

Task 15: Create a S3 bucket, with no public access and upload files to the bucket & view the logs for the uploaded files. Launch two ec2-instances and connect it to a application load balancer, where the output traffic from the server must be an load balancer IP address.

**1. Create a S3 bucket, with no public access & view the logs for the uploaded files:**

### General configuration

AWS Region  
Asia Pacific (Mumbai) ap-south-1

Bucket name [Info](#)

sharmi-s3bucket

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket - *optional*  
Only the bucket settings in the following configuration are copied.

Choose bucket

Format: s3://bucket/prefix

### Object Ownership [Info](#)

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

☐ ACLs disabled (recommended)

All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

☒ ACLs enabled

Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

## Block Public Access settings for this bucket

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

☐ **Block *all* public access**

Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

☐ **Block public access to buckets and objects granted through *new* access control lists (ACLs)**

S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.

☐ **Block public access to buckets and objects granted through *any* access control lists (ACLs)**

S3 will ignore all ACLs that grant public access to buckets and objects.

☐ **Block public access to buckets and objects granted through *new* public bucket or access point policies**

S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.

☐ **Block public and cross-account access to buckets and objects through *any* public bucket or access point policies**

S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.



**Turning off block all public access might result in this bucket and the objects within becoming public**

AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.

☒ I acknowledge that the current settings might result in this bucket and the

Successfully created bucket "sharmi-s3bucket"

To upload files and folders, or to configure additional bucket settings, choose [View details](#).

[View details](#)

Amazon S3 > Buckets

▶ **Account snapshot - updated every 24 hours** All AWS Regions

Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

[View Storage Lens dashboard](#)

General purpose buckets

Directory buckets

General purpose buckets (1) Info All AWS Regions

Buckets are containers for data stored in S3.



[Copy ARN](#)

[Empty](#)

[Delete](#)

[Create bucket](#)

< 1 >

Name	AWS Region	IAM Access Analyzer	Creation date
<a href="#">sharmi-s3bucket</a>	Asia Pacific (Mumbai) ap-south-1	<a href="#">View analyzer for ap-south-1</a>	July 15, 2024, 21:19:39 (UTC+05:30)

2. Upload files to the bucket:

[Amazon S3](#) > [Buckets](#) > [sharmi-s3bucket](#) > Upload

# Upload

[Info](#)

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)

Drag and drop files and folders you want to upload here, or choose **Add files** or **Add folder**.

Files and folders (32 Total, 2.1 MB)

Remove

Add files

Add folder

All files and folders in this table will be uploaded.

Find by name

< 1 2 3 4 >

<input type="checkbox"/>	Name	Folder	Type
<input type="checkbox"/>	ABOUT THIS TEMPLATE.txt	s3 bucket file/2133_moso_interior/	text/plain
<input type="checkbox"/>	index.html	s3 bucket file/2133_moso_interior/	text/html
<input type="checkbox"/>	shop-detail.html	s3 bucket file/2133_moso_interior/	text/html
<input type="checkbox"/>	shop-listing.html	s3 bucket file/2133_moso_interior/	text/html
<input type="checkbox"/>	bootstrap.min.js	s3 bucket file/2133_moso_interior/js/	text/javascr
<input type="checkbox"/>	click-scroll.is	s3 bucket file/2133_moso_interior/is/	text/iavascr

Files and folders (32 Total, 2.1 MB)

Remove

Add files

Add folder

All files and folders in this table will be uploaded.

Find by name

< 1 2 3 4 >

<input type="checkbox"/>	Name	Folder	Type
<input type="checkbox"/>	bootstrap.min.js	s3 bucket file/2133_moso_interior/js/	text/javascript
<input type="checkbox"/>	click-scroll.js	s3 bucket file/2133_moso_interior/js/	text/javascript
<input type="checkbox"/>	custom.js	s3 bucket file/2133_moso_interior/js/	text/javascript
<input type="checkbox"/>	jquery.backstretch.min.js	s3 bucket file/2133_moso_interior/js/	text/javascript
<input type="checkbox"/>	jquery.min.js	s3 bucket file/2133_moso_interior/js/	text/javascript
<input type="checkbox"/>	owl.carousel.min.js	s3 bucket file/2133_moso_interior/js/	text/javascript

Destination [Info](#)

Destination

s3://sharmi-s3bucket

► Destination details

Bucket settings that impact new objects stored in the specified destination.

