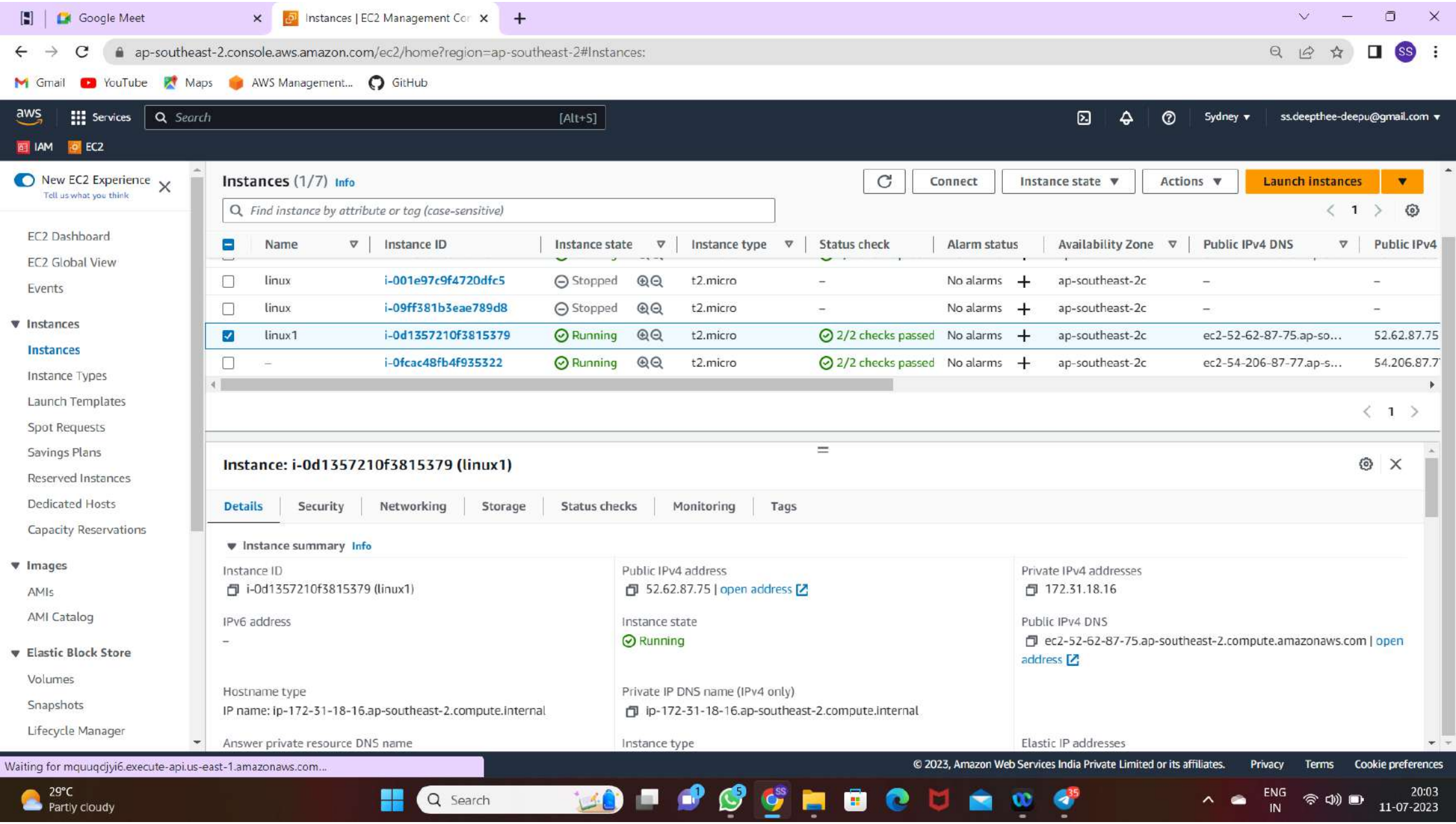
Google Meet
Instances | EC2 Management Cor
ap-southeast-2.console.aws.amazon.com/ec2/home?region=ap-southeast-2#Instances:
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Capacity Reservations
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AMIs
AMI Catalog
Elastic Block Store
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Snapshots
Lifecycle Manager
Instances (1/7) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4 DNS
Public IPv4
linux
i-001e97c9f4720dfc5
Stopped
t2.micro
–
No alarms
ap-southeast-2c
–
–
linux
i-09ff381b3eae789d8
Stopped
t2.micro
–
No alarms
ap-southeast-2c
–
–
linux1
i-0d1357210f3815379
Running
t2.micro
2/2 checks passed
No alarms
ap-southeast-2c
ec2-52-62-87-75.ap-so...
52.62.87.75
–
i-0fcac48fb4f935322
Running
t2.micro
2/2 checks passed
No alarms
ap-southeast-2c
ec2-54-206-87-77.ap-s...
54.206.87.7
Instance: i-0d1357210f3815379 (linux1)
Details
Security
Networking
Storage
Status checks
Monitoring
Tags
Instance summary Info
Instance ID
i-0d1357210f3815379 (linux1)
IPv6 address
–
Hostname type
IP name: ip-172-31-18-16.ap-southeast-2.compute.internal
