

VPC Management Console | Load balancers | EC2 Management | +

https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#SelectCreateELBWizard:

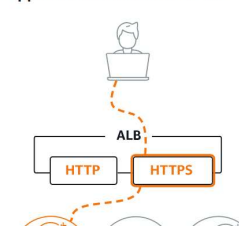
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Select load balancer type

A complete feature-by-feature comparison along with detailed highlights is also available. [Learn more](#)

Load balancer types

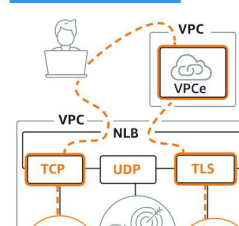
Application Load Balancer Info



ALB

HTTP HTTPS

Network Load Balancer Info




VPC

VPCe

NLB

TCP UDP TLS

Gateway Load Balancer Info



GWLB

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https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateNLBWizard:

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Basic configuration

Load balancer name
Name must be unique within your AWS account and cannot be changed after the load balancer is created.

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

Scheme
Scheme cannot be changed after the load balancer is created.

☒ Internet-facing
An internet-facing load balancer routes requests from clients over the internet to targets. Requires a public subnet. [Learn more](#)

☐ Internal
An internal load balancer routes requests from clients to targets using private IP addresses.

IP address type Info
Select the type of IP addresses that your subnets use.

☒ IPv4
Recommended for internal load balancers.

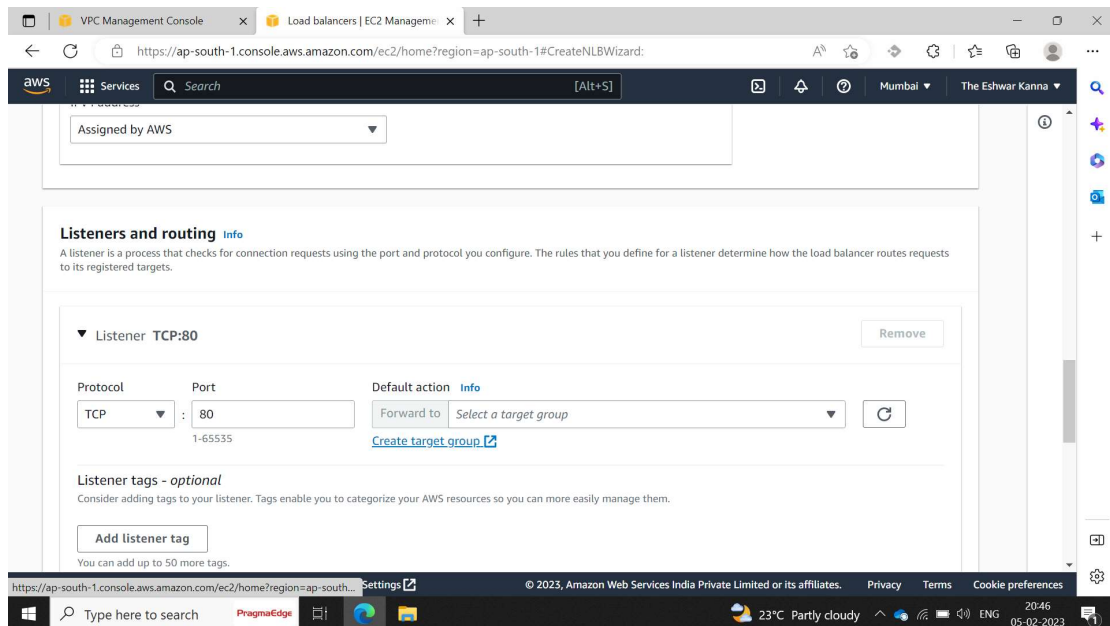
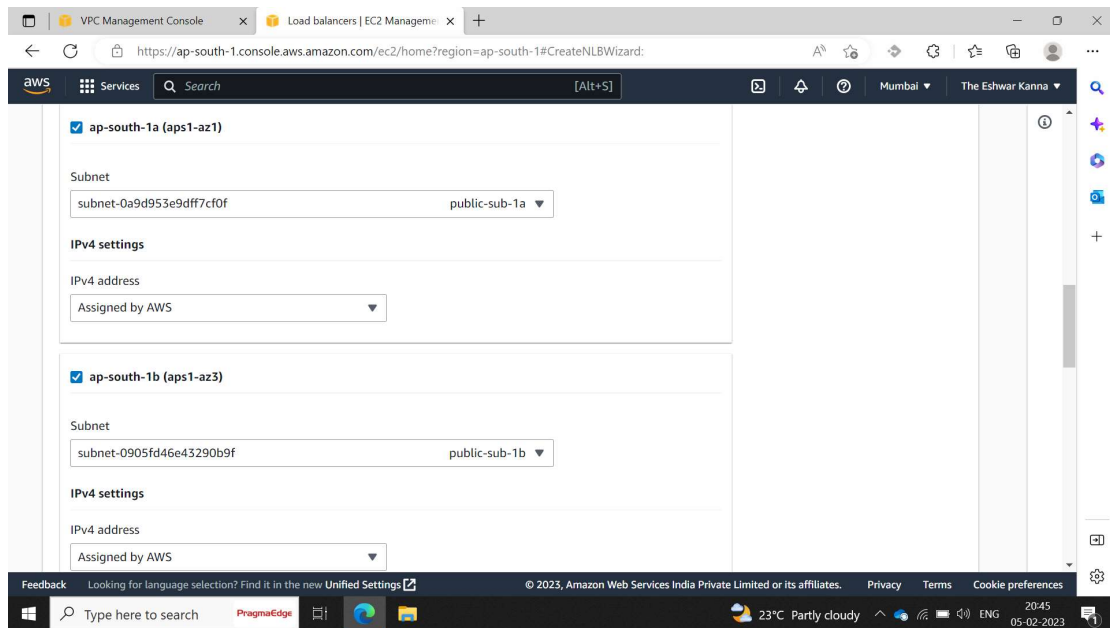
☐ Dualstack
Includes IPv4 and IPv6 addresses.

