

Instances | EC2 Management Consoles

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

Feedback Looking for language selection? Find it in the new Unified Settings [Alt+S]

Mumbai The Eshwar Kanna

Successully started i-0d152c5b817fa3a3e, i-0a74a44ecdda301e4, i-081af96b39c5e89d4, i-064ae05b832825828

Instances (4) Info Connect Instance state Actions Launch Instances

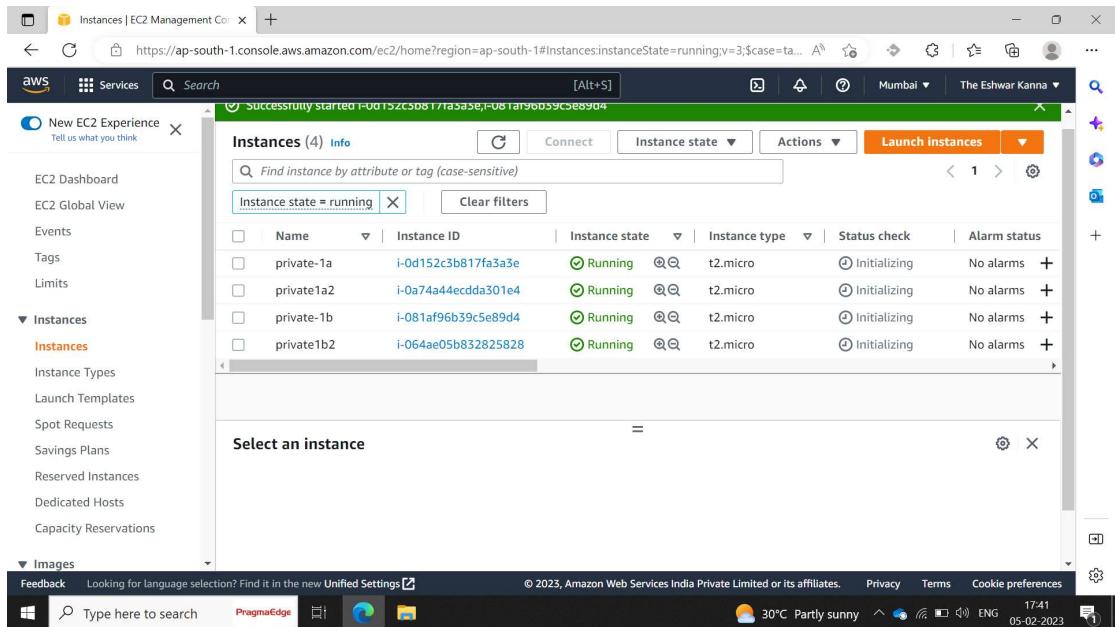
Find instance by attribute or tag (case-sensitive)

Instance state = running Clear filters

Name	Instance ID	Instance state	Instance type	Status check	Alarm status
private-1a	i-0d152c5b817fa3a3e	Running	t2.micro	Initializing	No alarms
private1a2	i-0a74a44ecdda301e4	Running	t2.micro	Initializing	No alarms
private-1b	i-081af96b39c5e89d4	Running	t2.micro	Initializing	No alarms
private1b2	i-064ae05b832825828	Running	t2.micro	Initializing	No alarms

Select an instance

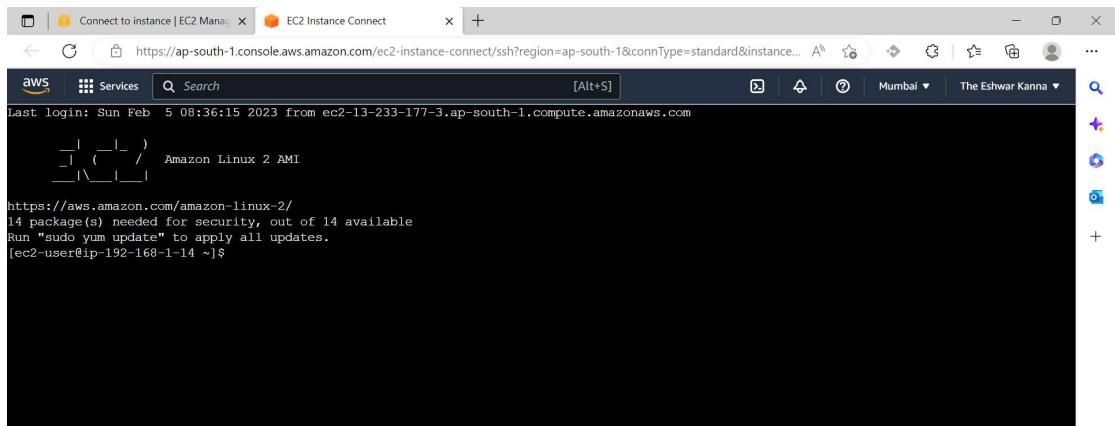
30°C Partly sunny 17:41 05-02-2023



Connect to instance | EC2 Management Consoles EC2 Instance Connect

Last login: Sun Feb 5 08:36:15 2023 from ec2-13-233-177-3.ap-south-1.compute.amazonaws.com

```
[ec2-user@ip-132-168-1-14 ~]$
```



i-09f460655459ab452 (pub-1a)