Answer private resource DNS name
Public IPv4 address
52.62.87.75 | open address
Instance state
Running
Private IP DNS name (IPv4 only)
ip-172-31-18-16.ap-southeast-2.compute.internal
Instance type
Private IPv4 addresses
172.31.18.16
Public IPv4 DNS
ec2-52-62-87-75.ap-southeast-2.compute.amazonaws.com | open address
Elastic IP addresses
Waiting for mquuqcjyi6.execute-api.us-east-1.amazonaws.com...
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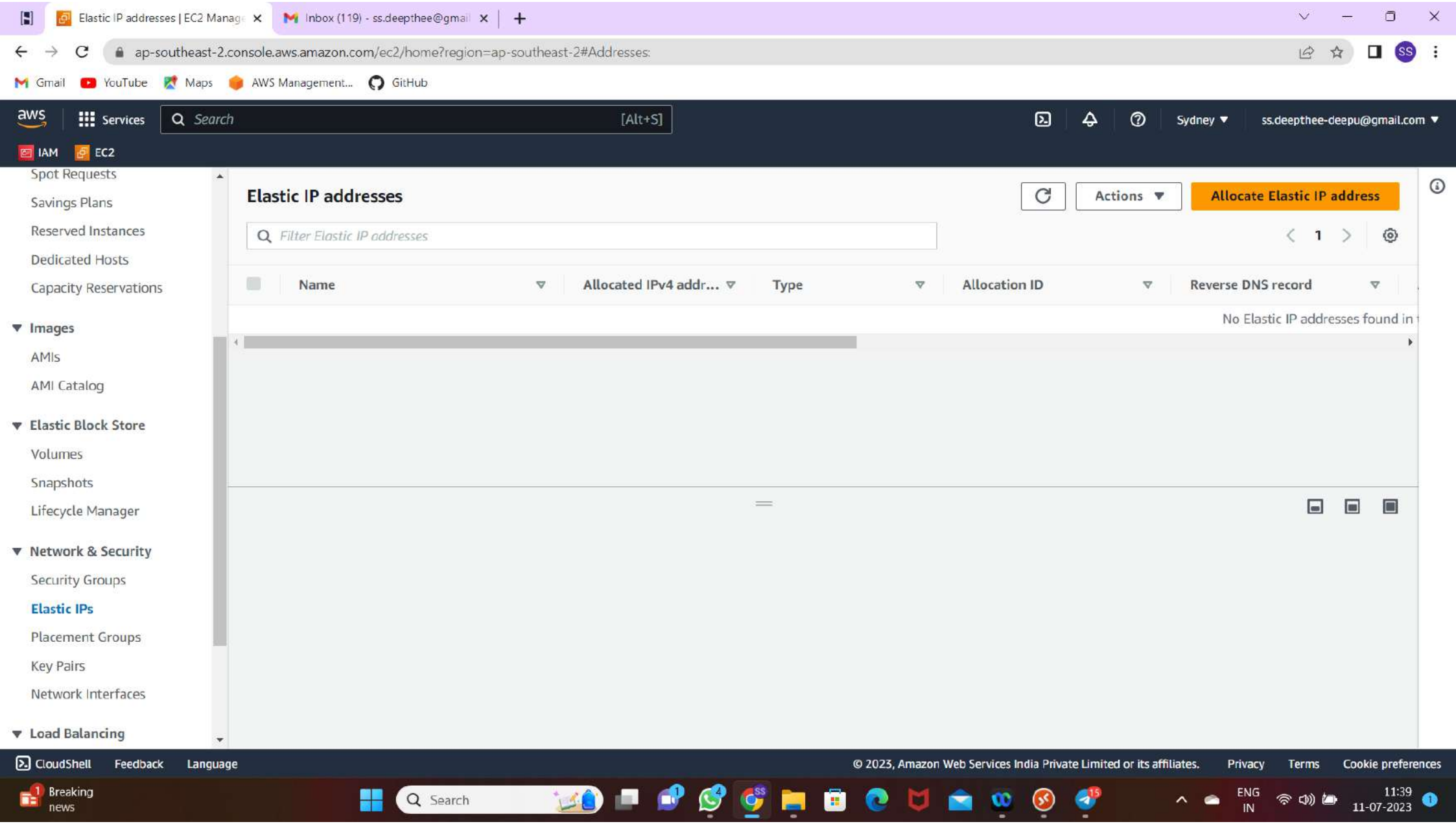
Elastic IP addresses | EC2 Manage
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ap-southeast-2.console.aws.amazon.com/ec2/home?region=ap-southeast-2#Addresses:
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Network & Security
Security Groups
Elastic IPs
Placement Groups
Key Pairs
Network Interfaces
Load Balancing
Elastic IP addresses
Actions
Allocate Elastic IP address
Filter Elastic IP addresses
1
Name
Allocated IPv4 addr...
Type
Allocation ID
Reverse DNS record
No Elastic IP addresses found in
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Allocate Elastic IP address | EC2 | Inbox (119) - ss.deepthee@gmail