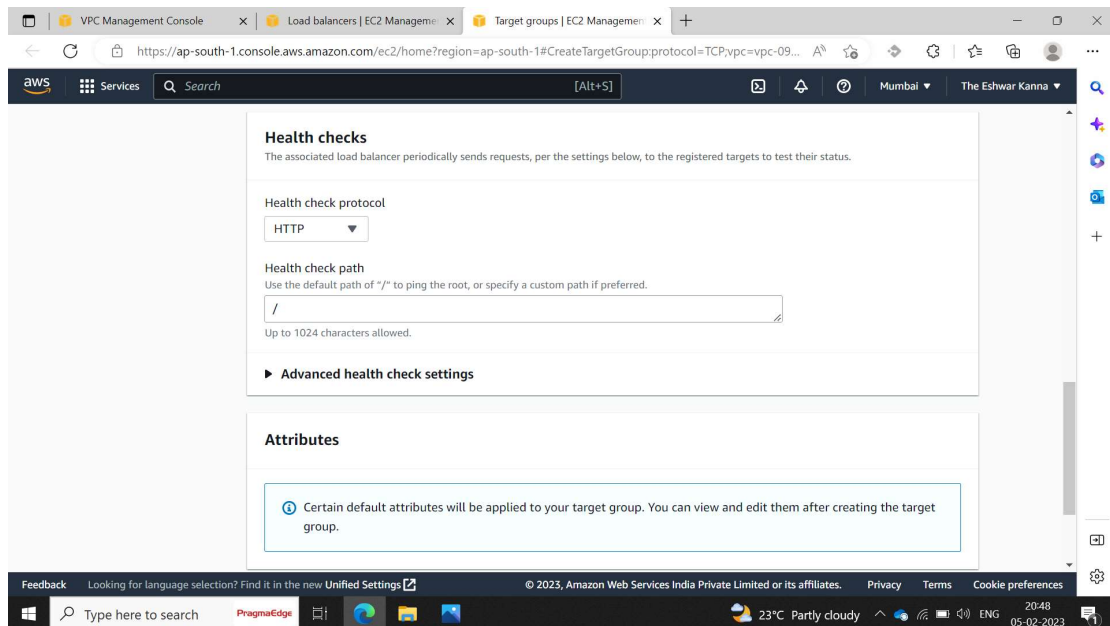
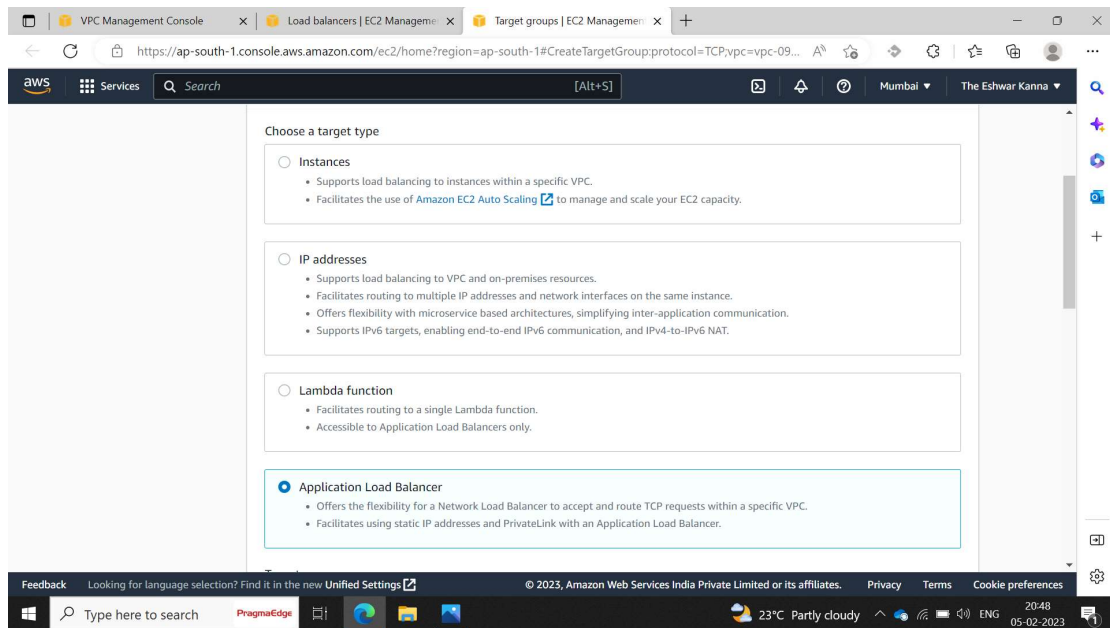
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VPC Management Console | Load balancers | EC2 Management | Target groups | EC2 Management

