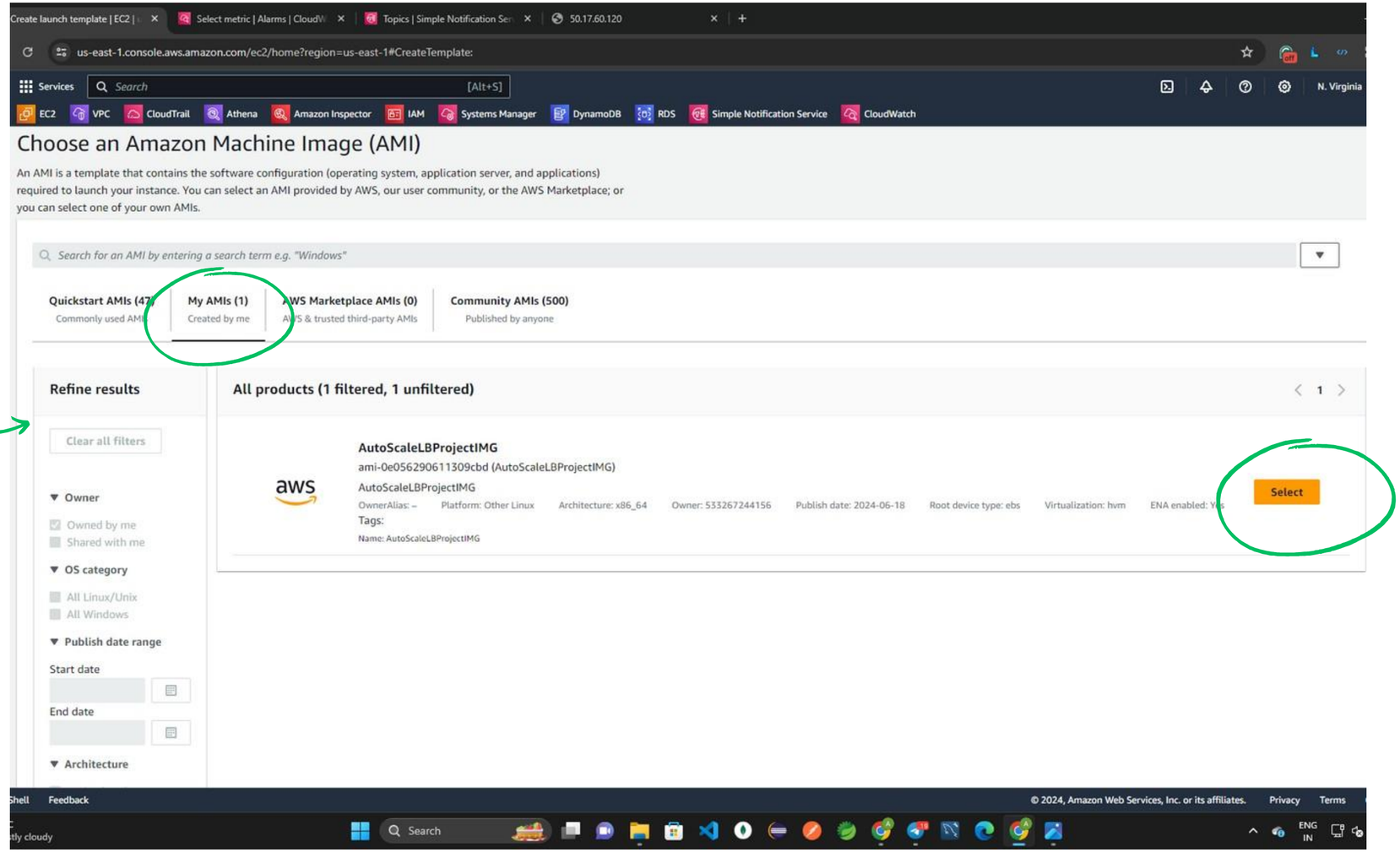
Note -Snapshots Created Successfully...

Step4- Terminate EC2 Instance-



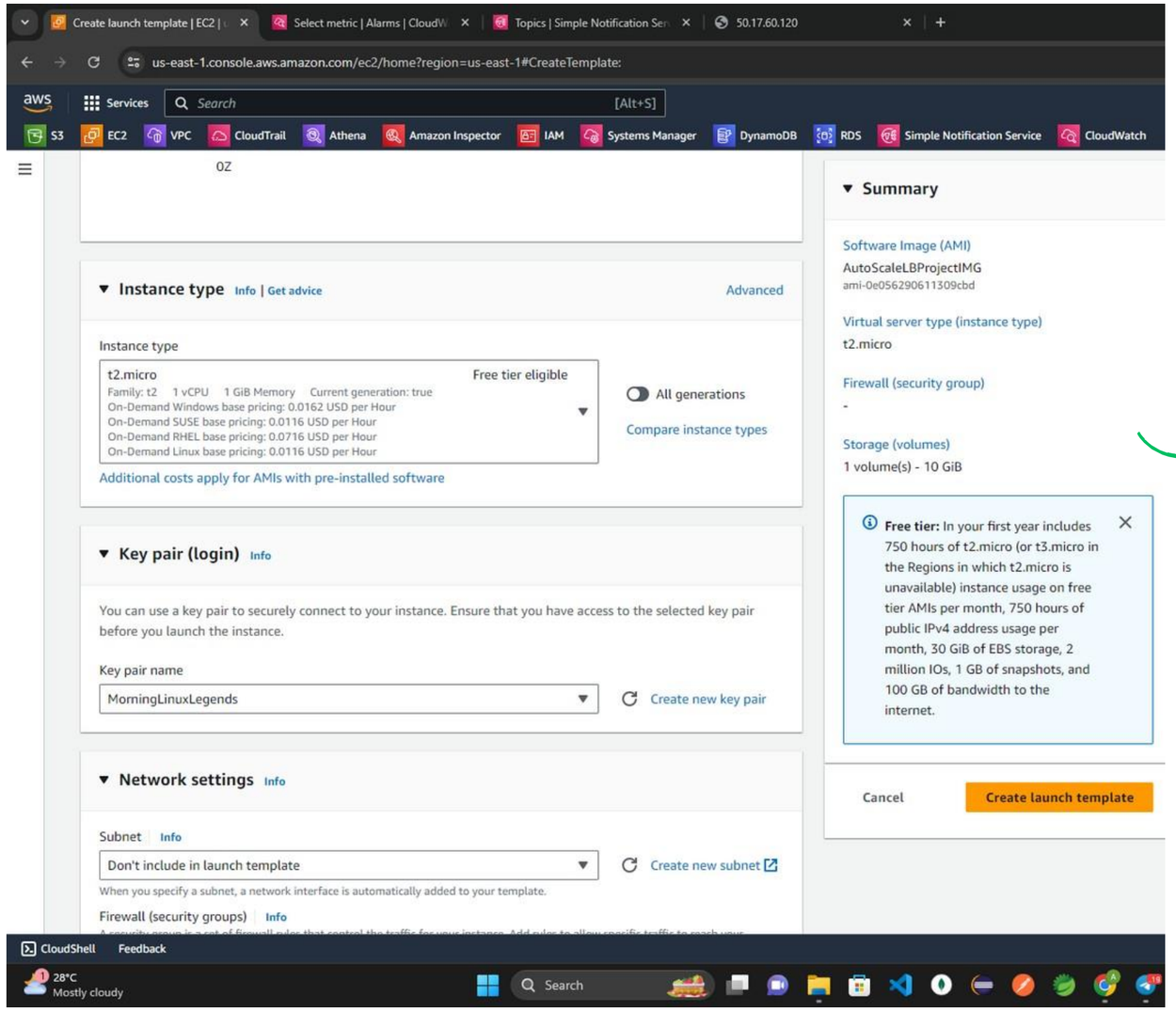
Step5 -Create Launch Template-

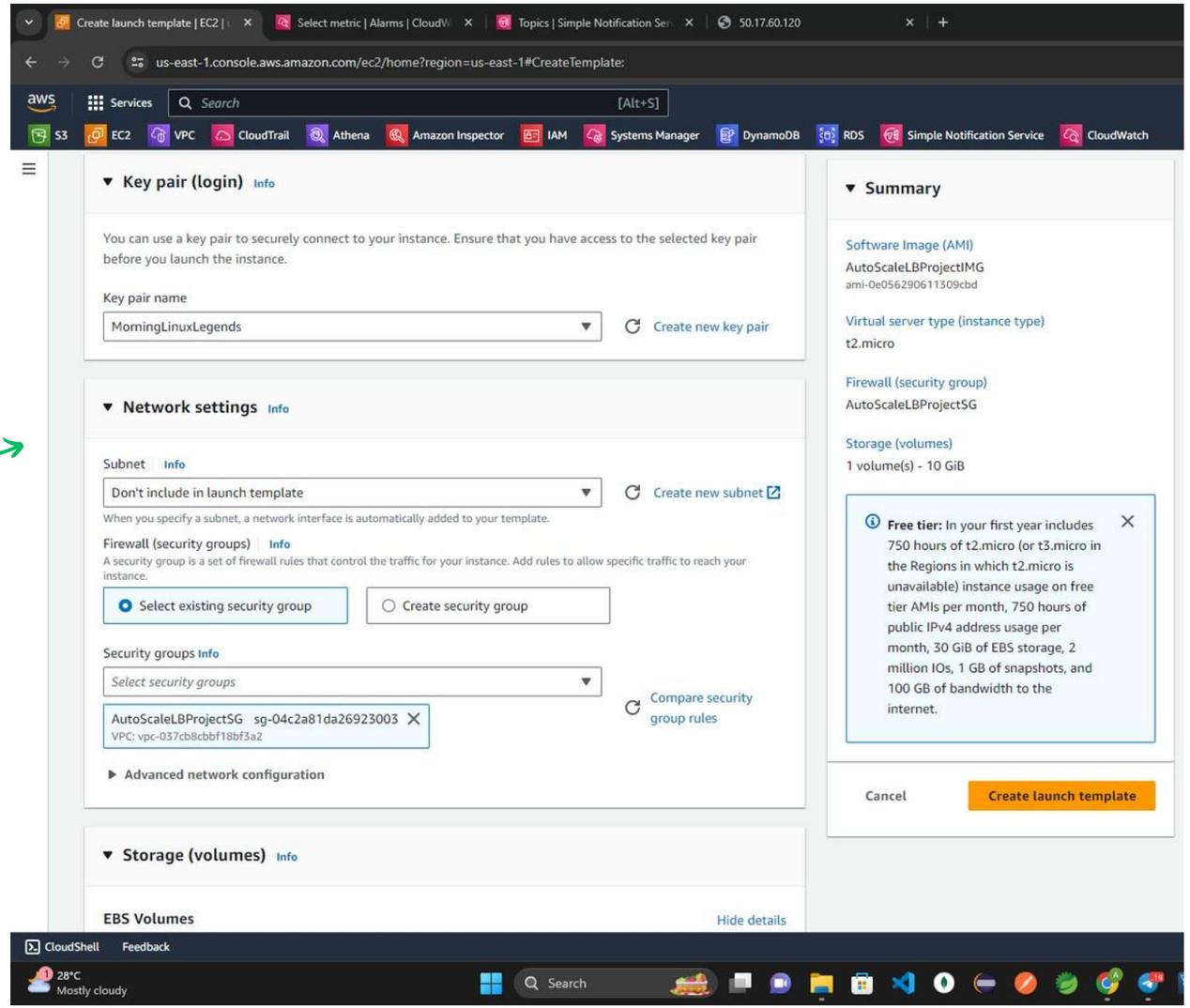




Note -Create launch template according to your requirements...

Step5 -Create Launch Template-





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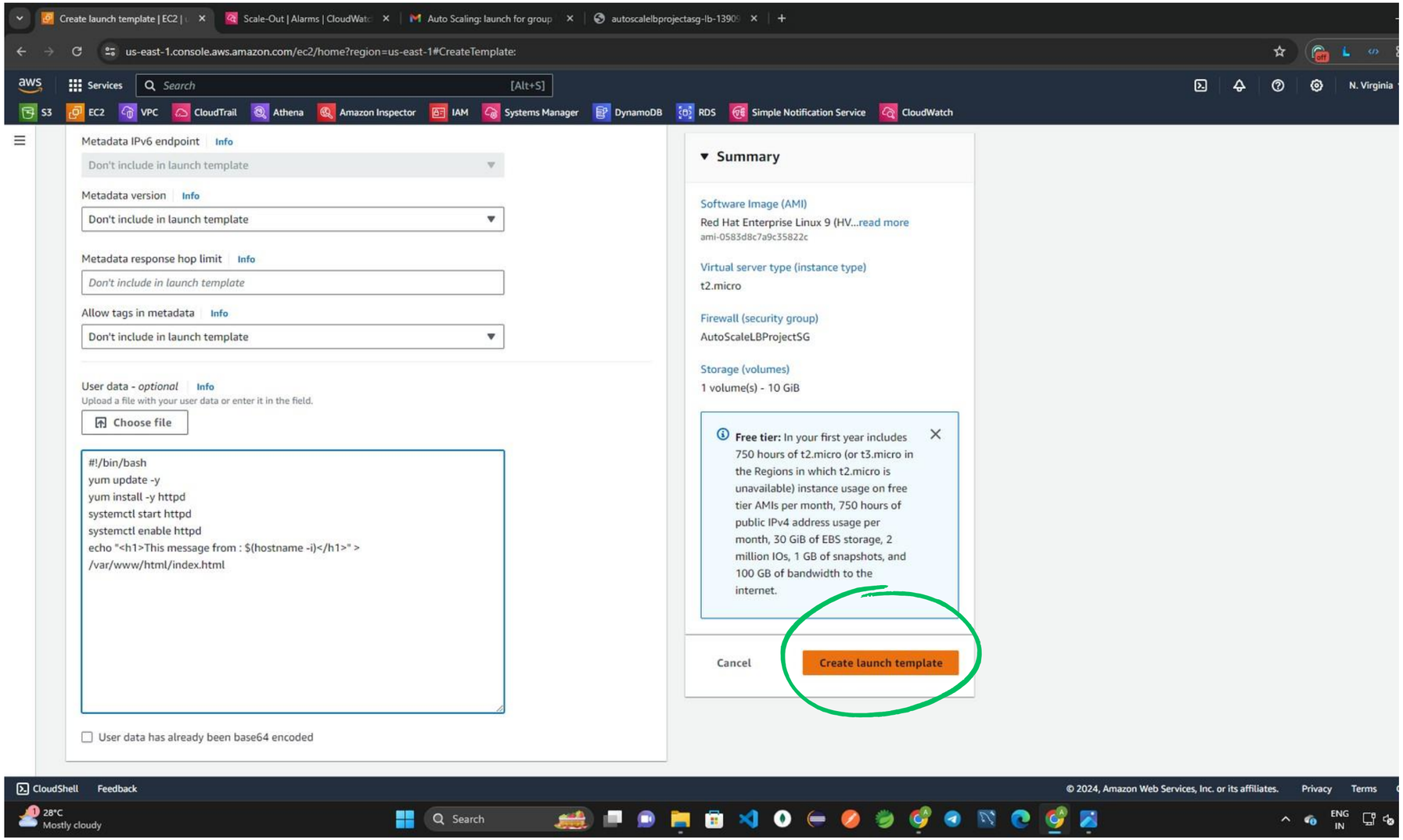
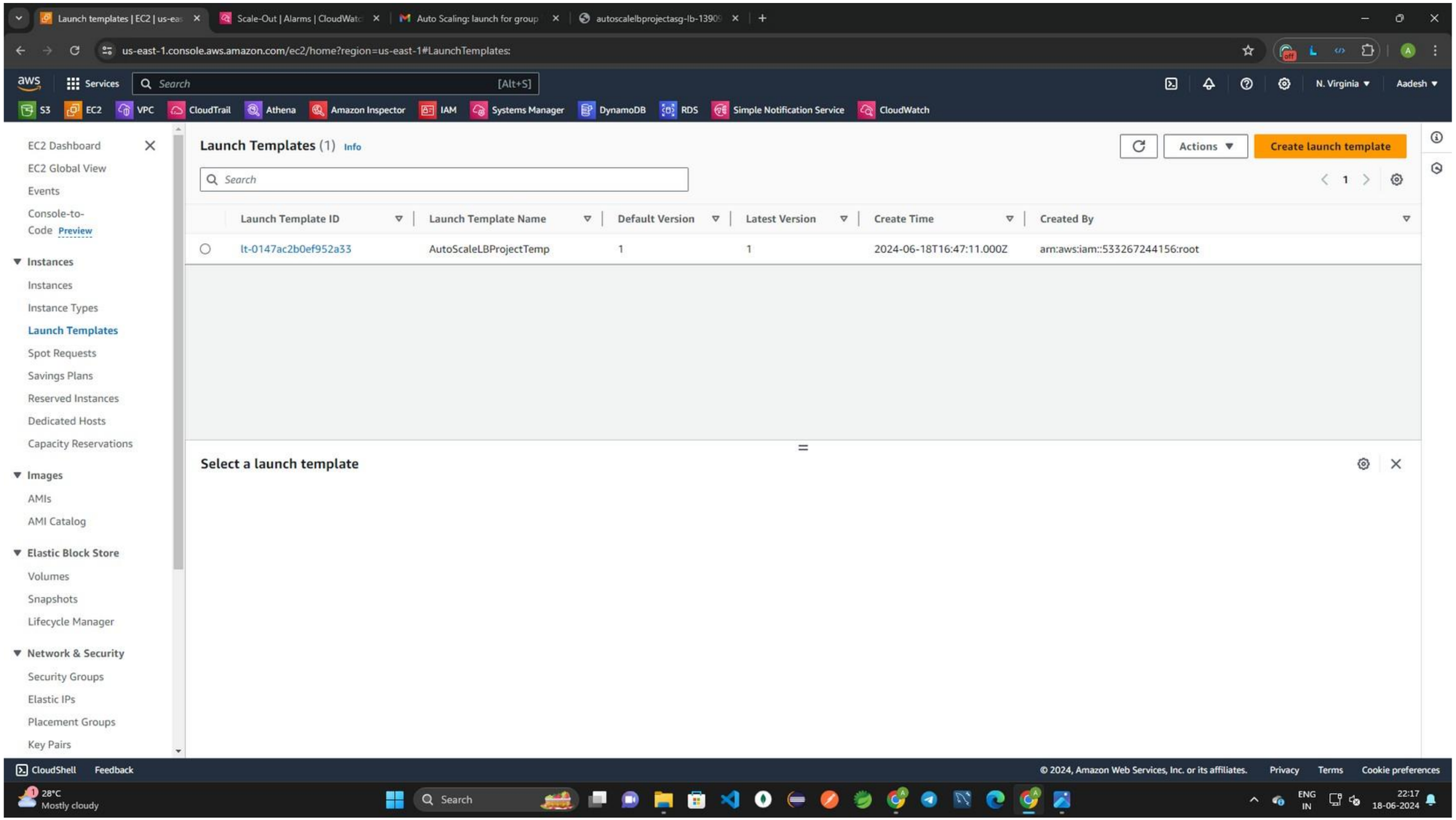


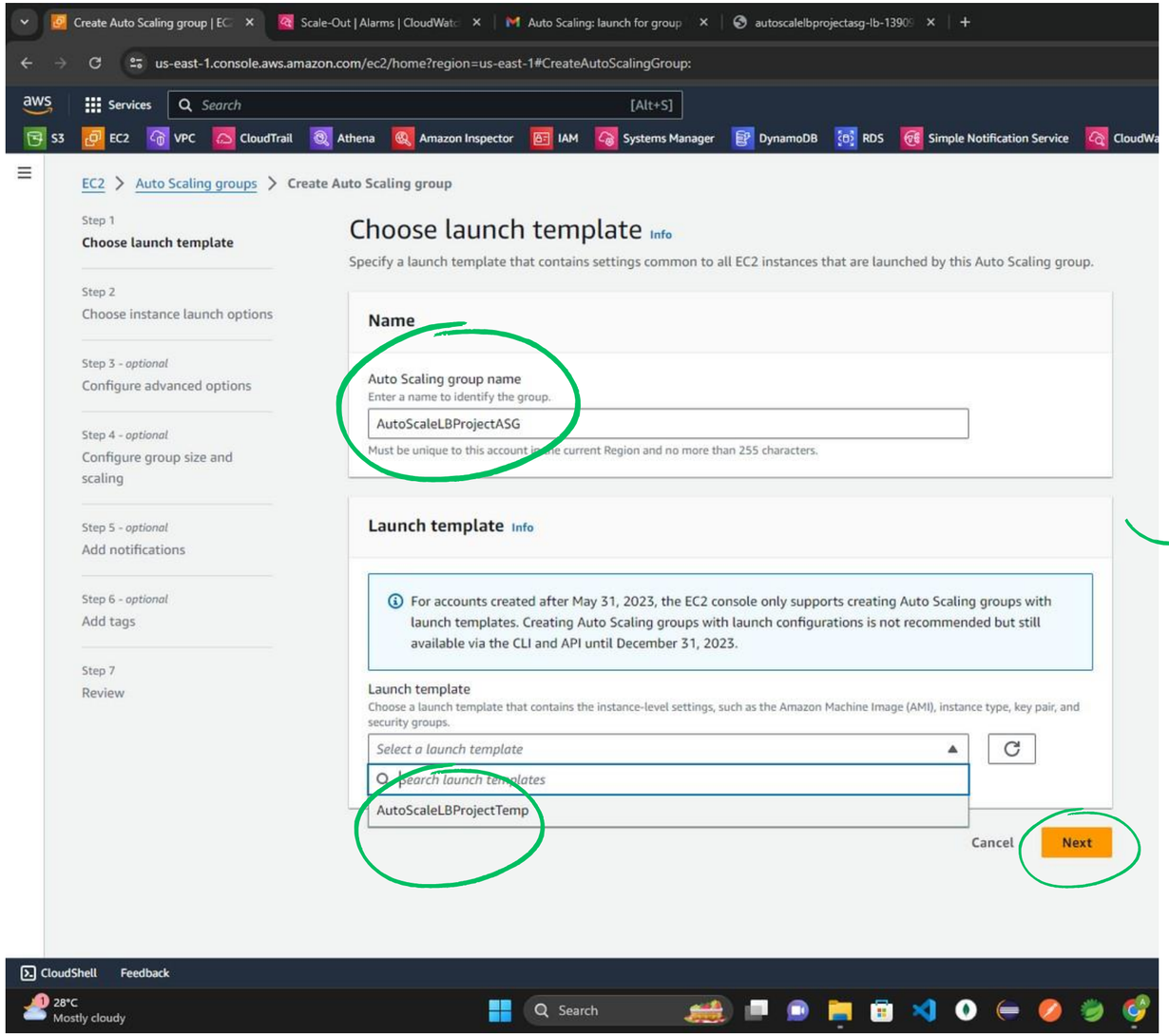
Advance Details >Write Bash Script to verify in which server we are currently...

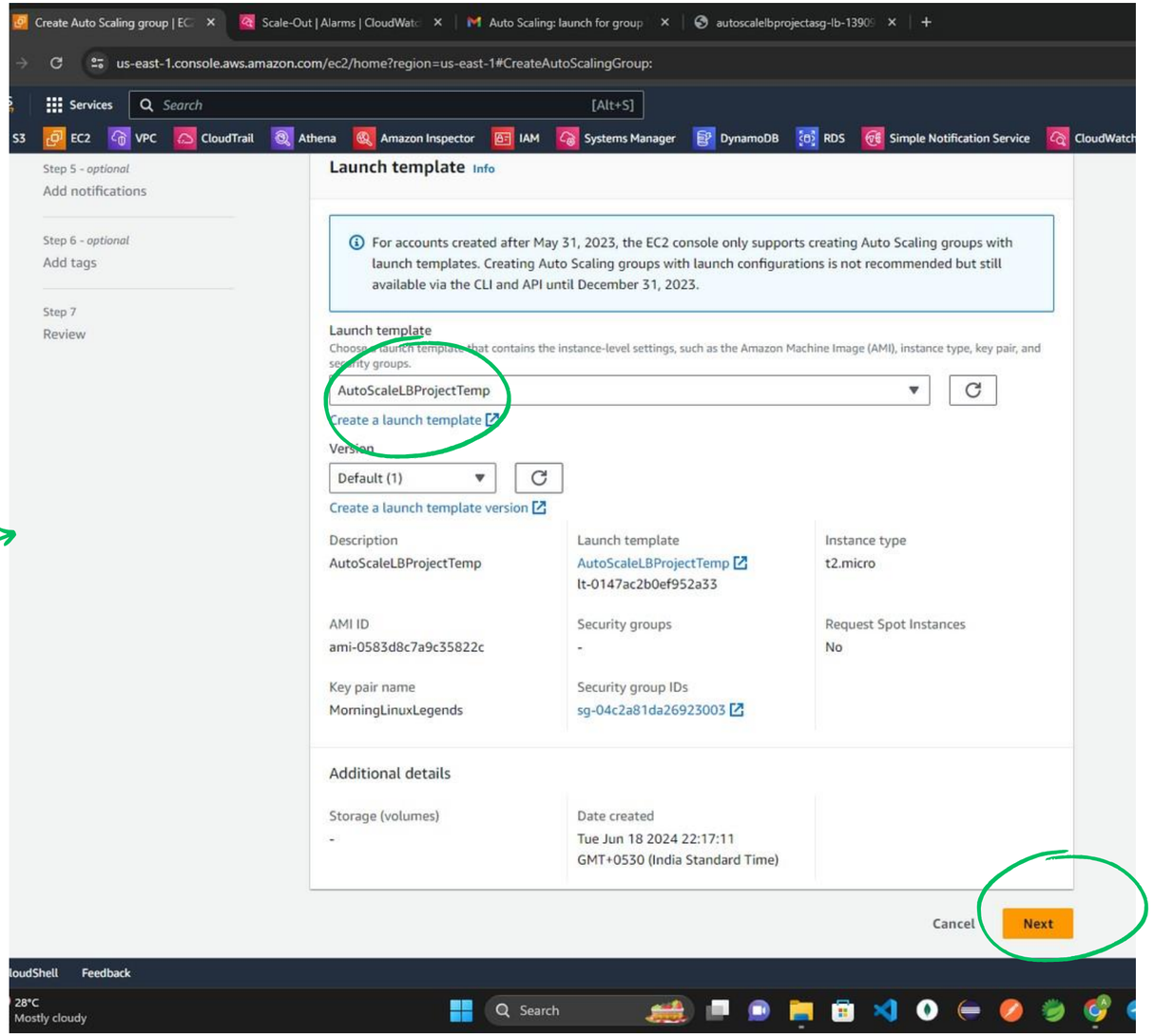
Note - In real life we give content of our webapp/website. Here, we are using Bash Script to verify in which server we are currently present.

