

Instances (1/7) Info Last updated less than a minute ago Connect Instance state Actions Launch instances

All states

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status
<input type="checkbox"/>	instance-3	i-077d87f0dba0eb723	Running	t2.micro	2/2 checks passed	View alarms +
<input type="checkbox"/>	instance-1	i-0736b540ba052b1b6	Running	t2.micro	2/2 checks passed	View alarms +
<input checked="" type="checkbox"/>	instance-2	i-0ec62a5f8c182aca0	Running	t2.micro	2/2 checks passed	View alarms +

i-0ec62a5f8c182aca0 (instance-2)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary Info

Instance ID i-0ec62a5f8c182aca0	Public IPv4 address 43.204.29.4 open address	Private IPv4 addresses 172.31.32.85
IPv6 address -	Instance state Running	Public DNS -

Load balancers | EC2 | ap-south-1

GitHub - Build and ship software

+

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

aws

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Asia Pacific (Mumbai)

Ankit Singh

EC2 > Load balancers

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Lifecycle Manager

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Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

▼ Load Balancing

Load Balancers

Target Groups

Trust Stores

▼ Auto Scaling

Auto Scaling Groups

Settings

Load balancers

Elastic Load Balancing scales your load balancer capacity automatically in response to changes in incoming traffic.

Filter load balancers

< 1 >

	Name	DNS name	State	VPC ID	Availability Zones
No load balancers					
You don't have any load balancers in ap-south-1					

Create load balancer

0 load balancers selected

Select a load balancer above.

CloudShell

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22:21

15-07-2025

Create application load balance xStep 1 Create target group | EC2 xGitHub - Build and ship software x+

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateTargetGroup:protocol=HTTP,vpc=vpc-0adb293e6f07b3d12

awsSearch[Alt+S]

EC2 > Target groups > Create target group

Step 1Specify group detailsStep 2Register 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 can't 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.

☐ Lambda function

- Facilitates routing to a single Lambda function.

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Create application load balance xStep 2 Create target group | EC2 xGitHub - Build and ship software x

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateTargetGroup:protocol=HTTP,vpc=vpc-0adb293e6f07b3d12

awsSearch[Alt+S]

EC2 > Target groups > Create target group

Step 1Specify group details

Step 2Register 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 (3)

Filter instances

< 1 >

<input type="checkbox"/>	Instance ID	Name	State	Security groups
<input type="checkbox"/>	i-077d87f0dba0eb723	instance-3	Running	launch-wizard-19
<input type="checkbox"/>	i-0ec62a5f8c182aca0	instance-2	Running	launch-wizard-18
<input type="checkbox"/>	i-0736b540ba052b1b6	instance-1	Running	launch-wizard-17

0 selected

Ports for the selected instances

Ports for routing traffic to the selected instances.

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Create application load balance xStep 2 Create target group | EC2 xGitHub - Build and ship software x

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateTargetGroup:protocol=HTTP,vpc=vpc-0adb293e6f07b3d12

aws

EC2 > Target groups > Create target group

3 selections are now pending below. Include more or register targets when ready.

Review targets

Targets (3)

Remove all pending

Filter targets

Show only pending

1

Instance ID	Name	Port	State	Security groups	Zone	Private IPv4 ad
i-077d87f0dba0eb723	instance-3	80	Running	launch-wizard-19	ap-south-1b	172.31.3.34
i-0ec62a5f8c182aca0	instance-2	80	Running	launch-wizard-18	ap-south-1a	172.31.32.85
i-0736b540ba052b1b6	instance-1	80	Running	launch-wizard-17	ap-south-1b	172.31.4.10

3 pending

CancelPreviousCreate target group

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Load balancers | EC2 | ap-south-1

SecurityGroups | EC2 | ap-south-1

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

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Load balancers (1/1)

Actions

Create load balancer

Elastic Load Balancing scales your load balancer capacity automatically in response to changes in incoming traffic.

Filter load balancers

<input checked="" type="checkbox"/>	Name	DNS name	State	VPC ID	Availability Zones
<input checked="" type="checkbox"/>	balance330	balance330-427706734.ap-...	-	vpc-0adb293e6f07b3d12	3 Availability Zones

Load balancer: balance330

Details

Listeners

Network mapping

Security

Health checks

Target instances

Monitoring

Details

Load balancer type	Status	VPC	Date created
Classic	3 of 3 instances in service	vpc-0adb293e6f07b3d12	July 15, 2025, 22:41 (UTC+05:30)

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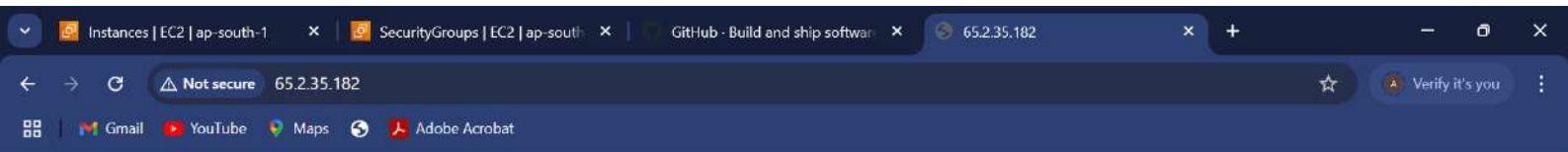
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this is ip-172-31-3-34