ap-southeast-2.console.aws.amazon.com/ec2/home?region=ap-southeast-2#AllocateAddress:

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IAM EC2

EC2 > Elastic IP addresses > Allocate Elastic IP address

Allocate Elastic IP address Info

Elastic IP address settings Info

Network Border Group Info

ap-southeast-2

Public IPv4 address pool

- Amazon's pool of IPv4 addresses
- Public IPv4 address that you bring to your AWS account (option disabled because no pools found) Learn more
- Customer owned pool of IPv4 addresses (option disabled because no customer owned pools found) Learn more

Global static IP addresses

AWS Global Accelerator can provide global static IP addresses that are announced worldwide using anycast from AWS edge locations. This can help improve the availability and latency for your user traffic by using the Amazon global network. Learn more

Create accelerator

CloudShell Feedback Language

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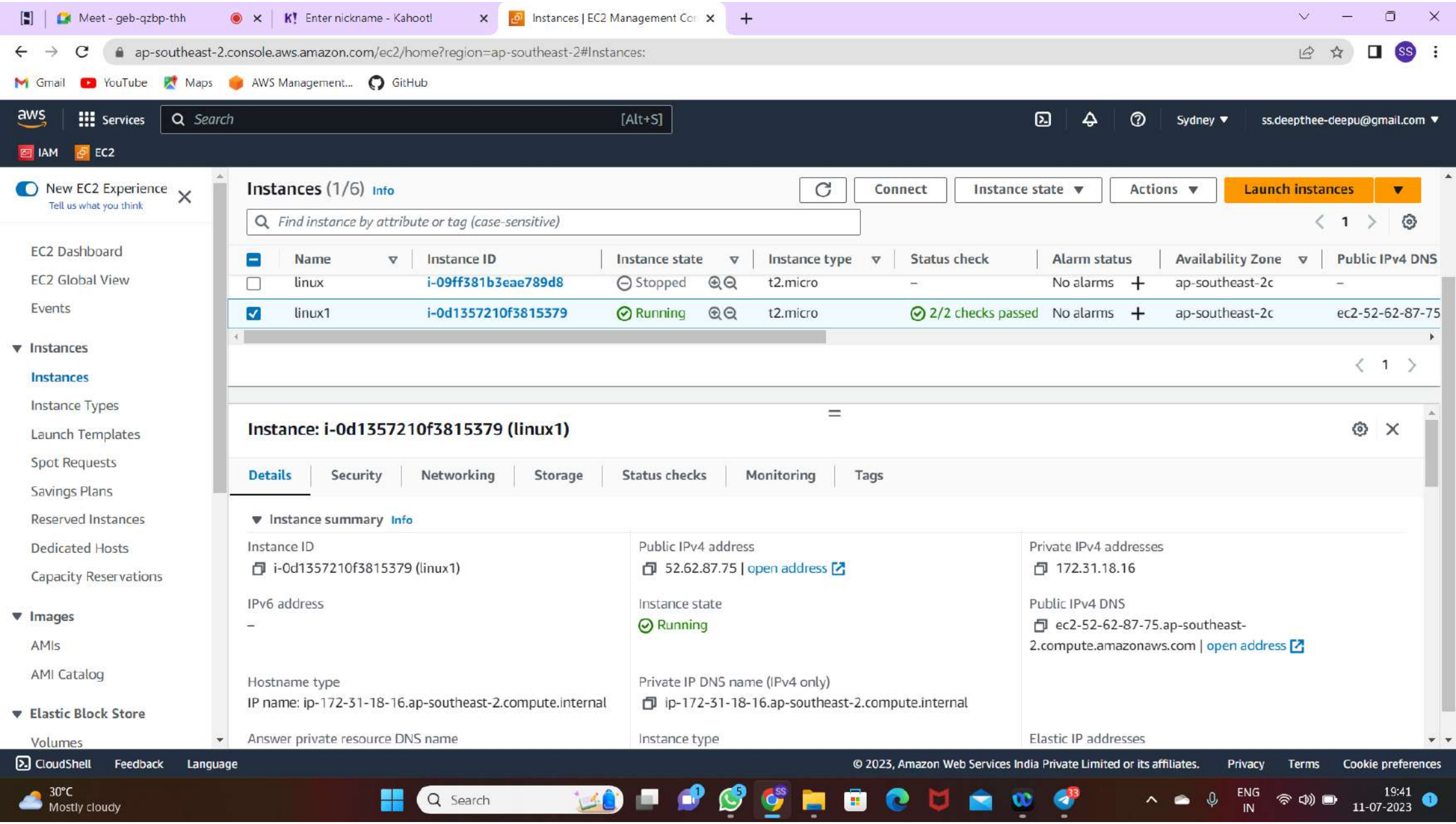
Meet - geb-qzbp-thh
Enter nickname - Kahoot!
Instances | EC2 Management Co
ap-southeast-2.console.aws.amazon.com/ec2/home?region=ap-southeast-2#Instances:
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Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4 DNS
linux
i-09ff381b3eae789d8
Stopped
t2.micro
–
No alarms
ap-southeast-2c
–
linux1
i-0d1357210f3815379
Running
t2.micro
2/2 checks passed
No alarms
ap-southeast-2c
ec2-52-62-87-75
Instance: i-0d1357210f3815379 (linux1)
Details
Security
Networking
Storage
Status checks
Monitoring
Tags
Instance summary Info
Instance ID