Upload succeeded  
View details below.

Upload: status

Close

The information below will no longer be available after you navigate away from this page.


















Summary


Destination s3://sharmi-s3bucket	Succeeded 32 files, 2.1 MB (100.00%)	Failed 0 files, 0 B (0%)
-------------------------------------	---	-----------------------------


 Upload succeeded  
View details below.

Files and folders (32 Total, 2.1 MB)

 Find by name


Name	Folder	Type	Size	Status	Error
<a href="#">ABOUT THI...</a>	s3 bucket fil...	text/plain	510.0 B	 Succeeded	-
<a href="#">index.html</a> 	s3 bucket fil...	text/html	37.1 KB	 Succeeded	-
<a href="#">shop-detail...</a> 	s3 bucket fil...	text/html	13.6 KB	 Succeeded	-
<a href="#">shop-listing...</a> 	s3 bucket fil...	text/html	23.1 KB	 Succeeded	-
<a href="#">bootstrap.m...</a> 	s3 bucket fil...	text/javascript	57.8 KB	 Succeeded	-
<a href="#">click-scroll.j...</a> 	s3 bucket fil...	text/javascript	1.2 KB	 Succeeded	-
<a href="#">custom.js</a> 	s3 bucket fil...	text/javascript	1.2 KB	 Succeeded	-
<a href="#">jquery.backs...</a>	s3 bucket fil...	text/javascript	4.1 KB	 Succeeded	-
<a href="#">jquery.min.j...</a> 	s3 bucket fil...	text/javascript	83.7 KB	 Succeeded	-
<a href="#">owl.carousel...</a>	s3 bucket fil...	text/javascript	43.3 KB	 Succeeded	-


 Successfully edited public access  
View details below.




Make public: status

Close

 The information below will no longer be available after you navigate away from this page.

Summary		
Source s3://sharmi-s3bucket/s3 bucket file/2133_moso_interior/	Successfully edited public access  32 objects, 2.1 MB	Failed to edit public access 0 objects

Failed to edit public access Configuration

Failed to edit public access (0)							
<div> Find objects by name</div>							
Name	Folder	Type	Last modified	Size	Error		

# Edit static website hosting Info

## Static website hosting

Use this bucket to host a website or redirect requests. [Learn more](#)

### Static website hosting

- ☐ Disable
- ☒ Enable

### Hosting type

- ☒ Host a static website
- Use the bucket endpoint as the web address. [Learn more](#)
- ☐ Redirect requests for an object
- Redirect requests to another bucket or domain. [Learn more](#)

✔ Successfully edited static website hosting.

✔ Successfully edited public access

View details below.

## Make public: status

Close

The information below will no longer be available after you navigate away from this page.

### Summary

Source	Successfully edited public access	Failed to edit public access
s3://sharmi-s3bucket/s3 bucket file/2133_moso_interior/	✔ 1 object, 37.1 KB	0 objects

Properties Permissions Versions

### Object overview

Owner  
53eca5a531d31f53fc5705b0a2d9b9caca27a19a8cc37c90349bb20580e91d33

AWS Region  
Asia Pacific (Mumbai) ap-south-1

Last modified  
July 15, 2024, 21:35:37 (UTC+05:30)