Launch Template Created Successfully...



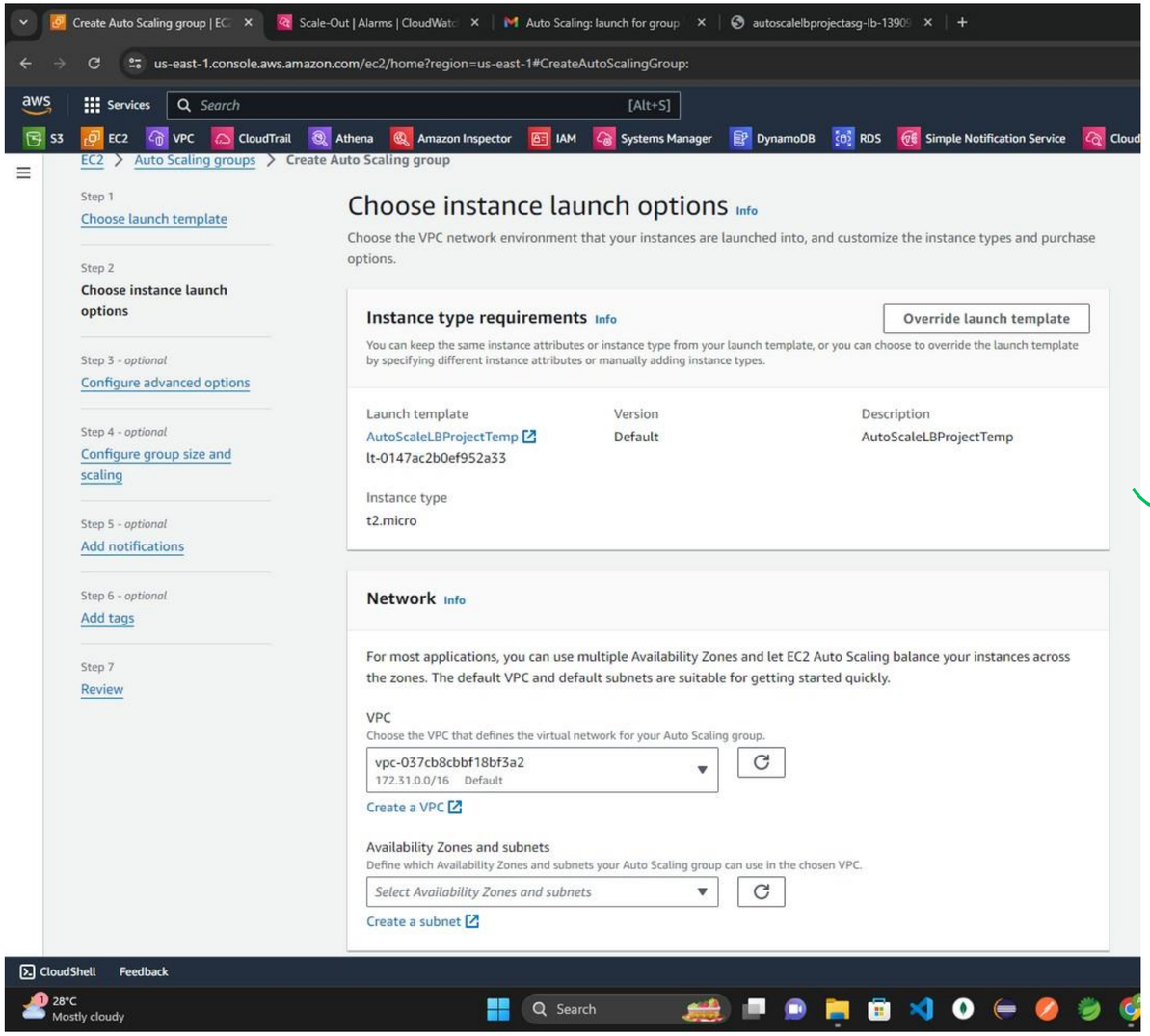
Step6 - Create Auto Scaling Groups, Target Groups and Load Balancer-

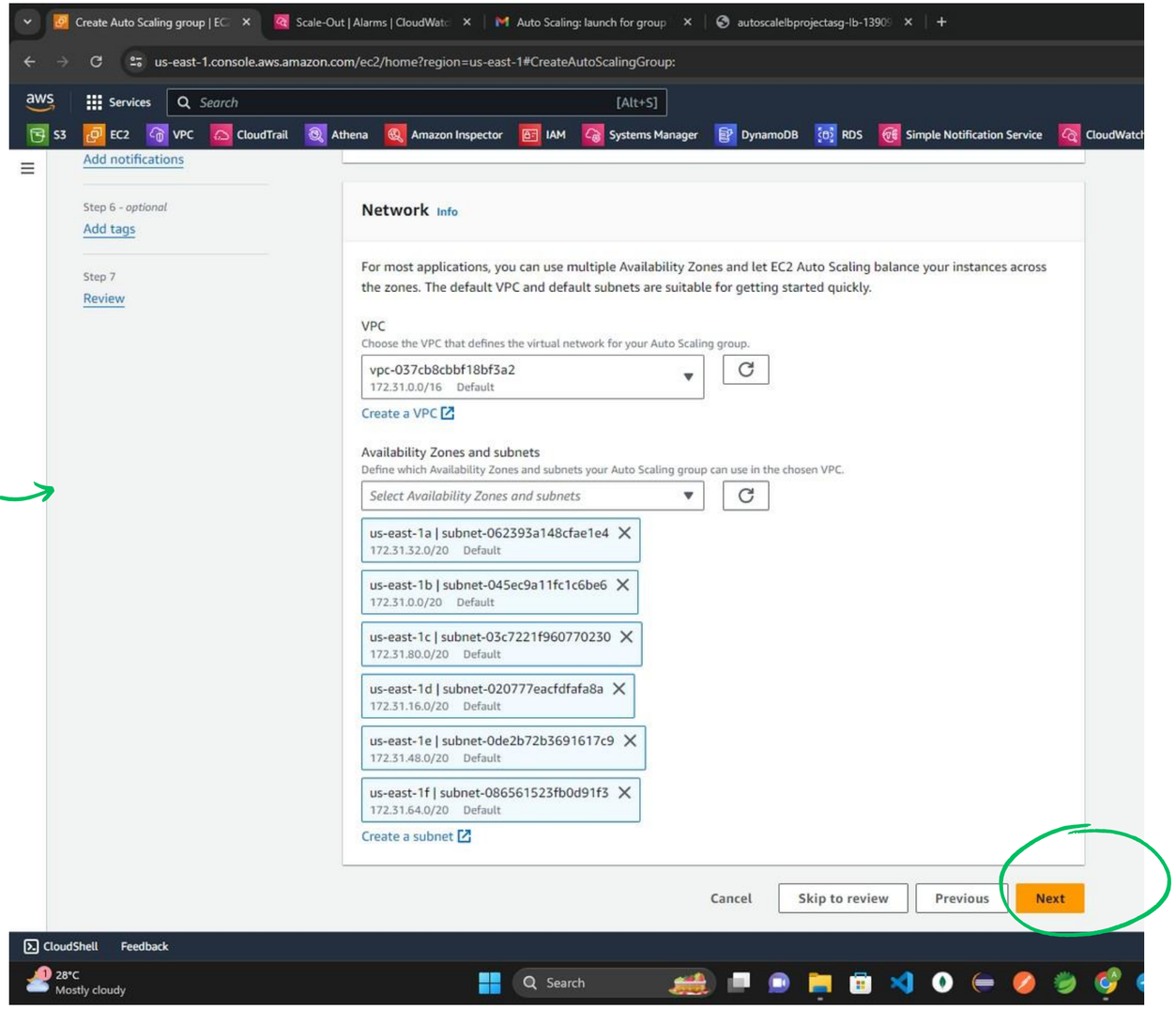




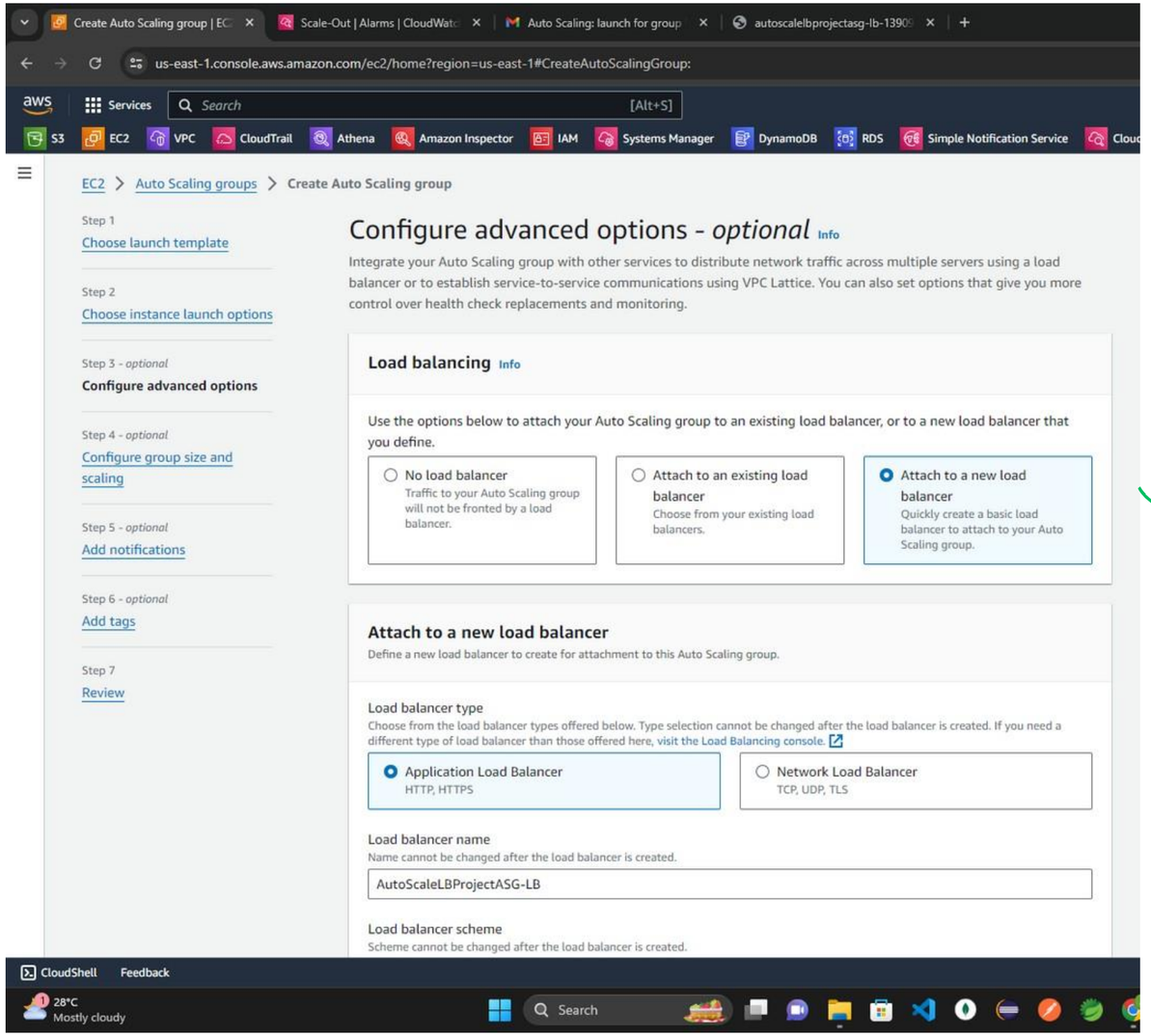
Note -Select launch template we created previously, or you can create new also...

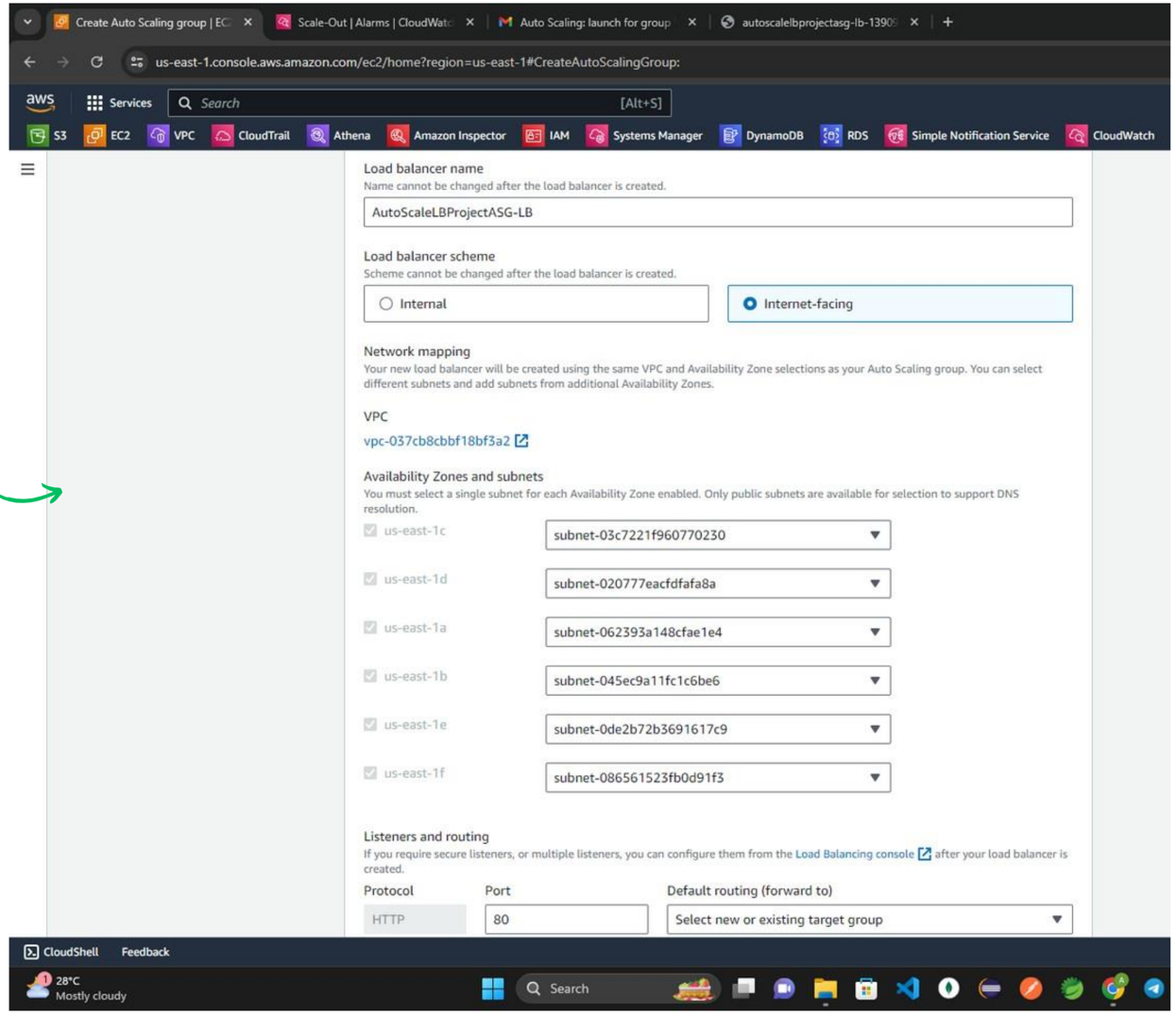
Step6 - Create Auto Scaling Groups, Target Groups and Load Balancer-





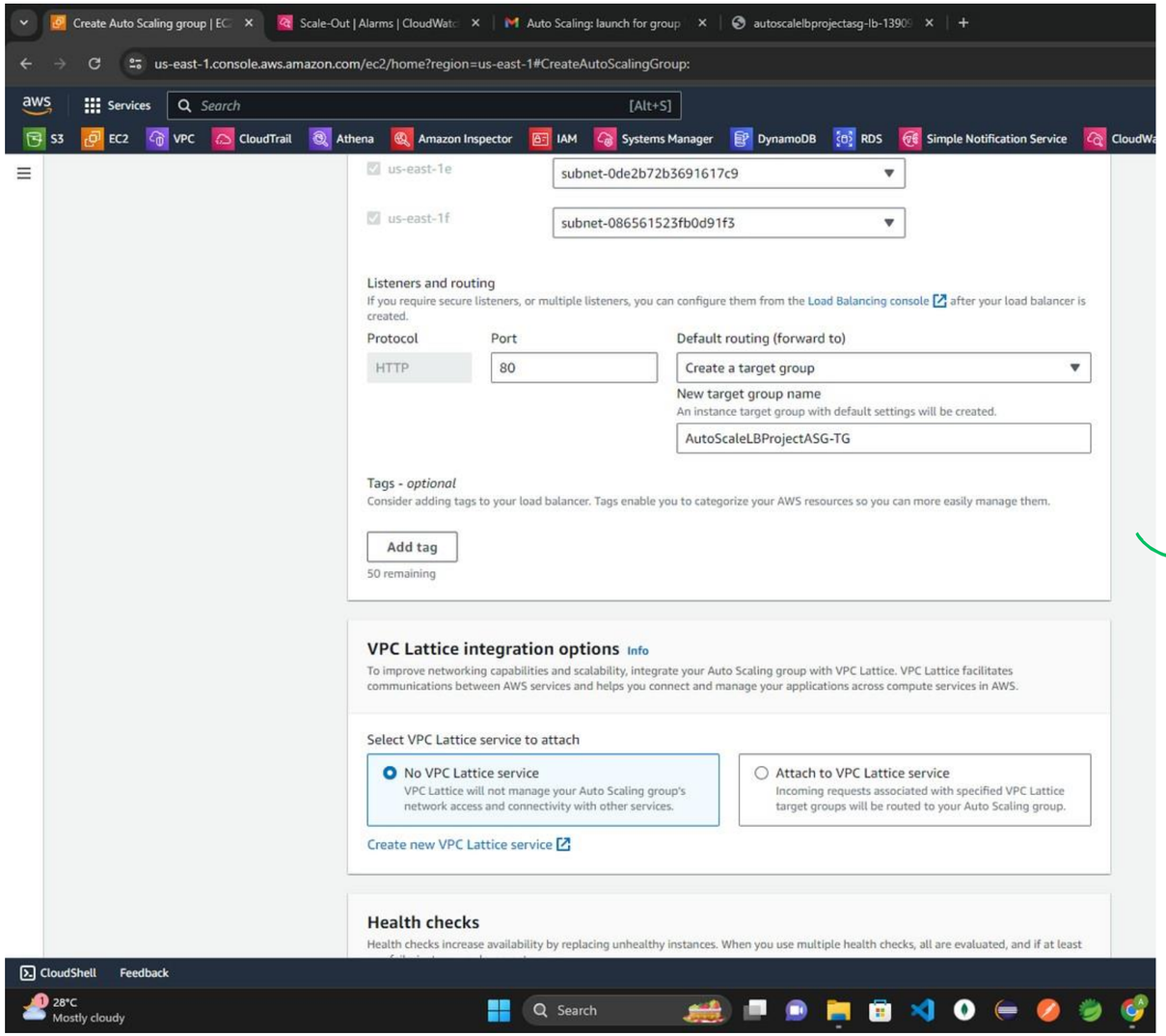
Step6 - Create Auto Scaling Groups, Target Groups and Load Balancer-

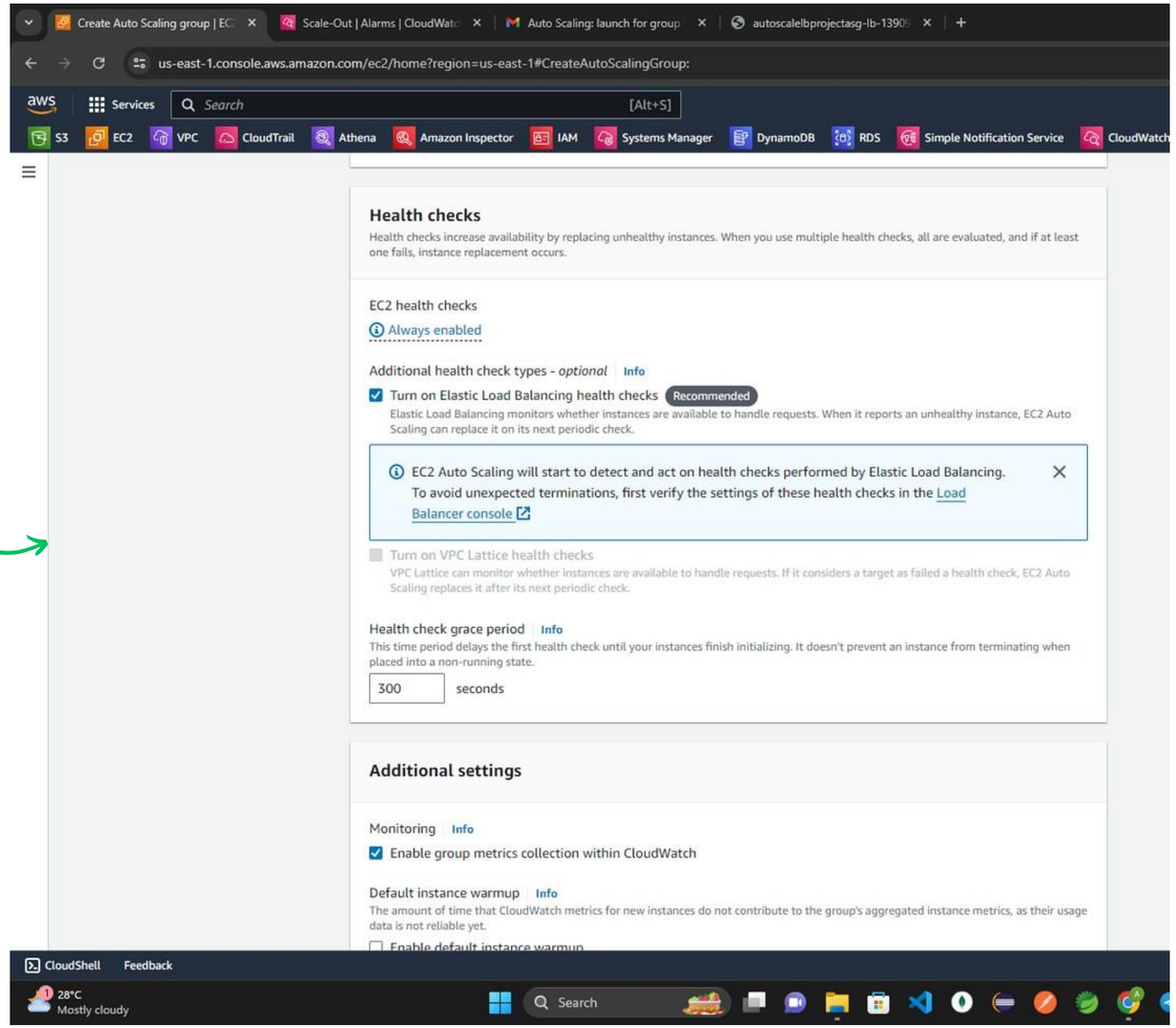




Note - Attach a new load balancer >Application load balancer >Internet facing

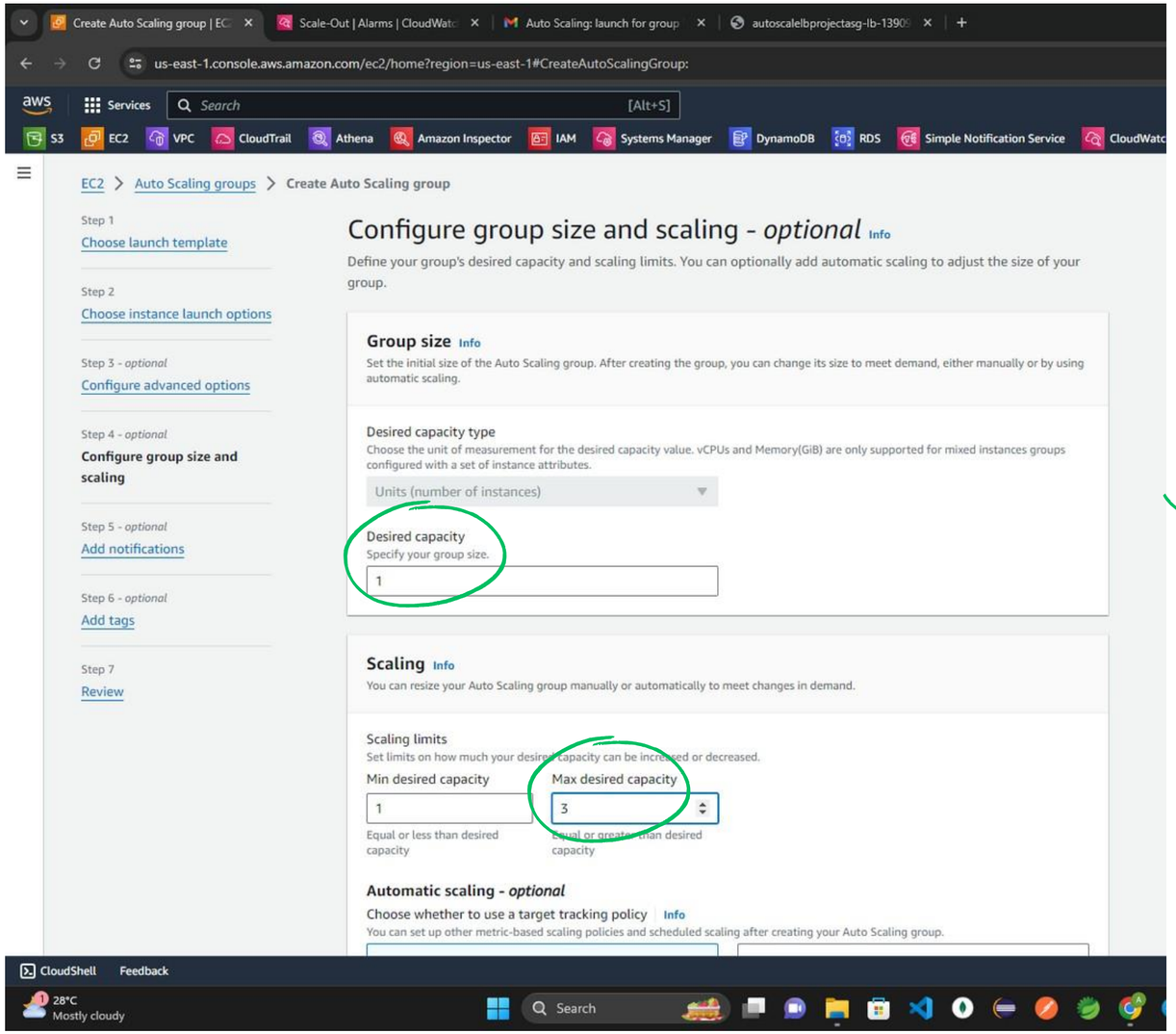
Step6 - Create Auto Scaling Groups, Target Groups and Load Balancer-