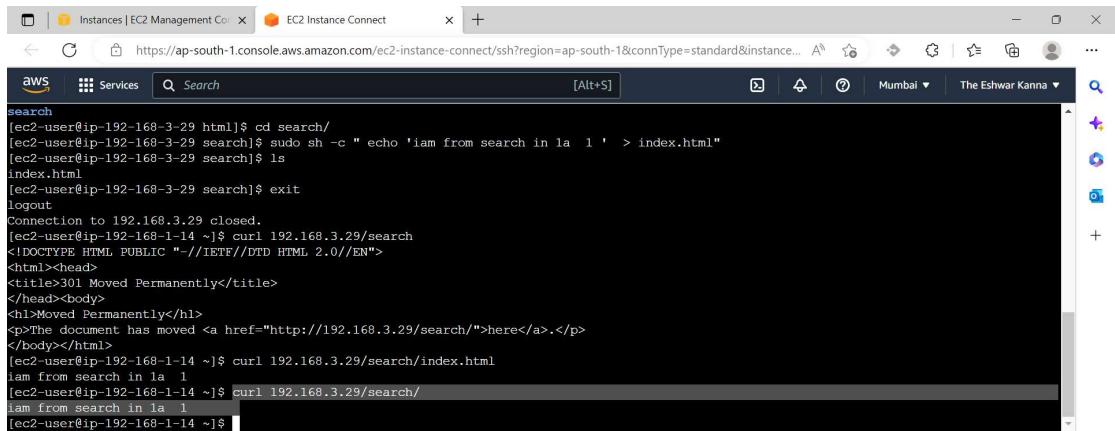
Public IPs: 43.205.243.46 Private IPs: 192.168.1.14

Feedback Looking for language selection? Find it in the new Unified Settings [Alt+S]

Mumbai The Eshwar Kanna

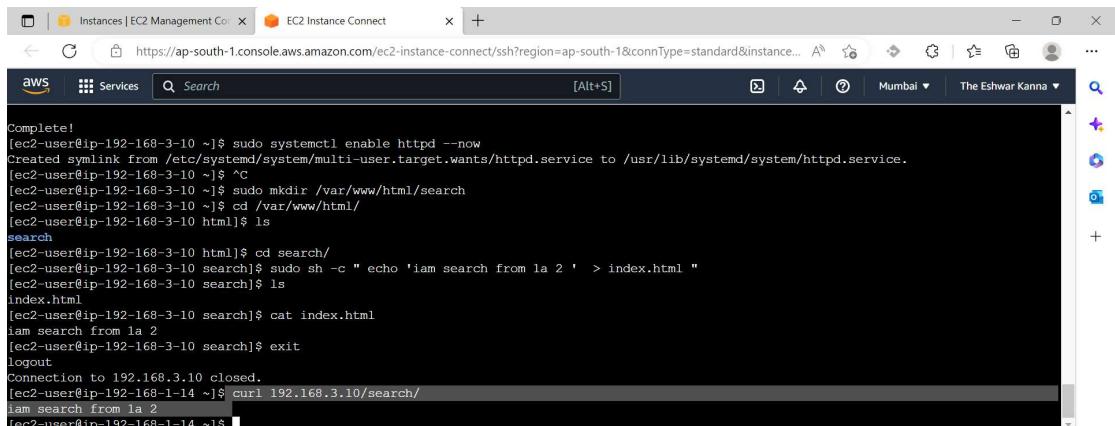
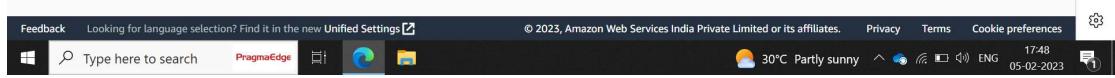
30°C Partly sunny 17:43 05-02-2023





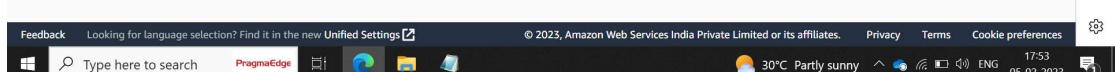
```
search
[ec2-user@ip-192-168-3-29 html]$ cd search/
[ec2-user@ip-192-168-3-29 search]$ sudo sh -c " echo 'iam from search in la 1' > index.html"
[ec2-user@ip-192-168-3-29 search]$ exit
index.html
[ec2-user@ip-192-168-3-29 search]$ logout
Connection to 192.168.3.29 closed.
[ec2-user@ip-192-168-1-14 ~]$ curl 192.168.3.29/search
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>301 Moved Permanently</title>
</head><body>
<h1>Moved Permanently</h1>
<p>The document has moved <a href="http://192.168.3.29/search/">here</a>.</p>
</body></html>
[ec2-user@ip-192-168-1-14 ~]$ curl 192.168.3.29/search/index.html
iam from search in la 1
[ec2-user@ip-192-168-1-14 ~]$ curl 192.168.3.29/search/
iam from search in la 1
[ec2-user@ip-192-168-1-14 ~]$
```