i-0d1357210f3815379 (linux1)
IPv6 address
–
Hostname type
IP name: ip-172-31-18-16.ap-southeast-2.compute.internal
Answer private resource DNS name
Public IPv4 address
52.62.87.75 | open address
Instance state
Running
Private IP DNS name (IPv4 only)
ip-172-31-18-16.ap-southeast-2.compute.internal
Instance type
Private IPv4 addresses
172.31.18.16
Public IPv4 DNS
ec2-52-62-87-75.ap-southeast-2.compute.amazonaws.com | open address
Elastic IP addresses
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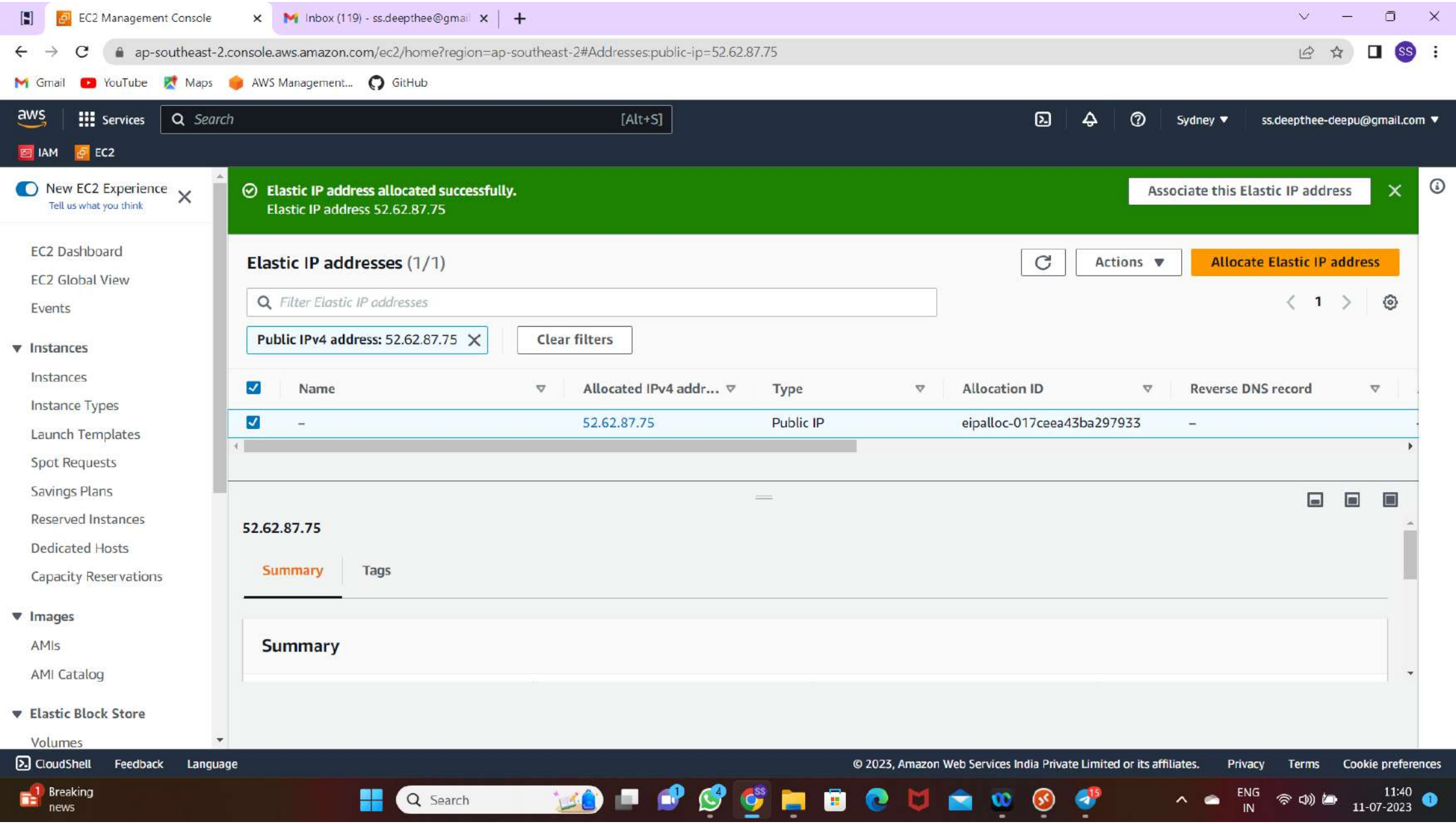
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ap-southeast-2.console.aws.amazon.com/ec2/home?region=ap-southeast-2#Addresses:public-ip=52.62.87.75
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Elastic Block Store
Volumes
Elastic IP address allocated successfully.
Elastic IP address 52.62.87.75
Associate this Elastic IP address
Elastic IP addresses (1/1)
Actions
Allocate Elastic IP address
Filter Elastic IP addresses
1
Public IPv4 address: 52.62.87.75
Clear filters
Name
Allocated IPv4 addr...
Type
Allocation ID
Reverse DNS record
–
52.62.87.75
Public IP
eipalloc-017ceea43ba297933
–
52.62.87.75
Summary
Tags
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Associate Elastic IP address | EC2 | Inbox (119) - ss.deepthee@gmail

ap-southeast-2.console.aws.amazon.com/ec2/home?region=ap-southeast-2#AssociateAddress:PublicIp=52.62.87.75

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IAM EC2

Elastic IP address: 52.62.87.75

Resource type

Choose the type of resource with which to associate the Elastic IP address.

