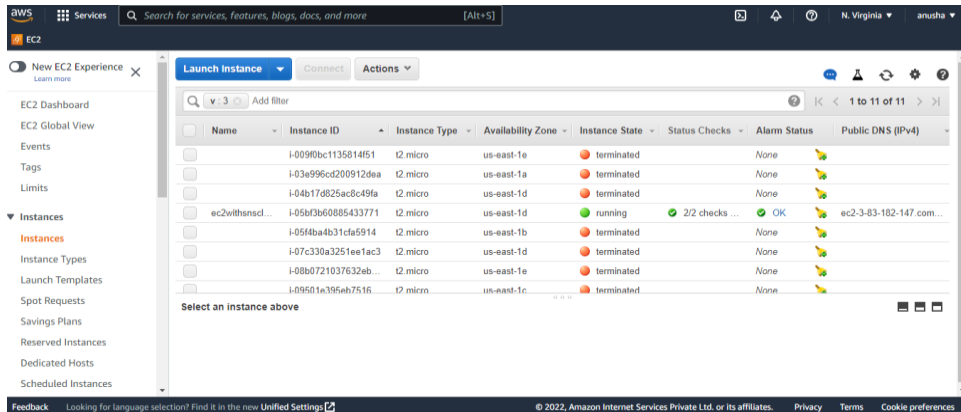
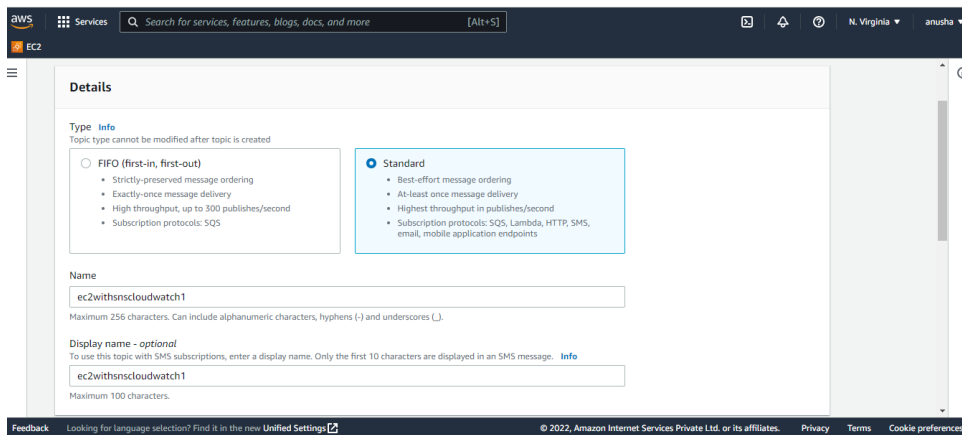


CloudWatch Integration with EC2, SNS, ASG, ALB

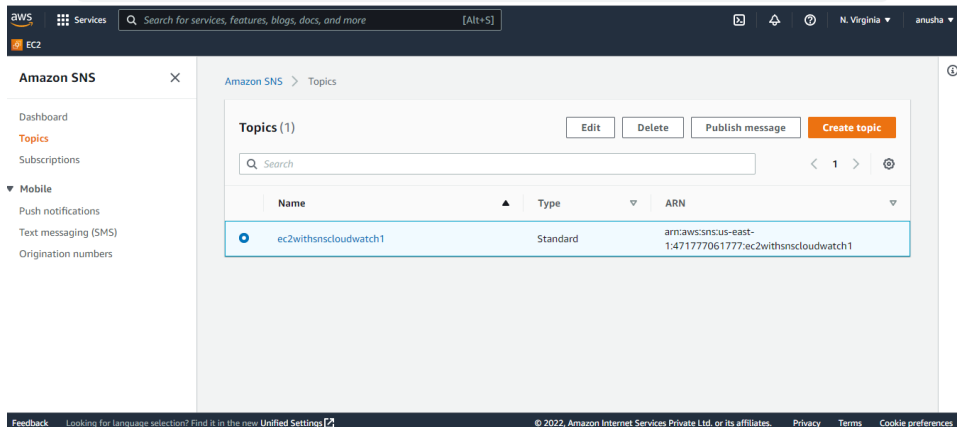
1. Login aws account
2. To create ec2 instance



3. create SNS topic>>my topic>>ec2withsnscloudwatch1>>next



4. Topic is successfully created



5. To add subscription>>select protocol>>email>>next

The screenshot shows the 'Create subscription' page in the AWS Management Console. The 'Topic ARN' field is populated with 'arn:aws:sns:us-east-1:471777061777:ec2withsnscloudwatch1'. The 'Protocol' dropdown is set to 'Email'. The 'Endpoint' field contains the email address 'pasupuletianusha66@gmail.com'.

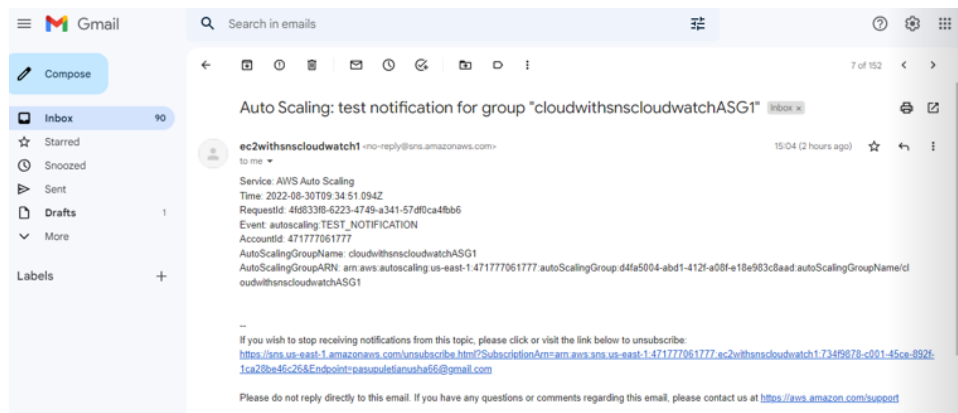
Create subscription

Details

Topic ARN
arn:aws:sns:us-east-1:471777061777:ec2withsnscloudwatch1

Protocol
The type of endpoint to subscribe
Email

Endpoint
An email address that can receive notifications from Amazon SNS.
pasupuletianusha66@gmail.com



6. subscription is successfully confirmed

The screenshot shows the 'Amazon SNS' page in the AWS Management Console. The 'Subscriptions' tab is selected, showing a table with one subscription. The subscription is confirmed and uses the email protocol.

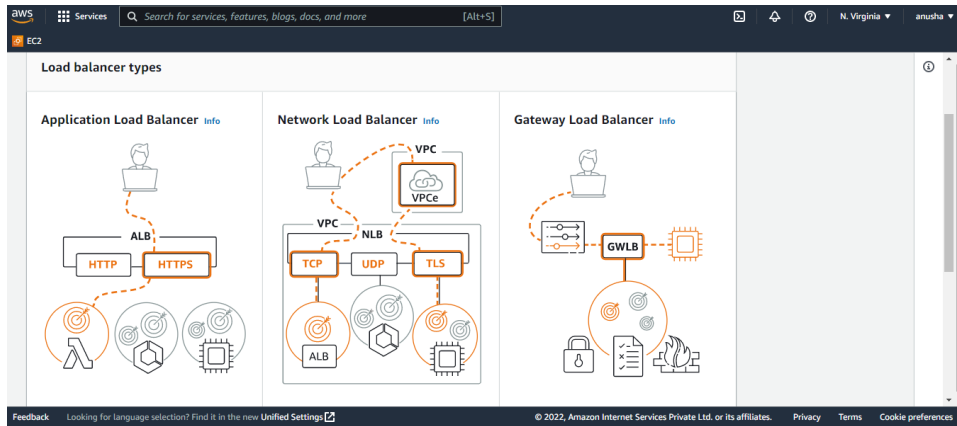
Amazon SNS

ARN: arn:aws:sns:us-east-1:471777061777:ec2withsnscloudwatch1
Type: Standard
Topic owner: 471777061777

Subscriptions (1)

ID	Endpoint	Status	Protocol
734f9878-c001-45ce-892f-1ca28be46c26	pasupuletianusha66@gmail.com	Confirmed	EMAIL

7. To create load balancer>>you can choose application load balance>>and attach target group



aws Services Search for services, features, blogs, docs, and more [Alt+S] N. Virginia anusha

EC2 Security groups

Select up to 5 security groups

Create new security group [Create new security group](#)

default sg-0b3a73d3682d55158 VPC: vpc-0cab71ecc9a00209c

ec2withsnscloudwatch1 sg-082730c4ff6c3a34b VPC: vpc-0cab71ecc9a00209c

Listeners and routing [Info](#)

A listener is a process that checks for connection requests using the port and protocol you configure. The rules that you define for a listener determine how the load balancer routes requests to its registered targets.