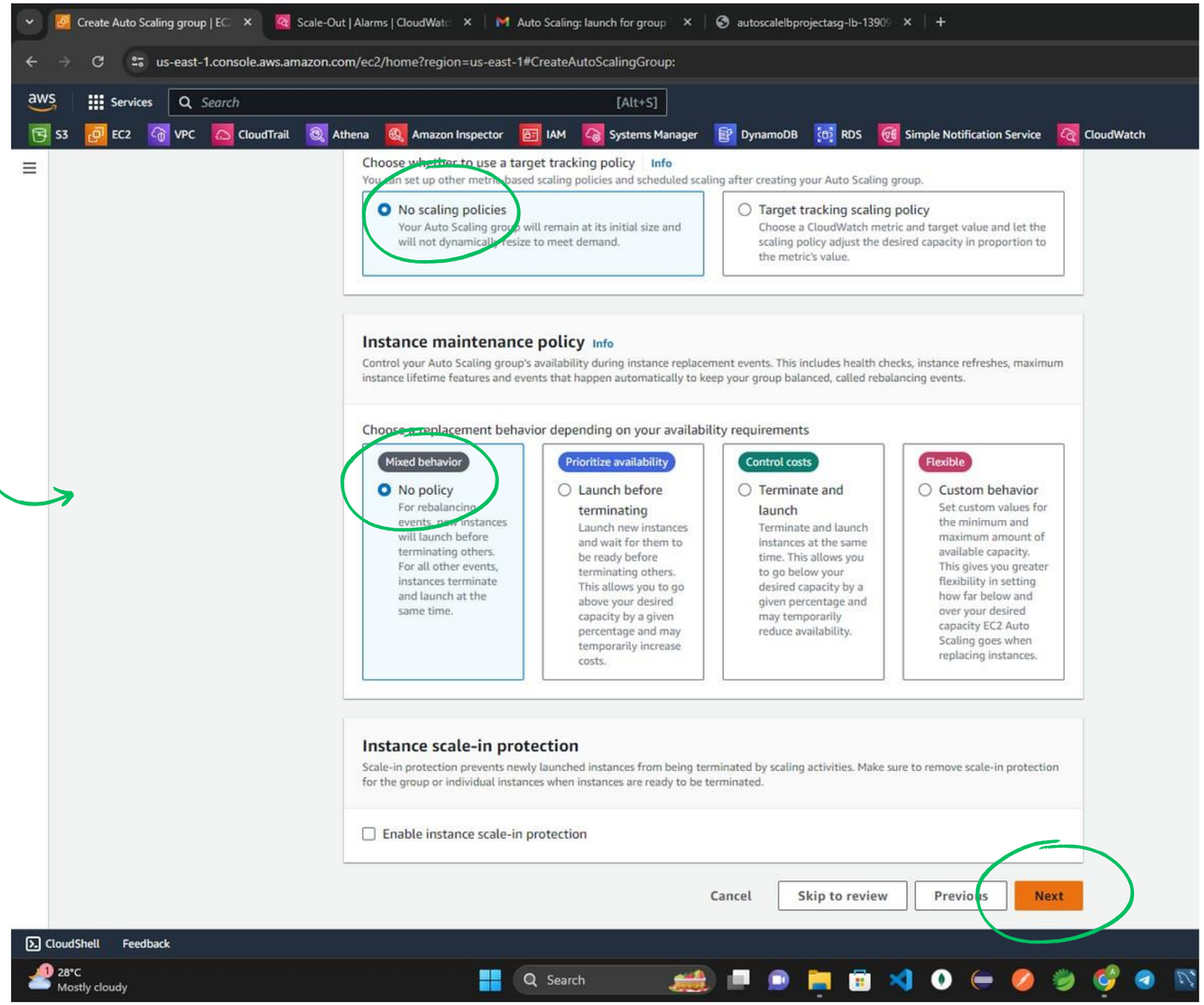




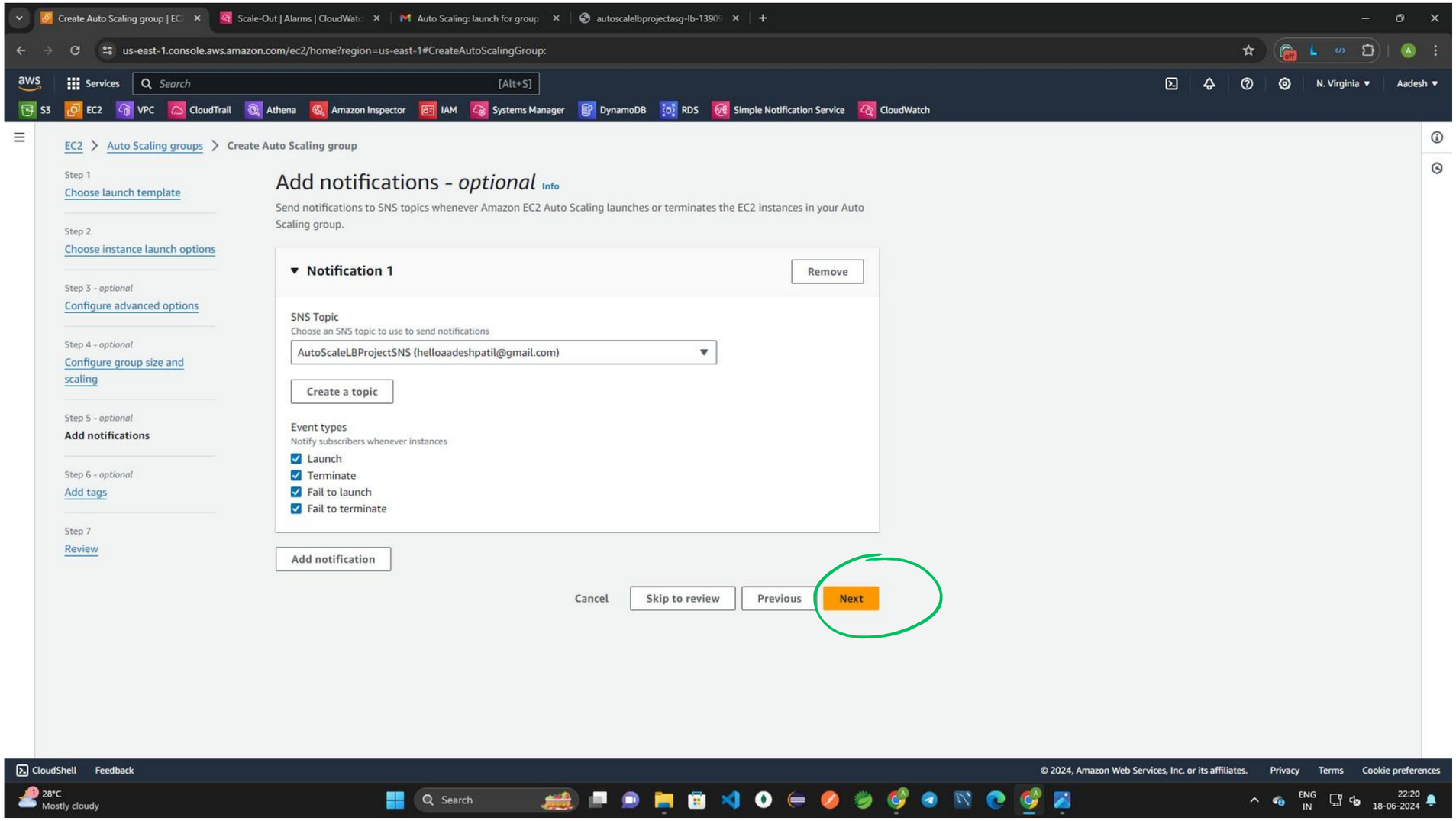
Note - Create a target group (creates a target group automatically). We can select existing target groups also.

Step6 - Create Auto Scaling Groups, Target Groups and Load Balancer-

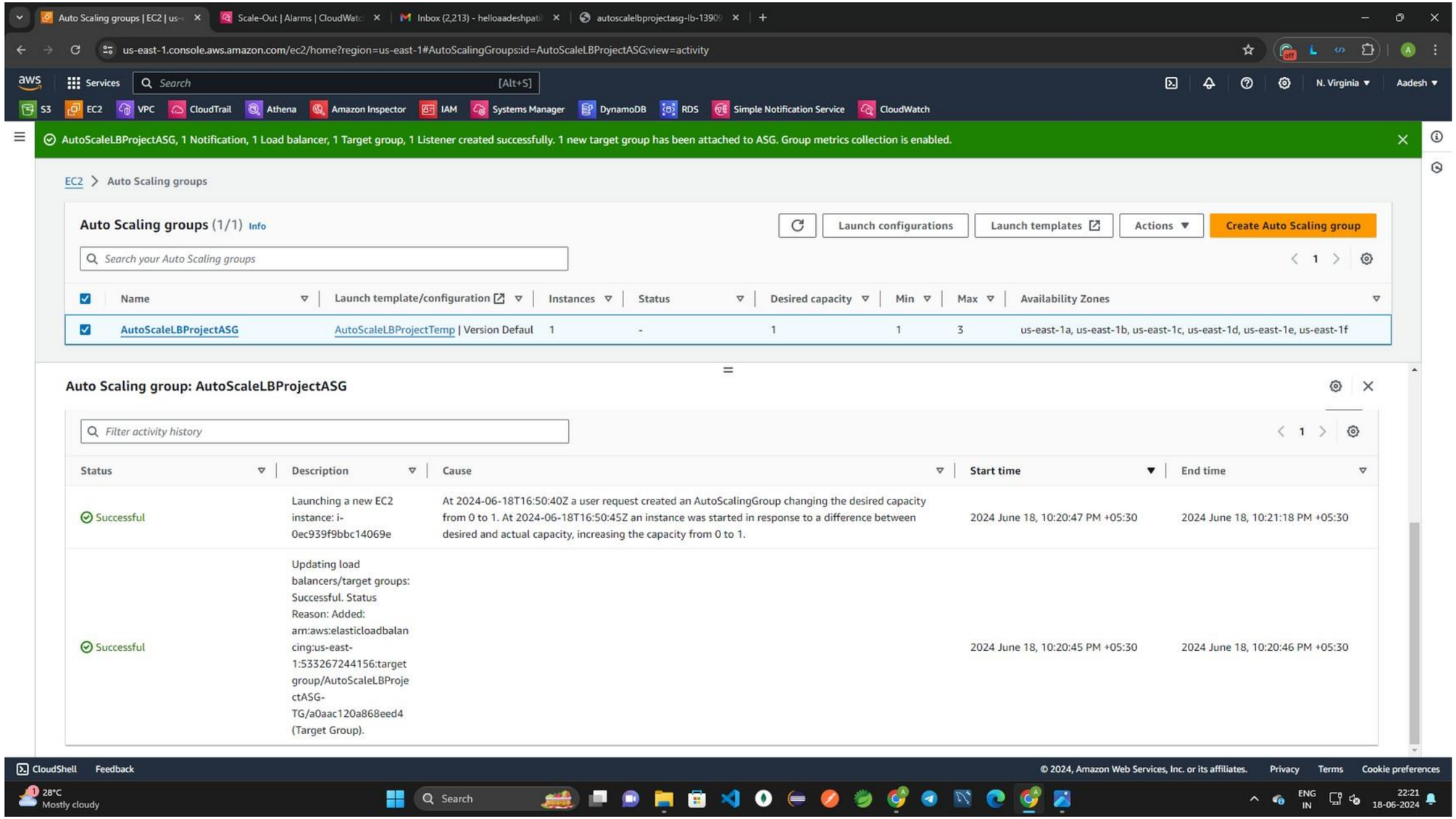




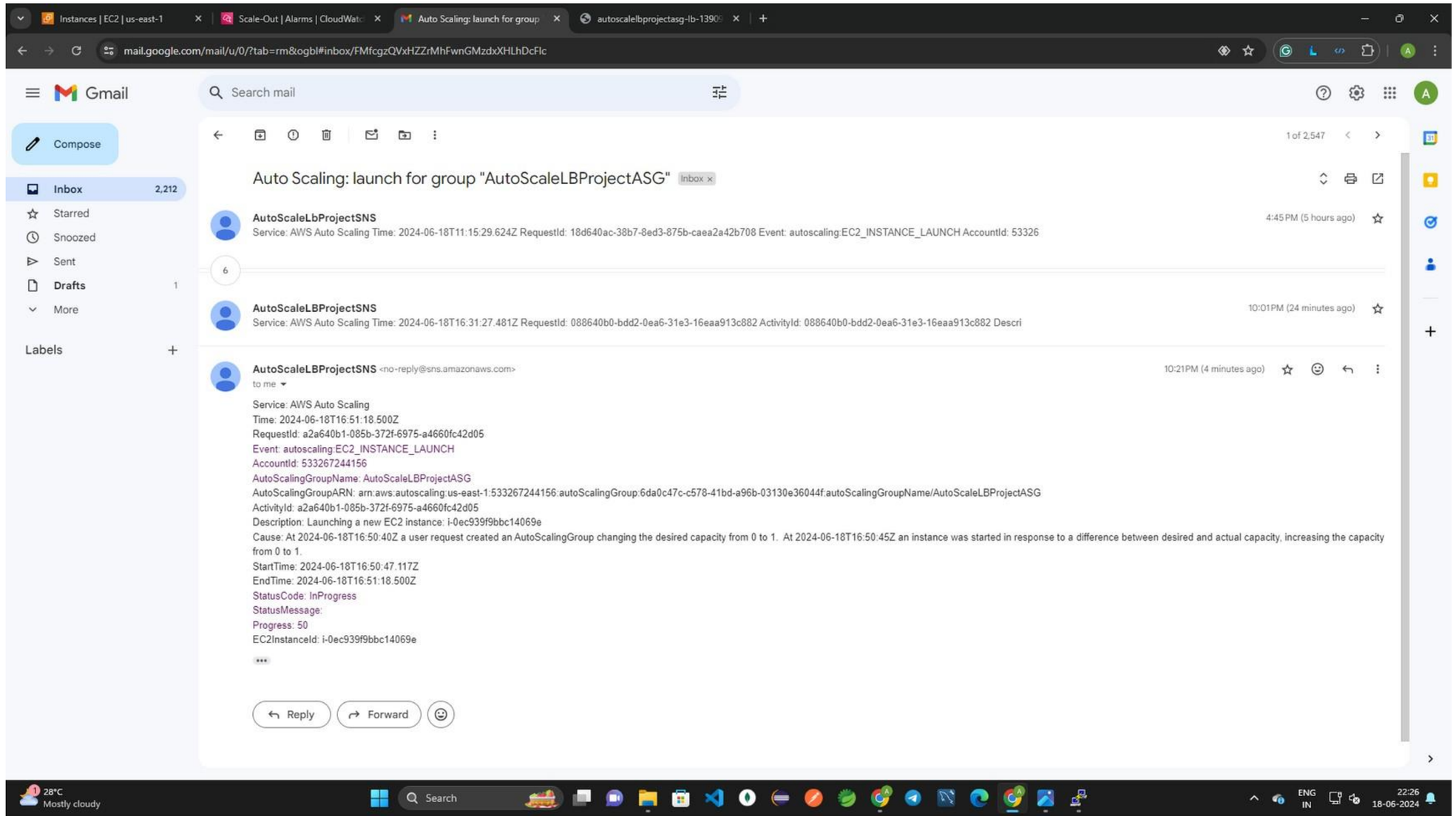
Step6 - Create Auto Scaling Groups, Target Groups and Load Balancer-



Auto Scaling Group Created Successfully



Auto Scaling Group launched Successfully Mail...



Auto Scaling: launch for group "AutoScaleLBProjectASG" Inbox

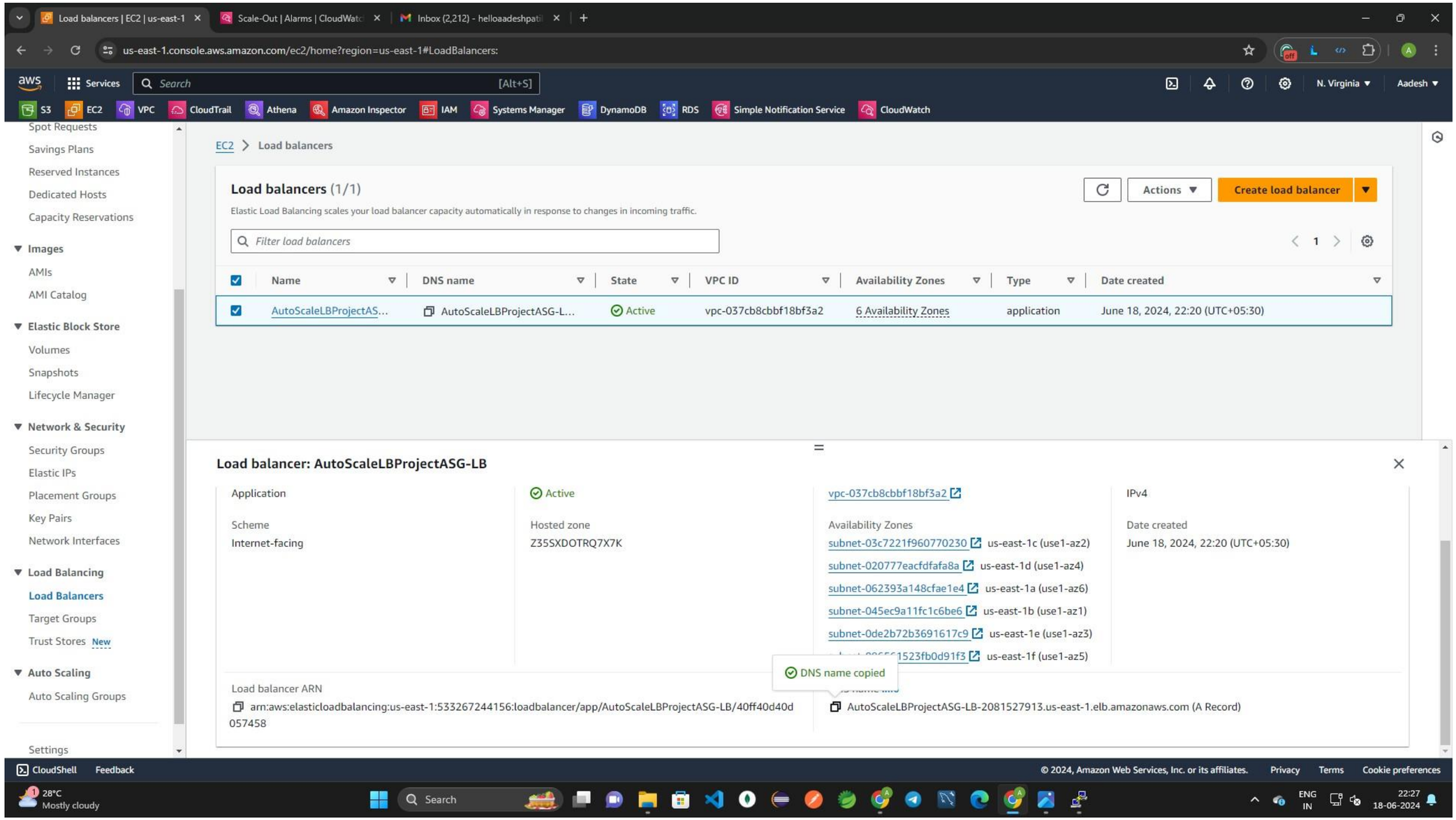
AutoScaleLbProjectSNS 4:45 PM (5 hours ago)
Service: AWS Auto Scaling Time: 2024-06-18T11:15:29.624Z RequestId: 18d640ac-38b7-8ed3-875b-caea2a42b708 Event: autoscaling:EC2_INSTANCE_LAUNCH AccountId: 53326

AutoScaleLBProjectSNS 10:01 PM (24 minutes ago)
Service: AWS Auto Scaling Time: 2024-06-18T16:31:27.481Z RequestId: 088640b0-bdd2-0ea6-31e3-16eaa913c882 ActivityId: 088640b0-bdd2-0ea6-31e3-16eaa913c882 Descri

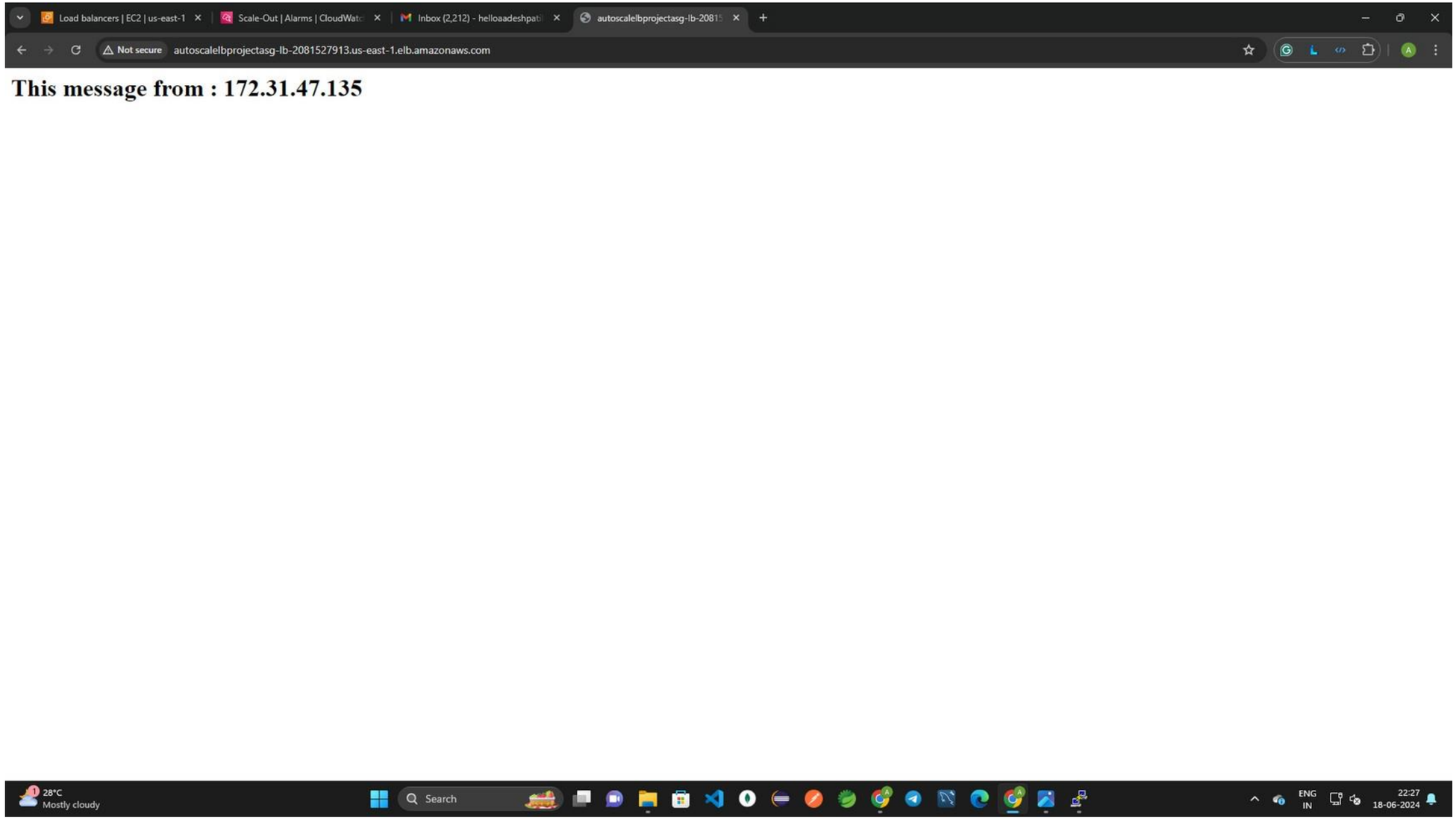
AutoScaleLBProjectSNS <no-reply@sns.amazonaws.com> 10:21 PM (4 minutes ago)
to me

Service: AWS Auto Scaling
Time: 2024-06-18T16:51:18.500Z
RequestId: a2a640b1-085b-372f-6975-a4660fc42d05
Event: autoscaling:EC2_INSTANCE_LAUNCH
AccountId: 533267244156
AutoScalingGroupName: AutoScaleLBProjectASG
AutoScalingGroupARN: arn:aws:autoscaling:us-east-1:533267244156:autoScalingGroup:6da0c47c-c578-41bd-a96b-03130e36044f:autoScalingGroupName/AutoScaleLBProjectASG
ActivityId: a2a640b1-085b-372f-6975-a4660fc42d05
Description: Launching a new EC2 instance: i-0ec939f9bbc14069e
Cause: At 2024-06-18T16:50:40Z a user request created an AutoScalingGroup changing the desired capacity from 0 to 1. At 2024-06-18T16:50:45Z an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 0 to 1.
StartTime: 2024-06-18T16:50:47.117Z
EndTime: 2024-06-18T16:51:18.500Z
StatusCode: InProgress
StatusMessage:
Progress: 50
EC2InstanceId: i-0ec939f9bbc14069e