- (•) Instance
- ( ) Network interface

⚠ If you associate an Elastic IP address with an instance that already has an Elastic IP address associated, the previously associated Elastic IP address will be disassociated, but the address will still be allocated to your account. Learn more

If no private IP address is specified, the Elastic IP address will be associated with the primary private IP address.

Instance

i-0d1357210f3815379

Private IP address

The private IP address with which to associate the Elastic IP address.

Choose a private IP address

Reassociation

Specify whether the Elastic IP address can be reassociated with a different resource if it already associated with a resource.

- [ ] Allow this Elastic IP address to be reassociated

Cancel Associate

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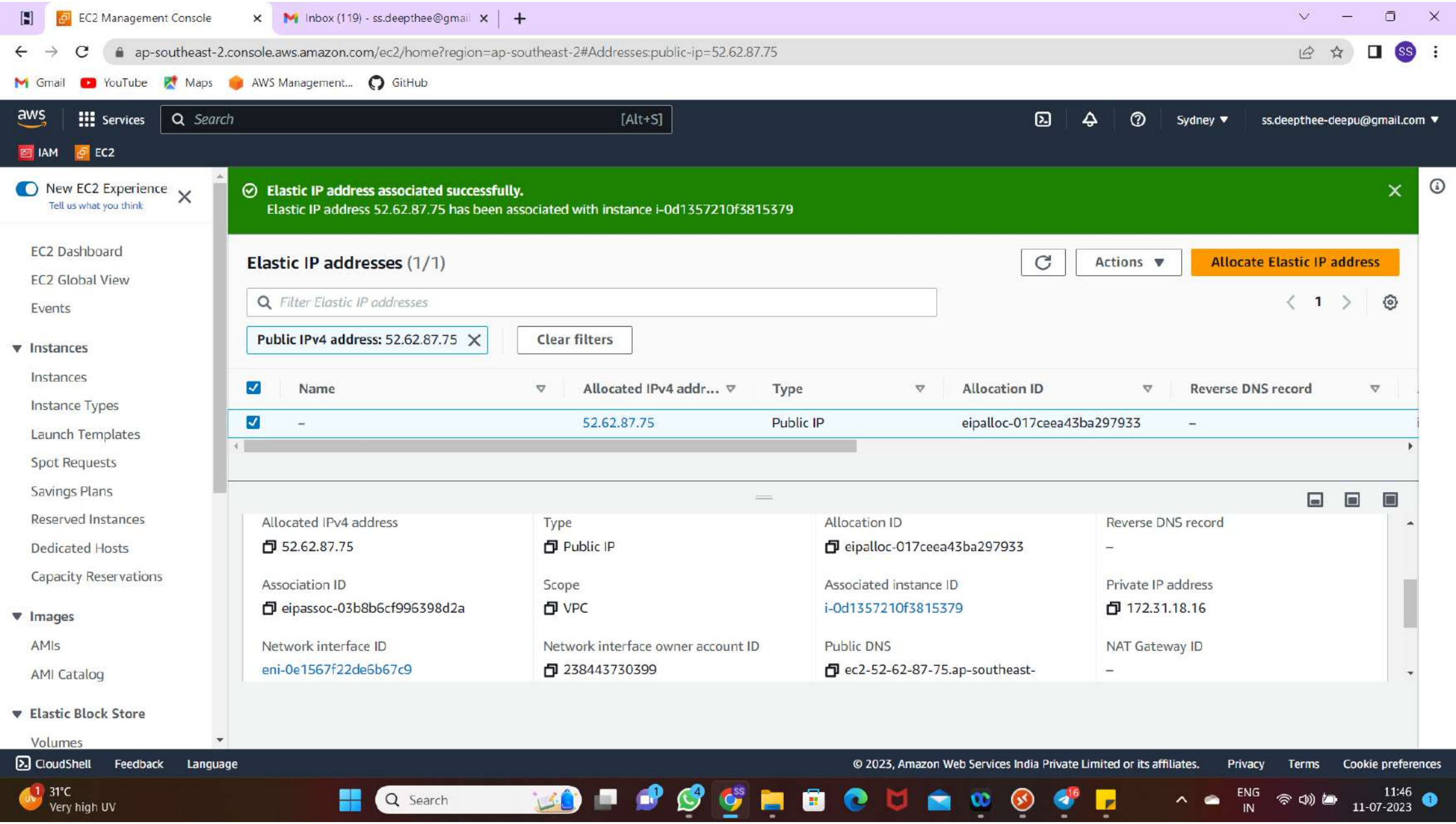
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ap-southeast-2.console.aws.amazon.com/ec2/home?region=ap-southeast-2#Addresses:public-ip=52.62.87.75
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Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Elastic IP address associated successfully.
Elastic IP address 52.62.87.75 has been associated with instance i-0d1357210f3815379
Elastic IP addresses (1/1)
Actions
Allocate Elastic IP address
Filter Elastic IP addresses
1
Public IPv4 address: 52.62.87.75
Clear filters
Name
Allocated IPv4 addr...
Type
Allocation ID
Reverse DNS record
–
52.62.87.75
Public IP
eipalloc-017ceea43ba297933
–
Allocated IPv4 address
52.62.87.75
Type
Public IP
Allocation ID
eipalloc-017ceea43ba297933
Reverse DNS record
–
Association ID
eipassoc-03b8b6cf996398d2a
Scope
VPC
Associated instance ID
i-0d1357210f3815379
Private IP address
172.31.18.16
Network interface ID
eni-0e1567f22de6b67c9
Network interface owner account ID
238443730399
Public DNS
ec2-52-62-87-75.ap-southeast-
NAT Gateway ID
–
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Meet - geb-qzbp-thh | Enter nickname - Kahoot! | Launch instance from template |

ap-southeast-2.console.aws.amazon.com/ec2/home?region=ap-southeast-2#LaunchInstanceFromTemplate:launchTemplateId=lt-0a07aab76b1cfac96