▼ Listener HTTP:80 [Remove](#)

Protocol HTTP Port 80

Default action [Info](#)

Forward to Select a target group

1-65535 [Create target group](#)

Feedback Looking for language selection? Find it in the new Unified Settings [Settings icon] © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences

aws Services Search for services, features, blogs, docs, and more [Alt+S] N. Virginia anusha

EC2 Target groups Create target group

Step 1 Specify group details

Step 2 Register targets

Specify group details

Your load balancer routes requests to the targets in a target group and performs health checks on the targets.

Basic configuration

Settings in this section cannot be changed after the target group is created.

Choose a target type

☒ Instances

- Supports load balancing to instances within a specific VPC.
- Facilitates the use of Amazon EC2 Auto Scaling [to manage and scale your EC2 capacity.](#)

☐ IP addresses

- Supports load balancing to VPC and on-premises resources.
- Facilitates routing to multiple IP addresses and network interfaces on the same instance.
- Offers flexibility with microservice based architectures, simplifying inter-application communication.
- Supports IPv6 targets, enabling end-to-end IPv6 communication, and IPv4-to-IPv6 NAT.

aws

Services

Search for services, features, blogs, docs, and more

[Alt+S]

N. Virginia

anusha

EC2

Target group name

mytargetgroup1

A maximum of 32 alphanumeric characters including hyphens are allowed, but the name must not begin or end with a hyphen.

Protocol

HTTP

Port

80

VPC

Select the VPC with the instances that you want to include in the target group.

vpc-0cab71ecc9a00209c
IPv4: 172.31.0.0/16

Protocol version

☒ HTTP1

Send requests to targets using HTTP/1.1. Supported when the request protocol is HTTP/1.1 or HTTP/2.

☐ HTTP2

Send requests to targets using HTTP/2. Supported when the request protocol is HTTP/2 or gRPC, but gRPC-specific features are not available.

☐ gRPC

Send requests to targets using gRPC. Supported when the request protocol is gRPC.

Feedback

Looking for language selection? Find it in the new [Unified Settings](#)

© 2022, Amazon Internet Services Private Ltd. or its affiliates.

Privacy

Terms

Cookie preferences

Connect to instance

EC2 Instance Connect

Simple Notification S...

Load balancers | EC2

Target groups | EC2

3.83.182.147

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#CreateTargetGroup:protocol=HTTP&vpc=vpc-0cab71ecc9a00209c

aws

Services

Search for services, features, blogs, docs, and more

[Alt+S]

N. Virginia

anusha

EC2

Step 1

Specify group details

Step 2

Register targets

Register targets

This is an optional step to create a target group. However, to ensure that your load balancer routes traffic to this target group you must register your targets.

Available instances (1)

Filter resources by property or value

< 1 >

<input type="checkbox"/>	Instance ID	Name	State	Security groups	Zone	Subnet ID
<input type="checkbox"/>	i-05bf3b60885433771	ec2withsnscloudwatch	running	ec2withsnscloudwatch1	us-east-1d	subnet-071cf22cf5dba2f3

0 selected

Ports for the selected instances

Ports for routing traffic to the selected instances.

80

1-65535 (separate multiple ports with commas)

Include as pending below

Feedback

Looking for language selection? Find it in the new [Unified Settings](#)

© 2022, Amazon Internet Services Private Ltd. or its affiliates.

Privacy

Terms

Cookie preferences

ec2withsnscloud...pem

Show all

Type here to search

28°C Partly sunny

2:21 PM 8/30/2022

Connect to instance

EC2 Instance Connect

Simple Notification S...

Load balancers | EC2

Target groups | EC2

3.83.182.147

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#CreateTargetGroup:protocol=HTTP&vpc=vpc-0cab71ecc9a00209c

aws

Services

Search for services, features, blogs, docs, and more

[Alt+S]

N. Virginia

anusha

EC2

Include as pending below

1 selection is now pending below. Include more or register targets when ready.

Review targets

Targets (1)

All

Filter resources by property or value

< 1 >

Remove all pending

Remove	Health status	Instance ID	Name	Port	State	Security groups	Zone	Subnet ID
X	Pending	i-05bf3b60885433771	ec2withsnscloudwatch	80	running	ec2withsnscloudwatch1	us-east-1d	subnet-071cf22cf5dba2f3

1 pending

Cancel

Previous

Create target group

Feedback

Looking for language selection? Find it in the new [Unified Settings](#)

© 2022, Amazon Internet Services Private Ltd. or its affiliates.