Size  
37.1 KB

Type  
html

Key  
s3 bucket file/2133\_moso\_interior/index.html

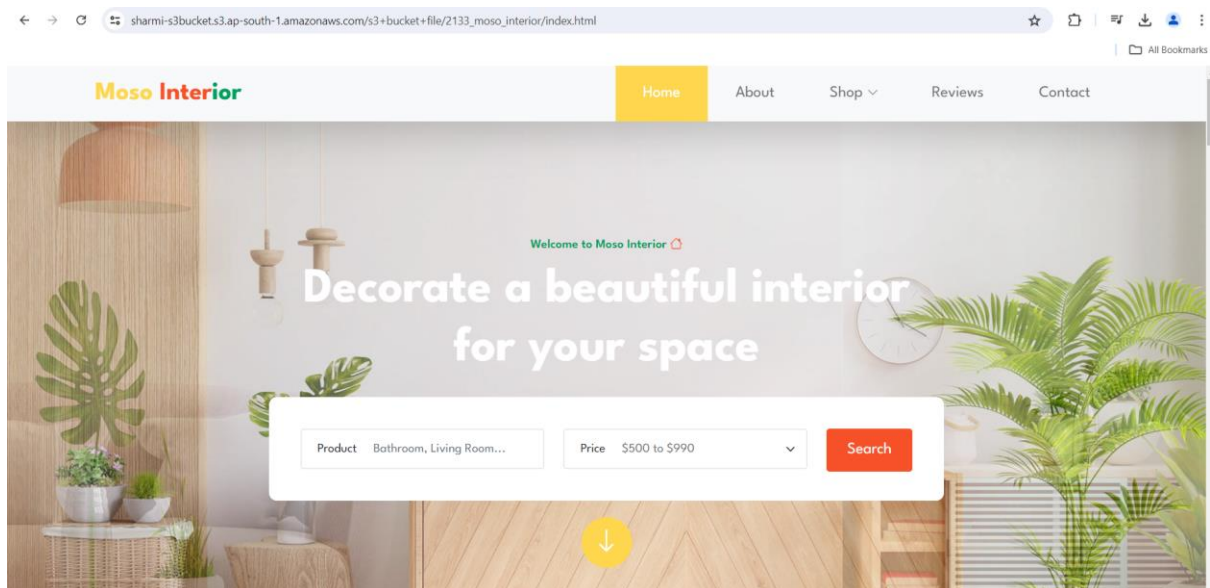
S3 URI  
s3://sharmi-s3bucket/s3 bucket file/2133\_moso\_interior/index.html

Amazon Resource Name (ARN)  
arn:aws:s3::sharmi-s3bucket/s3 bucket file/2133\_moso\_interior/index.html

Entity tag (Etag)  
de2b55fd810453a2d87723bfd24ce109

Object URL Copied

https://sharmi-s3bucket.s3.ap-south-1.amazonaws.com/s3+bucket+file/2133\_moso\_interior/index.html



### 3. View the logs for the uploaded files:

[Amazon S3](#) > [Buckets](#) > [sharmi-s3bucket](#) > Edit server access logging

## Edit server access logging [Info](#)


### Server access logging

Log requests for access to your bucket. [Learn more](#)

Server access logging

☐ Disable

☒ Enable

**Bucket policy will be updated**

When you enable server access logging, the S3 console automatically updates your bucket policy to include access to the S3 log delivery group.

**Destination**


Specify a destination bucket in the Asia Pacific (Mumbai) ap-south-1 Region. To store your logs under a particular prefix, make sure that you include a slash (/) after the name of the prefix. Otherwise, the prefix will be added to the name of your log files.

[Browse S3](#)

Format: s3://<bucket>/<optional-prefix-with-path>

Destination Region

Asia Pacific (Mumbai) ap-south-1

 **Successfully edited server access logging.**

Amazon S3 > Buckets

Account snapshot - updated every 24 hours

All AWS Regions

View Storage Lens dashboard

General purpose buckets

Directory buckets

General purpose buckets (2)

Info

All AWS Regions

Refresh

Copy ARN

Empty

Delete

Create bucket

Buckets are containers for data stored in S3.

Find buckets by name

< 1 > ⚙

	Name	AWS Region	IAM Access Analyzer	Creation date
<input type="radio"/>	logs-s3-bucket-sharmi	Asia Pacific (Mumbai) ap-south-1	<a href="#">View analyzer for ap-south-1</a>	July 15, 2024, 22:01:18 (UTC+05:30)
<input type="radio"/>	sharmi-s3bucket	Asia Pacific (Mumbai) ap-south-1	<a href="#">View analyzer for ap-south-1</a>	July 15, 2024, 21:19:39 (UTC+05:30)

Objects (642)