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IAM EC2

Allow tags in metadata Info

Template or default value

User data - *optional* Info

Upload a file with your user data or enter it in the field.

Choose file

```
#!/bin/bash
yum update -y
yum install -y httpd
systemctl start httpd
systemctl enable httpd
EC2AZ=$(TOKEN=`curl -X PUT "http://169.254.169.254/latest/api/token" -H "X-aws-ec2-metadata-token-ttl-seconds: 21600"` && curl -H "X-aws-ec2-metadata-token: $TOKEN" -v http://169.254.169.254/latest/meta-data/placement/availability-zone)
echo '<center><h1>This Amazon EC2 instance is located in Availability Zone: AZID </h1></center>' > /var/www/html/index.txt
sed "s/AZID/$EC2AZ/" /var/www/html/index.txt > /var/www/html/index.html
```

User data has already been base64 encoded

Summary

Number of instances Info

1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.1.2...read more

ami-0ed828ae690ef8b35

Virtual server type (instance type)

t2.micro

Firewall (security group)

launch-wizard-1

Storage (volumes)

1 volume(s) - 8 GiB

Cancel Launch instance

Review commands

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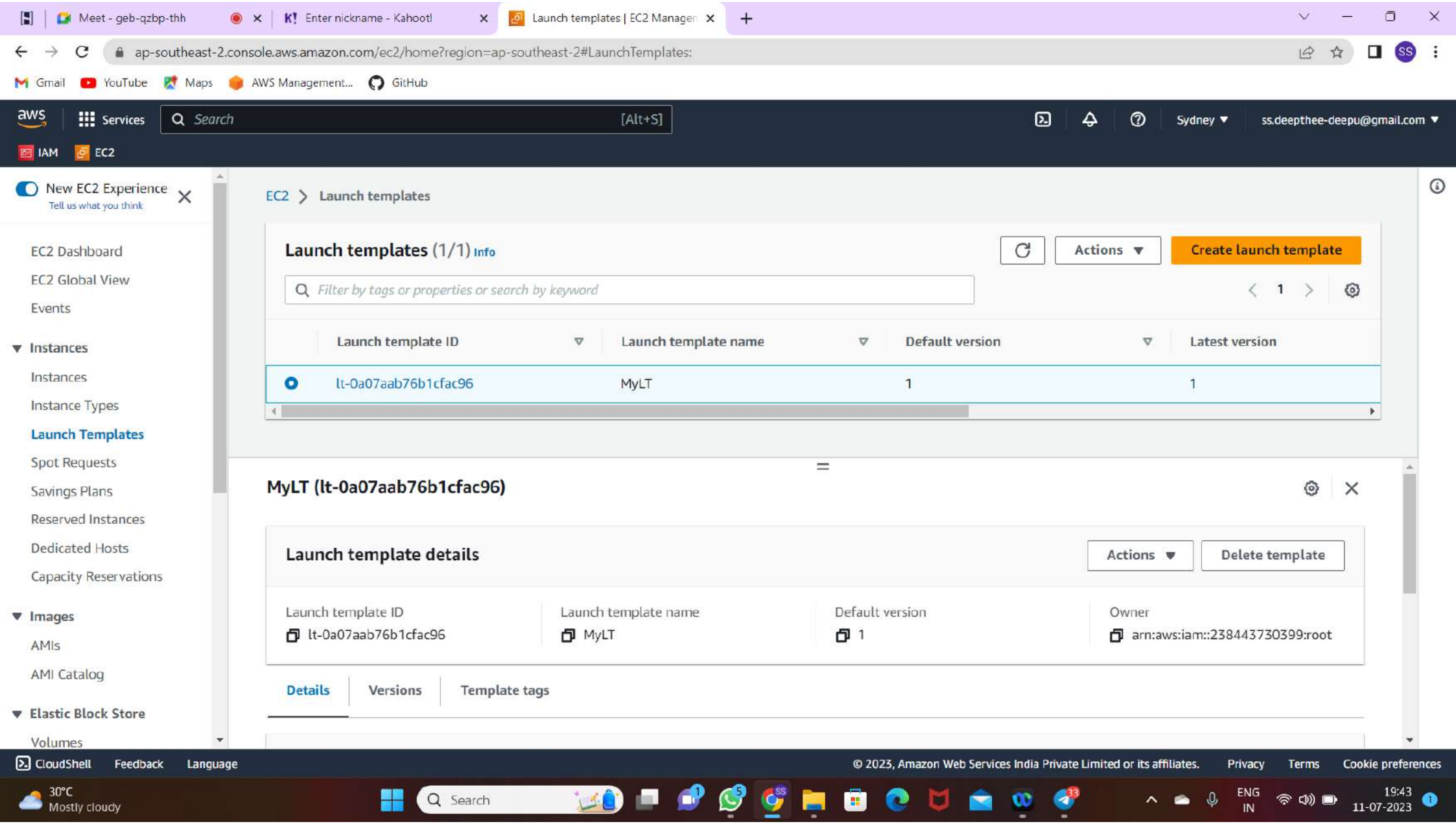
Meet - geb-qzbp-thh
Enter nickname - Kahoot!
Launch templates | EC2 Manager
ap-southeast-2.console.aws.amazon.com/ec2/home?region=ap-southeast-2#LaunchTemplates:
Gmail
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Maps
AWS Management...
GitHub
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Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
EC2 > Launch templates
Launch templates (1/1) Info
Actions
Create launch template
Filter by tags or properties or search by keyword
1
Launch template ID
Launch template name
Default version
Latest version
lt-0a07aab76b1cfac96
MyLT
1
1
MyLT (lt-0a07aab76b1cfac96)
Launch template details
Actions
Delete template
Launch template ID
lt-0a07aab76b1cfac96
Launch template name
MyLT
Default version
1
Owner
arn:aws:iam::238443730399:root
Details
Versions
Template tags
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Google Meet | Create Auto Scaling group | EC2