Privacy

Terms

Cookie preferences

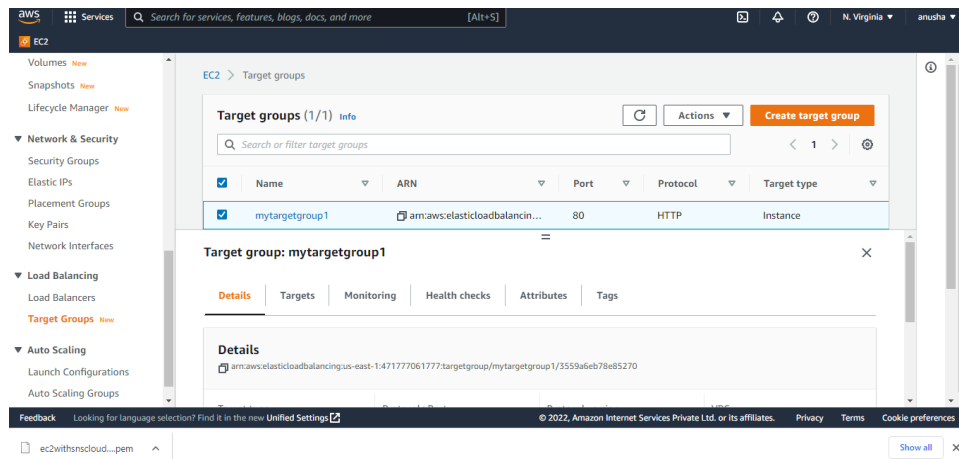
ec2withsnscloud...pem

Show all

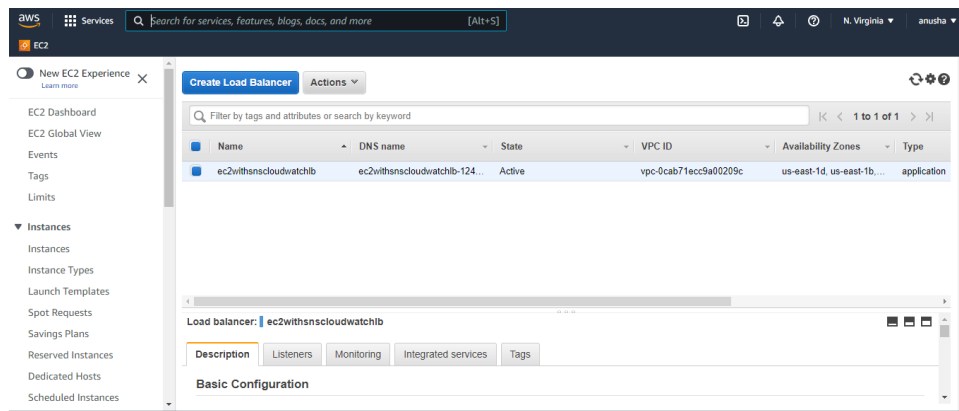
Type here to search

28°C Partly sunny

2:21 PM 8/30/2022

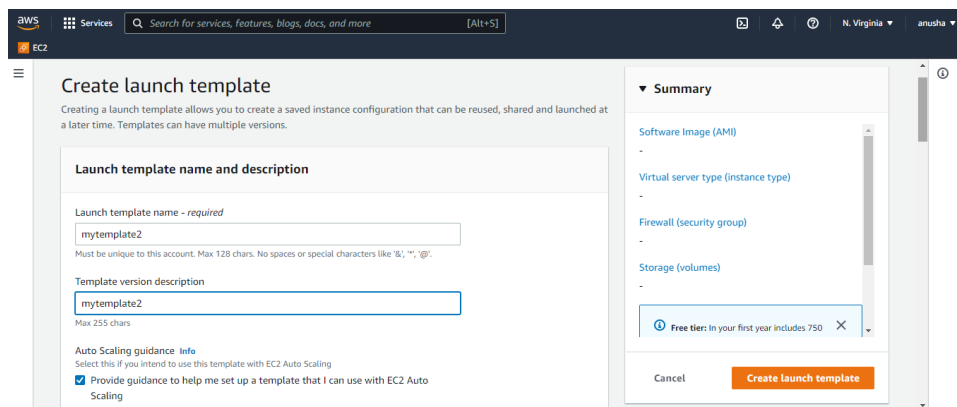
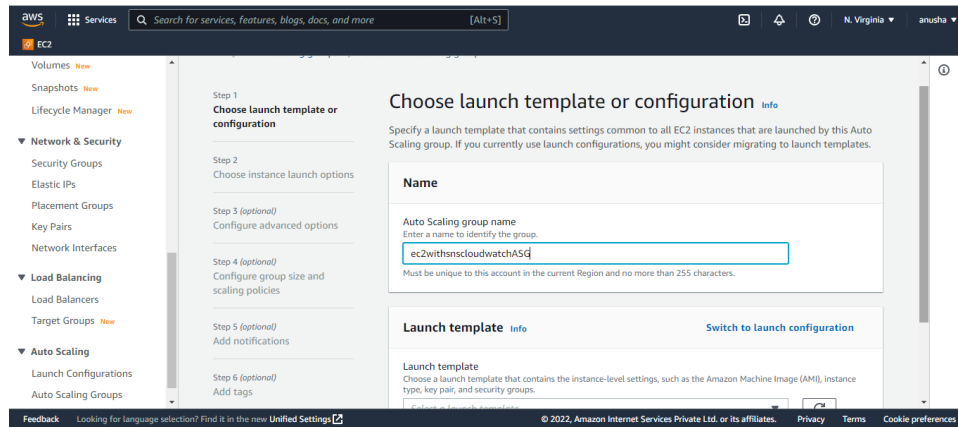
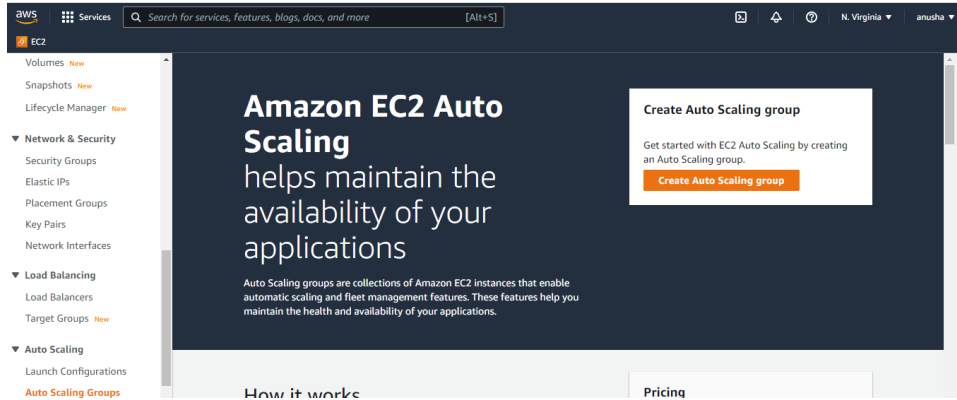


8. successfully load balancer is created



9. Create auto scaling group with exiting load balancer>>

Before creating ASG >>create launch template with existing instance AMI



aws

Services

Search for services, features, blogs, docs, and more

[Alt+S]

N. Virginia

anusha

EC2

Application and OS Images (Amazon Machine Image) - required

Info

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below.

Search our full catalog including 1000s of application and OS images

AMI from catalog

Recents

Quick Start

Amazon Machine Image (AMI)

amzn2-ami-kernel-5.10-hvm-2.0.20220805.0-x86_64-gp2

ami-05fa00d4c63e32376

Free tier eligible

Verified provider

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

ENA Enabled

Yes

Catalog

Published

Architecture

Virtualization

Root device type

Quickstart AMIs

2022-08-17T23:46:15.00Z

x86_64

hvm

ebs

Summary

Software Image (AMI)

Amazon Linux 2 AMI (HVM) - Ker...read more

ami-05fa00d4c63e32376

Virtual server type (instance type)

-

Firewall (security group)

-

Storage (volumes)

1 volume(s) - 8 GiB

Cancel

Create launch template

Feedback

Looking for language selection? Find it in the new [Unified Settings](#)

© 2022, Amazon Internet Services Private Ltd. or its affiliates.

Privacy

Terms

Cookie preferences

aws

Services

Search for services, features, blogs, docs, and more

[Alt+S]

N. Virginia

anusha

EC2

Instance type

Info

Advanced

Instance type

t2.micro

Family: t2

1 vCPU

1 GiB Memory

On-Demand Linux pricing: 0.0116 USD per Hour

On-Demand Windows pricing: 0.0162 USD per Hour

Free tier eligible

Compare instance types

Key pair (login)

Info

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name

Don't include in launch template

Create new key pair

Summary

Software Image (AMI)

Amazon Linux 2 AMI (HVM) - Ker...read more

ami-05fa00d4c63e32376

Virtual server type (instance type)

t2.micro

Firewall (security group)

-

Storage (volumes)

1 volume(s) - 8 GiB

Cancel

Create launch template

aws

Services

Search for services, features, blogs, docs, and more

[Alt+S]

N. Virginia

anusha

EC2

Network Settings

Info

Subnet

Don't include in launch template

Create new subnet

When you specify a subnet, a network interface is automatically added to your template.

Firewall (security groups) Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

Select existing security group

Create security group

Security groups Info

Select security groups

Compare security group rules

ec2withsnscloudwatch1 sg-082730c4ff6c3a34b

VPC: vpc-0cab71ecc9a00209c

Advanced network configuration

Summary

Software Image (AMI)

Amazon Linux 2 AMI (HVM) - Ker...read more

ami-05fa00d4c63e32376

Virtual server type (instance type)

t2.micro

Firewall (security group)

ec2withsnscloudwatch1

Storage (volumes)

1 volume(s) - 8 GiB

Cancel

Create launch template

The screenshot displays the AWS Management Console interface for configuring an Auto Scaling group. The left-hand navigation pane includes sections for Volumes, Snapshots, Lifecycle Manager, Network & Security, Load Balancing, and Auto Scaling. The 'Auto Scaling' section is expanded, showing 'Launch Configurations' and 'Auto Scaling Groups'. The main content area is titled 'Scaling group. If you currently use launch configurations, you might consider migrating to launch templates.' It contains three main sections: 'Name' with a text input field containing 'ec2withonscloudwatchASG', 'Launch template' with a dropdown menu set to 'mytemplate2' and a 'Switch to launch configuration' link, and 'Version' with a dropdown menu set to 'Default (1)'. A 'Feedback' link is located at the bottom left, and a footer at the bottom right contains copyright information and links for Privacy, Terms, and Cookie preferences.

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#CreateAutoScalingGroup

aws Services Search for services, features, blogs, docs, and more [Alt+S]

EC2

Volumes **New**

Snapshots **New**

Lifecycle Manager **New**

Network & Security

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

Load Balancing

Load Balancers

Target Groups **New**

Auto Scaling

Launch Configurations

Auto Scaling Groups

Step 1
Choose launch template or configuration

Step 2
Choose instance launch options

Step 3 (optional)
Configure advanced options

Step 4 (optional)
Configure group size and scaling policies

Step 5 (optional)
Add notifications

Step 6 (optional)
Add tags

Choose instance launch options [info](#)

Choose the VPC network environment that your instances are launched into, and customize the instance types and purchase options.

Network [info](#)

For most applications, you can use multiple Availability Zones and let EC2 Auto Scaling balance your instances across the zones. The default VPC and default subnets are suitable for getting started quickly.

VPC
Choose the VPC that defines the virtual network for your Auto Scaling group.