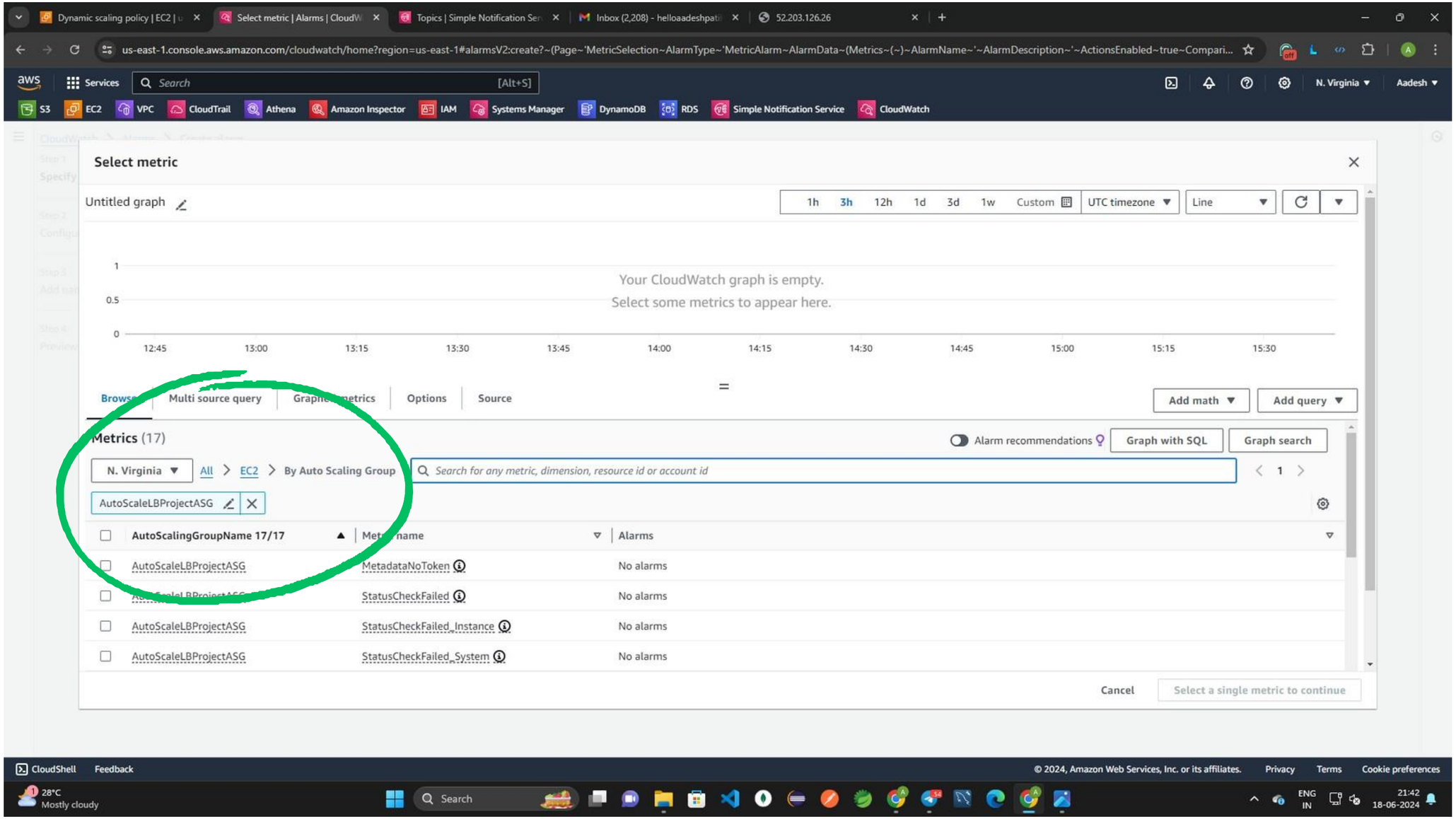
Step 7 -Copy Load Balancer DNS Name and Open it in Browser-



Our Website Running Successfully...

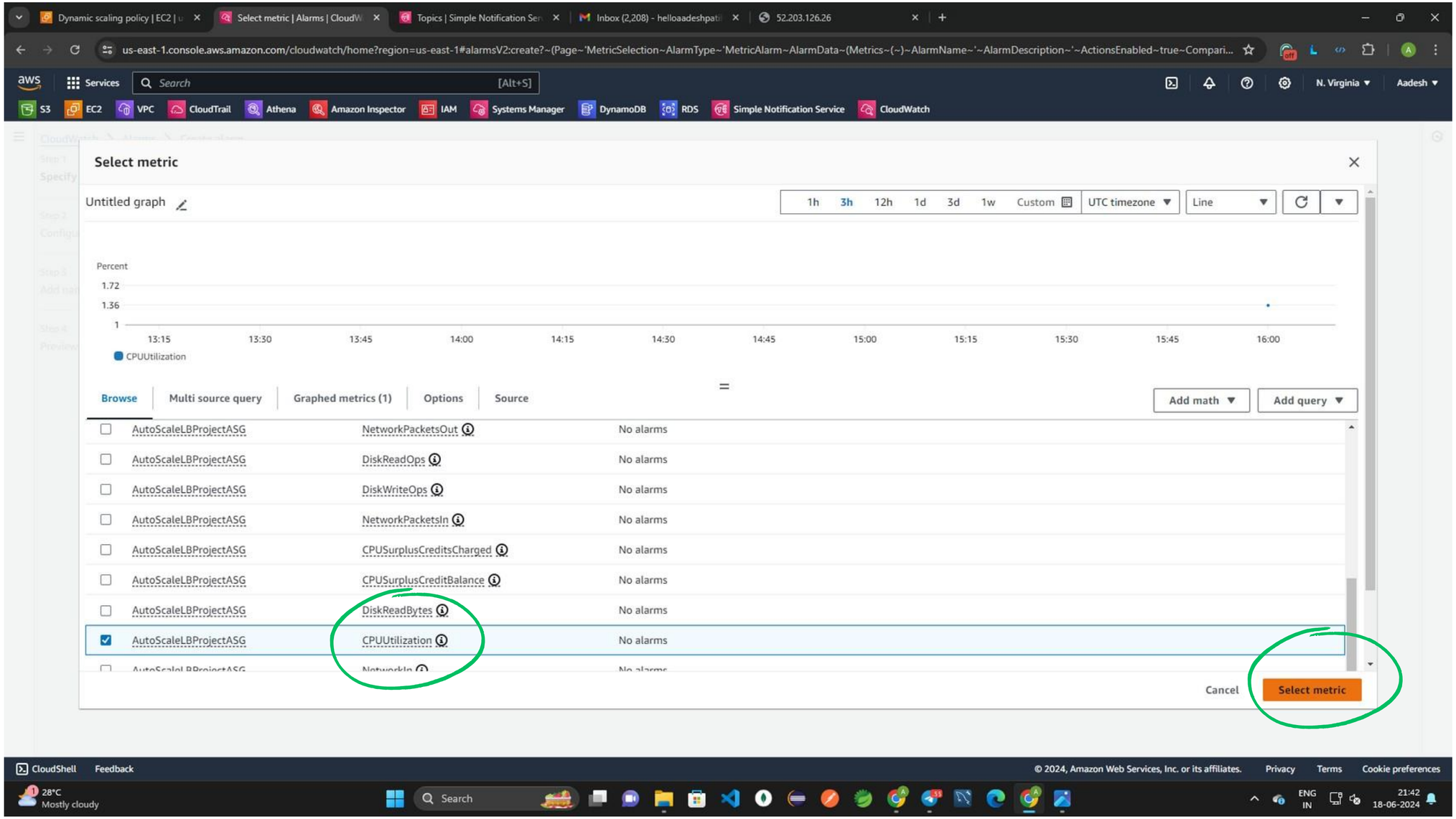


Step8 – Create Scale-Out and Scale-In Alarms (CloudWatch)–



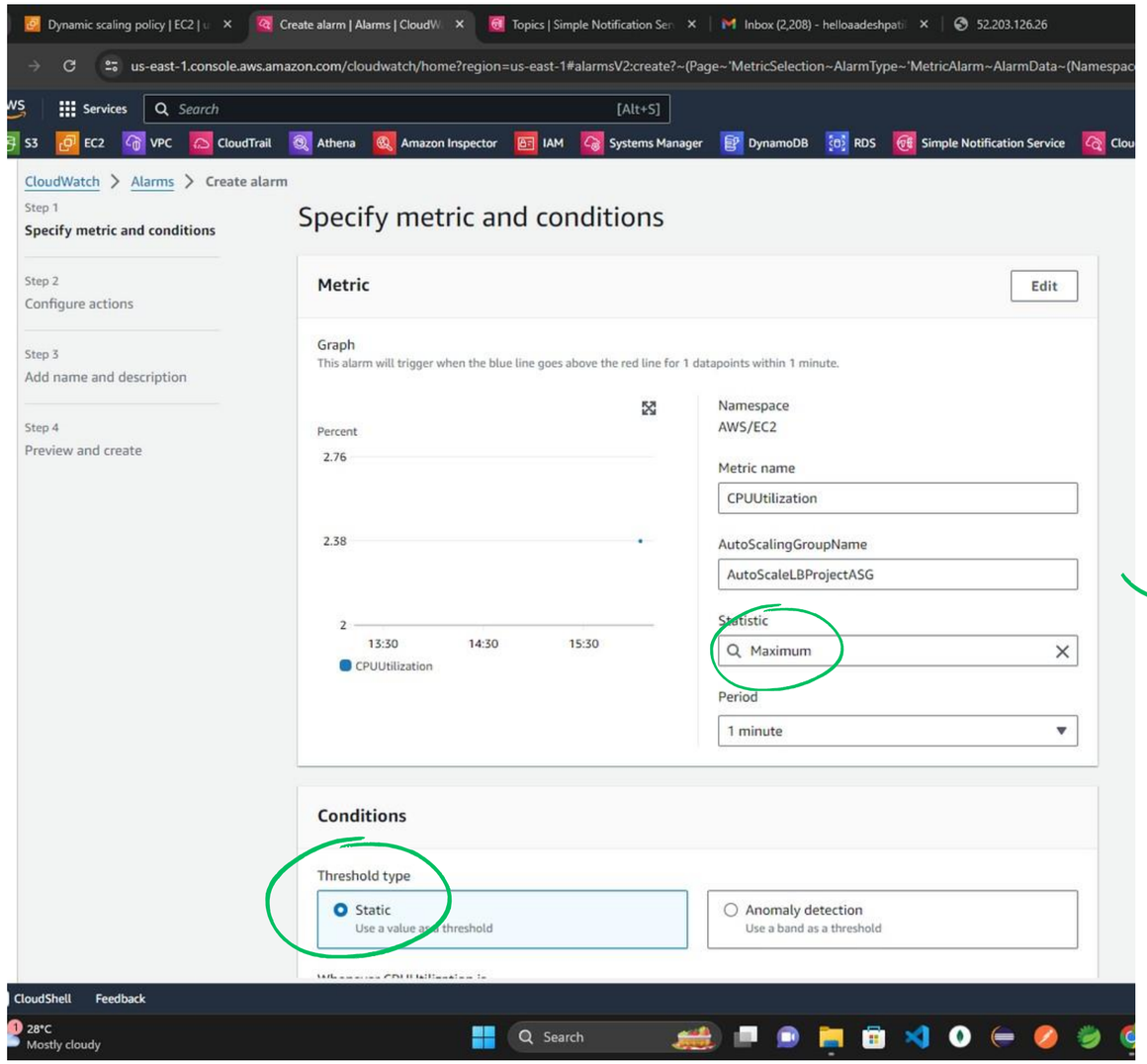
Creating Scale-Out Alarm ...

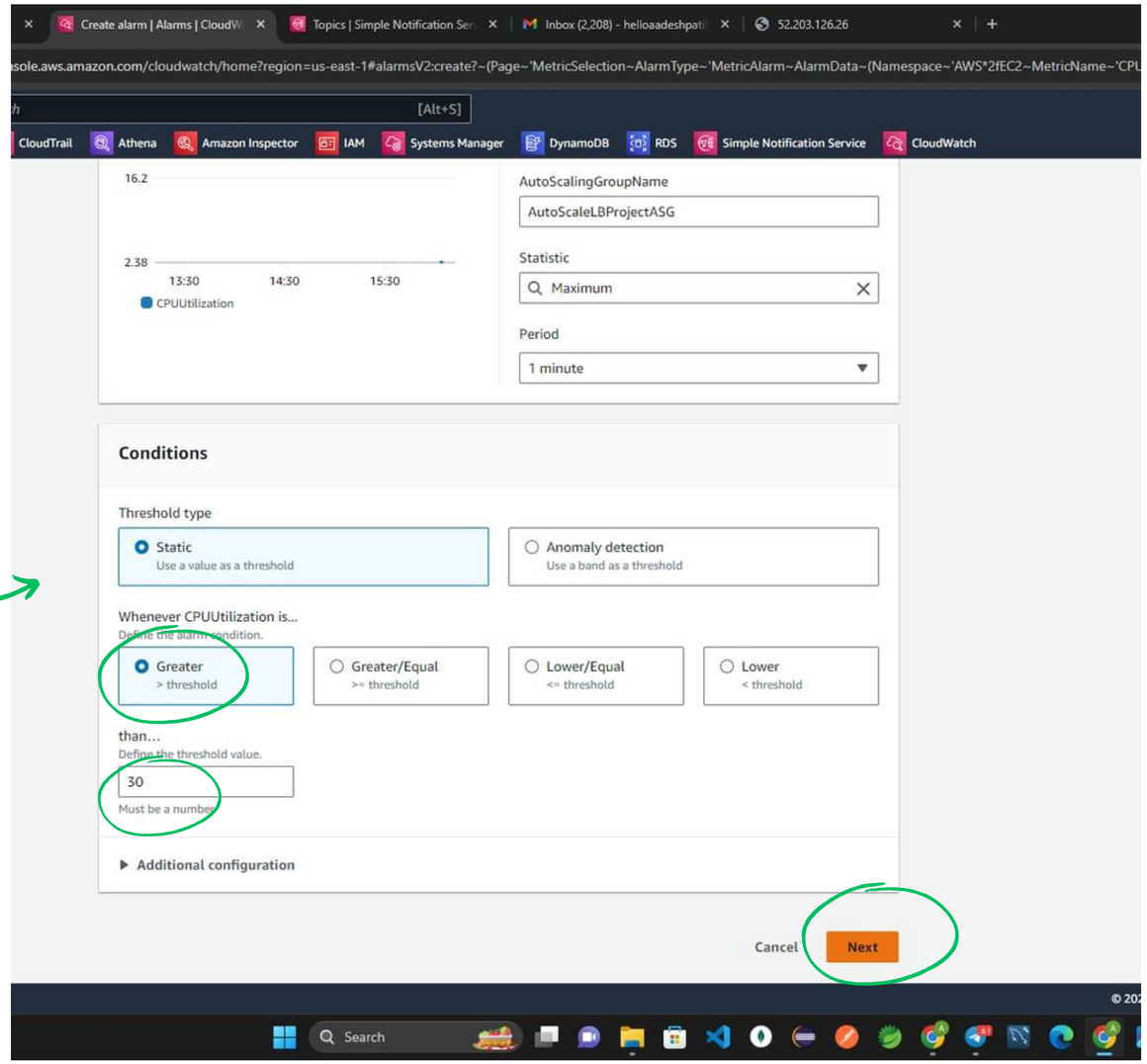
Step8 – Create Scale-Out and Scale-In Alarms (CloudWatch)–



Creating Scale-Out Alarm...

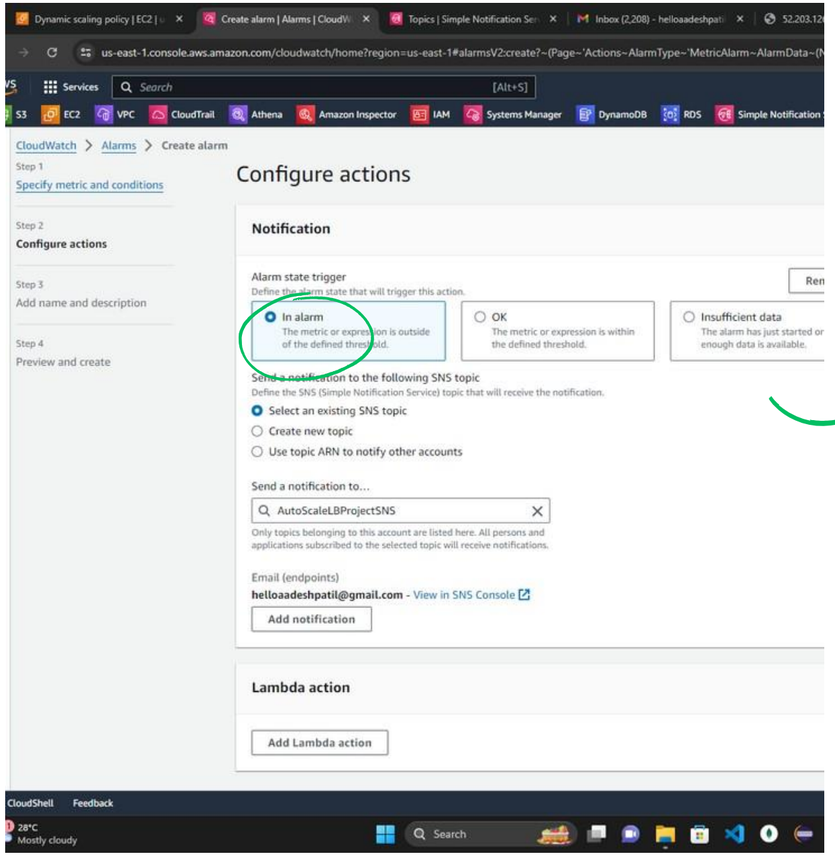
Step8 – Create Scale-Out and Scale-In Alarms (CloudWatch)–

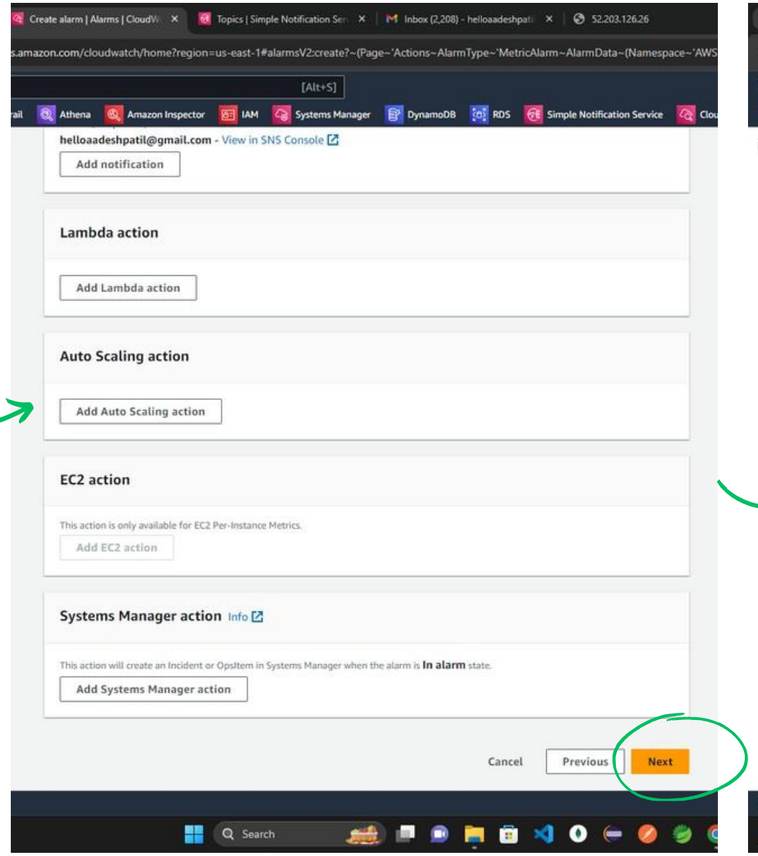


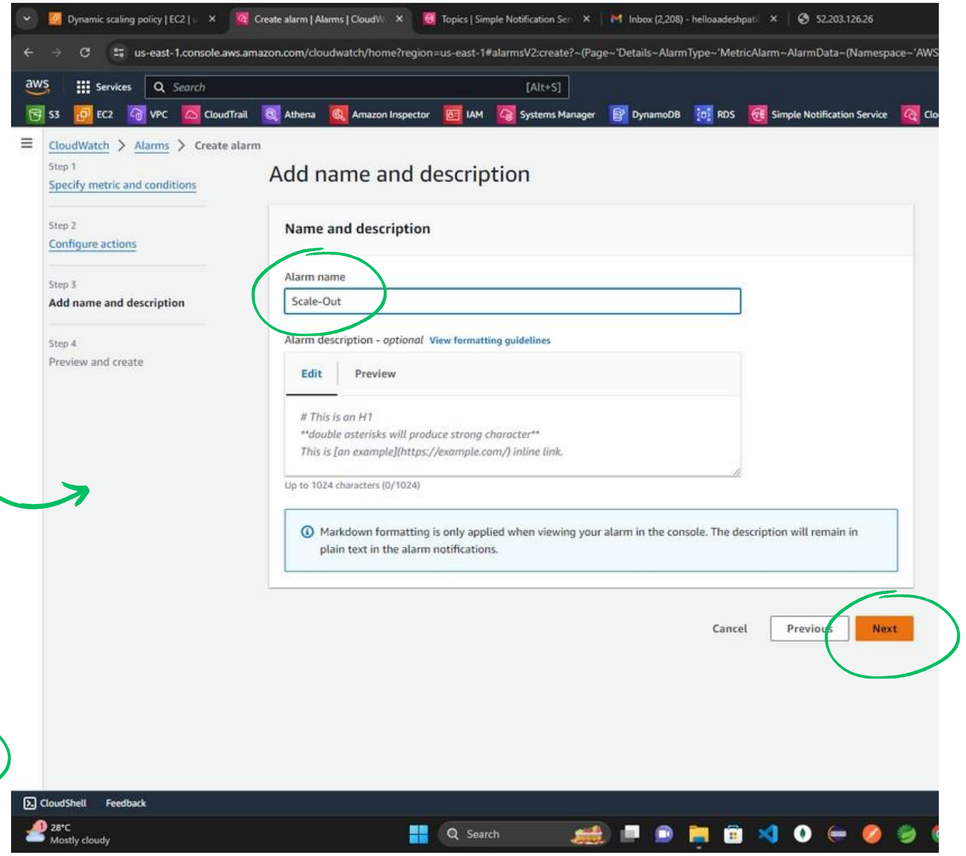


Creating Scale-Out Alarm...