https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateTargetGroup:protocol=TCP;vpc=vpc-09...

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EC2 > Target groups > Create target group

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.

Application Load Balancer

You can specify a single Application Load Balancer as the target. The Application Load Balancer you specify must have a listener on the same port as the target group you're creating.

Choose an Application Load Balancer from the list or [create Application Load Balancer](#).

search-mail

search-mail

Scheme: internet-facing State: active

search-mail has a listener on port 80.

Cancel Previous Create target group

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VPC Management Console | Load balancers | EC2 Management | Target groups | EC2 Management

https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateNLBWizard:

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Listeners and routing

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 TCP:80

Remove

Protocol TCP Port 80 Default action Select a target group

Forward to mynlbtg1

Listener tags - optional

Consider adding tags to your listener. Tags enable you to categorize your AWS resources so you can manage them more effectively.

Add listener tag

You can add up to 50 more tags.

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VPC Management Console x EC2 Management Console x Target groups | EC2 Management x +

← ↻ 🔒 https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LoadBalancerloadBalancerArn=arn:aws:elasticloadbalancing:ap-south-1:789576624500:loadbalancer/net/mynlb01/91fd43aa019f213c

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New EC2 Experience Tell us what you think

EC2 Dashboard
EC2 Global View
Events
Tags
Limits

▼ Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations

▼ Images

EC2 > Load balancers > mynlb01

mynlb01

arn:aws:elasticloadbalancing:ap-south-1:789576624500:loadbalancer/net/mynlb01/91fd43aa019f213c

Load balancer type	DNS name	Status	VPC
Network	mynlb01-91fd43aa019f213c.elb.ap-south-1.amazonaws.com (A Record)	Provisioning	vpc-09de6be94b00bafaf
IP address type	Scheme	Availability Zones	Hosted zone
IPv4	Internet-facing	subnet-0a9d953e9dffb7cf0f ap-south-1a (aps1-az1) subnet-0905fd46e43290b9f ap-south-1b (aps1-az3)	ZVDDRBQ08TROA