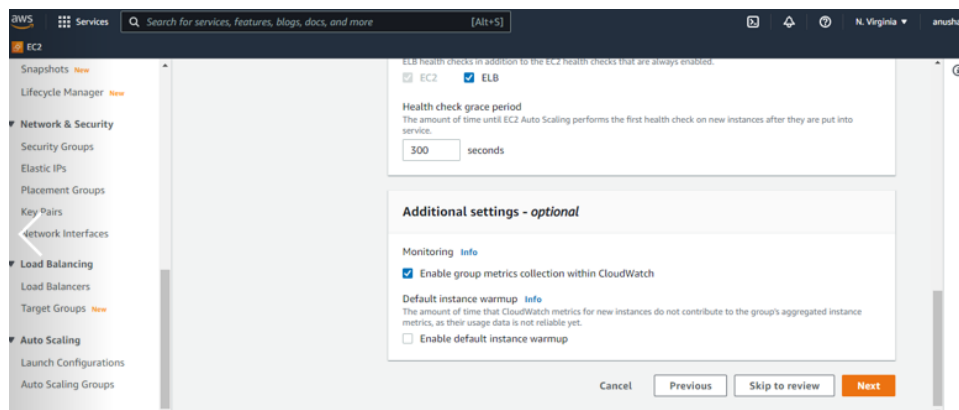
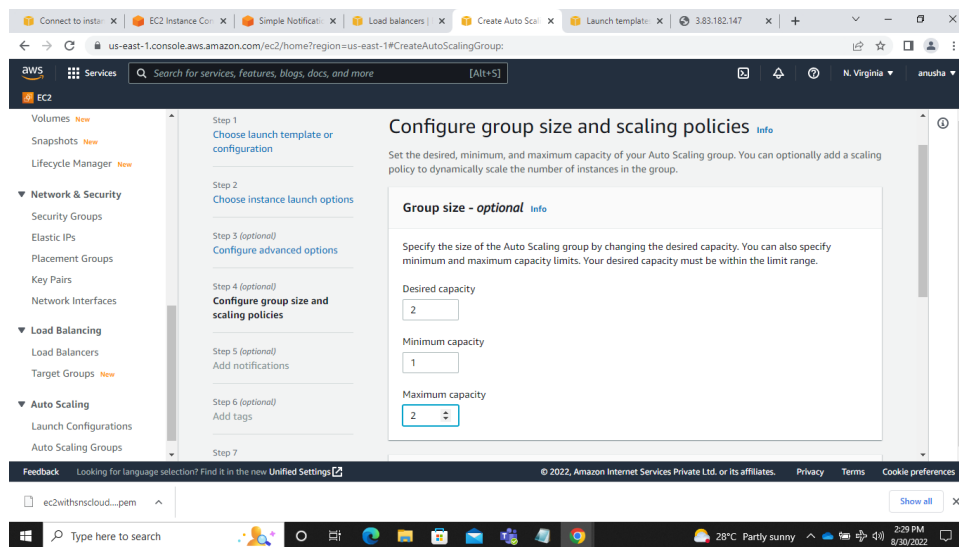
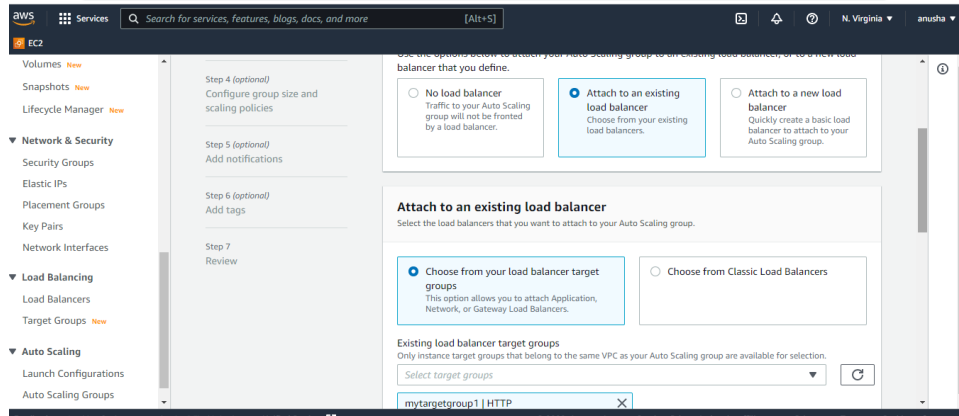
vpc-0cab71ecc9a00209c
172.31.0.0/16 Default

[Create a VPC](#)

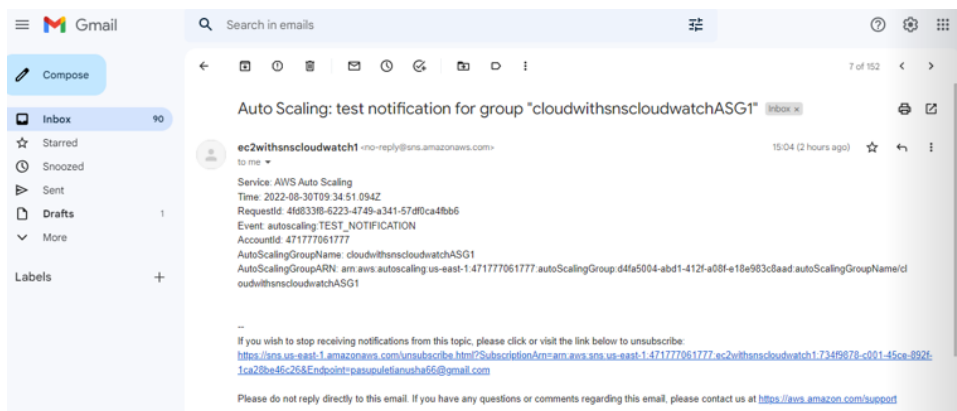
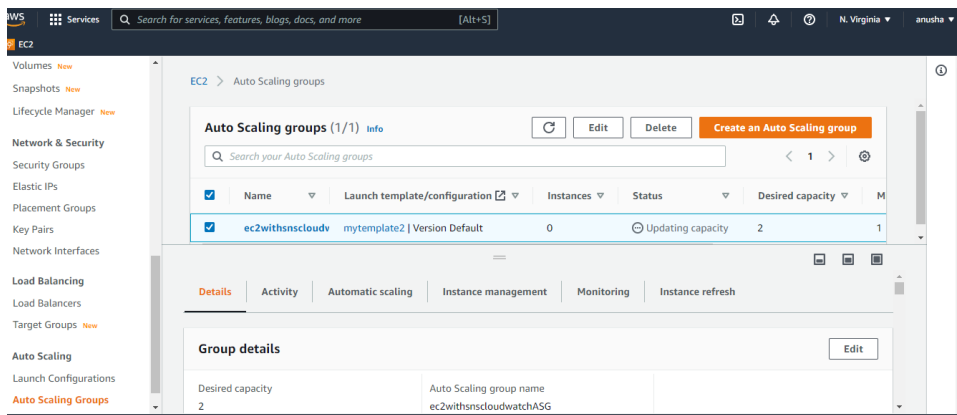
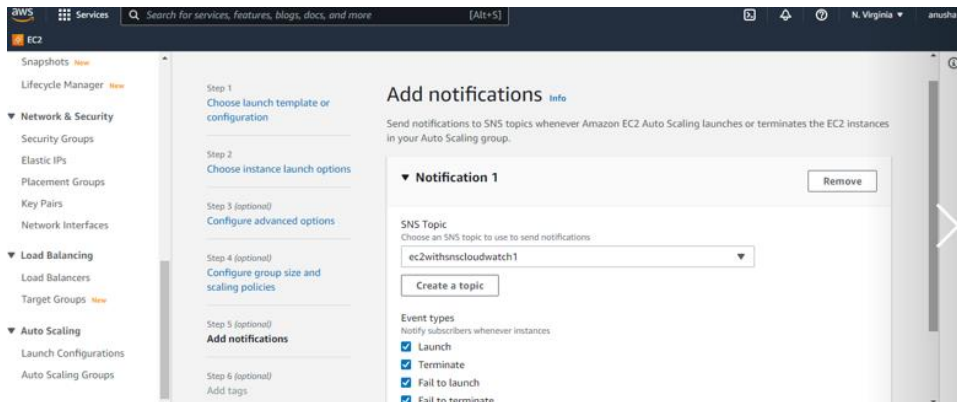
Availability Zones and subnets
Define which Availability Zones and subnets your Auto Scaling group can use in the chosen VPC.