Step8 - Create Scale-Out and Scale-In Alarms (CloudWatch)-

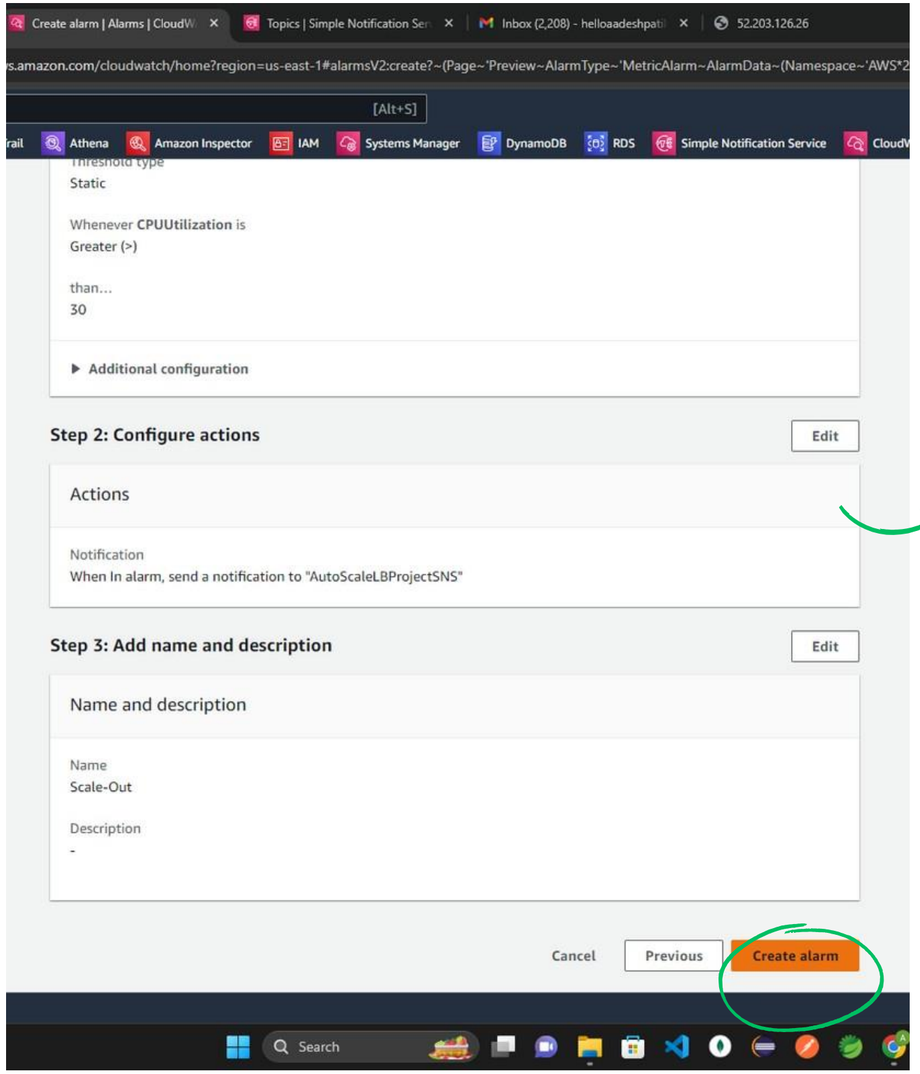


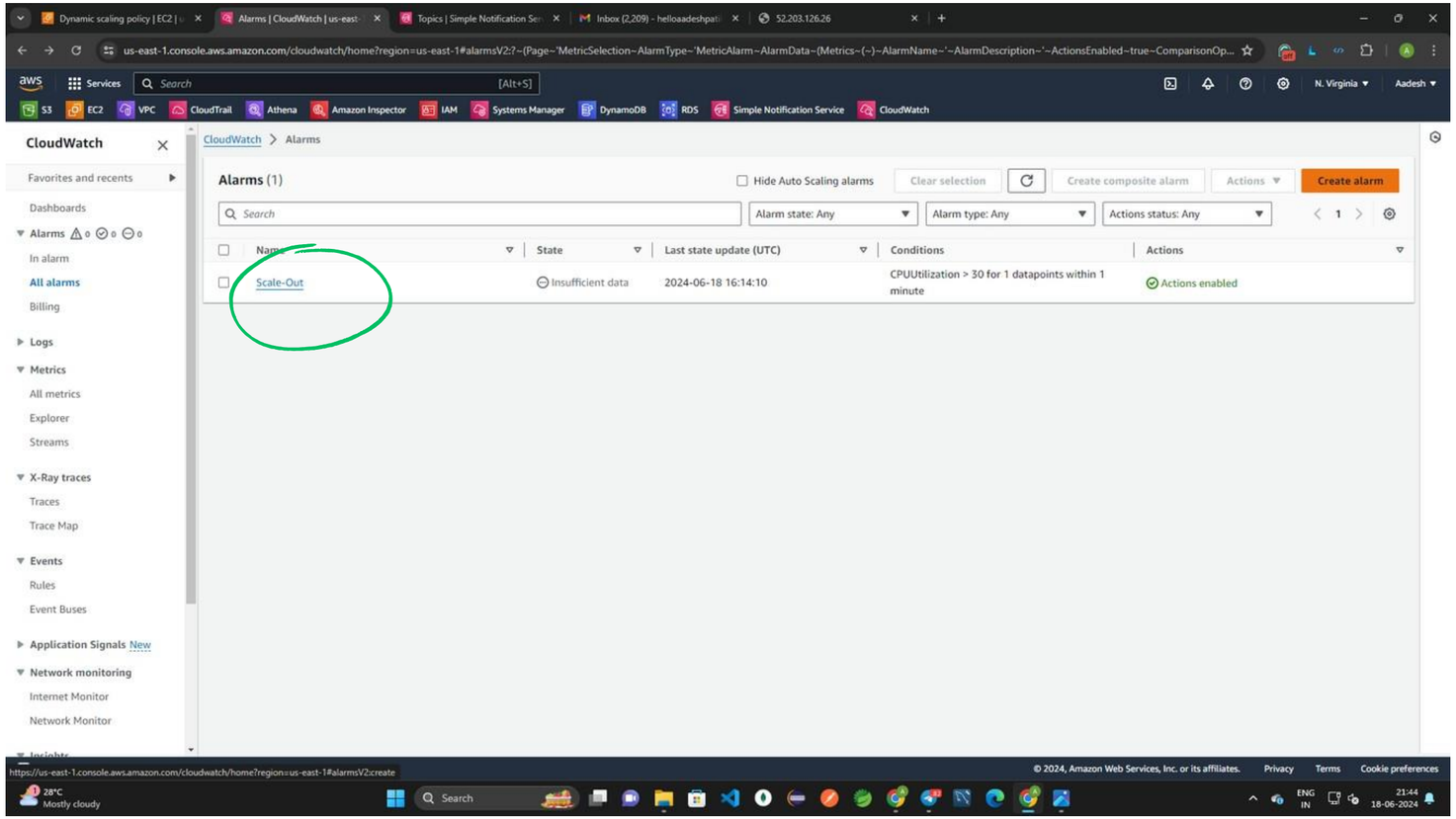




Creating Scale-Out Alarm ...

Step8 - Create Scale-Out and Scale-In Alarms (CloudWatch)-

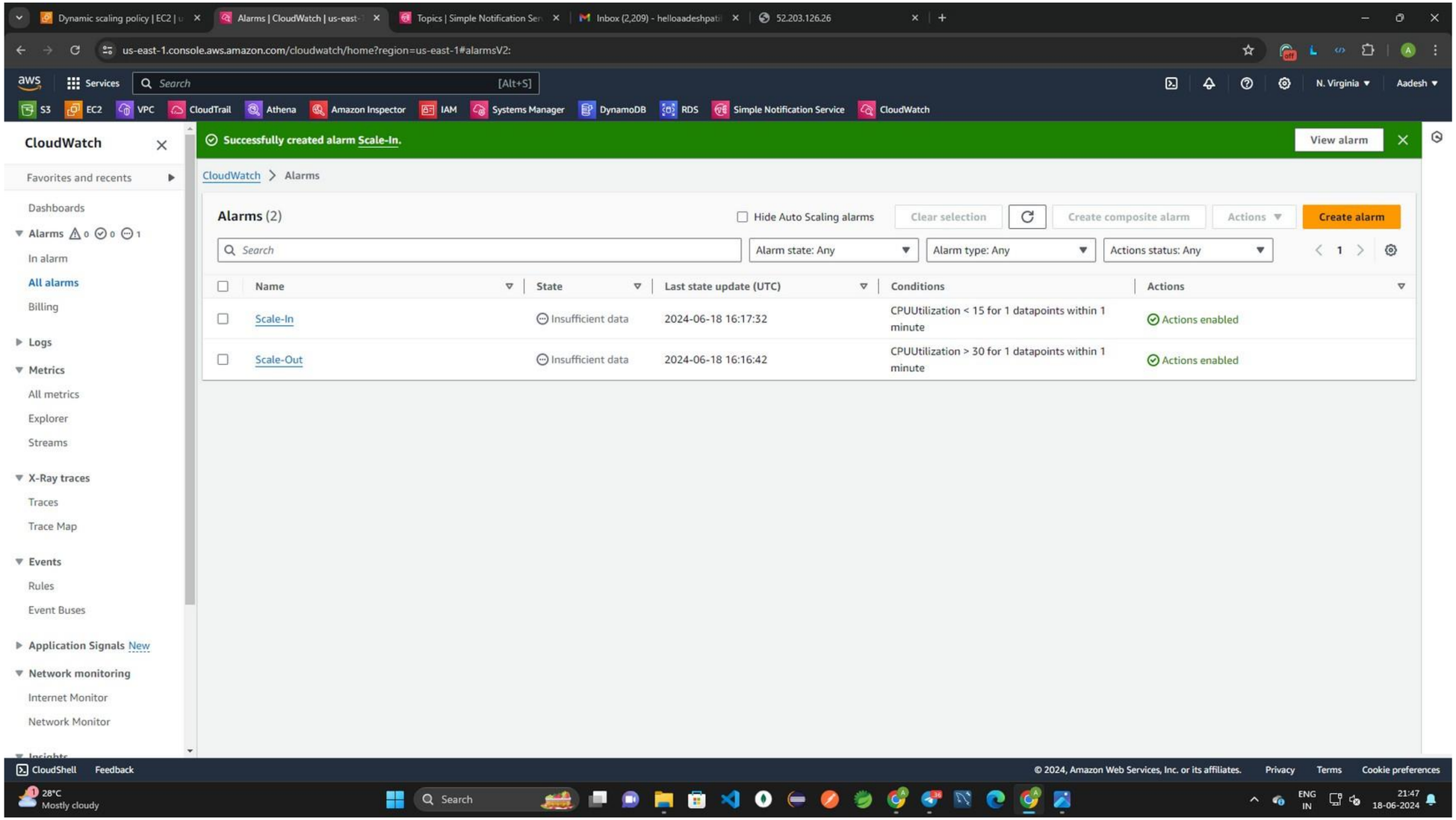




Scale-Out Alarm Created Successfully ...

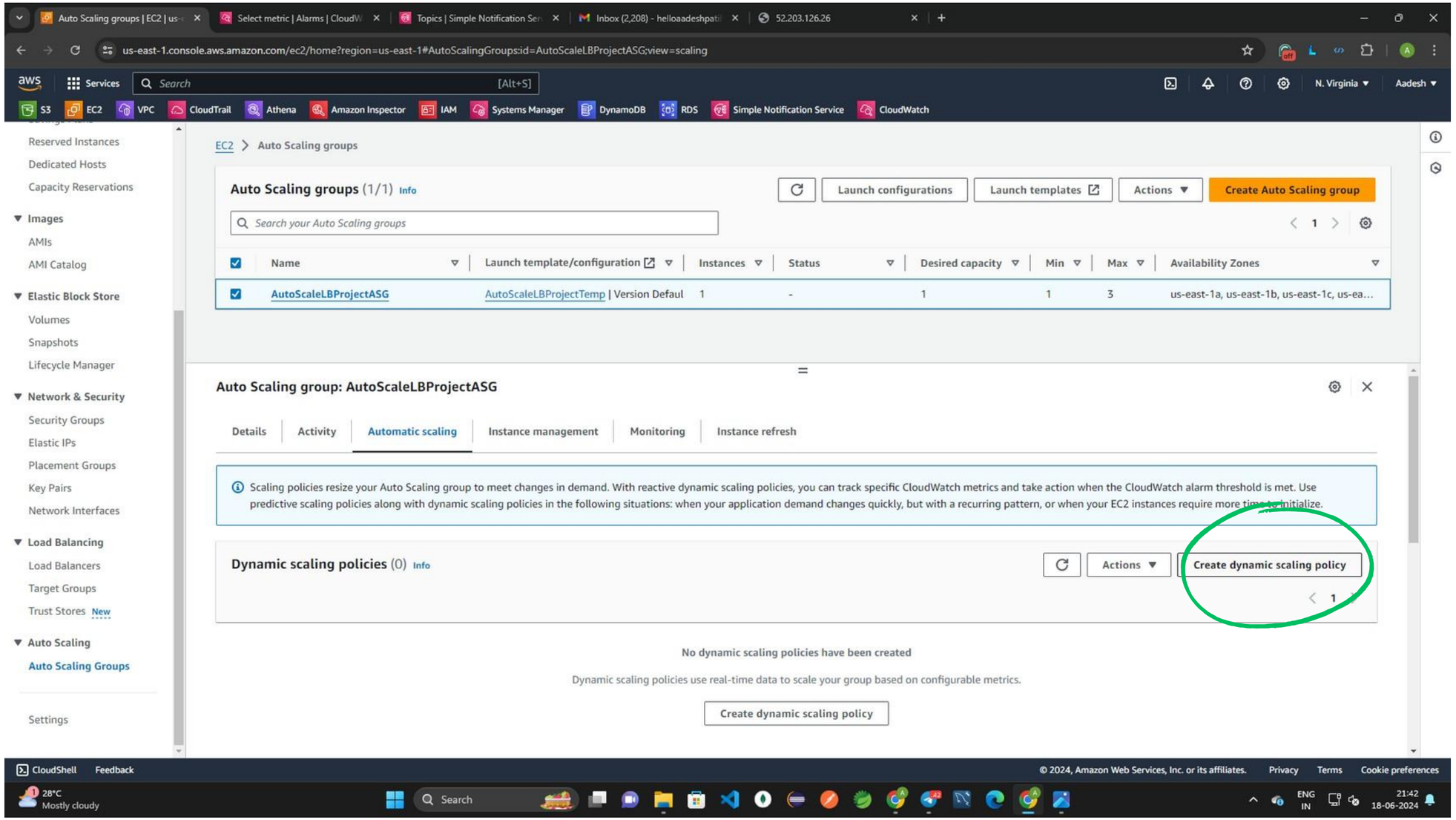
Note- Similarly create alarm for Scale-In with condition (CPU Utilization <15)

Step8 – Create Scale-Out and Scale-In Alarms (CloudWatch)–

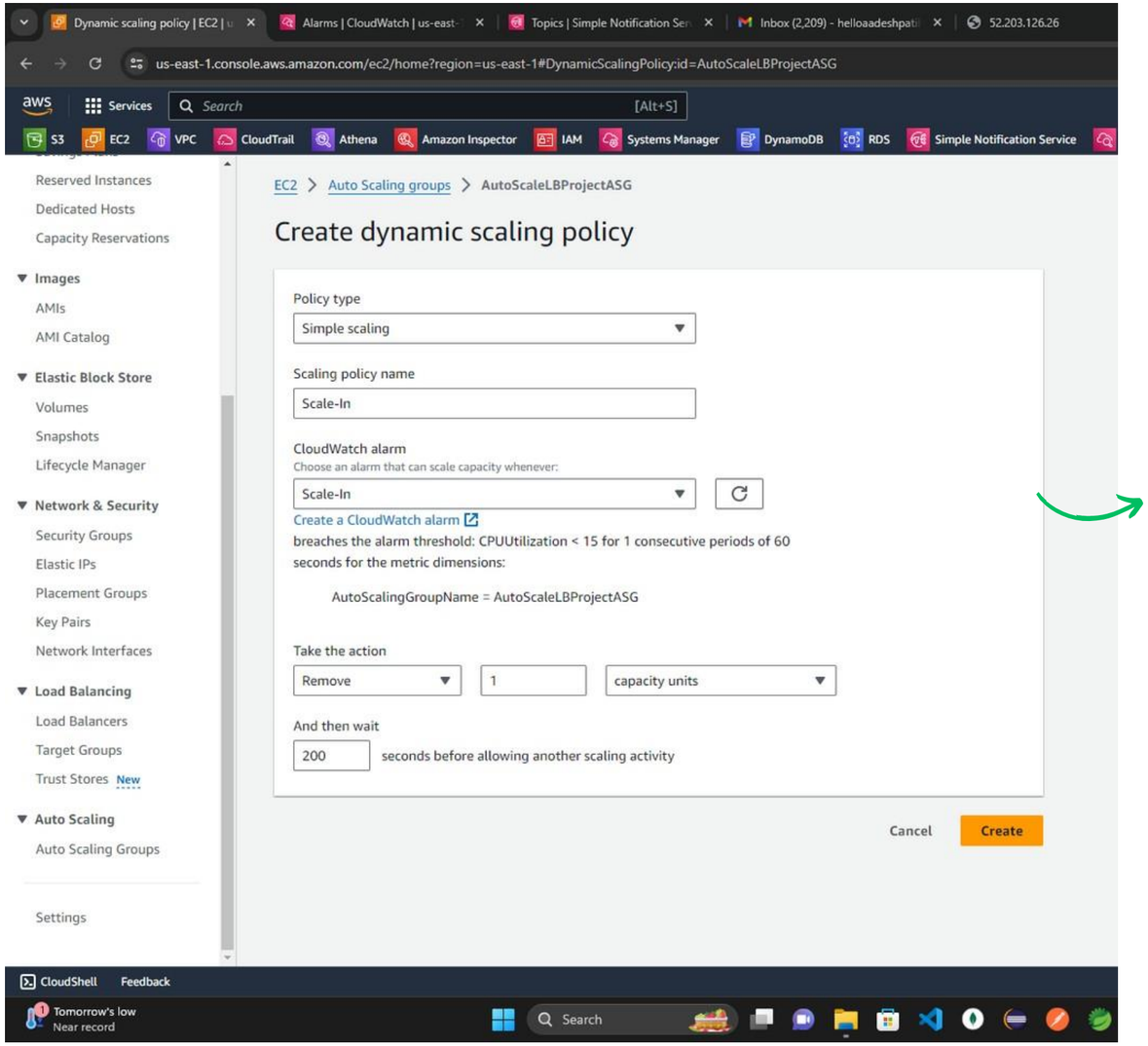


Scale-Out and Scale-In Alarms Created Successfully ...

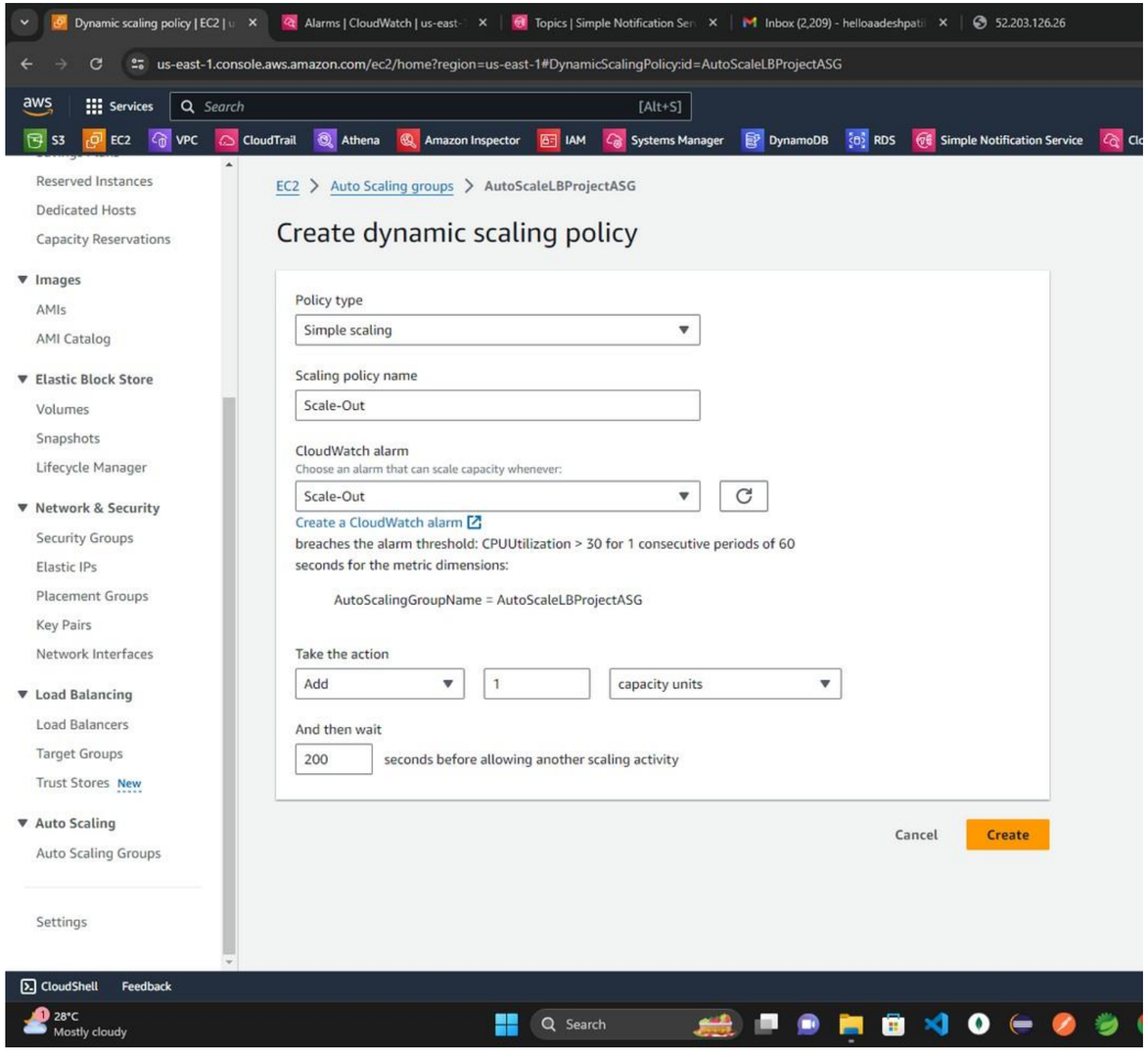
Step9 - Create Dynamic Scaling Policies-



Step9 - Create Dynamic Scaling Policies-



Creating Scale-In Policy ...



Creating Scale-Out Policy ...

Step10 - Increase CPU Load/Utilization-

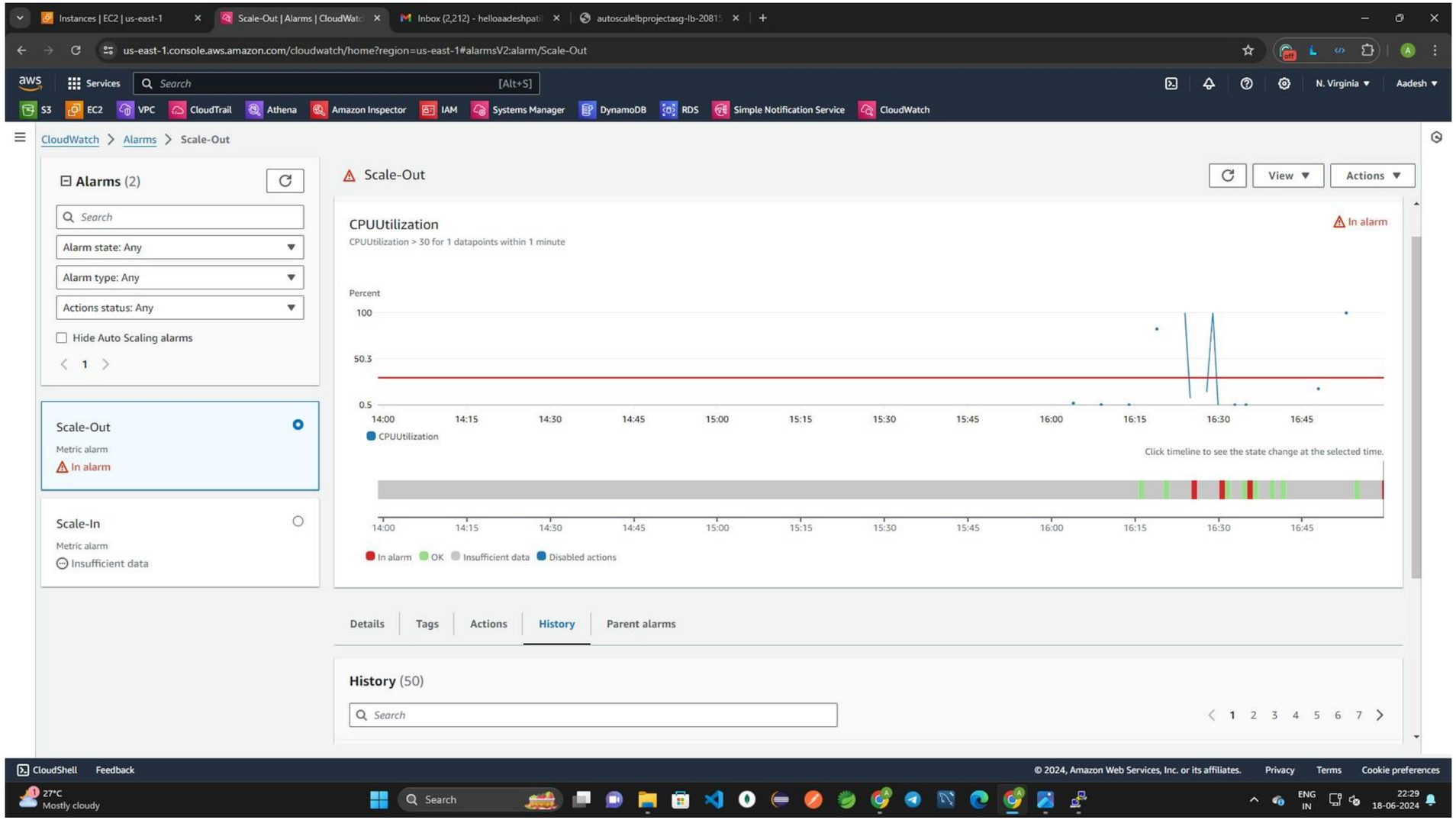
```
ec2-user@ip-172-31-47-135:~
login as: ec2-user
Authenticating with public key "imported-openssh-key"
Register this system with Red Hat Insights: insights-client --register
Create an account or view all your systems at https://red.ht/insights-dashboard
[ec2-user@ip-172-31-47-135 ~]$ yes > /dev/null &
[1] 14579
[ec2-user@ip-172-31-47-135 ~]$ yes > /dev/null &
[2] 14580
[ec2-user@ip-172-31-47-135 ~]$ yes > /dev/null &
[3] 14581
[ec2-user@ip-172-31-47-135 ~]$ yes > /dev/null &
[4] 14582
[ec2-user@ip-172-31-47-135 ~]$ yes > /dev/null &
[5] 14583
[ec2-user@ip-172-31-47-135 ~]$
```