Info

Refresh

Copy S3 URI

Copy URL

Download

Open

Delete

Actions

Create folder

Upload

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Find objects by prefix

< 1 2 3 > ⚙

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	<a href="#">logs2024-07-15-17-13-25-004DF45FFCA78131</a>	-	July 15, 2024, 22:43:26 (UTC+05:30)	663.0 B	Standard
<input type="checkbox"/>	<a href="#">logs2024-07-15-17-15-17-A22F2CDCFDF200C4</a>	-	July 15, 2024, 22:45:18 (UTC+05:30)	652.0 B	Standard
<input type="checkbox"/>	<a href="#">logs2024-07-15-17-17-07-B071D6F4659884E8</a>	-	July 15, 2024, 22:47:08 (UTC+05:30)	1.3 KB	Standard
<input type="checkbox"/>	<a href="#">logs2024-07-15-17-17-55-6313A8D2CE4A1E75</a>	-	July 15, 2024, 22:47:56 (UTC+05:30)	670.0 B	Standard
<input type="checkbox"/>	<a href="#">logs2024-07-15-17-18-13-B86259999C34BAA6</a>	-	July 15, 2024, 22:48:14 (UTC+05:30)	650.0 B	Standard
<input type="checkbox"/>	<a href="#">logs2024-07-15-17-18-17-8E7F270C5F355D19</a>	-	July 15, 2024, 22:48:18 (UTC+05:30)	663.0 B	Standard
<input type="checkbox"/>	<a href="#">logs2024-07-15-17-18-30-FAFOAB4095FE30EE</a>	-	July 15, 2024, 22:48:31 (UTC+05:30)	656.0 B	Standard
<input type="checkbox"/>	<a href="#">logs2024-07-15-17-18-55-1315C76CAB97E986</a>	-	July 15, 2024, 22:48:56 (UTC+05:30)	668.0 B	Standard
<input type="checkbox"/>	<a href="#">logs2024-07-15-17-19-46-4B9330A63CA6404B</a>	-	July 15, 2024, 22:49:47 (UTC+05:30)	638.0 B	Standard
<input type="checkbox"/>	<a href="#">logs2024-07-15-17-22-45-01C6885113452004</a>	-	July 15, 2024, 22:52:46 (UTC+05:30)	731.0 B	Standard
<input type="checkbox"/>	<a href="#">logs2024-07-15-17-22-45-01C6885113452004</a>	-	July 15, 2024, 22:52:46 (UTC+05:30)	731.0 B	Standard

Objects (642)

Info

Refresh

Copy S3 URI

Copy URL

Download

Open

Delete

Actions

Create folder

Upload

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Find objects by prefix

< 1 2 3 > ⚙

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	<a href="#">logs2024-07-15-17-18-17-8E7F270C5F355D19</a>	-	July 15, 2024, 22:48:18 (UTC+05:30)	663.0 B	Standard
<input type="checkbox"/>	<a href="#">logs2024-07-15-17-18-30-FAFOAB4095FE30EE</a>	-	July 15, 2024, 22:48:31 (UTC+05:30)	656.0 B	Standard
<input type="checkbox"/>	<a href="#">logs2024-07-15-17-18-55-1315C76CAB97E986</a>	-	July 15, 2024, 22:48:56 (UTC+05:30)	668.0 B	Standard
<input type="checkbox"/>	<a href="#">logs2024-07-15-17-19-46-4B9330A63CA6404B</a>	-	July 15, 2024, 22:49:47 (UTC+05:30)	638.0 B	Standard
<input type="checkbox"/>	<a href="#">logs2024-07-15-17-22-45-01C6885113452004</a>	-	July 15, 2024, 22:52:46 (UTC+05:30)	731.0 B	Standard
<input type="checkbox"/>	<a href="#">logs2024-07-15-17-22-45-01C6885113452004</a>	-	July 15, 2024, 22:52:46 (UTC+05:30)	731.0 B	Standard



4. Launch two ec2-instances and connect it to a application load balancer, where the output traffic from the server must be an load balancer IP address:

- Launch two ec2-instances:

[EC2](#) > [Instances](#) > Launch an instance

## Launch an instance [Info](#)

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

### Name and tags [Info](#)


Name

loadbalancer-vpc1

[Add additional tags](#)

### User data - optional [Info](#)

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

 **Choose file**

```
#!/bin/bash
sudo apt update
sudo apt install apache2 wget unzip -y
wget https://www.tooplate.com/zip-templates/2132_clean_work.zip
unzip 2132_clean_work.zip
sudo cp -r 2132_clean_work/* /var/www/html/
sudo systemctl restart apache2
```

## Launch an instance [Info](#)

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.