Select Availability Zones and subnets

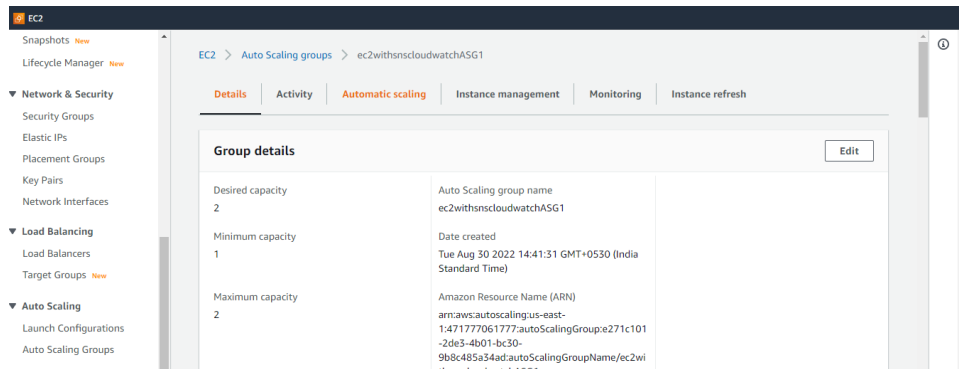
us-east-1a us-east-1b us-east-1c us-east-1d us-east-1e us-east-1f us-east-1g us-east-1h us-east-1i us-east-1j us-east-1k us-east-1l us-east-1m us-east-1n us-east-1o us-east-1p us-east-1q us-east-1r us-east-1s us-east-1t us-east-1u us-east-1v us-east-1w us-east-1x us-east-1y us-east-1z us-east-1aa us-east-1ab us-east-1ac us-east-1ad us-east-1ae us-east-1af us-east-1ag us-east-1ah us-east-1ai us-east-1aj us-east-1ak us-east-1al us-east-1am us-east-1an us-east-1ao us-east-1ap us-east-1aq us-east-1ar us-east-1as us-east-1at us-east-1au us-east-1av us-east-1aw us-east-1ax us-east-1ay us-east-1az us-east-1ba us-east-1bb us-east-1bc us-east-1bd us-east-1be us-east-1bf us-east-1bg us-east-1bh us-east-1bi us-east-1bj us-east-1bk us-east-1bl us-east-1bm us-east-1bn us-east-1bo us-east-1bp us-east-1bq us-east-1br us-east-1bs us-east-1bt us-east-1bu us-east-1bv us-east-1bw us-east-1bx us-east-1by us-east-1bz us-east-1ca us-east-1cb us-east-1cc us-east-1cd us-east-1ce us-east-1cf us-east-1cg us-east-1ch us-east-1ci us-east-1cj us-east-1ck us-east-1cl us-east-1cm us-east-1cn us-east-1co us-east-1cp us-east-1cq us-east-1cr us-east-1cs us-east-1ct us-east-1cu us-east-1cv us-east-1cw us-east-1cx us-east-1cy us-east-1cz us-east-1da us-east-1db us-east-1dc us-east-1dd us-east-1de us-east-1df us-east-1dg us-east-1dh us-east-1di us-east-1dj us-east-1dk us-east-1dl us-east-1dm us-east-1dn us-east-1do us-east-1dp us-east-1dq us-east-1dr us-east-1ds us-east-1dt us-east-1du us-east-1dv us-east-1dw us-east-1dx us-east-1dy us-east-1dz us-east-1ea us-east-1eb us-east-1ec us-east-1ed us-east-1ee us-east-1ef us-east-1eg us-east-1eh us-east-1ei us-east-1ej us-east-1ek us-east-1el us-east-1em us-east-1en us-east-1eo us-east-1ep us-east-1eq us-east-1er us-east-1es us-east-1et us-east-1eu us-east-1ev us-east-1ew us-east-1ex us-east-1ey us-east-1ez us-east-1fa us-east-1fb us-east-1fc us-east-1fd us-east-1fe us-east-1ff us-east-1fg us-east-1fh us-east-1fi us-east-1fj us-east-1fk us-east-1fl us-east-1fm us-east-1fn us-east-1fo us-east-1fp us-east-1fq us-east-1fr us-east-1fs us-east-1ft us-east-1fu us-east-1fv us-east-1fw us-east-1fx us-east-1fy us-east-1fz us-east-1ga us-east-1gb us-east-1gc us-east-1gd us-east-1ge us-east-1gf us-east-1gg us-east-1gh us-east-1gi us-east-1gj us-east-1gk us-east-1gl us-east-1gm us-east-1gn us-east-1go us-east-1gp us-east-1gq us-east-1gr us-east-1gs us-east-1gt us-east-1gu us-east-1gv us-east-1gw us-east-1gx us-east-1gy us-east-1gz us-east-1ha us-east-1hb us-east-1hc us-east-1hd us-east-1he us-east-1hf us-east-1hg us-east-1hi us-east-1hj us-east-1hk us-east-1hl us-east-1hm us-east-1hn us-east-1ho us-east-1hp us-east-1hq us-east-1hr us-east-1hs us-east-1ht us-east-1hu us-east-1hv us-east-1hw us-east-1hx us-east-1hy us-east-1hz us-east-1ia us-east-1ib us-east-1ic us-east-1id us-east-1ie us-east-1if us-east-1ig us-east-1ih us-east-1ii us-east-1ij us-east-1ik us-east-1il us-east-1im us-east-1in us-east-1io us-east-1ip us-east-1iq us-east-1ir us-east-1is us-east-1it us-east-1iu us-east-1iv us-east-1iw us-east-1ix us-east-1iy us-east-1iz us-east-1ja us-east-1jb us-east-1jc us-east-1jd us-east-1je us-east-1jf us-east-1jg us-east-1jh us-east-1ji us-east-1jj us-east-1jk us-east-1jl us-east-1jm us-east-1jn us-east-1jo us-east-1jp us-east-1jq us-east-1jr us-east-1js us-east-1jt us-east-1ju us-east-1jv us-east-1jw us-east-1jx us-east-1jy us-east-1jz us-east-1ka us-east-1kb us-east-1kc us-east-1kd us-east-1ke us-east-1kf us-east-1kg us-east-1kh us-east-1ki us-east-1kj us-east-1kk us-east-1kl us-east-1km us-east-1kn us-east-1ko us-east-1kp us-east-1kq us-east-1kr us-east-1ks us-east-1kt us-east-1ku us-east-1kv us-east-1kw us-east-1kx us-east-1ky us-east-1kz us-east-1la us-east-1lb us-east-1lc us-east-1ld us-east-1le us-east-1lf us-east-1lg us-east-1lh us-east-1li us-east-1lj us-east-1lk us-east-1ll us-east-1lm us-east-1ln us-east-1lo us-east-1lp us-east-1lq us-east-1lr us-east-1ls us-east-1lt us-east-1lu us-east-1lv us-east-1lw us-east-1lx us-east-1ly us-east-1lz us-east-1ma us-east-1mb us-east-1mc us-east-1md us-east-1me us-east-1mf us-east-1mg us-east-1mh us-east-1mi us-east-1mj us-east-1mk us-east-1ml us-east-1mm us-east-1mn us-east-1mo us-east-1mp us-east-1mq us-east-1mr us-east-1ms us-east-1mt us-east-1mu us-east-1mv us-east-1mw us-east-1mx us-east-1my us-east-1mz us-east-1na us-east-1nb us-east-1nc us-east-1nd us-east-1ne us-east-1nf us-east-1ng us-east-1nh us-east-1ni us-east-1nj us-east-1nk us-east-1nl us-east-1nm us-east-1nn us-east-1no us-east-1np us-east-1nq us-east-1nr us-east-1ns us-east-1nt us-east-1nu us-east-1nv us-east-1nw us-east-1nx us-east-1ny us-east-1nz us-east-1oa us-east-1ob us-east-1oc us-east-1od us-east-1oe us-east-1of us-east-1og us-east-1oh us-east-1oi us-east-1oj us-east-1ok us-east-1ol us-east-1om us-east-1on us-east-1oo us-east-1op us-east-1oq us-east-1or us-east-1os us-east-1ot us-east-1ou us-east-1ov us-east-1ow us-east-1ox us-east-1oy us-east-1oz us-east-1pa us-east-1pb us-east-1pc us-east-1pd us-east-1pe us-east-1pf us-east-1pg us-east-1ph us-east-1pi us-east-1pj us-east-1pk us-east-1pl us-east-1pm us-east-1pn us-east-1po us-east-1pp us-east-1pq us-east-1pr us-east-1ps us-east-1pt us-east-1pu us-east-1pv us-east-1pw us-east-1px us-east-1py us-east-1pz us-east-1qa us-east-1qb us-east-1qc us-east-1qd us-east-1qe us-east-1qf us-east-1qg us-east-1qh us-east-1qi us-east-1qj us-east-1qk us-east-1ql us-east-1qm us-east-1qn us-east-1qo us-east-1qp us-east-1qq us-east-1qr us-east-1qs us-east-1qt us-east-1qu us-east-1qv us-east-1qw us-east-1qx us-east-1qy us-east-1qz us-east-1ra us-east-1rb us-east-1rc us-east-1rd us-east-1re us-east-1rf us-east-1rg us-east-1rh us-east-1ri us-east-1rj us-east-1rk us-east-1rl us-east-1rm us-east-1rn us-east-1ro us-east-1rp us-east-1rq us-east-1rr us-east-1rs us-east-1rt us-east-1ru us-east-1rv us-east-1rw us-east-1rx us-east-1ry us-east-1rz us-east-1sa us-east-1sb us-east-1sc us-east-1sd us-east-1se us-east-1sf us-east-1sg us-east-1sh us-east-1si us-east-1sj us-east-1sk us-east-1sl us-east-1sm us-east-1sn us-east-1so us-east-1sp us-east-1sq us-east-1sr us-east-1ss us-east-1st us-east-1su us-east-1sv us-east-1sw us-east-1sx us-east-1sy us-east-1sz us-east-1ta us-east-1tb us-east-1tc us-east-1td us-east-1te us-east-1tf us-east-1tg us-east-1th us-east-1ti us-east-1tj us-east-1tk us-east-1tl us-east-1tm us-east-1tn us-east-1to us-east-1tp us-east-1tq us-east-1tr us-east-1ts us-east-1tt us-east-1tu us-east-1tv us-east-1tw us-east-1tx us-east-1ty us-east-1tz us-east-1ua us-east-1ub us-east-1uc us-east-1ud us-east-1ue us-east-1uf us-east-1ug us-east-1uh us-east-1ui us-east-1uj us-east-1uk us-east-1ul us-east-1um us-east-1un us-east-1uo us-east-1up us-east-1uq us-east-1ur us-east-1us us-east-1ut us-east-1uu us-east-1uv us-east-1uw us-east-1ux us-east-1uy us-east-1uz us-east-1va us-east-1vb us-east-1vc us-east-1vd us-east-1ve us-east-1vf us-east-1vg us-east-1vh us-east-1vi us-east-1vj us-east-1vk us-east-1vl us-east-1vm us-east-1vn us-east-1vo us-east-1vp us-east-1vq us-east-1vr us-east-1vs us-east-1vt us-east-1vu us-east-1vv us-east-1vw us-east-1vx us-east-1vy us-east-1vz us-east-1wa us-east-1wb us-east-1wc us-east-1wd us-east-1we us-east-1wf us-east-1wg us-east-1wh us-east-1wi us-east-1wj us-east-1wk us-east-1wl us-east-1wm us-east-1wn us-east-1wo us-east-1wp us-east-1wq us-east-1wr us-east-1ws us-east-1wt us-east-1wu us-east-1wv us-east-1ww us-east-1wx us-east-1wy us-east-1wz us-east-1xa us-east-1xb us-east-1xc us-east-1xd us-east-1xe us-east-1xf us-east-1xg us-east-1xh us-east-1xi us-east-1xj us-east-1xk us-east-1xl us-east-1xm us-east-1xn us-east-1xo us-east-1xp us-east-1xq us-east