ap-southeast-2.console.aws.amazon.com/ec2/home?region=ap-southeast-2#CreateAutoScalingGroup:

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IAM EC2

Step 1
Choose launch template

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

Step 7
Review

Choose launch template Info

Specify a launch template that contains settings common to all EC2 instances that are launched by this Auto Scaling group.

Name

Auto Scaling group name
Enter a name to identify the group.

ASG-2

Must be unique to this account in the current Region and no more than 255 characters.

Launch template Info

For accounts created after May 31, 2023, the EC2 console only supports creating Auto Scaling groups with launch templates. Creating Auto Scaling groups with launch configurations is not recommended but still available via the CLI and API until December 31, 2023.

Launch template
Choose a launch template that contains the instance-level settings, such as the Amazon Machine Image (AMI), instance type, key pair, and security groups.

MyLT

Create a launch template

Version

Default (1)

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IAM EC2

Step 1
Choose launch template

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

Step 7
Review

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-0d7a41f8df27256f5
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

ap-southeast-2a | subnet-023b89c8814c950e2
172.31.0.0/20 Default

Create a subnet

Instance type requirements Info

Override launch template

You can keep the same instance attributes or instance type from your launch template, or you can choose to override the launch template by specifying different instance attributes or manually adding instance types.

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Step 1
Choose launch template

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

Step 7
Review

Configure advanced options - *optional* Info

Integrate your Auto Scaling group with other services to distribute network traffic across multiple servers using a load balancer or to establish service-to-service communications using VPC Lattice. You can also set options that give you more control over health check replacements and monitoring.

Load balancing Info

Use the options below to attach your Auto Scaling group to an existing load balancer, or to a new load balancer that you define.

- (●) **No load balancer**
  Traffic to your Auto Scaling group will not be fronted by a load balancer.
- ( ) **Attach to an existing load balancer**
  Choose from your existing load balancers.
- ( ) **Attach to a new load balancer**
  Quickly create a basic load balancer to attach to your Auto Scaling group.

VPC Lattice integration options Info

To improve networking capabilities and scalability, integrate your Auto Scaling group with VPC Lattice. VPC Lattice facilitates communications between AWS services and helps you connect and manage your applications across compute services in AWS.

Select VPC Lattice service to attach

- (●) **No VPC Lattice service**
  VPC Lattice will not manage your Auto Scaling group's network access and connectivity with other services.
- ( ) **Attach to VPC Lattice service**
  Incoming requests associated with specified VPC Lattice target groups will be routed to your Auto Scaling group.

Create new VPC Lattice service

Google Meet | Create Auto Scaling group | EC2

ap-southeast-2.console.aws.amazon.com/ec2/home?region=ap-southeast-2#CreateAutoScalingGroup:

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IAM EC2

Choose launch template

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

Step 7
Review

Set the desired, minimum, and maximum capacity of your Auto Scaling group. You can optionally add a scaling policy to dynamically scale the number of instances in the group.

Group size - *optional* Info

Specify the size of the Auto Scaling group by changing the desired capacity. You can also specify minimum and maximum capacity limits. Your desired capacity must be within the limit range.

Desired capacity

2

Minimum capacity

2

Maximum capacity

2

Scaling policies - *optional*

Choose whether to use a scaling policy to dynamically resize your Auto Scaling group to meet changes in demand. Info

- Target tracking scaling policy
  Choose a desired outcome and leave it to the scaling policy to add and remove capacity as needed to achieve that outcome.
- None

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IAM EC2

EC2 > Auto Scaling groups > Create Auto Scaling group

Step 1
Choose launch template

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

Step 7
Review

Add notifications - *optional* Info

Send notifications to SNS topics whenever Amazon EC2 Auto Scaling launches or terminates the EC2 instances in your Auto Scaling group.