i-09f460655459ab452 (pub-1a)
PublicIPs: 43.205.243.46 PrivateIPs: 192.168.1.14



```
Complete!
[ec2-user@ip-192-168-3-10 ~]$ sudo systemctl enable httpd --now
Created symlink from /etc/systemd/system/multi-user.target.wants/httpd.service to /usr/lib/systemd/system/httpd.service.
[ec2-user@ip-192-168-3-10 ~]$ sudo mkdir /var/www/html/search
[ec2-user@ip-192-168-3-10 ~]$ cd /var/www/html/
[ec2-user@ip-192-168-3-10 html]$ ls
search
[ec2-user@ip-192-168-3-10 html]$ cd search/
[ec2-user@ip-192-168-3-10 search]$ sudo sh -c " echo 'iam search from la 2' > index.html "
[ec2-user@ip-192-168-3-10 search]$ exit
index.html
[ec2-user@ip-192-168-3-10 search]$ cat index.html
iam search from la 2
[ec2-user@ip-192-168-3-10 search]$ logout
Connection to 192.168.3.10 closed.
[ec2-user@ip-192-168-1-14 ~]$ curl 192.168.3.10/search/
iam search from la 2
[ec2-user@ip-192-168-1-14 ~]$
```

i-09f460655459ab452 (pub-1a)
PublicIPs: 43.205.243.46 PrivateIPs: 192.168.1.14



Instances | EC2 Management Con... EC2 Instance Connect

<https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-09f460655459ab452>

Mumbai | The Eshwar Kanna

aws Services Search [Alt+S]

```

14 package(s) needed for security, out of 14 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-192-168-4-191 ~]$ cd /var/www/html/mail/
[ec2-user@ip-192-168-4-191 mail]$ ls
[ec2-user@ip-192-168-4-191 mail]$ cd ..
[ec2-user@ip-192-168-4-191 html]$ ls
index.html mail
[ec2-user@ip-192-168-4-191 html]$ mv index.html mail/
mv: cannot move 'index.html' to 'mail/index.html': Permission denied
[ec2-user@ip-192-168-4-191 html]$ sudo mv index.html mail/
[ec2-user@ip-192-168-4-191 html]$ ls
mail
[ec2-user@ip-192-168-4-191 html]$ cd mail/
[ec2-user@ip-192-168-4-191 mail]$ ls
index.html
[ec2-user@ip-192-168-4-191 mail]$ exit
logout
Connection to 192.168.4.191 closed.
[ec2-user@ip-192-168-1-14 ~]$ curl 192.168.4.191/mail/
iam mail from lb 1
[ec2-user@ip-192-168-1-14 ~]$ 
```

i-09f460655459ab452 (pub-1a)

PublicIPs: 43.205.243.46 PrivateIPs: 192.168.1.14

Feedback Looking for language selection? Find it in the new Unified Settings

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

30°C Partly sunny ENG 05-02-2023

Instances | EC2 Management Con... EC2 Instance Connect

<https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-09f460655459ab452>

Mumbai | The Eshwar Kanna

aws Services Search [Alt+S]

```

<div class="content-column-right">
    <h2>If you are the website administrator:</h2>
    <p>You may now add content to the directory <tt>/var/www/html/</tt>. Note that until you do so, people visiting your website will see this page, and not your content. To prevent this page from ever being used, follow the instructions in the file <tt>/etc/httpd/conf.d/welcome.conf</tt>.</p>
    <p>You are free to use the image below on web sites powered by the Apache HTTP Server:</p>
    <p align="center"><a href="http://httpd.apache.org/"></a></p>
</div>
</div>
</body>
</html>
curl: (3) URL using bad/illegal format or missing URL
[ec2-user@ip-192-168-1-14 ~]$ curl 192.168.4.39/mail/
iam mail from lb 2
[ec2-user@ip-192-168-1-14 ~]$ 
```

i-09f460655459ab452 (pub-1a)

PublicIPs: 43.205.243.46 PrivateIPs: 192.168.1.14

Feedback Looking for language selection? Find it in the new Unified Settings

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

30°C Partly sunny ENG 05-02-2023

The screenshot shows the AWS EC2 Target Groups management interface. The left sidebar includes options like Volumes, Snapshots, Lifecycle Manager, Network & Security (Security Groups, Elastic IPs, Placement Groups, Key Pairs, Network Interfaces), Load Balancing (Load Balancers, Target Groups), and Auto Scaling (Launch Configurations, Auto Scaling Groups). The main content area displays a table with columns for Name, ARN, Port, Protocol, and Target type. A message at the bottom states "No target groups" and "You don't have any target groups in ap-south-1".

The screenshot shows the "Basic configuration" step of the "Create Target Group" wizard. It asks to "Choose a target type". The "Instances" option is selected, with a note that it supports load balancing to instances within a specific VPC and facilitates the use of Amazon EC2 Auto Scaling. Other options shown are "IP addresses", "Lambda function", and "Application Load Balancer". The wizard is currently at Step 2: Register targets.

The screenshot shows the AWS Lambda console interface. At the top, there are three tabs: 'EC2 Instance Connect', 'Target groups | EC2 Management', and 'Load balancers | EC2 Management'. The current tab is 'Load balancers | EC2 Management'. The URL in the address bar is <https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateTargetGroup>. The page title is 'Create target group'.

The main form fields include:

- Target group name:** tg-search
- Protocol:** HTTP (selected)
- Port:** 80
- VPC:** myvpc (selected)
- 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.

At the bottom of the page, there are links for 'Feedback', 'Privacy', 'Terms', and 'Cookie preferences'. The status bar at the bottom right shows the date as 05-02-2023 and the time as 18:01.

This screenshot shows the continuation of the AWS Lambda function creation process. The top navigation bar and tabs are identical to the previous screenshot.

The main form fields include:

- Health checks:** The associated load balancer periodically sends requests, per the settings below, to the registered targets to test their status.
- Health check protocol:** HTTP (selected)
- Health check path:** /search/ (specifying a custom path)
- Advanced health check settings:** A link to modify health check settings.
- Attributes:** A note stating that certain default attributes will be applied to the target group.