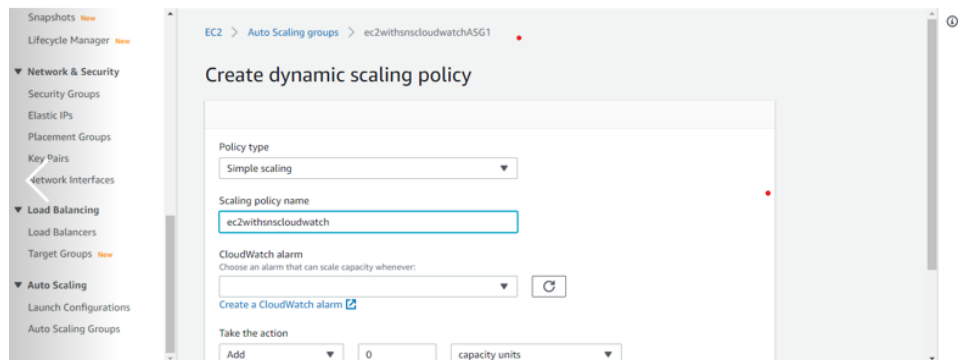
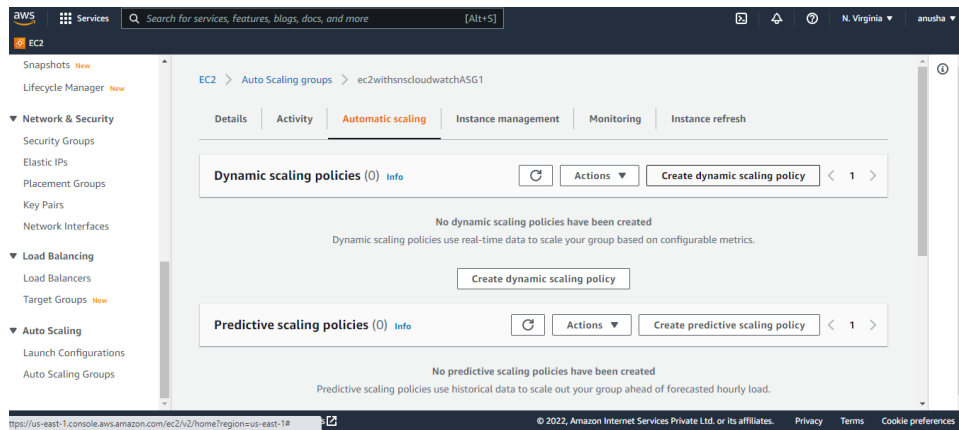
10. Add SNS notification with existing topic>>which is created above



11. Received SNS notification from ASG



12. Create dynamic policy

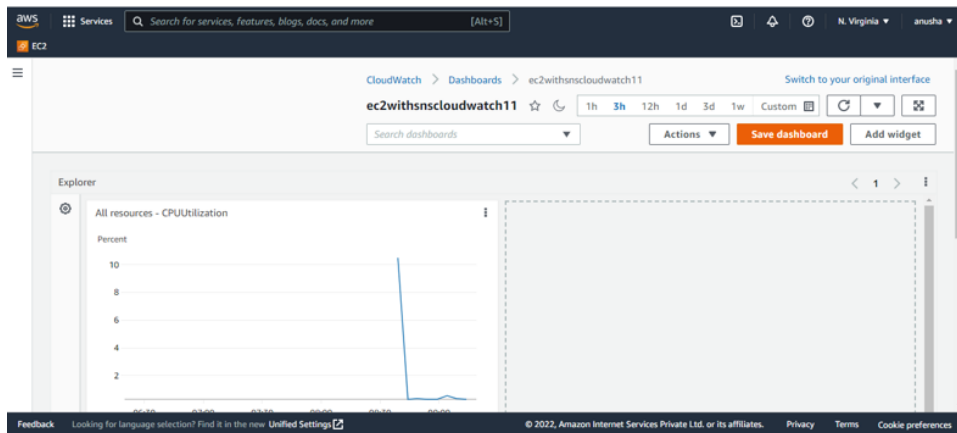
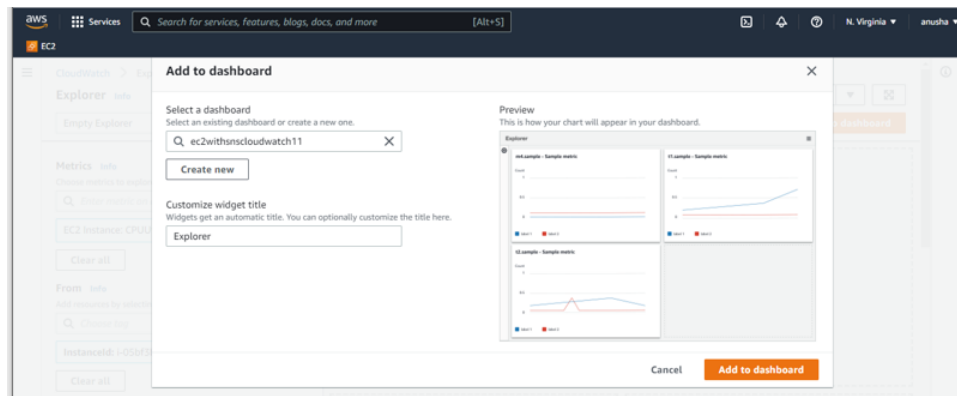
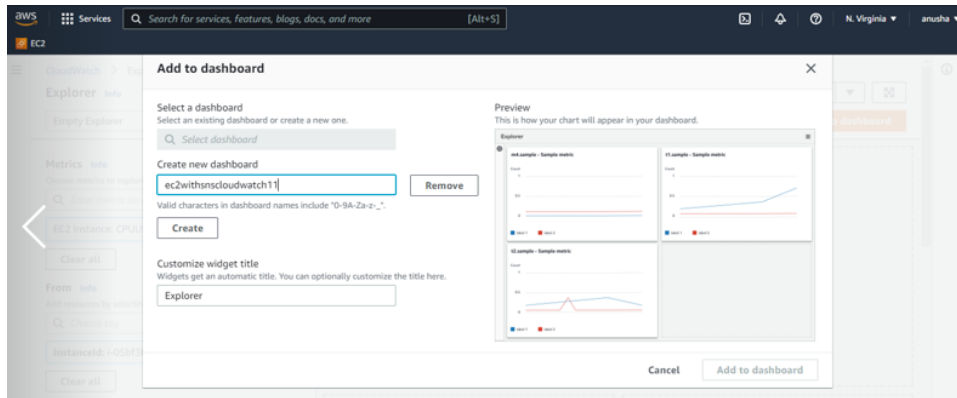