### Name and tags [Info](#)

Name

[Add additional tags](#)

### User data - *optional* [Info](#)

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

 **Choose file**

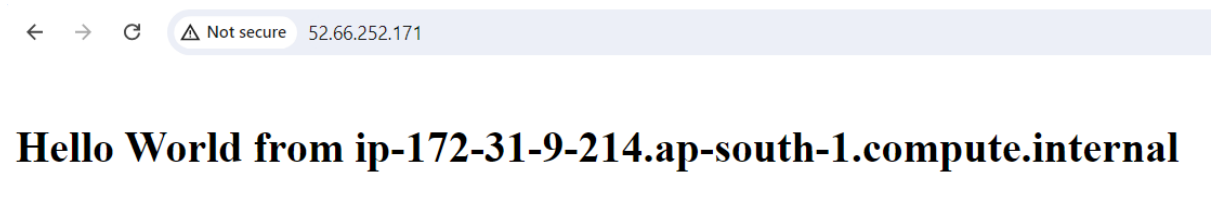
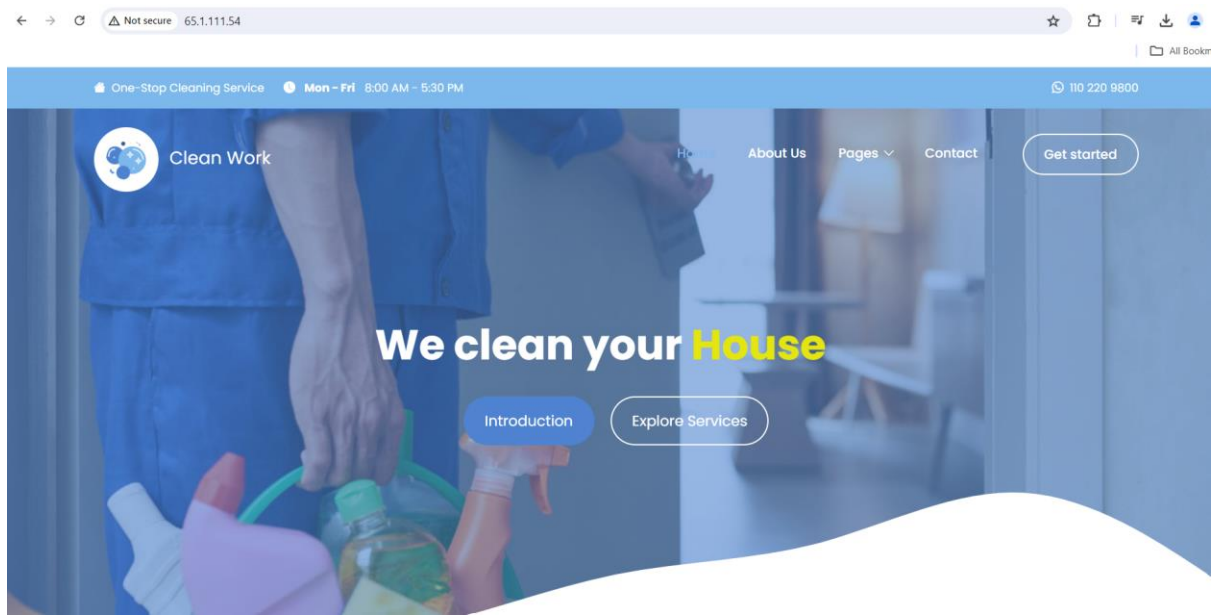
```
#!/bin/bash
sudo apt update -y
sudo apt install nginx -y
sudo systemctl enable nginx
sudo systemctl start nginx
echo "<h1>Hello World from $(hostname -f)</h1>" > /var/www/html/index.html
```

<input checked="" type="checkbox"/>	loadbalancer-...	i-03fc205b1347b8bad	<span>Running</span> <a href="#">🔍</a> <a href="#">🔍</a>	t2.micro	<span>2/2 checks passed</span> <a href="#">View alarms</a> <a href="#">+</a>	ap-south-1b	ec2-65-1-1
<input checked="" type="checkbox"/>	2-loadbalancer	i-0b3d11c39cee5ed33	<span>Pending</span> <a href="#">🔍</a> <a href="#">🔍</a>	t2.micro	- <a href="#">View alarms</a> <a href="#">+</a>	ap-south-1b	ec2-52-66