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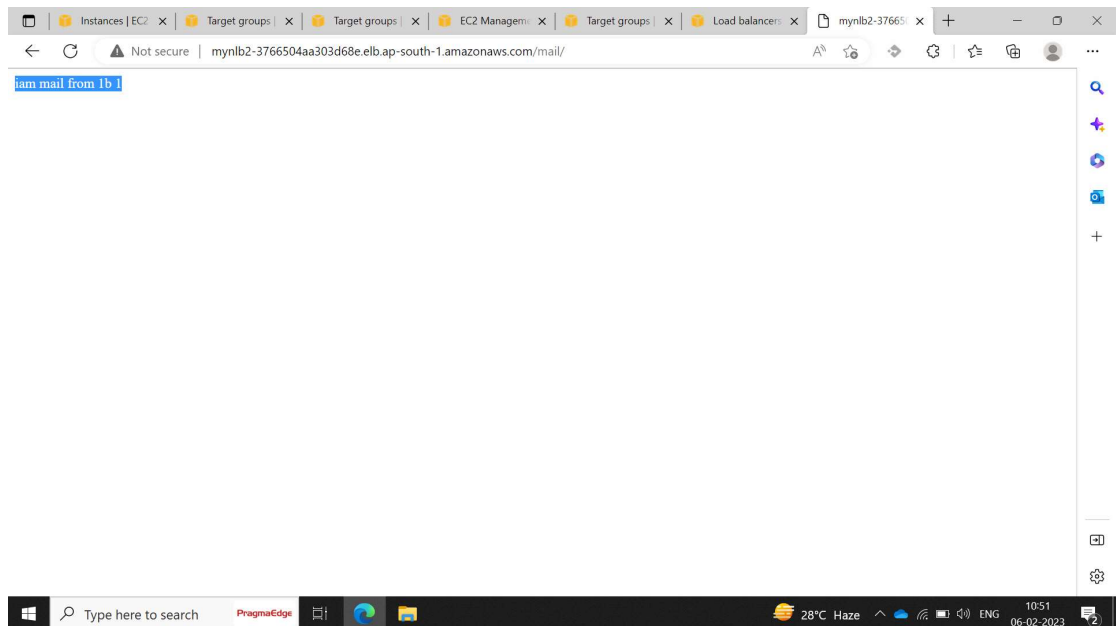
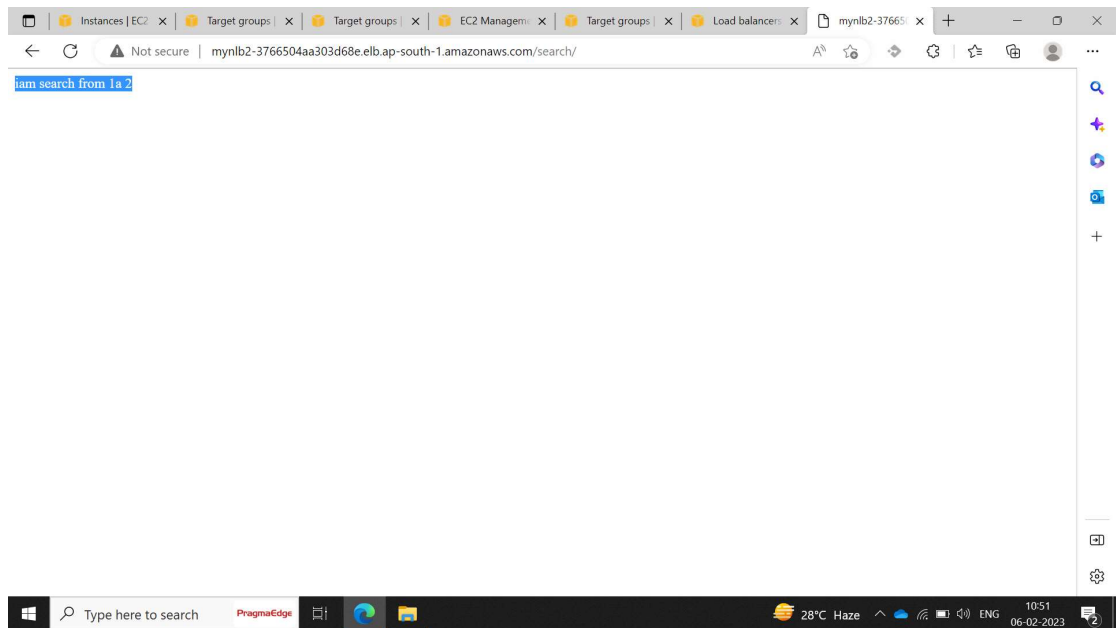
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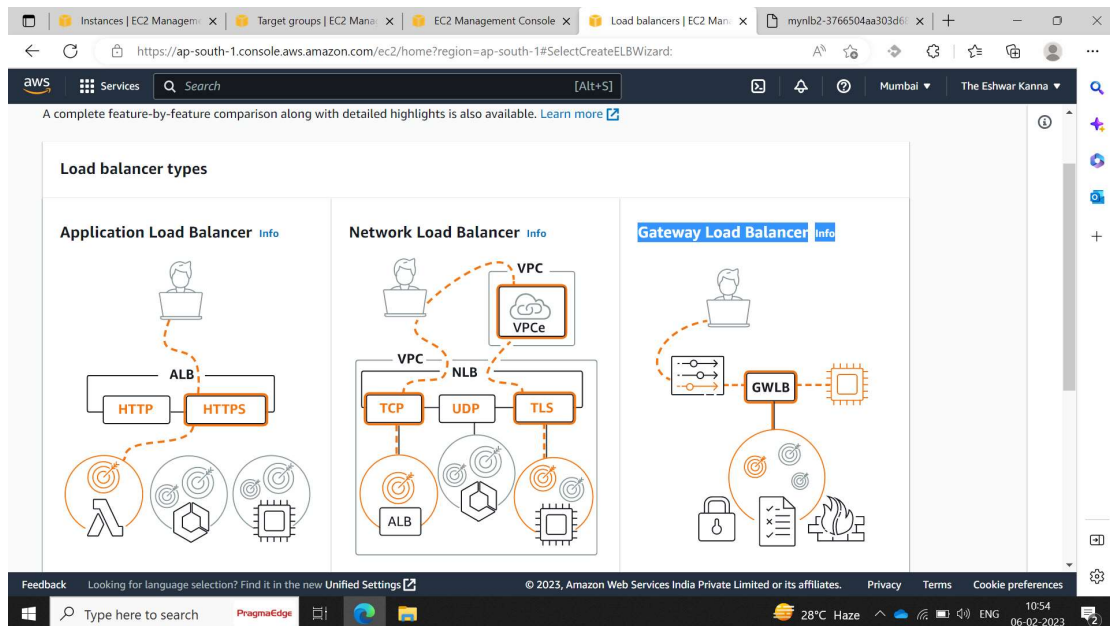