At the bottom of the page, there are links for 'Feedback', 'Privacy', 'Terms', and 'Cookie preferences'. The status bar at the bottom right shows the date as 05-02-2023 and the time as 18:02.

This screenshot shows the 'Available instances (2/5)' section of the AWS EC2 Target Groups creation wizard. It lists six EC2 instances with their details:

Instance ID	Name	State	Security groups	Zone	Subnet ID
i-09f460655459ab452	pub-1a	running	launch-wizard-18	ap-south-1a	subnet-0a9d953e9dff7cf0f
i-0d152c3b817fa3a5e	private-1a	running	launch-wizard-19	ap-south-1a	subnet-06e9cbc5750a3b5f0
i-0a74a44ecdda301e4	private1a2	running	launch-wizard-21	ap-south-1a	subnet-06e9cbc5750a3b5f0
i-081af96b39c5e89d4	private-1b	running	launch-wizard-20	ap-south-1b	subnet-0a29b79dc90752fa6
i-064ae05b832825828	private1b2	running	launch-wizard-22	ap-south-1b	subnet-0a29b79dc90752fa6

This screenshot shows the 'Ports for the selected instances' section where port 80 is specified for the selected instances.

Ports for the selected instances
Ports for routing traffic to the selected instances.
80
1-65535 (separate multiple ports with commas)

Review targets

Targets (0)

Review Targets

The screenshot shows two separate browser windows of the AWS Management Console.

Top Window: The URL is <https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateTargetGroup>. The page is titled "Review targets". It displays a table of "Targets (2)" with columns: Remove, Health status, Instance ID, Name, Port, State, Security groups, and Zone. Both entries are marked as "Pending". The first entry is for instance i-0a74a44ecdda301e4 with port 80 and state running. The second entry is for instance i-0d152c3b817fa3a3e with port 80 and state running. A "Create target group" button is visible at the bottom right.

Targets (2)							
Remove	Health status	Instance ID	Name	Port	State	Security groups	Zone
X	Pending	i-0a74a44ecdda301e4	private1a2	80	running	launch-wizard-21	ap-south-1a
X	Pending	i-0d152c3b817fa3a3e	private-1a	80	running	launch-wizard-19	ap-south-1a

Bottom Window: The URL is <https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#TargetGroups>. The page is titled "Target groups (1/1) Info". It shows a table with one entry: "tg-search". The details for "tg-search" are shown in a modal window below:

Name	ARN	Port	Protocol	Target type
tg-search	arn:aws:elasticloadbalancing:ap-south-1:94b00ba...	80	HTTP	Instance

The modal window for "tg-search" provides more detailed information:

Instance	HTTP: 80	HTTP1	vpc-09de6be94b00ba...
IP address type	Load balancer		
IPv4	(None associated)		
Total targets	Healthy	Unhealthy	Unused
2	0	0	2
	Initial	Initial	Draining
	0	0	0

EC2 Instance Connect | Target groups | EC2 Management | Load balancers | EC2 Management

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

Services Search [Alt+S] Mumbai The Eshwar Kanna

Facilitates using static IP addresses and PrivateLink with an Application Load Balancer.

Target group name: tg-mail

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: mylwpc

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

mylwpc

vx-09de5be94b00babaf

IPv4: 192.168.0.0/16

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.

EC2 Instance Connect Target groups | EC2 Management Load balancers | EC2 Management

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

Services Search [Alt+S] Mumbai The Eshwar Kanna

Health check protocol: HTTP

Health check path: /mail/ Up to 1024 characters allowed.

Advanced health check settings

Attributes

Certain default attributes will be applied to your target group. You can view and edit them after creating the target group.

Tags - optional

Consider adding tags to your target group. Tags enable you to categorize your AWS resources so you can more easily manage them.

The screenshot shows the AWS EC2 Target Groups interface. In the main list, three instances are listed:

Instance ID	Private IP	Health Status	Port	State	Security Group	Zone
i-0a74a44ecddaa301e4	private1a2	running	80	running	launch-wizard-21	ap-south-1a
i-081af96b39c5e89d4	private-1b	running	80	running	launch-wizard-20	ap-south-1b
i-064ae05b832825828	private1b2	running	80	running	launch-wizard-22	ap-south-1b

Two instances are selected. A port value of 80 is entered in the "Ports for the selected instances" field. The "Include as pending below" button is visible.

Review targets

Targets (0)

Targets (2)

Remove	Health status	Instance ID	Name	Port	State	Security groups	Zone
X	Pending	i-064ae05b832825828	private1b2	80	running	launch-wizard-22	ap-south-1b
X	Pending	i-081af96b39c5e89d4	private-1b	80	running	launch-wizard-20	ap-south-1b

2 pending

Cancel Previous Create target

Screenshot of the AWS Management Console showing the Target groups page. The left sidebar shows 'Instances' selected. The main content displays two target groups:

Name	ARN	Port	Protocol	Target type
<input checked="" type="checkbox"/> tg-mail	arn:aws:elasticloadbalancing:ap-south-1:123456789012:targetgroup/tg-mail/1234567890123456	80	HTTP	Instance
<input type="checkbox"/> tg-search	arn:aws:elasticloadbalancing:ap-south-1:123456789012:targetgroup/tg-search/1234567890123456	80	HTTP	Instance

The details for the tg-mail target group are shown in the modal:

Instance	HTTP: 80	HTTP1	vpc-09de6be94b00baef
IP address type	Load balancer	IPv4	None associated
Total targets	Healthy	Unhealthy	Unused
2	0	0	2
	Initial	Draining	0
	0	0	0

Screenshot of the AWS Management Console showing the Load balancer types page. The left sidebar shows 'Services' selected. The main content compares three types of load balancers:

- Application Load Balancer (ALB)**: Handles HTTP and HTTPS traffic, terminating SSL at the load balancer. It can route requests to multiple targets (Amazon Lambda functions, Amazon API Gateway, Application Load Balancers, and Network Load Balancers).
- Network Load Balancer (NLB)**: Handles TCP, UDP, and TLS traffic. It can route requests to multiple targets (Amazon Lambda functions, Application Load Balancers, and Network Load Balancers) and supports VPC endpoints.
- Gateway Load Balancer (GWLB)**: Handles traffic for specific protocols like AWS Lambda, Amazon Kinesis, and AWS Step Functions.

The screenshot shows the AWS Lambda console interface. At the top, there are three tabs: 'EC2 Instance Connect', 'Target groups | EC2 Management', and 'Load balancers | EC2 Management'. The current tab is 'Load balancers | EC2 Management'. Below the tabs, the URL is https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateALBWizard:.

The main content area is titled 'Create a new Application Load Balancer'. It has two tabs: 'Load balancer name' (selected) and 'Network mapping'. The 'Load balancer name' tab contains a text input field with the value 'search-mail'. A note says: 'Name must be unique within your AWS account and cannot be changed after the load balancer is created.' Below this is a note: 'A maximum of 32 alphanumeric characters including hyphens are allowed, but the name must not begin or end with a hyphen.'

The 'Scheme' section has two options: 'Internet-facing' (selected) and 'Internal'. A note says: 'Scheme cannot be changed after the load balancer is created.' Below this is a note: 'An internet-facing load balancer routes requests from clients over the internet to targets. Requires a public subnet. Learn more'.

The 'IP address type' section has two options: 'IPv4' (selected) and 'Dualstack'. A note says: 'Recommended for internal load balancers.' Below this is a note: 'Includes IPv4 and IPv6 addresses.'

The 'Network mapping' tab contains a note: 'The load balancer routes traffic to targets in the selected subnets, and in accordance with your IP address settings.' Below this is a note: 'Select the virtual private cloud (VPC) for your targets. Only VPCs with an internet gateway are enabled for selection. The selected VPC cannot be changed after the load balancer is created. To confirm the VPC for your targets, view your target groups.'

A dropdown menu shows a single entry: 'mylwvpc' with the details 'vpc-09de6be94b00bafaf' and 'IPv4: 192.168.0.0/16'. There is also a 'Mappings' section with a note: 'Select at least two Availability Zones and one subnet per zone. The load balancer routes traffic to targets in these Availability Zones only. Availability Zones that are not supported by the load balancer or the VPC are not available for selection.' A checkbox is checked next to 'ap-south-1a (aps1-az1)', and another checkbox is unchecked next to 'ap-south-1b (aps1-az3)'.

Subnet
subnet-0a9d953e9dff7cf0f public-sub-1a

IPv4 settings
Assigned by AWS

ap-south-1b (aps1-a23)

Subnet
subnet-0905fd46e43290b9f public-sub-1b
subnet-0a29b79dc90752fa6 private-sub-1b
subnet-0905fd46e43290b9f public-sub-1b

Assigned by AWS

Security groups Info

Feedback Looking for language selection? Find it in the new Unified Settings Feedback

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 30°C Partly sunny ENG 05-02-2023

Security group name Info
sgforALB

Description Info
Allows SSH access to developers

VPC Info
vpc-06f405c2a337e0f4f

Inbound rules Info

This security group has no inbound rules.

Add rule

Feedback Looking for language selection? Find it in the new Unified Settings Feedback

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 30°C Partly sunny ENG 05-02-2023

Screenshot of the AWS Management Console showing the creation of a security group and an ALB listener.

Inbound rules

Type: All traffic, Protocol: All, Port range: All, Source: Anywhere, Description: Allows SSH access to developers, Destination: 0.0.0.0/0.

Outbound rules

Type: All traffic, Protocol: All, Port range: All, Destination: Anywhere, Description: optional.

Security groups

Select up to 5 security groups: launch-wizard-20 sg-00a715dedf1c9a932.

Listeners and routing

Listener HTTP:80: Protocol: HTTP, Port: 80, Default action: Select a target group, Forward to: Create target group.

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.

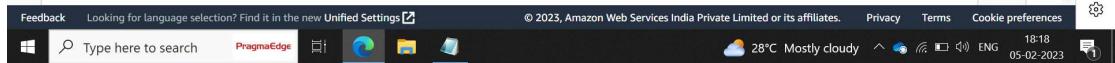
▼ Listener HTTP:80

Protocol	Port	Default action
HTTP	: 80 1-65535	Forward to tg-search

Listener tags - optional
Consider adding tags to your listener. Tags enable you to categorize your AWS resources.

Add listener tag
You can add up to 50 more tags.