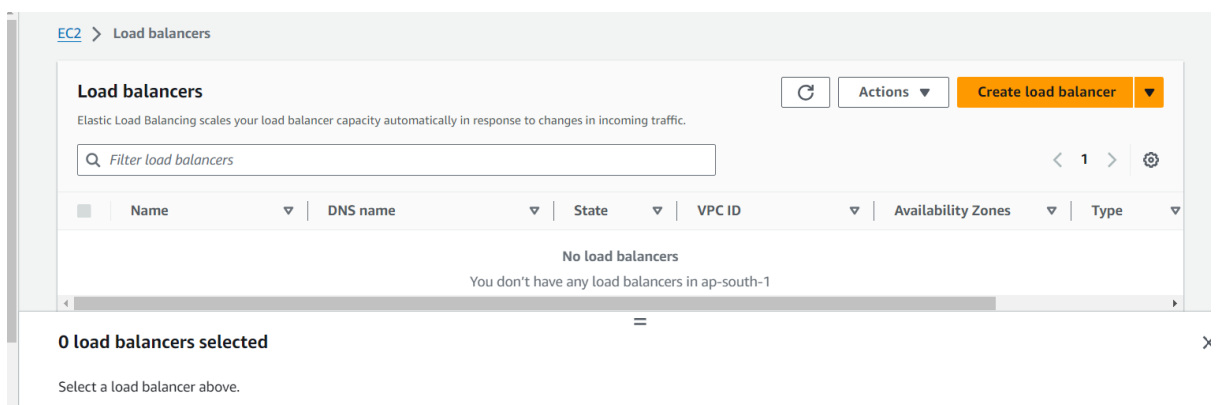
### My 2 applications running in port no 80:

#### Inbound rules [Info](#)

Security group rule ID	Type <a href="#">Info</a>	Protocol <a href="#">Info</a>	Port range <a href="#">Info</a>	Source <a href="#">Info</a>	Description - optional <a href="#">Info</a>
sgr-0932863d687f32551	SSH	TCP	22	Custom <a href="#">🔍</a>	<a href="#">Delete</a>
-	Custom TCP	TCP	80	Anywh... <a href="#">🔍</a>	<a href="#">Delete</a>



### Create load balancer:



## Create Application Load Balancer [Info](#)

The Application Load Balancer distributes incoming HTTP and HTTPS traffic across multiple targets such as Amazon EC2 instances, microservices, and containers, based on request attributes. When the load balancer receives a connection request, it evaluates the listener rules in priority order to determine which rule to apply, and if applicable, it selects a target from the target group for the rule action.

► **How Application Load Balancers work**

### Basic configuration

**Load balancer name**

Name must be unique within your AWS account and can't be changed after the load balancer is created.

task-loadbalancer

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

**Scheme** [Info](#)

Scheme can't 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. Compatible with the **IPv4** and **Dualstack** IP address types.

✔ Security group (sg-06738f32eab15f1ee | lb-sg) was created successfully

► Details

## sg-06738f32eab15f1ee - lb-sg

Actions ▼

### Details

Security group name

lb-sg

Security group ID

sg-06738f32eab15f1ee

Description

application load balancer

VPC ID

vpc-01ce844a8c44890ec

Owner

891377228959

Inbound rules count

1 Permission entry

Outbound rules count

1 Permission entry

## Security groups [Info](#)

A security group is a set of firewall rules that control the traffic to your load balancer. Select an existing security group, or you can [create a new security group](#).

**Security groups**

Select up to 5 security groups

lb-sg

sg-06738f32eab15f1ee VPC: vpc-01ce844a8c44890ec

## 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

1-65535

Default action [Info](#)

Forward to

Select a target group

[Create target group](#)

## Create target group:

[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 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.

Target group name

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

Protocol : Port

Choose a protocol for your target group that corresponds to the Load Balancer type that will route traffic to it. Some protocols now include anomaly detection for the targets and you can set mitigation options once your target group is created. This choice cannot be changed after creation

HTTP

▼

80

1-65535

IP address type

Only targets with the indicated IP address type can be registered to this target group.