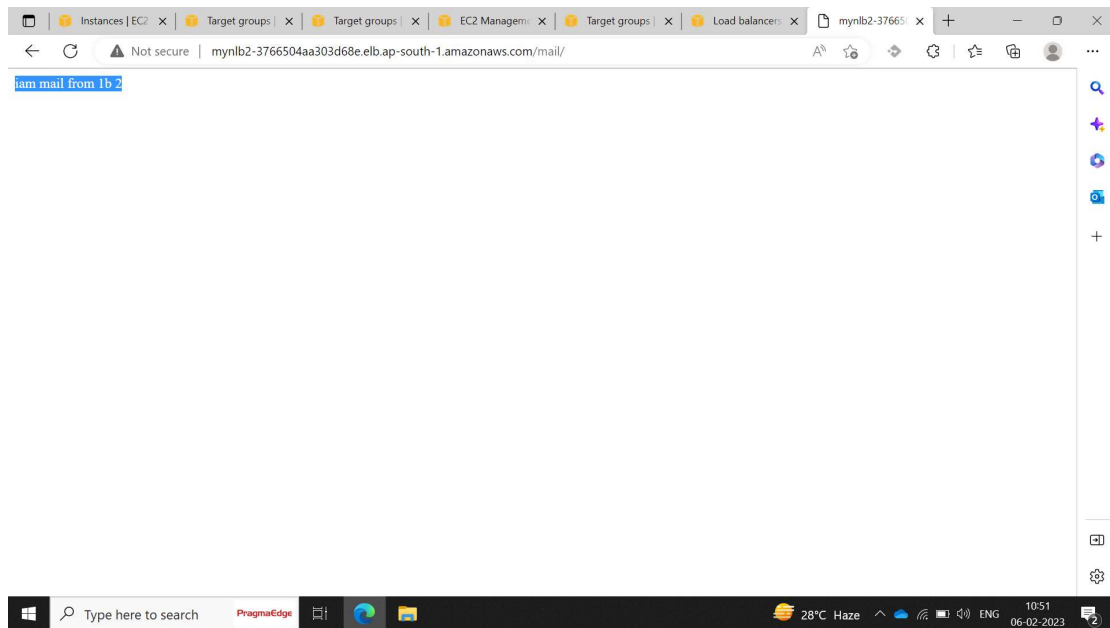
Instances | EC2 x Target groups x Target groups x EC2 Management x Target groups x Load balancers x mynlb2-3766504aa303d68e.elb.ap-south-1.amazonaws.com/search/