12. Create metric>>Add to dashboard

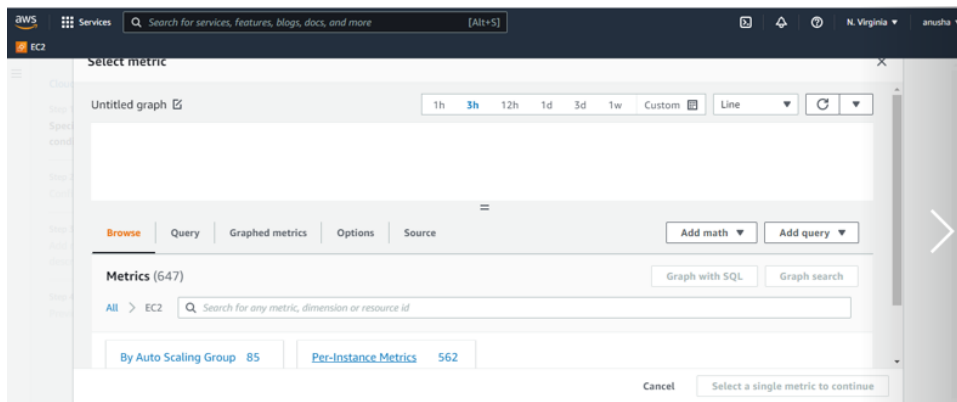
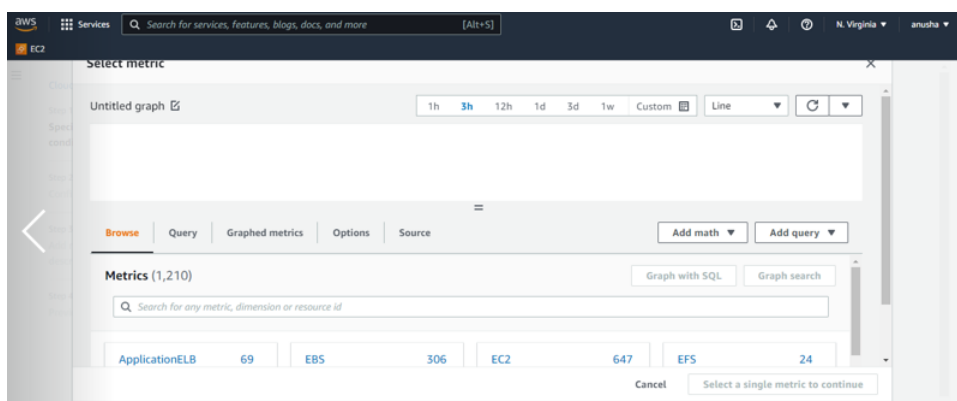
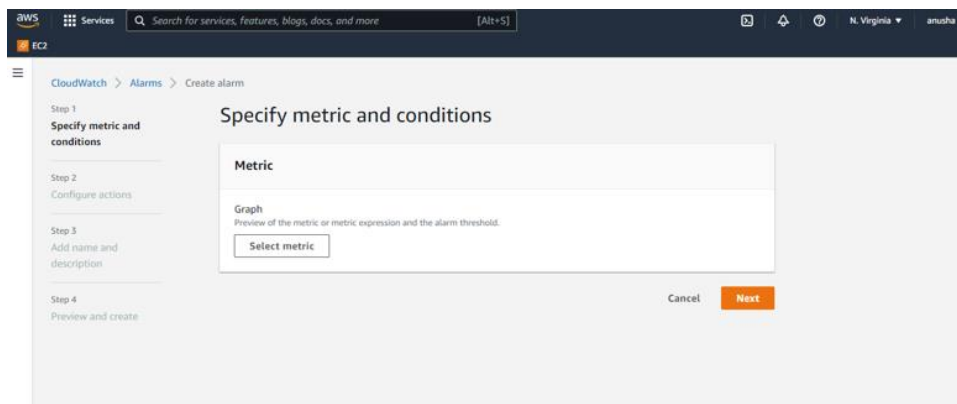
The first screenshot shows the AWS CloudWatch 'Overview' page. The left sidebar contains navigation links for Alarms, Logs, Metrics, Explorer, and X-Ray traces. The main content area has a 'Get started with CloudWatch' section with four cards: 'Set alarms on any of your metrics to receive notification when your metric crosses your specified threshold.', 'Create and name any CloudWatch dashboard CloudWatch-Default to display it here.', 'Monitor using your existing system, application and custom log files.', and 'Write rules to indicate which events are of interest to your application and what automated action to take.' Each card has a corresponding 'Create' or 'View' button.

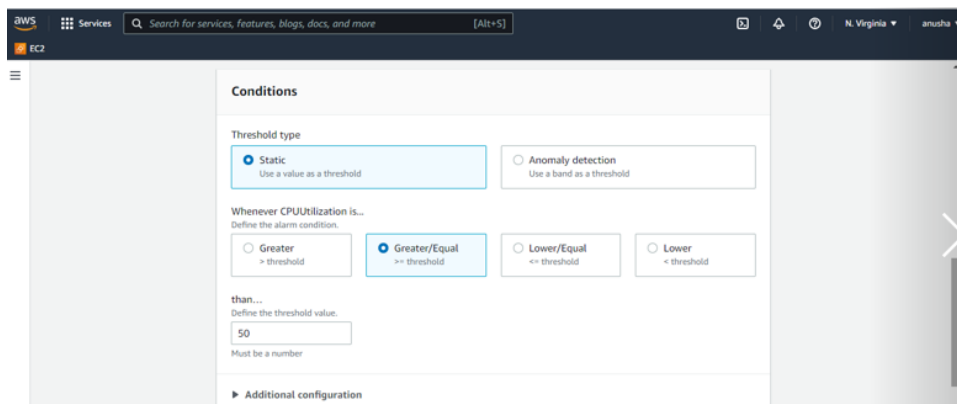
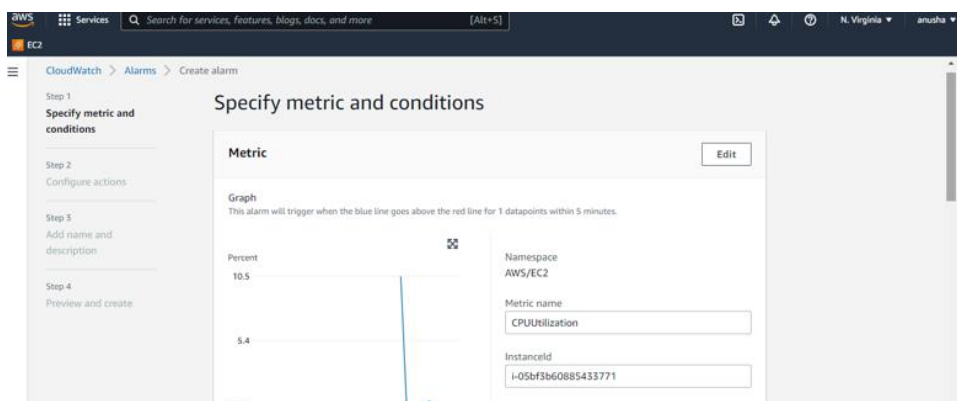
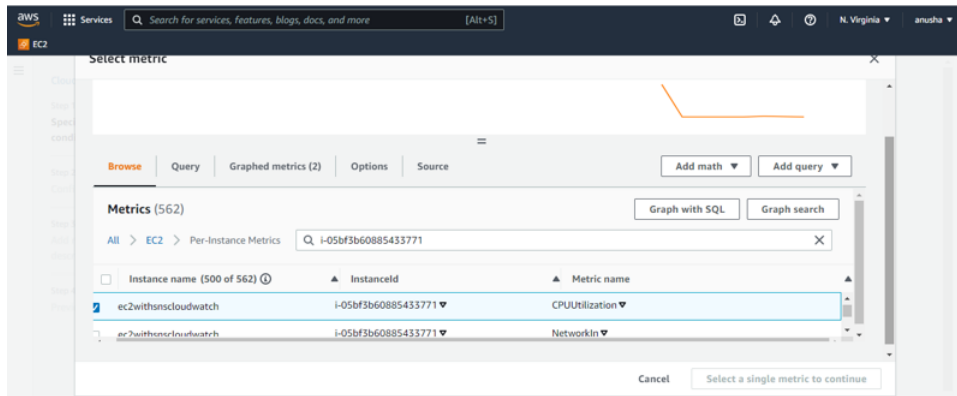
The second screenshot shows the 'Explorer' page. The 'Choose metrics to explore' section has a search bar with 'EC2 Instance: CPUUtilization: Average' entered. Below it, the 'From' section has 'Instanceid: i-05bf3b60885435771' entered. The 'Aggregate by' section has 'Choose function' selected. The 'Split by' section has 'None' selected. The 'Graph options' section has 'Period' set to '1 Minute', 'Graphs' set to 'Line', 'Legend' set to 'Bottom', and 'Layout' set to '2 columns' and '50 rows'. The main content area shows a line graph for 'CPUUtilization' over a period of 1 hour, with a peak at 09:15.