Add listener



Basic configuration

search-mail

- Internet-facing
- IPv4

Security groups

- launch-wizard-20
- sg-00a715dedf1c9a932

Network mapping

VPC vpc-09de6be94b00bafaf mylwpc

- ap-south-1a
- subnet-0a9d953e9dff7cf0f
- public-sub-1a
- ap-south-1b
- subnet-0905fd46e43290b9f
- public-sub-1b

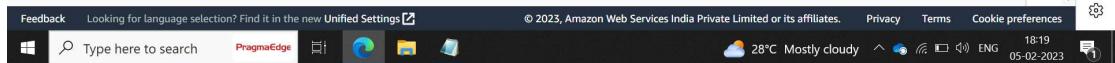
Listeners and routing

- HTTP:80 defaults to tg-search

Add-on services

Tags

Certain default attributes will be applied to your load balancer. You can view and edit them after creating the load balancer.



The screenshot shows two separate browser tabs open on the AWS Management Console.

Top Tab: Load Balancers

The URL is <https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LoadBalancers>.

The sidebar shows the following navigation:

- EC2 Dashboard
- EC2 Global View
- Events
- Tags
- Limits
- Instances** (selected)

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

- Images

The main content area displays "Load balancers (1/2)". It includes a "Create load balancer" button and a table with the following data:

Name	DNS name	State	VPC ID	Availability
myweblb	myweblb-201189938.ap-so...	-	vpc-09de6be94b00bafaf	2 Available
search-mail	search-mail-206824471.ap...	Active	vpc-09de6be94b00bafaf	2 Available

Bottom Tab: Target Groups

The URL is <https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#TargetGroups>.

The sidebar shows the following navigation:

- AMIs
- AMI Catalog
- Elastic Block Store** (selected)

 - Volumes
 - Snapshots
 - Lifecycle Manager

- Network & Security**

 - Security Groups
 - Elastic IPs
 - Placement Groups
 - Key Pairs
 - Network Interfaces

- Load Balancing**

 - Load Balancers
 - Target Groups** (selected)

- Auto Scaling

The main content area displays "Target groups (1/2)". It includes a "Create target group" button and a table with the following data:

Name	ARN	Port	Protocol	Target type
tg-mail	arn:aws:elasticloadbalancing:ap-south-1:123456789012:targetgroup/tg-mail/123456789012345678	80	HTTP	Instance
tg-search	arn:aws:elasticloadbalancing:ap-south-1:123456789012:targetgroup/tg-search/123456789012345678	80	HTTP	Instance

A modal window is open for the target group "tg-search", showing its configuration:

Instance	HTTP: 80	HTTP1	vpc-09de6be94b00bafaf
IP address type	Load balancer		
IPv4	search-mail		

Below the modal, a summary table shows the target group status:

Total targets	Healthy	Unhealthy	Unused	Initial	Draining
2	2	0	0	0	0

The screenshot shows the AWS EC2 Management Console with the URL <https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LoadBalancer:loadBalancerArn=arn:aws:elasticloadbalancing:ap-south-1:789576624500:loadbalancer/app/search-mail/2d8de62b60cbc904>. The left sidebar shows navigation options like Elastic Block Store, Network & Security, Load Balancing, and Auto Scaling. The main content area displays the 'Details' for the load balancer 'search-mail'. Key information includes:

	Value
Load balancer type	Application
DNS name	search-mail-206824471.ap-south-1.elb.amazonaws.com
Status	Active
VPC	vpc-09de6be94b00bafaf
IP address type	IPv4
Scheme	Internet-facing
Availability Zones	subnet-0a9d953e9dff7cf0f (ap-south-1a (aps1-az1)) subnet-0905fd46e43290b9f (ap-south-1b (aps1-az3))
Hosted zone	ZP97RAFLXTNZK

At the bottom, there are links for Feedback, Privacy, Terms, and Cookie preferences, along with system status indicators for temperature (28°C), weather (Mostly cloudy), and date/time (05-02-2023).

The screenshot shows a web browser window with the URL <https://search-mail-206824471.ap-south-1.elb.amazonaws.com/search/>. The page content is a single line of text: "iam from search in la 1". The browser interface includes a search bar, a taskbar with various icons, and system status indicators for temperature (28°C), weather (Mostly cloudy), and date/time (05-02-2023).

The screenshot shows the AWS EC2 Load Balancers console. The URL in the address bar is <https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ELBListenerV2:loadBalancerArn=arn:aws:elasti...>. The page title is "HTTP:80 listener". The left sidebar has sections for EC2 Dashboard, EC2 Global View, Events, Tags, Limits, Instances (with sub-options like Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations), and Images. The main content area shows "Listener rules (1) Info". It lists one rule: "Default (last)" with "Rule ARN" tg-search. Under "If (all match)", it says "Request is not otherwise routed". Under "Then", it shows "1. Forward to": tg-search: 1 (100%) and Group-level stickiness: Off. There are tabs for Details, Rules (which is selected), and Tags. At the bottom, there are Priority and Tags columns. A toolbar at the top right includes Actions, Rule limits, Manage rules, and a refresh icon.

The screenshot shows the "Rules" section for the "search-mail | HTTP:80" listener. The URL in the address bar is <https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ELBRules:type=app:loadBalancerName=search-mail>. The page title is "search-mail | HTTP:80". The left sidebar shows the "Rules" tab is selected. The main content area displays a single rule: "last HTTP 80: default action IF Requests otherwise not routed THEN Forward to tg-search: 1 (100%) Group-level stickiness: Off". Below this, it says "To edit, select a mode above." and "search-mail | HTTP:80 (1 rules)". A toolbar at the top right includes a back arrow, forward arrow, and a refresh icon.