← ↻ ⚠ Not secure | mynlb2-3766504aa303d68e.elb.ap-south-1.amazonaws.com/search/

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Instances | EC2 Management | Target groups | EC2 Management Console | Load balancers | EC2 Management Console | mynlb2-3766504aa303d6

https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateGWLWizard:

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Basic configuration

Load balancer name
Name must be unique within your AWS account and cannot be changed after the load balancer is created.
mygwlb
A maximum of 32 alphanumeric characters including hyphens are allowed, but the name must not begin or end with a hyphen.

IP address type Info
Select the type of IP addresses that your subnets use.
☒ IPv4
☐ Dualstack
Includes IPv4 and IPv6 addresses.

Network mapping

The load balancer routes traffic to targets in the selected subnets, and in accordance with your IP address settings.

VPC Info
Select the virtual private cloud (VPC) for your targets. The selected VPC cannot be changed after the load balancer is created. To confirm the VPC for your targets, view your target groups.
mylwvpc
vpc-09de8be94b00bafaf
IPv4: 192.168.0.0/16

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Instances | EC2 Management | Target groups | EC2 Management Console | Load balancers | EC2 Management Console | mynlb2-3766504aa303d6

https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateGWLWizard:

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Mappings

Select the desired zones and corresponding subnets. Subnets cannot be removed after the load balancer is created. The load balancer routes traffic to targets in the selected subnets. Availability Zones that are not supported by the load balancer or the VPC are disabled. At least one subnet must be specified.

☒ ap-south-1a (aps1-az1)
Subnet
subnet-0a9d953e9dff7cf0f public-sub-1a

☒ ap-south-1b (aps1-az3)
Subnet
subnet-0905fd46e43290b9f public-sub-1b

IP listener routing

Info
An IP listener is listening for all connection requests. Gateway Load Balancers operate at Layer 3 of the OSI model, so all traffic will be received by a single listener and routed per your specifications.

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