Add notification

Cancel Skip to review Previous Next

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IAM EC2

EC2 > Auto Scaling groups > Create Auto Scaling group

Step 1
Choose launch template

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

Step 7
Review

Review Info

Step 1: Choose launch template

Edit

Group details

Auto Scaling group name
ASG-2

Launch template

Launch template	Version	Description
MyLT	Default	
lt-0a07aab76b1cfac96		

Step 2: Choose instance launch options

Edit

Network

Network
VPC
vpc-0d7a41f8df27256f5

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Instance type requirements

This Auto Scaling group will adhere to the launch template.

Step 3: Configure advanced options — Edit

Load balancing

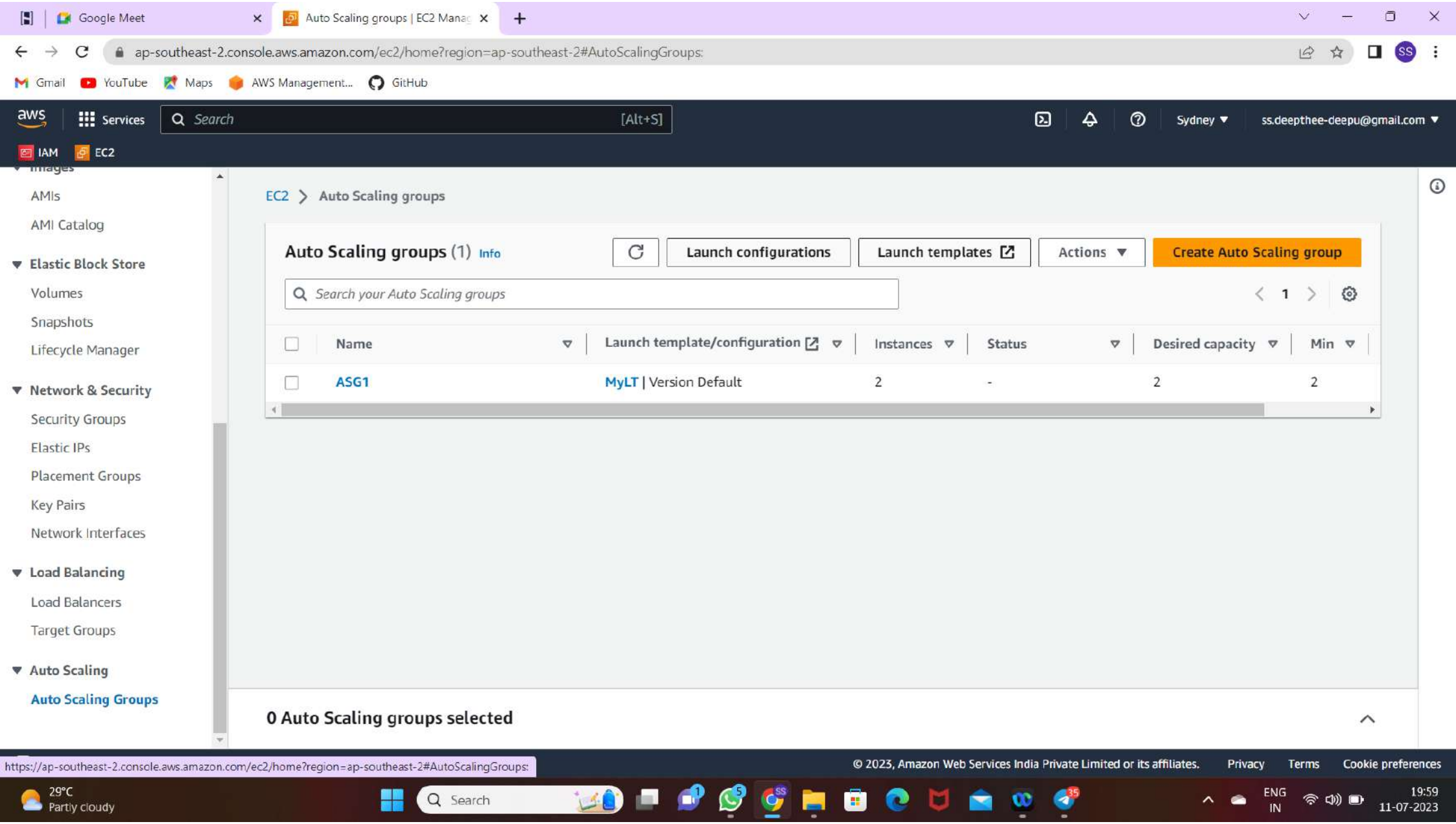
VPC Lattice integration options

VPC Lattice target groups
-

Health checks

Health check type	Health check grace period
EC2	300 seconds

Additional settings


Google Meet
Auto Scaling groups | EC2 Manag
ap-southeast-2.console.aws.amazon.com/ec2/home?region=ap-southeast-2#AutoScalingGroups:
Gmail
YouTube
Maps
AWS Management...
GitHub
aws
Services
Search
[Alt+S]
Sydney
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Auto Scaling Groups
EC2 > Auto Scaling groups
Auto Scaling groups (1) Info
Launch configurations
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Create Auto Scaling group
Search your Auto Scaling groups
1
Name
Launch template/configuration
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Min
ASG1
MyLT | Version Default
2
-
2
2
0 Auto Scaling groups selected
https://ap-southeast-2.console.aws.amazon.com/ec2/home?region=ap-southeast-2#AutoScalingGroups:
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