Screenshot of the AWS CloudFront Rules configuration page.

The interface shows a list of rules under the "IF (all match)" section:

- Rule ID:** 1
- Condition:** Path... (selected)
- Value:** /mail/
- Condition:** or
- Value:** /mail
- Condition:** or
- Value:** Value

The "THEN" section contains one action:

- Action:** Forward to...
- Target group:** tg-search: 1 (100%)
- Group-level stickiness:** Off

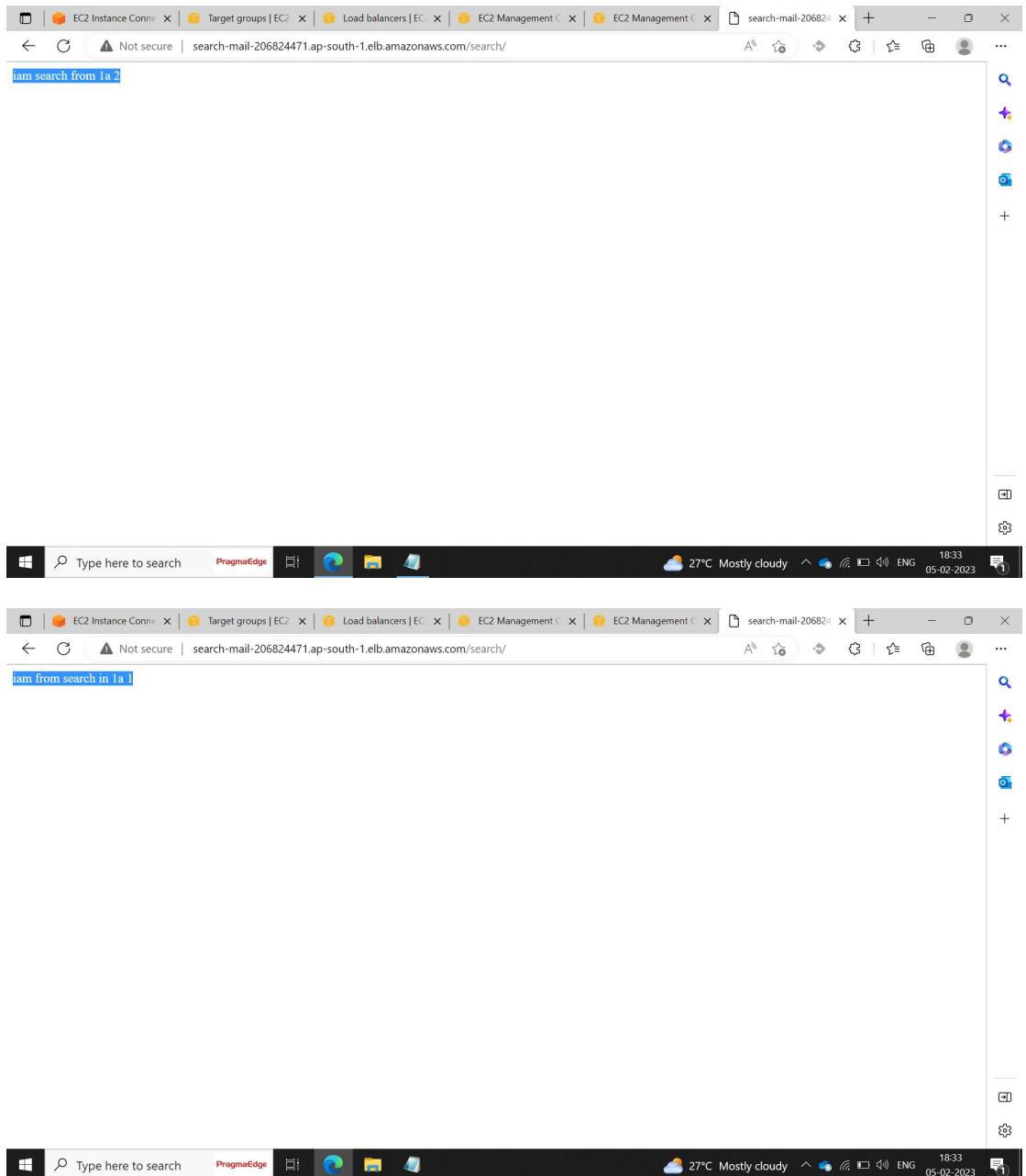
At the bottom, there is a note: "last HTTP 80: default action This rule cannot be moved or deleted".