Command to increase CPU Load - yes > /dev/null &

Step11 - Check CPU Utilization with top command-

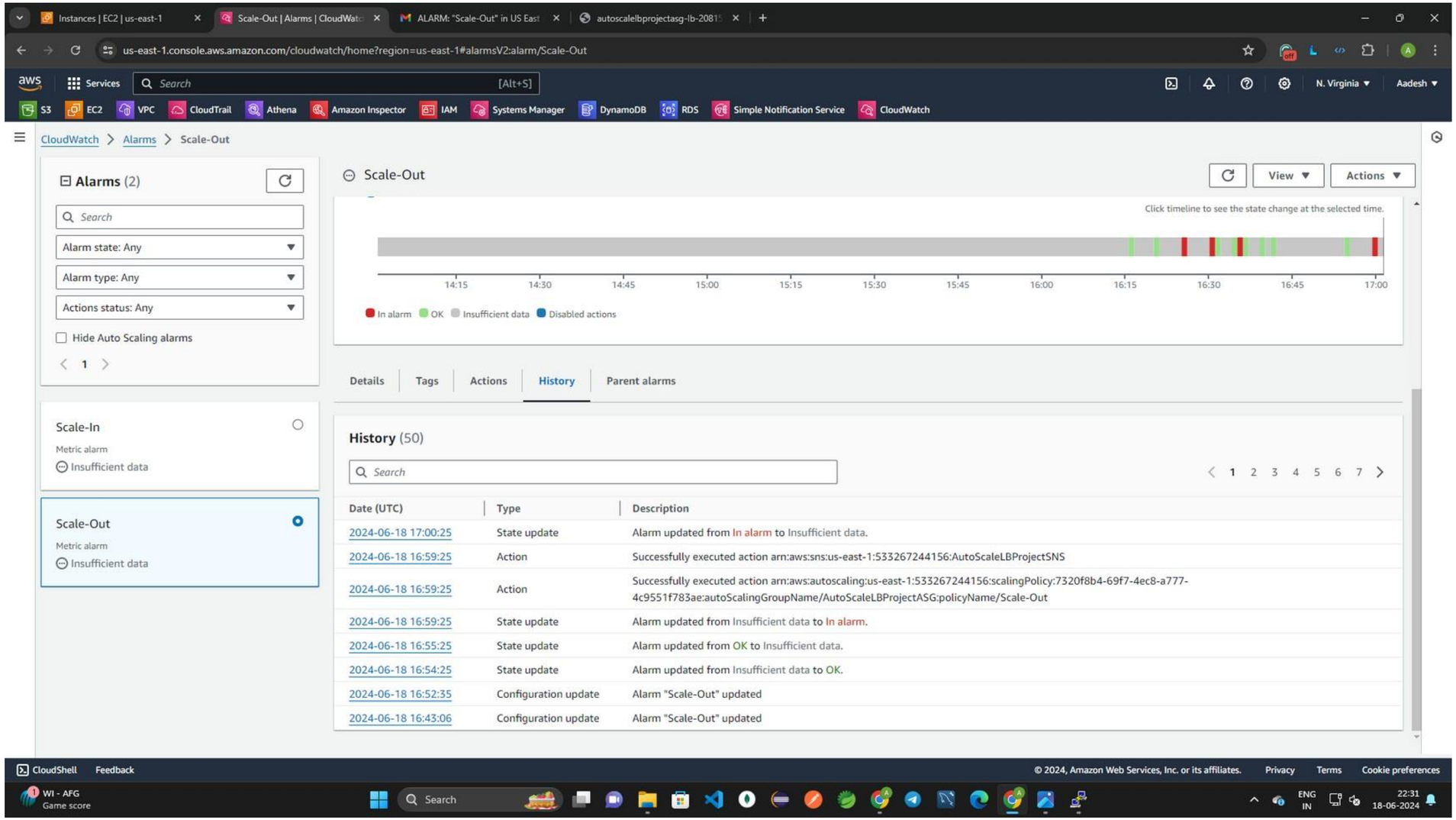
```
ec2-user@ip-172-31-47-135:~
top - 16:56:52 up 5 min,  1 user,  load average: 1.60, 0.51, 0.21
Tasks: 119 total,   6 running, 113 sleeping,   0 stopped,   0 zombie
%Cpu(s): 59.9 us, 39.4 sy,  0.0 ni,  0.0 id,  0.0 wa,  0.7 hi,  0.0 si,  0.0 st
MiB Mem :    765.7 total,    151.6 free,    290.7 used,    444.7 buff/cache
MiB Swap:      0.0 total,      0.0 free,      0.0 used.    475.0 avail Mem

    PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
  14579 ec2-user  20   0    5580   1664   1664 R  19.9   0.2   0:07.61 yes
  14580 ec2-user  20   0    5580   1664   1664 R  19.9   0.2   0:05.74 yes
  14581 ec2-user  20   0    5580   1664   1664 R  19.9   0.2   0:05.37 yes
  14582 ec2-user  20   0    5580   1792   1664 R  19.9   0.2   0:05.12 yes
  14583 ec2-user  20   0    5580   1664   1664 R  19.6   0.2   0:03.69 yes
      1 root      20   0  174068  17308  10688 S   0.0   2.2   0:02.26 systemd
      2 root      20   0       0      0      0 S   0.0   0.0   0:00.00 kthreadd
      3 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 rcu_gp
      4 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 rcu_par_gp
      5 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 slub_flushwq
      6 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 netns
      7 root      20   0       0      0      0 I   0.0   0.0   0:00.11 kworker/0:0-xfs-reclaim/xvda4
      8 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kworker/0:0H-events_highpri
      9 root      20   0       0      0      0 I   0.0   0.0   0:00.01 kworker/u30:0-writeback
     10 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 mm_percpu_wq
     11 root      20   0       0      0      0 I   0.0   0.0   0:00.34 kworker/u30:1-events_unbound
     12 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_kthre
     13 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_rude_
     14 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_trace
     15 root      20   0       0      0      0 S   0.0   0.0   0:00.03 ksoftirqd/0
     16 root      20   0       0      0      0 S   0.0   0.0   0:01.57 pr/ttyS0
     17 root      20   0       0      0      0 S   0.0   0.0   0:00.70 pr/tty0
     18 root      20   0       0      0      0 I   0.0   0.0   0:00.07 rcu_preempt
     19 root      rt   0       0      0      0 S   0.0   0.0   0:00.00 migration/0
     20 root     -51   0       0      0      0 S   0.0   0.0   0:00.00 idle_inject/0
     21 root      20   0       0      0      0 I   0.0   0.0   0:00.00 kworker/0:1-cgroup_destroy
     22 root      20   0       0      0      0 S   0.0   0.0   0:00.00 cpuhp/0
     24 root      20   0       0      0      0 S   0.0   0.0   0:00.00 kdevtmpfs
     25 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 inet_frag_wq
     26 root      20   0       0      0      0 S   0.0   0.0   0:00.00 kauditd
     27 root      20   0       0      0      0 S   0.0   0.0   0:00.00 khungtaskd
     28 root      20   0       0      0      0 I   0.0   0.0   0:00.00 kworker/u30:2-flush-202:0
     29 root      20   0       0      0      0 S   0.0   0.0   0:00.00 oom_reaper
     30 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 writeback
     31 root      20   0       0      0      0 S   0.0   0.0   0:00.02 kcompactd0
     32 root      25   5       0      0      0 S   0.0   0.0   0:00.00 ksmd
     33 root      39  19       0      0      0 S   0.0   0.0   0:00.00 khugepaged
     34 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 cryptd
     35 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kintegrityd
     36 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kblockd
     37 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 blkcg_punt_bio
     38 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 tpm_dev_wq
     39 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 md
     40 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 md_bitmap
     41 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 edac-poller
     42 root     -51   0       0      0      0 S   0.0   0.0   0:00.00 watchdogd
     43 root       0 -20       0      0      0 I   0.0   0.0   0:00.04 kworker/0:1H-kblockd
     44 root      20   0       0      0      0 S   0.0   0.0   0:00.02 kswapd0
     49 root      20   0       0      0      0 I   0.0   0.0   0:00.01 kworker/0:2-events
```

Step12 - Go to CloudWatch and monitor alarms

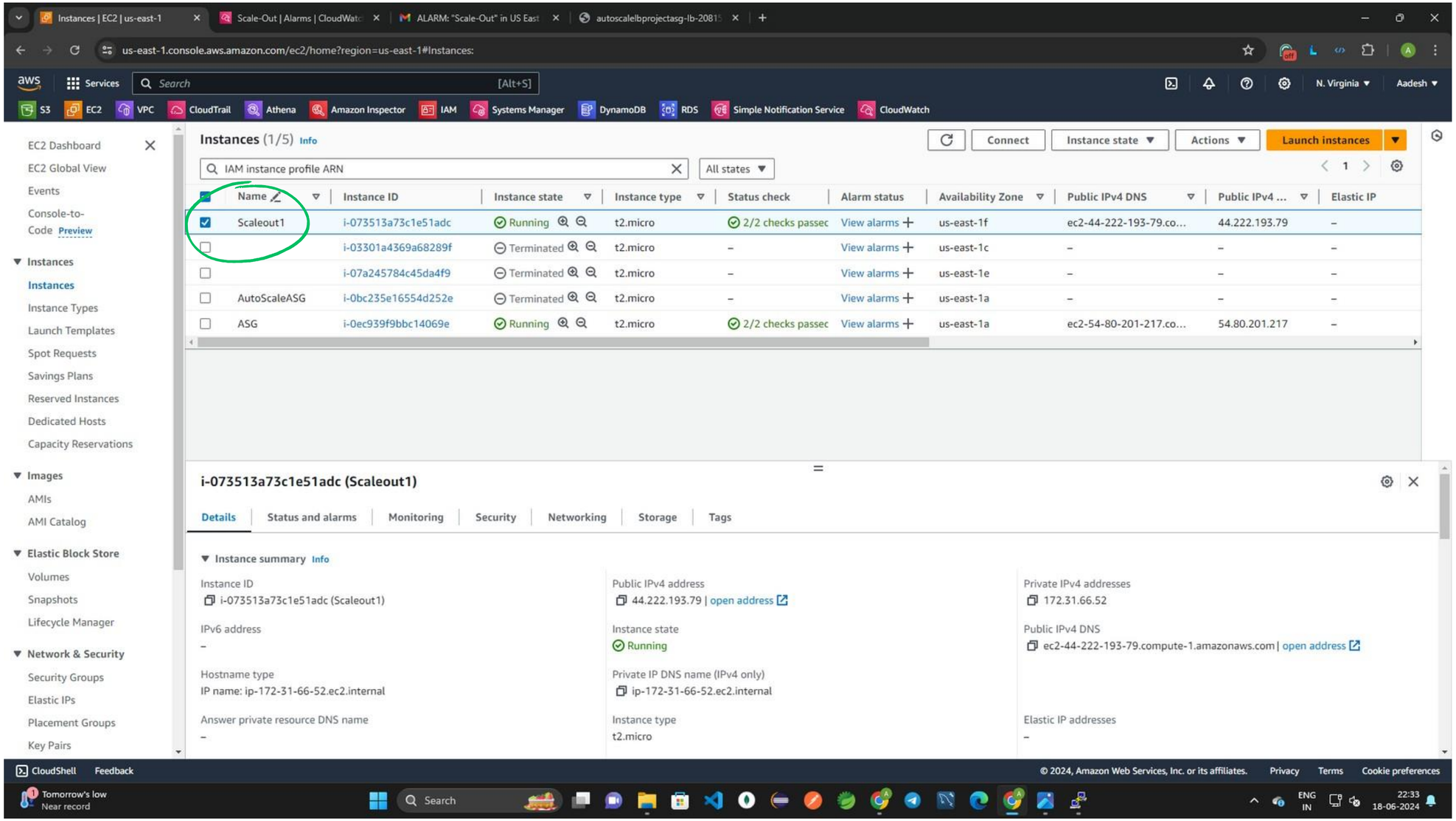


Scale-out Alarm Triggered.

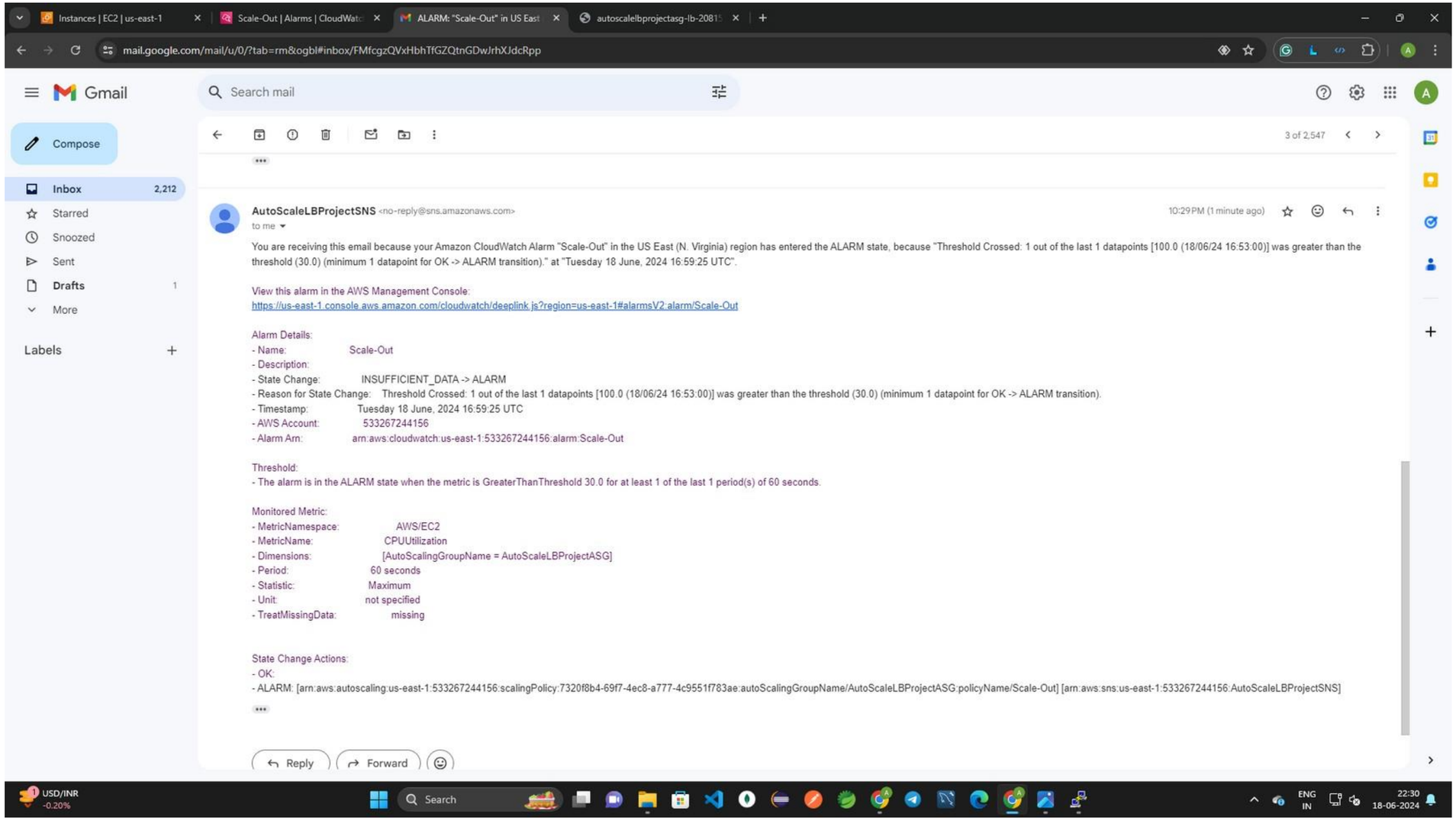
Scale-out History-



Scaleout1 New EC2 Instance/server created successfully-



Scale-out Alarm Triggered Mail-



AutoScaleLBProjectSNS <no-reply@sns.amazonaws.com>
to me
10:29 PM (1 minute ago)

You are receiving this email because your Amazon CloudWatch Alarm "Scale-Out" in the US East (N. Virginia) region has entered the ALARM state, because "Threshold Crossed: 1 out of the last 1 datapoints [100.0 (18/06/24 16:53:00)] was greater than the threshold (30.0) (minimum 1 datapoint for OK -> ALARM transition)." at "Tuesday 18 June, 2024 16:59:25 UTC".

View this alarm in the AWS Management Console:
https://us-east-1.console.aws.amazon.com/cloudwatch/deeplink.js?region=us-east-1#alarmsV2:alarm/Scale-Out

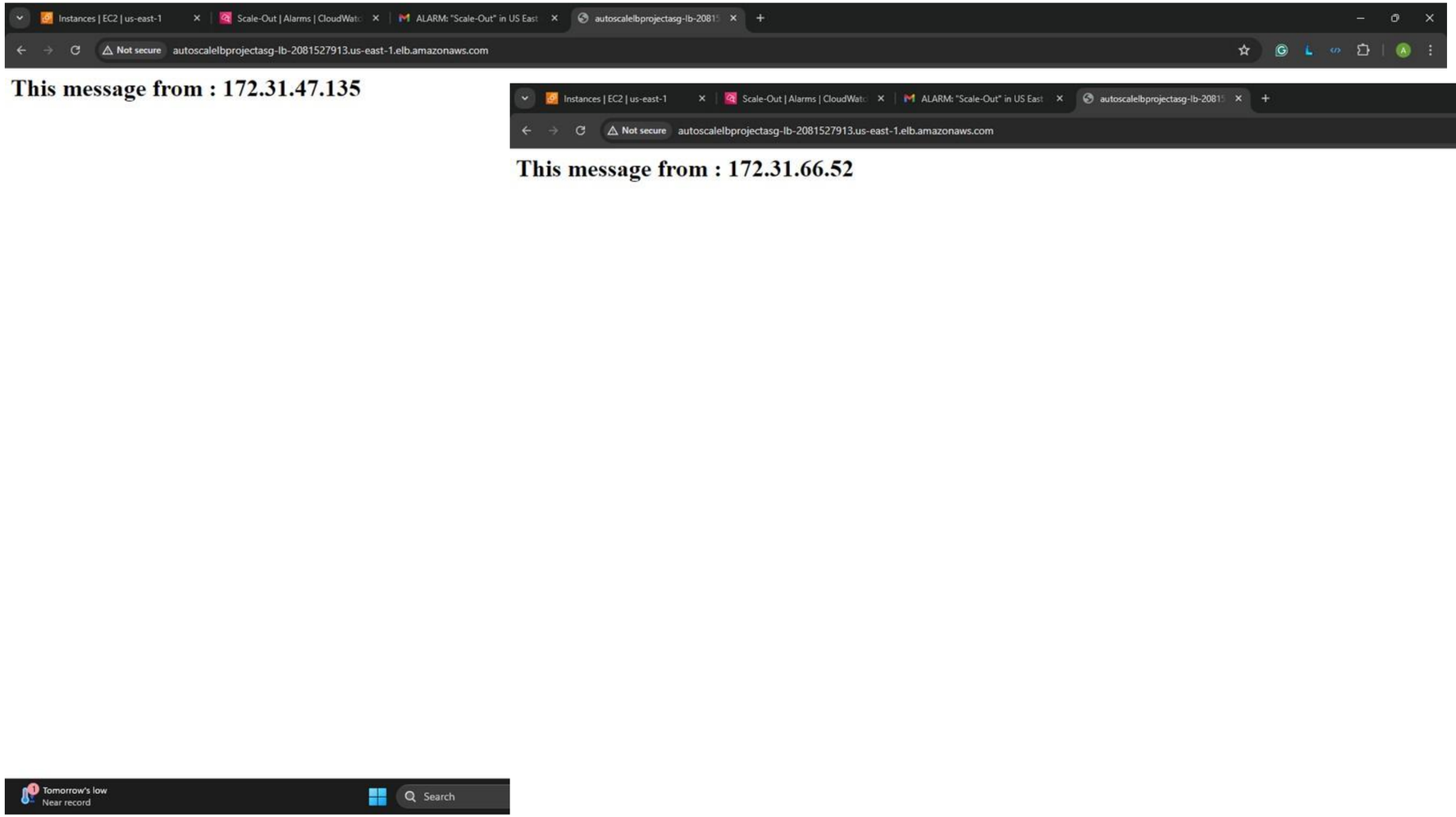
Alarm Details:
- Name: Scale-Out
- Description:
- State Change: INSUFFICIENT_DATA -> ALARM
- Reason for State Change: Threshold Crossed: 1 out of the last 1 datapoints [100.0 (18/06/24 16:53:00)] was greater than the threshold (30.0) (minimum 1 datapoint for OK -> ALARM transition).
- Timestamp: Tuesday 18 June, 2024 16:59:25 UTC
- AWS Account: 533267244156
- Alarm Arn: arn:aws:cloudwatch:us-east-1:533267244156:alarm:Scale-Out

Threshold:
- The alarm is in the ALARM state when the metric is GreaterThanThreshold 30.0 for at least 1 of the last 1 period(s) of 60 seconds.

Monitored Metric:
- MetricNamespace: AWS/EC2
- MetricName: CPUUtilization
- Dimensions: [AutoScalingGroupName = AutoScaleLBProjectASG]
- Period: 60 seconds
- Statistic: Maximum
- Unit: not specified
- TreatMissingData: missing

State Change Actions:
- OK:
- ALARM: [arn:aws:autoscaling:us-east-1:533267244156:scalingPolicy:7320f8b4-69f7-4ec8-a777-4c9551f783ae:autoScalingGroupName/AutoScaleLBProjectASG:policyName/Scale-Out] [arn:aws:sns:us-east-1:533267244156:AutoScaleLBProjectSNS]

Step 13- Refresh the Load Balancer Link and Check Website is working on different servers or not-



After Auto-Scaling Load balancer also working fine...

Step14-To Perform Scale-In Policy, decrease the CPU load by killing processes-

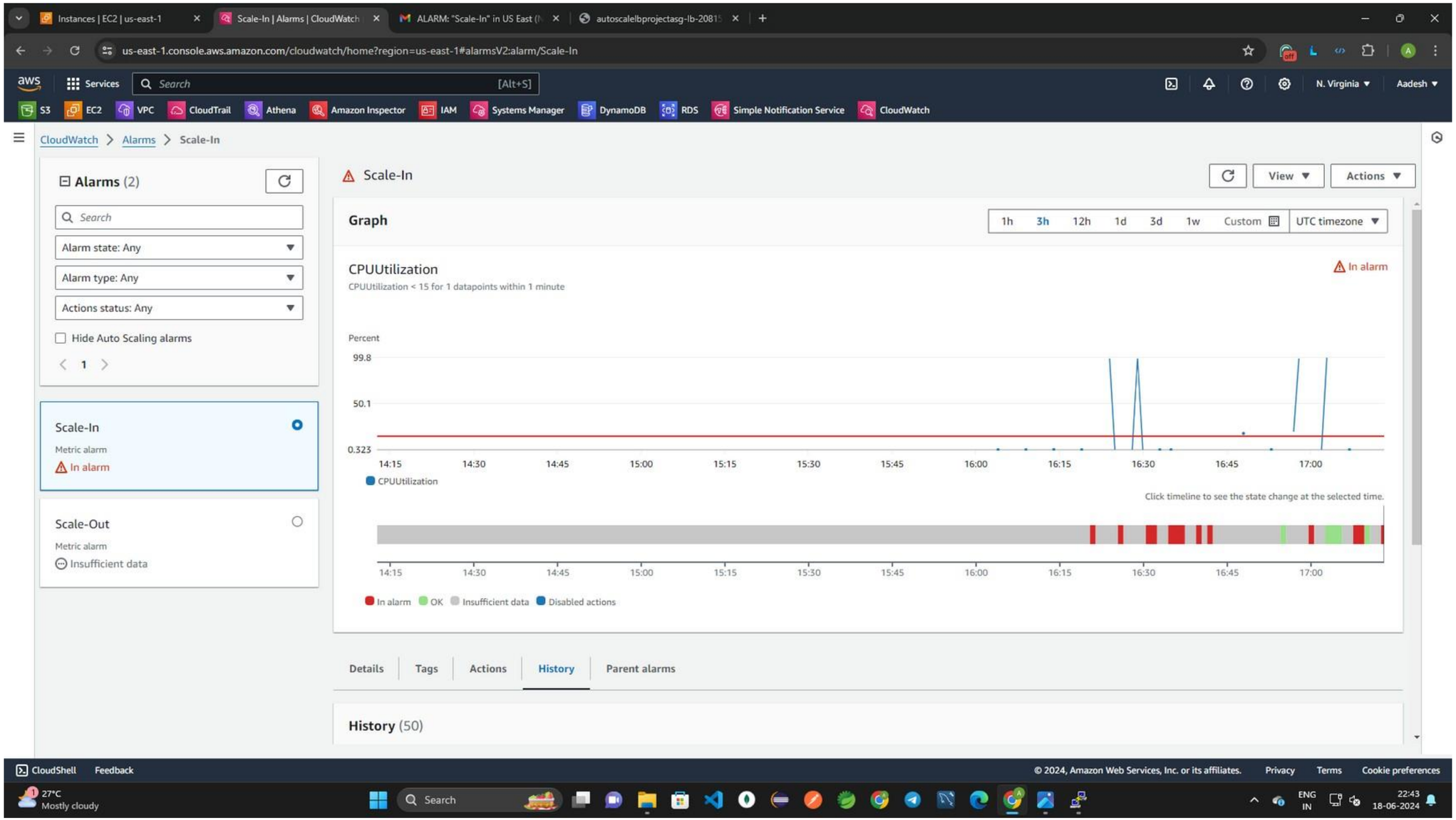
```
ec2-user@ip-172-31-47-135:~
   PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
 14582 ec2-user  20   0    5580   1792   1664 R  33.2   0.2   2:27.88 yes
 14583 ec2-user  20   0    5580   1664   1664 R  33.2   0.2   2:26.46 yes
 14647 ec2-user  20   0    5580   1664   1664 R  33.2   0.2   1:54.73 yes
 14682 root      20   0       0      0      0 I   0.3   0.0   0:00.02 kworker/0:2-events
     1 root      20   0  174068  17424  10688 S   0.0   2.2   0:02.29 systemd
     2 root      20   0       0      0      0 S   0.0   0.0   0:00.00 kthreadd
     3 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 rcu_gp
     4 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 rcu_par_gp
     5 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 slub_flushwq
     6 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 netns
     7 root      20   0       0      0      0 I   0.0   0.0   0:00.26 kworker/0:0-events
     8 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kworker/0:0H-events_highpri
     9 root      20   0       0      0      0 I   0.0   0.0   0:00.02 kworker/u30:0-events_unbound
    10 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 mm_percpu_wq
    11 root      20   0       0      0      0 I   0.0   0.0   0:00.35 kworker/u30:1-events_unbound
    12 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_kthre
    13 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_rude_
    14 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_trace
    15 root      20   0       0      0      0 S   0.0   0.0   0:00.04 ksoftirqd/0
    16 root      20   0       0      0      0 S   0.0   0.0   0:01.57 pr/ttyS0
    17 root      20   0       0      0      0 S   0.0   0.0   0:00.70 pr/tty0
    18 root      20   0       0      0      0 I   0.0   0.0   0:00.07 rcu_preempt
    19 root      rt   0       0      0      0 S   0.0   0.0   0:00.00 migration/0
    20 root     -51   0       0      0      0 S   0.0   0.0   0:00.00 idle_inject/0
    22 root      20   0       0      0      0 S   0.0   0.0   0:00.00 cpuhp/0
    24 root      20   0       0      0      0 S   0.0   0.0   0:00.00 kdevtmpfs
    25 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 inet_frag_wq
    26 root      20   0       0      0      0 S   0.0   0.0   0:00.00 kauditd
    27 root      20   0       0      0      0 S   0.0   0.0   0:00.00 khungtaskd
    29 root      20   0       0      0      0 S   0.0   0.0   0:00.00 oom_reaper
    30 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 writeback
    31 root      20   0       0      0      0 S   0.0   0.0   0:00.03 kcompactd0
    32 root      25   5       0      0      0 S   0.0   0.0   0:00.00 ksmd
    33 root      39  19       0      0      0 S   0.0   0.0   0:00.00 khugepaged
    34 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 cryptd
    35 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kintegrityd
    36 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kblockd
    37 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 blkcg_punt_bio
    38 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 tpm_dev_wq
    39 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 md
    40 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 md_bitmap
    41 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 edac-poller
    42 root     -51   0       0      0      0 S   0.0   0.0   0:00.00 watchdogd
    43 root       0 -20       0      0      0 I   0.0   0.0   0:00.04 kworker/0:1H-kblockd
    44 root      20   0       0      0      0 S   0.0   0.0   0:00.02 kswapd0
    50 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kthrotld
    54 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 acpi_thermal_pm
    55 root      20   0       0      0      0 S   0.0   0.0   0:00.00 xenbus
    56 root      20   0       0      0      0 S   0.0   0.0   0:00.00 xenwatch
[ec2-user@ip-172-31-47-135 ~]$ kill 14582
[ec2-user@ip-172-31-47-135 ~]$ kill 14583
[4]   Terminated              yes > /dev/null
[ec2-user@ip-172-31-47-135 ~]$ kill 14647
[5]-  Terminated              yes > /dev/null
[ec2-user@ip-172-31-47-135 ~]$
```