The third screenshot shows the 'Explorer' page with the 'Aggregate by' section set to 'Average' and the 'Split by' section set to 'None'. The 'Graph options' section has 'Period' set to '1 Minute', 'Graphs' set to 'Line', 'Legend' set to 'Bottom', and 'Layout' set to '2 columns' and '50 rows'. The main content area shows a line graph for 'CPUUtilization' over a period of 1 hour, with a peak at 09:15.



13. Create alarm for instance cpu utilization





Notification

Alarm state trigger
Define the alarm state that will trigger this action.

☒ **In alarm**
The metric or expression is outside of the defined threshold.

☐ **OK**
The metric or expression is within the defined threshold.

☐ **Insufficient data**
The alarm has just started or not enough data is available.

Remove

Send a notification to the following SNS topic
Define the SNS (Simple Notification Service) topic that will receive the notification.

☒ **Select an existing SNS topic**

☐ Create new topic

☐ Use topic ARN to notify other accounts

Send a notification to...

Only email lists for this account are available.

Email (endpoints)
dasuouletianusha66@gmail.com - View in SNS Console

14. Add autoscaling group here

Auto Scaling action

Alarm state trigger
Define the alarm state that will trigger this action.

☒ **In alarm**
The metric or expression is outside of the defined threshold.

☐ **OK**
The metric or expression is within the defined threshold.

☐ **Insufficient data**
The alarm has just started or not enough data is available.

Remove

Resource type
Select a resource type.

☒ **EC2 Auto Scaling group**

☐ ECS Service

Select a group

Only Auto Scaling groups with a simple scaling or step scaling policy in this account are available.

Take the following action...

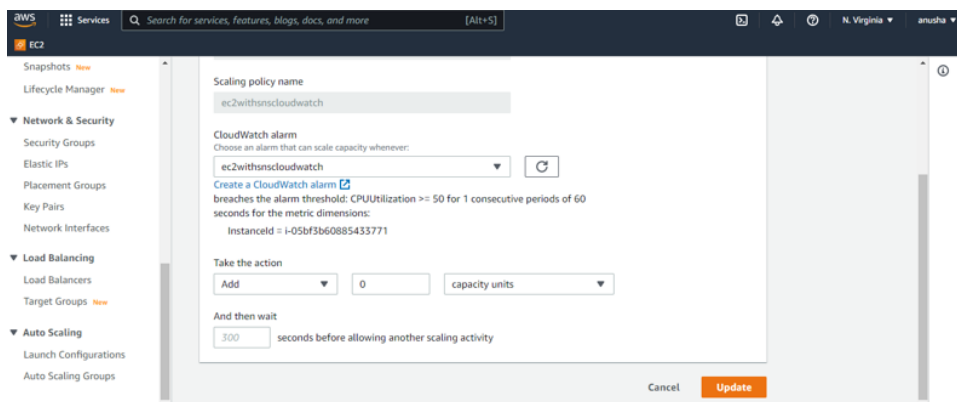
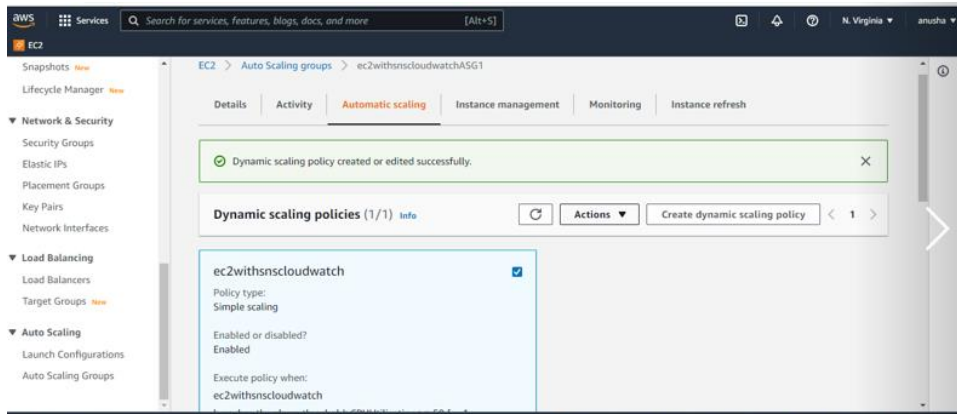
Add name and description

Alarm name

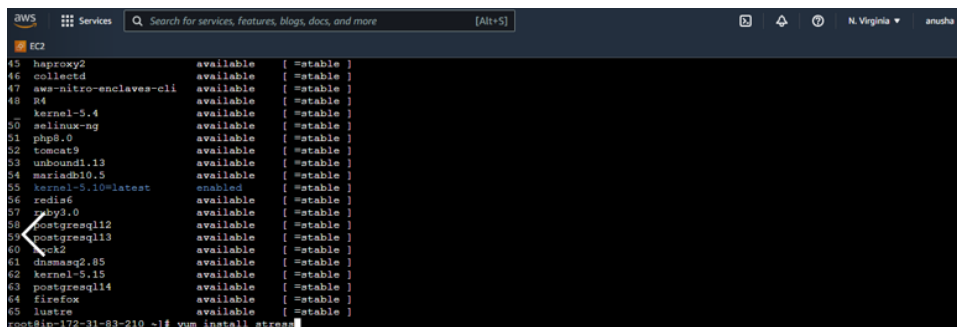
Alarm description - optional

Up to 1024 characters (8/1024)

Cancel Previous Next



15. Connect ec2 instance gives stress

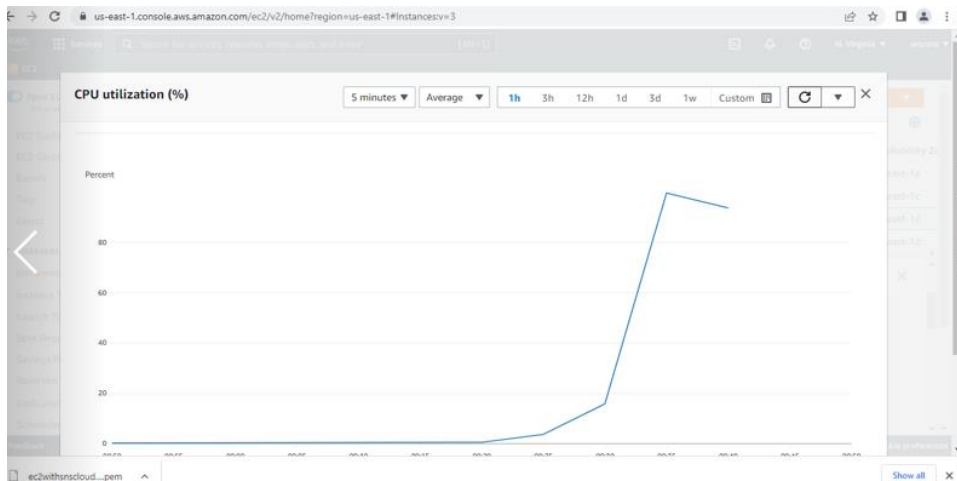


```

AWS Services Search for services, features, blogs, docs, and more [Alt+S] N. Virginia amsha
EC2
warning: /var/cache/yum/x86_64/2/epel/packages/stress-1.0.4-16.el7.x86_64.rpm: Header V3 RSA/SHA256 Signature, key ID 352c64e5: NOKEY
Public key for stress-1.0.4-16.el7.x86_64.rpm is not installed
stress-1.0.4-16.el7.x86_64.rpm
Retrieving key from file:///etc/pki/rpm-gpg/RPM-GPG-KEY-EPEL-7
Importing GPG key 0x352c64e5:
  Userid : "Fedora EPEL (7) <epel@fedoraproject.org>"
  Fingerprint: 31e5 7d7c 4a5e 36f1 7f3e 888f 6a2f 5ea2 352c 64e5
  Package : epel-release-7-11.noarch (@amazon2extra-epel)
  From : /etc/pki/rpm-gpg/RPM-GPG-KEY-EPEL-7
Is this ok [y/N]: y
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : stress-1.0.4-16.el7.x86_64
  Verifying : stress-1.0.4-16.el7.x86_64

Installed:
  stress.x86_64 0:1.0.4-16.el7

Complete!
```



16. Received SNS notification from cloud watch due to insufficient data