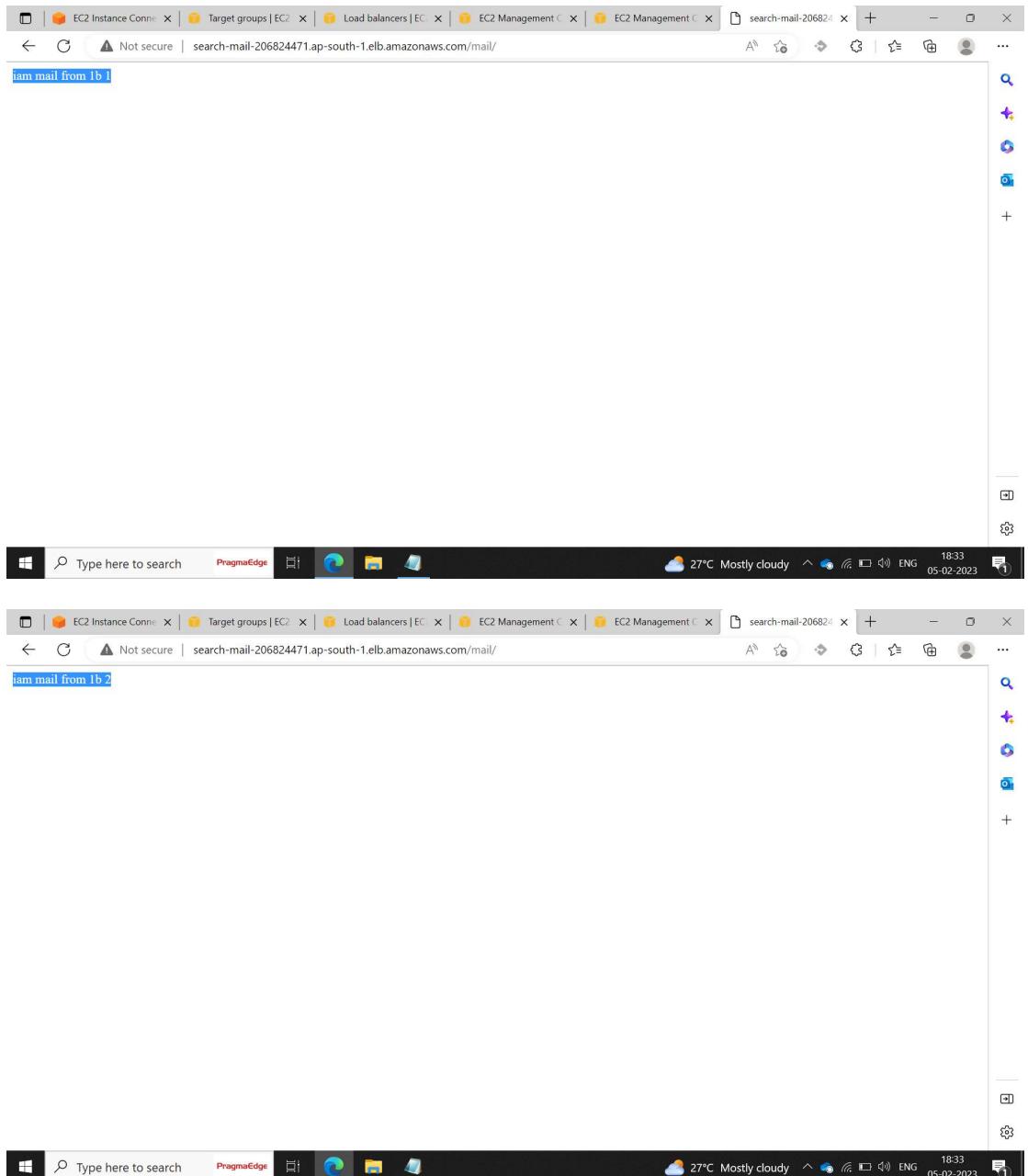
The screenshot shows the AWS Lambda Rules configuration interface. A new rule is being created with the following details:

- RULE ID:** 1
- IF (all match):** Path...
 - is /search/
 - or search
 - or Value
- THEN:**
 - 1. Forward to...
 - Target group : Weight (0-999)
 - tg-search
 - Traffic distribution 100%
 - Select a target group
 - Group-level stickiness
 - + Add action

The screenshot shows the AWS Lambda Rules configuration interface. A new rule is being created with the following details:

- RULE ID:** 1
- IF (all match):** Path...
 - is /login
 - or /login/
 - or Value
- THEN:**
 - 1. Return fixed response...
 - Response code (2xx,4xx,5xx)
 - 503
 - Content-Type (optional)
 - text/plain
 - Response body (optional)
 - you are not allowed to login





The screenshot shows a web browser window with the URL search-mail-206824471.ap-south-1.elb.amazonaws.com/login. The status bar at the bottom indicates "you are not allowed to login".

Below the browser window is a Windows taskbar with several pinned icons: PragmaEdge, EC2 Instance Conn, Target groups | EC2, Load balancers | EC2, EC2 Management, EC2 Management, and search-mail-206824471.ap-south-1.elb.amazonaws.com/login.

The main content area shows a 403 Forbidden error page with the message "you are not allowed to login".

The screenshot shows the AWS Management Console with the URL <https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#TargetGroups>.

The left sidebar navigation includes: AMIs, AMI Catalog, Elastic Block Store (Volumes, Snapshots, Lifecycle Manager), Network & Security (Security Groups, Elastic IPs, Placement Groups, Key Pairs, Network Interfaces), Load Balancing (Load Balancers, Target Groups), and Auto Scaling.

The main content area displays the "Target groups (1/2)" page. It lists two target groups:

Name	ARN	Port	Protocol	Target type
<input checked="" type="checkbox"/> tg-mail	arn:aws:elasticloadbalancing:ap-south-1:123456789012:targetgroup/tg-mail/1234567890123456	80	HTTP	Instance
<input type="checkbox"/> tg-search	arn:aws:elasticloadbalancing:ap-south-1:123456789012:targetgroup/tg-search/1234567890123456	80	HTTP	Instance

A modal window titled "Target group: tg-mail" is open, showing details for the selected target group:

Instance	HTTP: 80	HTTP1	vpc-09de6be94b00bafaf
IP address type	Load balancer		
IPv4	search-mail		

Summary statistics for the target group:

Total targets	Healthy	Unhealthy	Unused	Initial	Draining
2	2	0	0	0	0