Command to kill processes -kill pid (e.g. kill 14582)

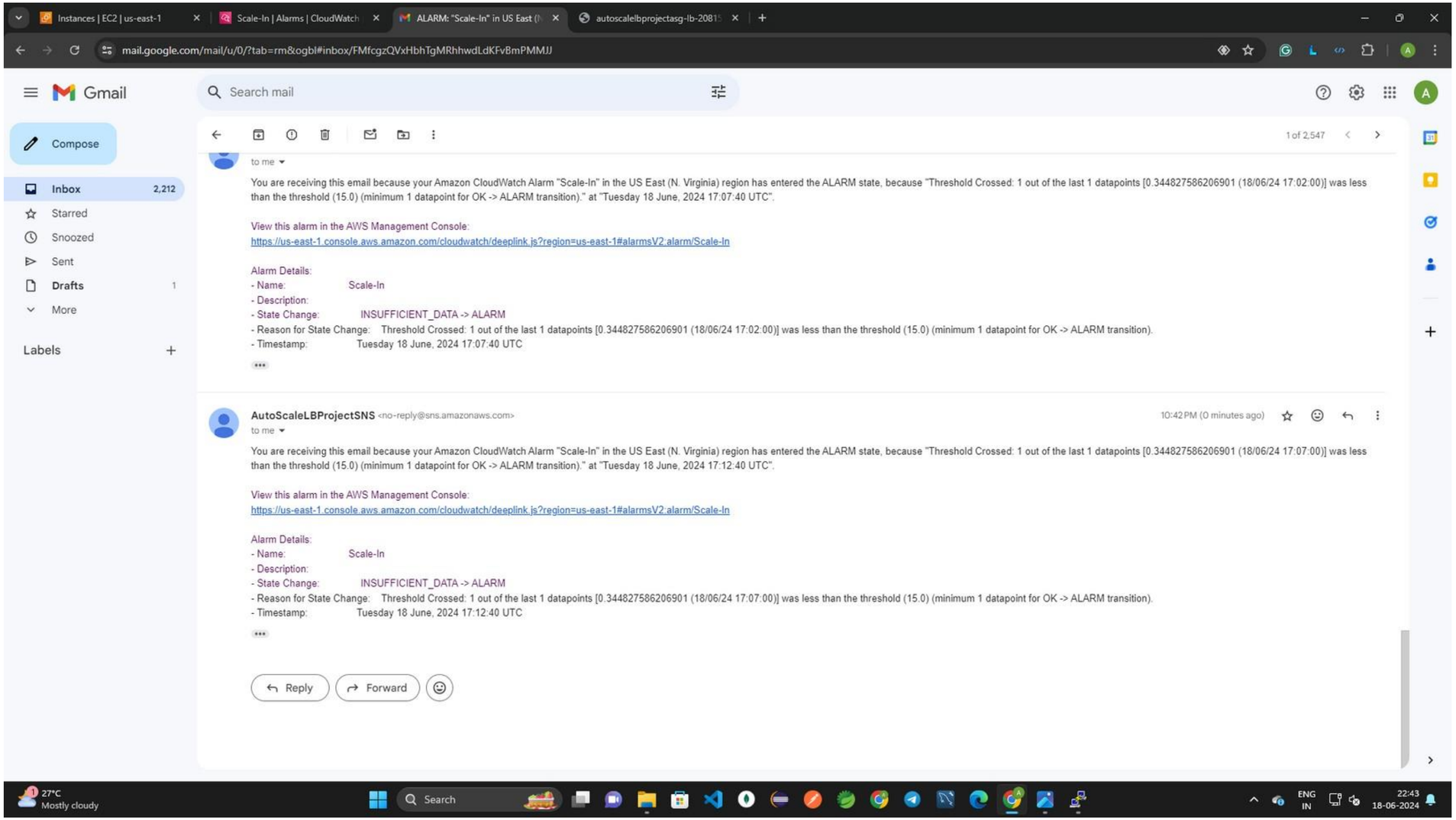
Check CPU Utilization with top command-

```
ec2-user@ip-172-31-47-135:~
top - 17:09:37 up 18 min,  1 user,  load average: 2.43, 4.01, 2.82
Tasks: 107 total,   1 running, 106 sleeping,   0 stopped,   0 zombie
%Cpu(s):  0.0 us,  0.0 sy,  0.0 ni,100.0 id,  0.0 wa,  0.0 hi,  0.0 si,  0.0 st
MiB Mem :    765.1 total,    134.5 free,    307.6 used,    445.0 buff/cache
MiB Swap:      0.0 total,      0.0 free,      0.0 used.    458.1 avail Mem

    PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
      1 root      20   0  174068  17424  10688 S   0.0   2.2   0:02.30 systemd
      2 root      20   0       0      0      0 S   0.0   0.0   0:00.00 kthreadd
      3 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 rcu_gp
      4 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 rcu_par_gp
      5 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 slub_flushwq
      6 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 netns
      7 root      20   0       0      0      0 I   0.0   0.0   0:00.26 kworker/0:0-events
      8 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kworker/0:0H-events_highpri
      9 root      20   0       0      0      0 I   0.0   0.0   0:00.02 kworker/u30:0-events_unbound
     10 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 mm_percpu_wq
     11 root      20   0       0      0      0 I   0.0   0.0   0:00.35 kworker/u30:1-events_unbound
     12 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_kthre
     13 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_rude_
     14 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_trace
     15 root      20   0       0      0      0 S   0.0   0.0   0:00.04 ksoftirqd/0
     16 root      20   0       0      0      0 S   0.0   0.0   0:01.57 pr/ttyS0
     17 root      20   0       0      0      0 S   0.0   0.0   0:00.70 pr/tty0
     18 root      20   0       0      0      0 I   0.0   0.0   0:00.07 rcu_preempt
     19 root      rt   0       0      0      0 S   0.0   0.0   0:00.00 migration/0
     20 root     -51   0       0      0      0 S   0.0   0.0   0:00.00 idle_inject/0
     22 root      20   0       0      0      0 S   0.0   0.0   0:00.00 cpuhp/0
     24 root      20   0       0      0      0 S   0.0   0.0   0:00.00 kdevtmpfs
     25 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 inet_frag_wq
     26 root      20   0       0      0      0 S   0.0   0.0   0:00.00 kauditd
     27 root      20   0       0      0      0 S   0.0   0.0   0:00.00 khungtaskd
     29 root      20   0       0      0      0 S   0.0   0.0   0:00.00 oom_reaper
     30 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 writeback
     31 root      20   0       0      0      0 S   0.0   0.0   0:00.03 kcompactd0
     32 root      25   5       0      0      0 S   0.0   0.0   0:00.00 ksmd
     33 root      39  19       0      0      0 S   0.0   0.0   0:00.00 khugepaged
     34 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 cryptd
     35 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kintegrityd
     36 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kblockd
     37 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 blkcg_punt_bio
     38 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 tpm_dev_wq
     39 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 md
     40 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 md_bitmap
     41 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 edac-poller
     42 root     -51   0       0      0      0 S   0.0   0.0   0:00.00 watchdogd
     43 root       0 -20       0      0      0 I   0.0   0.0   0:00.04 kworker/0:1H-kblockd
     44 root      20   0       0      0      0 S   0.0   0.0   0:00.02 kswapd0
     50 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kthrotld
     54 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 acpi_thermal_pm
     55 root      20   0       0      0      0 S   0.0   0.0   0:00.00 xenbus
     56 root      20   0       0      0      0 S   0.0   0.0   0:00.00 xenwatch
     57 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kmpath_rdacd
     58 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kaluad
     59 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 mld
     60 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 ipv6_addrconf
```

Scale-In Alarm Triggered-



Scale-In Alarm Triggered Mail-



to me

You are receiving this email because your Amazon CloudWatch Alarm "Scale-In" in the US East (N. Virginia) region has entered the ALARM state, because "Threshold Crossed: 1 out of the last 1 datapoints [0.344827586206901 (18/06/24 17:02:00)] was less than the threshold (15.0) (minimum 1 datapoint for OK -> ALARM transition)." at "Tuesday 18 June, 2024 17:07:40 UTC".

View this alarm in the AWS Management Console:
https://us-east-1.console.aws.amazon.com/cloudwatch/deeplink.js?region=us-east-1#alarmsV2:alarm/Scale-In

Alarm Details:
- Name: Scale-In
- Description:
- State Change: INSUFFICIENT_DATA -> ALARM
- Reason for State Change: Threshold Crossed: 1 out of the last 1 datapoints [0.344827586206901 (18/06/24 17:02:00)] was less than the threshold (15.0) (minimum 1 datapoint for OK -> ALARM transition).
- Timestamp: Tuesday 18 June, 2024 17:07:40 UTC

AutoScaleLBProjectSNS <no-reply@sns.amazonaws.com> 10:42 PM (0 minutes ago)
to me

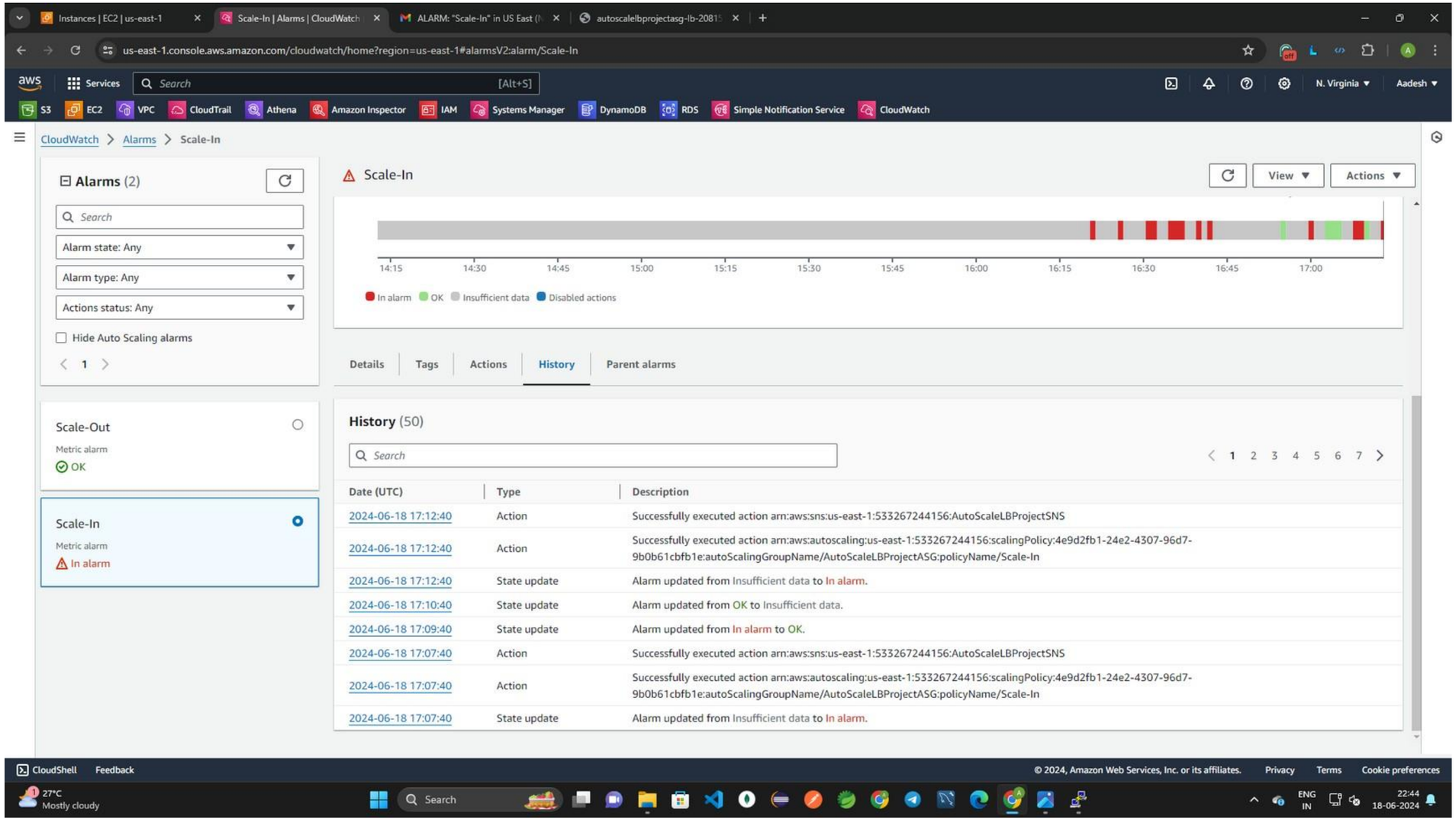
You are receiving this email because your Amazon CloudWatch Alarm "Scale-In" in the US East (N. Virginia) region has entered the ALARM state, because "Threshold Crossed: 1 out of the last 1 datapoints [0.344827586206901 (18/06/24 17:07:00)] was less than the threshold (15.0) (minimum 1 datapoint for OK -> ALARM transition)." at "Tuesday 18 June, 2024 17:12:40 UTC".

View this alarm in the AWS Management Console:
https://us-east-1.console.aws.amazon.com/cloudwatch/deeplink.js?region=us-east-1#alarmsV2:alarm/Scale-In

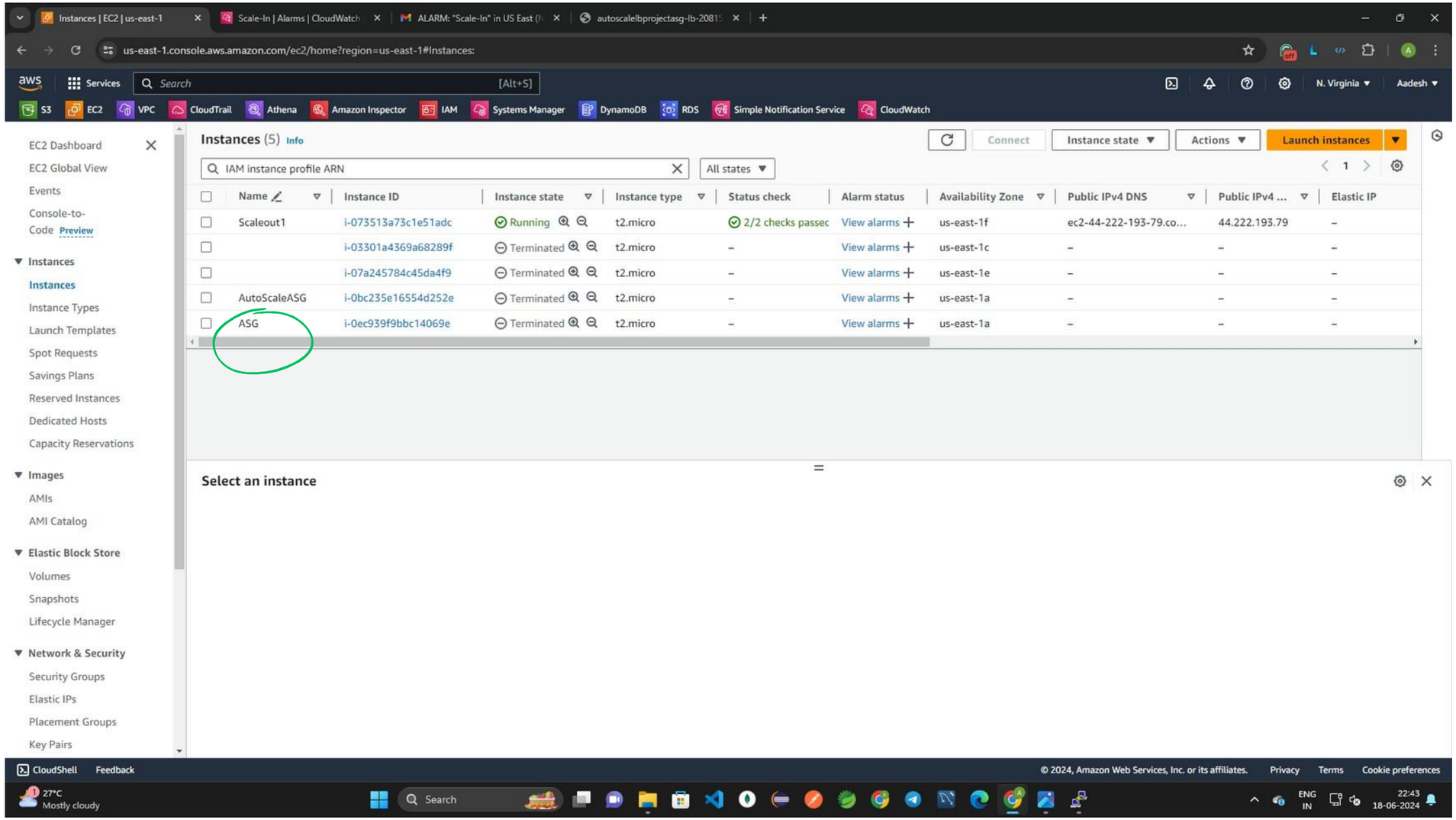
Alarm Details:
- Name: Scale-In
- Description:
- State Change: INSUFFICIENT_DATA -> ALARM
- Reason for State Change: Threshold Crossed: 1 out of the last 1 datapoints [0.344827586206901 (18/06/24 17:07:00)] was less than the threshold (15.0) (minimum 1 datapoint for OK -> ALARM transition).
- Timestamp: Tuesday 18 June, 2024 17:12:40 UTC

Reply Forward

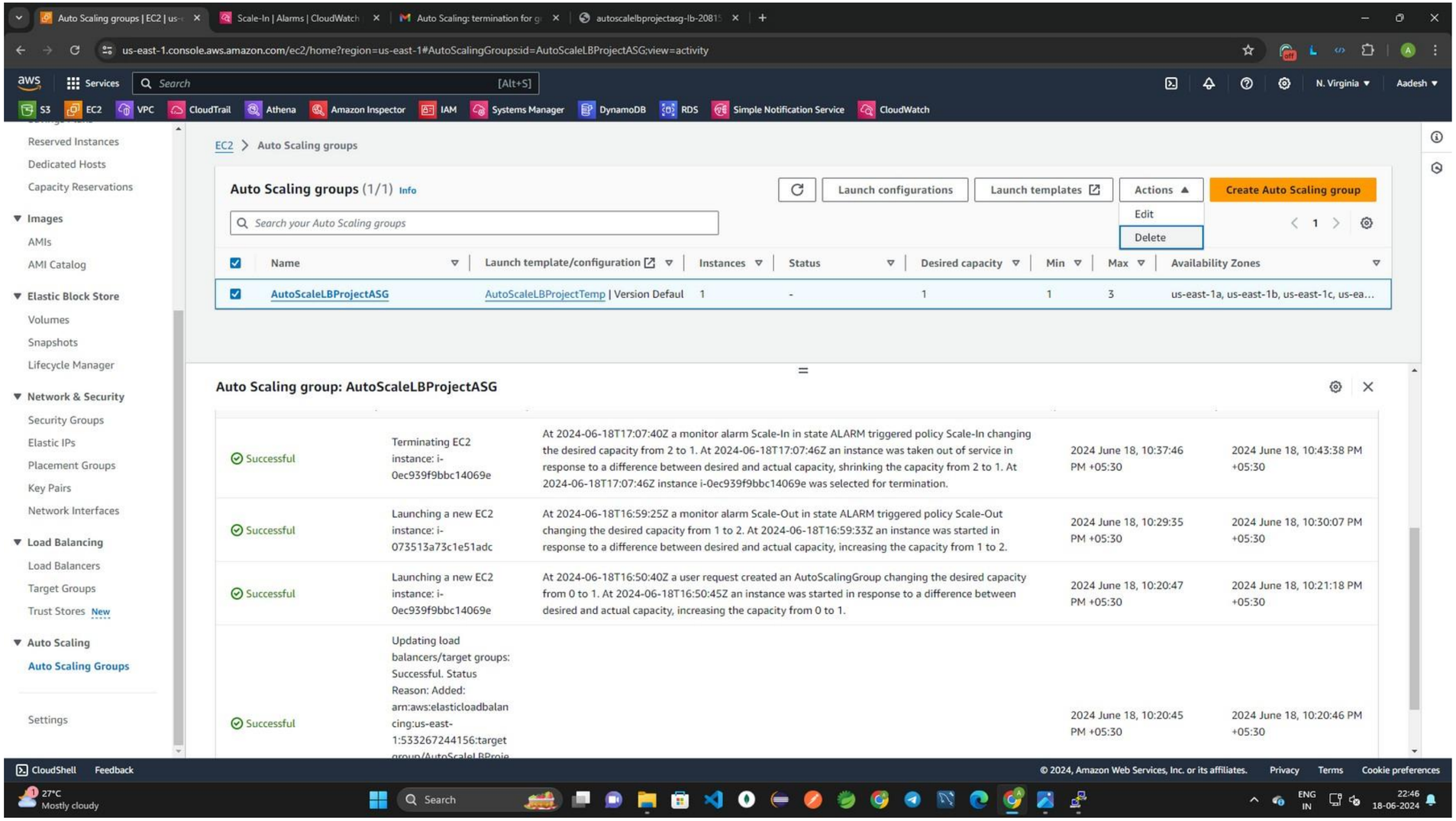
Alarm History



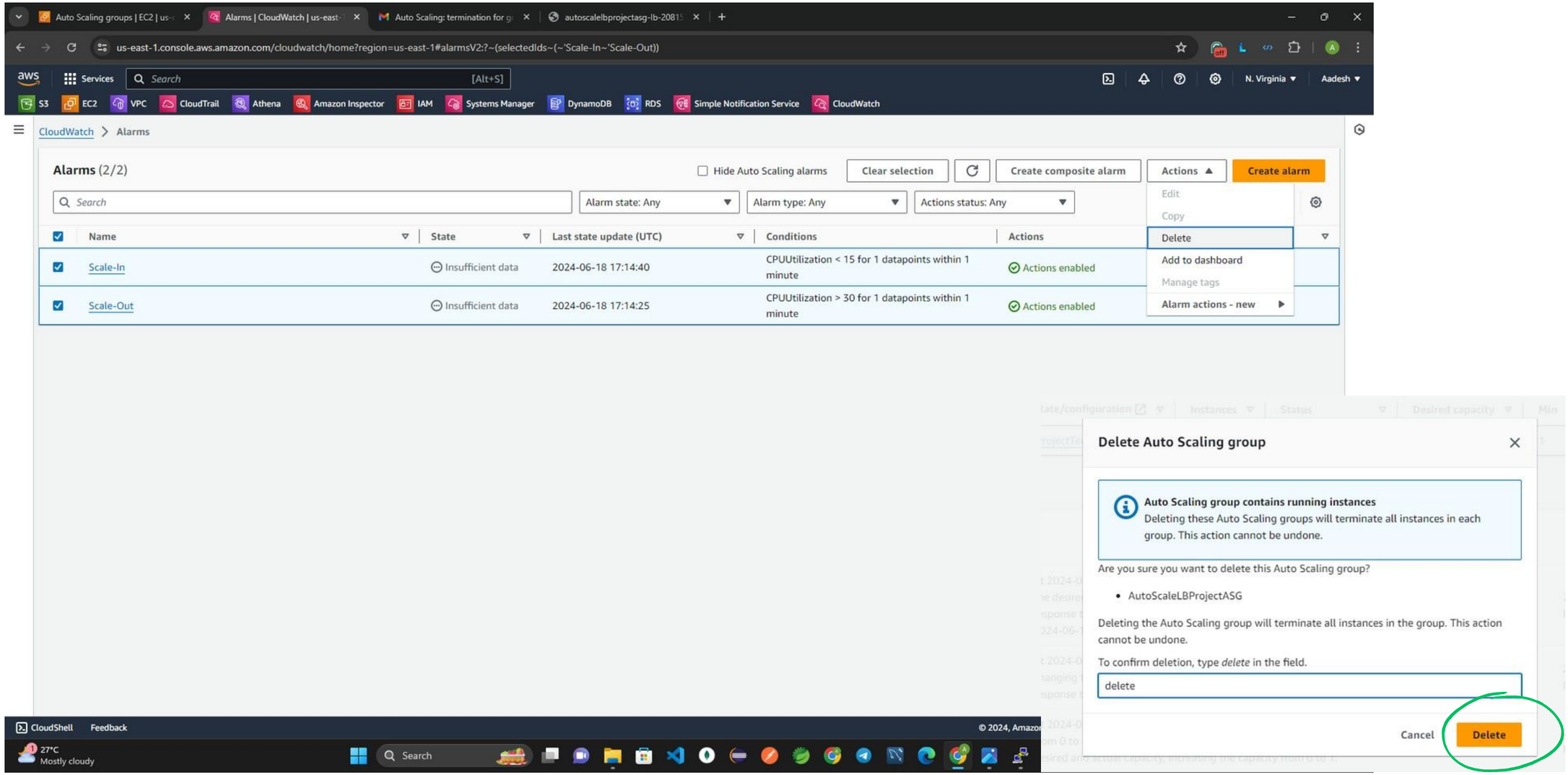
ASG EC2 Instance/server Terminated successfully-



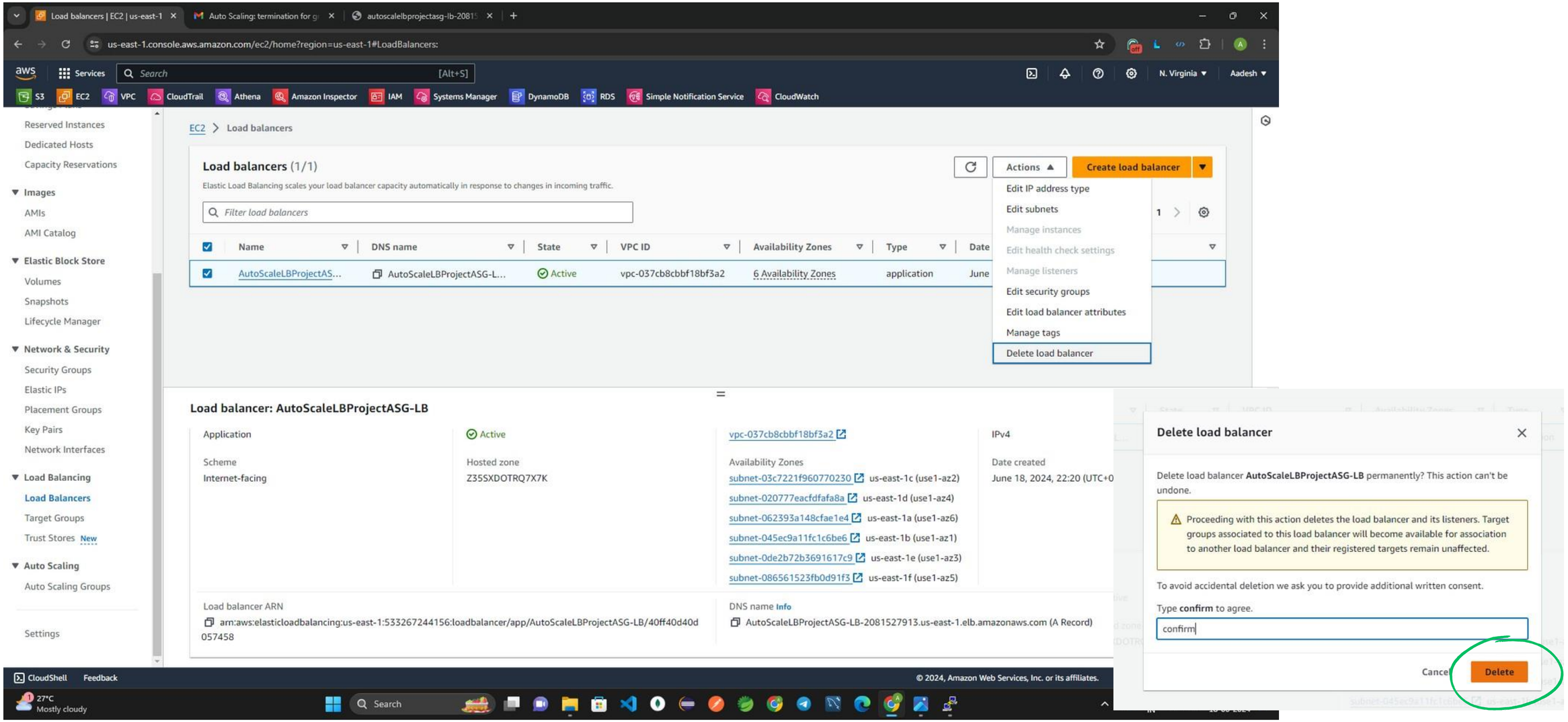
Auto Scaling Groups Activity



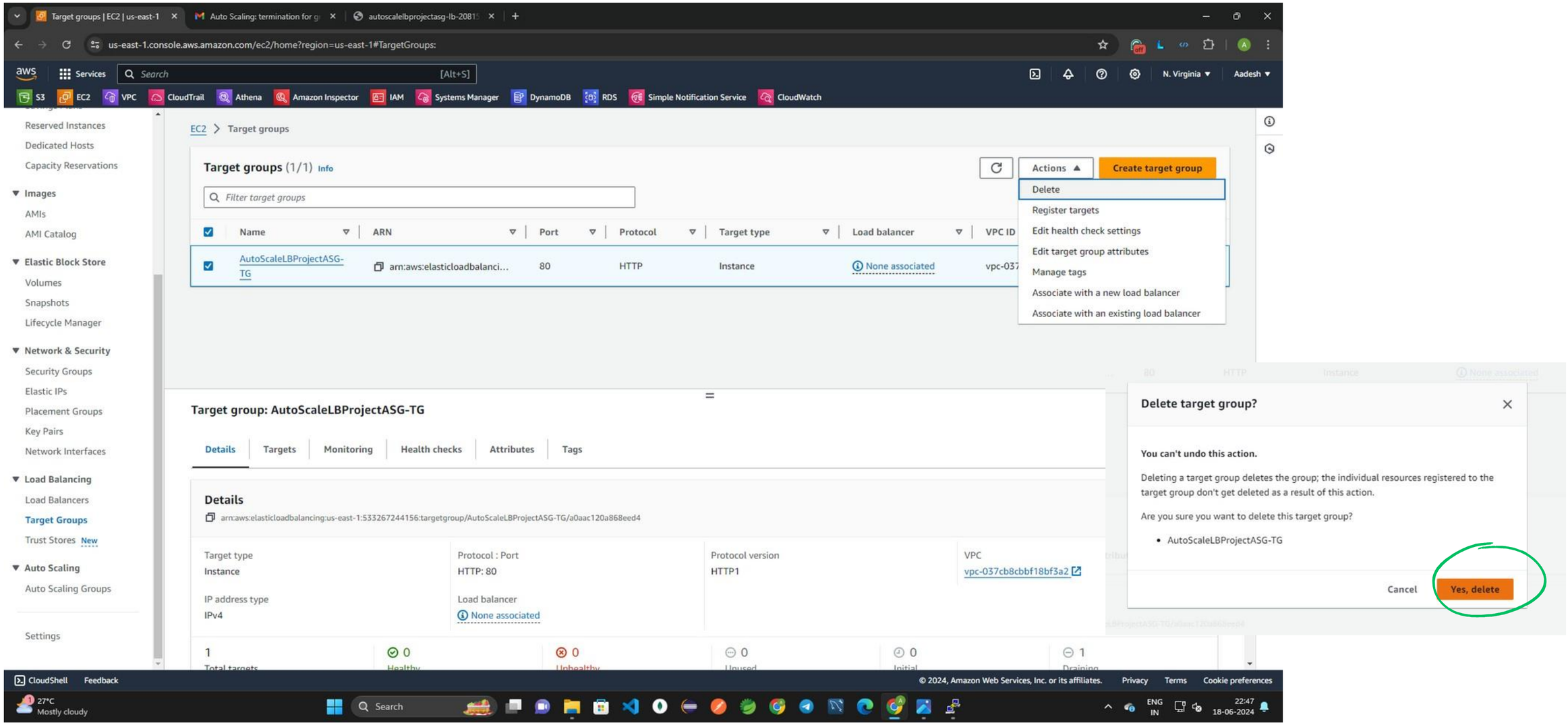
Delete Alarms-



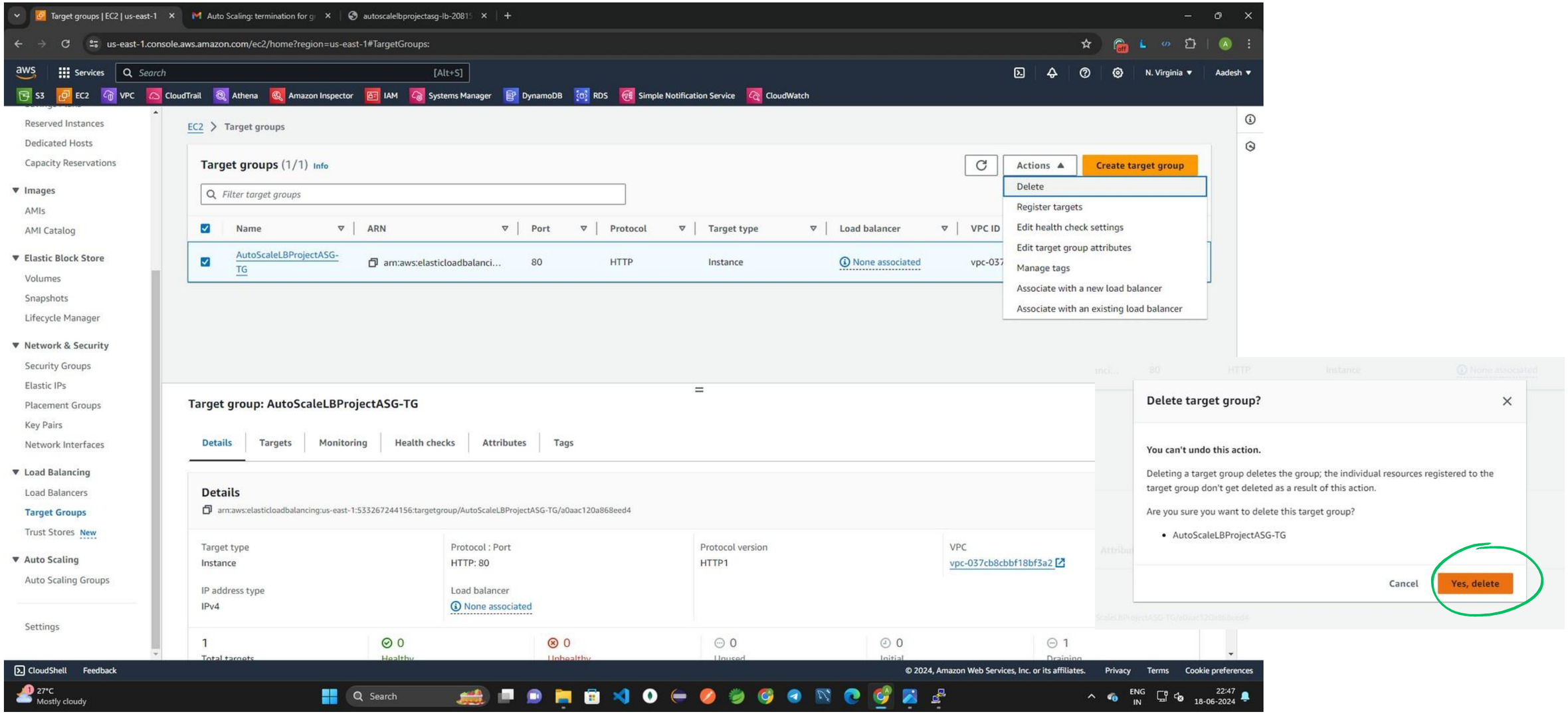
Delete Load Balancer-



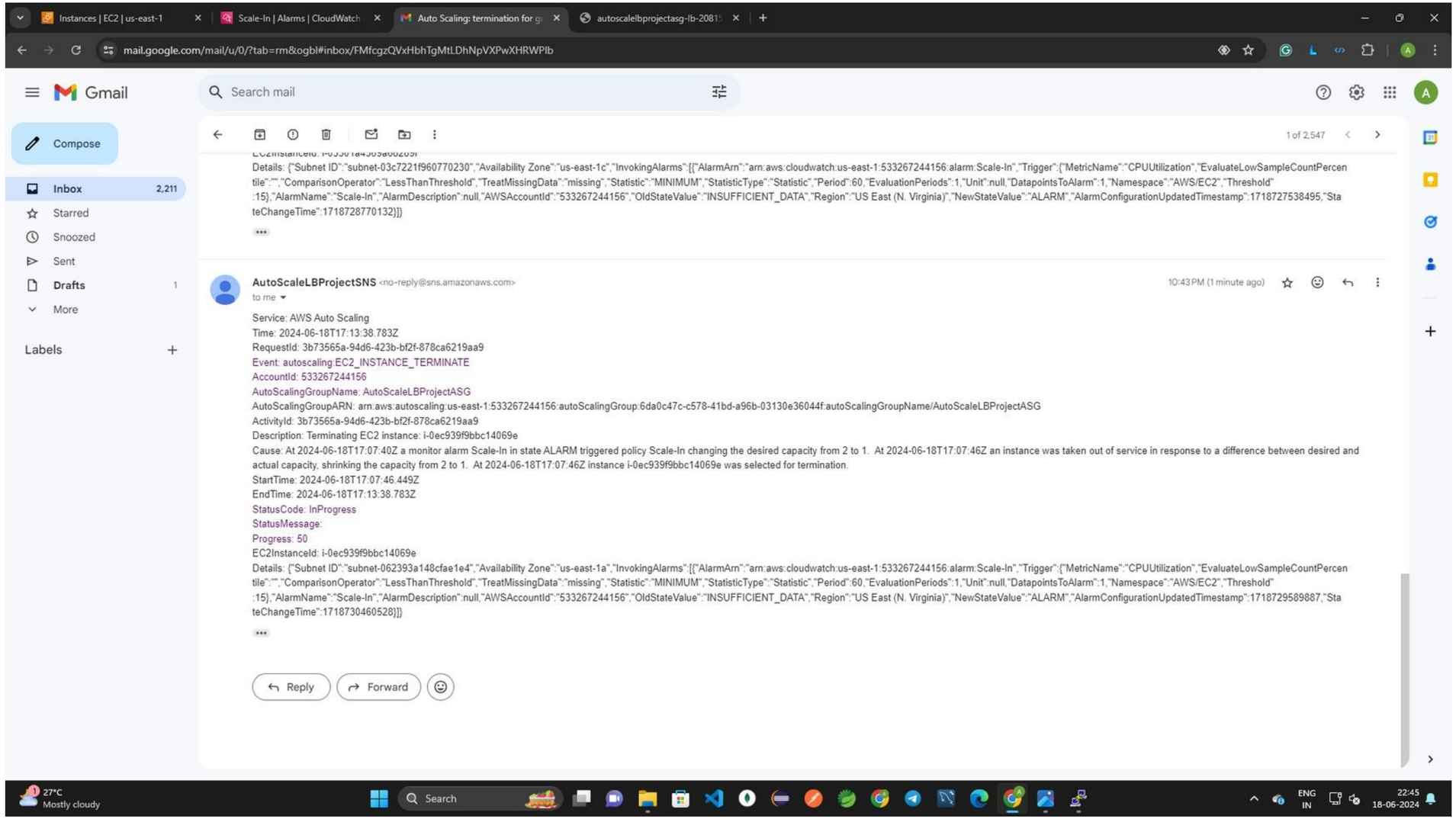
Delete Target Group-



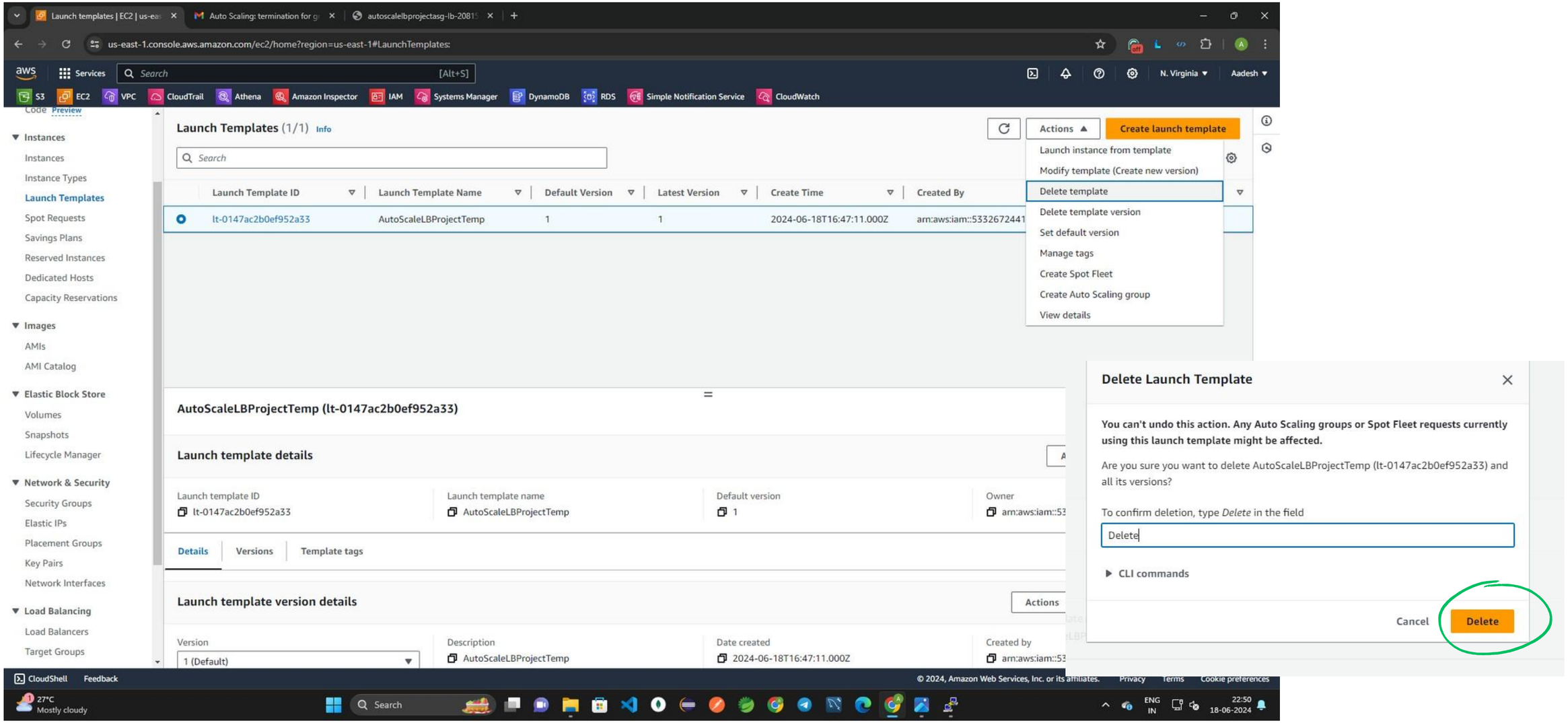
Delete Auto scaling Groups -



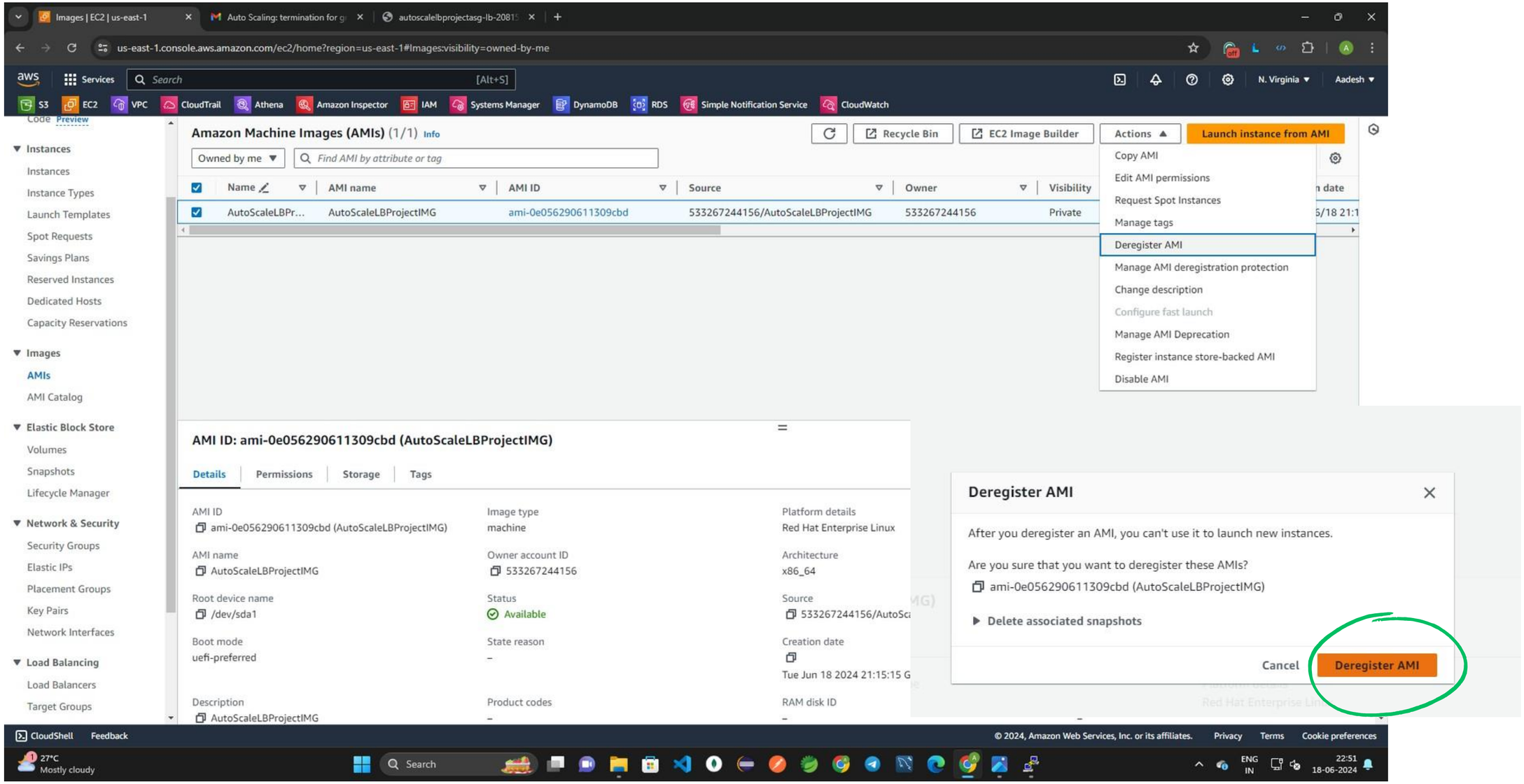
Auto-scaling EC2 Instance Terminated



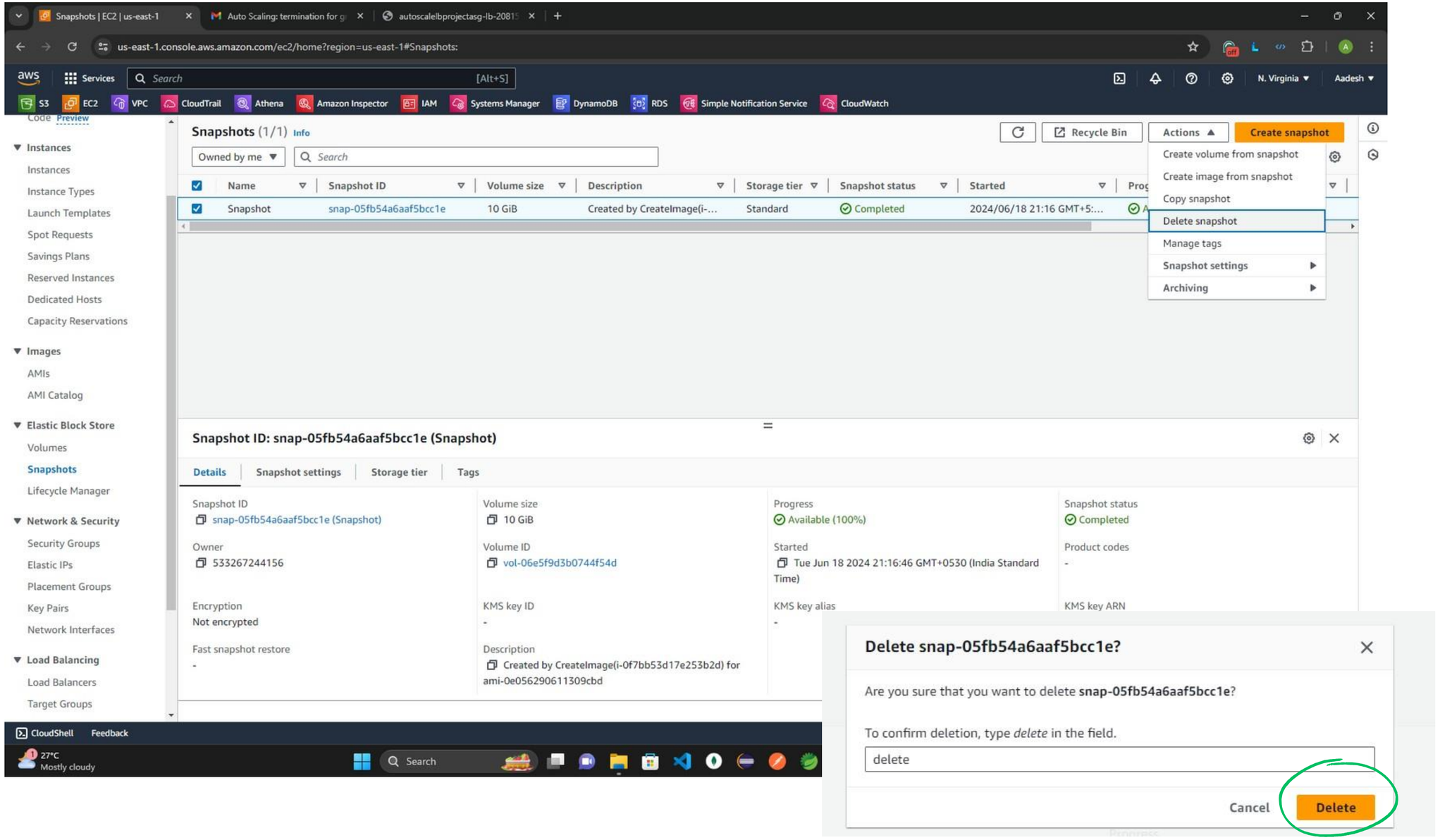
Delete Launch Template -



Deregister/Delete AMI-



Delete Snapshots-



THANK YOU:)