☒ IPv4

Each instance has a default network interface (eth0) that is assigned the primary private IPv4 address. The instance's primary private IPv4 address is the one that will be applied to the target.

☐ IPv6

Each instance you register must have an assigned primary IPv6 address. This is configured on the instance's default network interface (eth0). [Learn more](#)

VPC

Select the VPC with the instances that you want to include in the target group. Only VPCs that support the IP address type selected above are available in this list.

-

vpc-01ce844a8c44890ec

IPv4 VPC CIDR: 172.31.0.0/16

▼

Protocol version

☒ HTTP1

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.

Available instances (2/2)

Filter instances

< 1 > ⚙

<input checked="" type="checkbox"/>	Instance ID	Name	State	Security groups
<input checked="" type="checkbox"/>	i-0b3d11c39cee5ed33	2-loadbalancer	Running	launch-wizard-7
<input checked="" type="checkbox"/>	i-03fc205b1347b8bad	loadbalancer-vpc1	Running	launch-wizard-6

2 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

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

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

### Review targets

Targets (2)

Filter targets

Show only pending

Remove all pending

< 1 > ⚙

Instance ID	Name	Port	State	Security groups	Zone	Private IPv4 address	Subnet
i-0b3d11c39cee5ed33	2-loadbalancer	80	Running	launch-wizard-7	ap-south-1b	172.31.9.214	subnet-1a1b1c1d
i-03fc205b1347b8bad	loadbalancer-vpc1	80	Running	launch-wizard-6	ap-south-1b	172.31.4.124	subnet-1e1f1g1h

2 pending

Cancel

Previous

Create target group

Successfully created the target group: **loadbalancer-tg**. Anomaly detection is automatically applied to all registered targets. Results can be viewed in the Targets tab.

EC2 > Target groups > loadbalancer-tg

loadbalancer-tg

Actions

Details

arn:aws:elasticloadbalancing:ap-south-1:891377228959:targetgroup/loadbalancer-tg/03ece1637d4111d8

Target type	Protocol : Port	Protocol version	VPC
Instance	HTTP: 80	HTTP1	<a href="#">vpc-01ce844a8c44890ec</a>
IP address type	Load balancer		
IPv4	<a href="#">None associated</a>		

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

Distribution of targets by Availability Zone (AZ)

Select values in this table to see corresponding filters applied to the Registered targets table below.

Select the created target group:

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

Port

Default action [Info](#)

HTTP ▼

:

80

Forward to

Select a target group

1-65535

Create target

Q |

loadbalancer-tg

Target type: Instance, IPv4

HTTP

loadbalancer-tg

Listener tags - optional

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

Add listener tag

You can add up to 50 more tags.

✔ Successfully created load balancer: task-loadbalancer

It might take a few minutes for your load balancer to fully set up and route traffic. Targets will also take a few minutes to complete the registration process and pass initial health checks.

[EC2](#) > [Load balancers](#) > task-loadbalancer

task-loadbalancer

Refresh Actions ▼

▼ Details

Load balancer type

Application

Status

⊖ Provisioning

VPC

[vpc-01ce844a8c44890ec](#)

Load balancer IP address type

IPv4

Scheme

Internet-facing

Hosted zone

ZP97RAFLXTNZK

Availability Zones

[subnet-0e34c2e1644ce98dc](#) ap-south-1c (aps1-az2)

[subnet-0c4b81f9c42c91b65](#) ap-south-1a (aps1-az1)

[subnet-01dd6ce47dd223b60](#) ap-south-1b (aps1-az3)

Date created

July 16, 2024, 08:15 (UTC+05:30)

Load balancer ARN

[arn:aws:elasticloadbalancing:ap-south-1:891377228959:loadbalancer/app/task-loadbalancer/3ad078f843bf1133](#)

DNS name [Info](#)

[task-loadbalancer-576244885.ap-south-1.elb.amazonaws.com](#) (A Record)

[EC2](#) > Load balancers

Load balancers (1)

Refresh Actions ▼ Create load balancer ▼

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

Filter load balancers

< 1 > ⚙

<input type="checkbox"/>	Name	DNS name	State	VPC ID	Availability Zones	Type
<input type="checkbox"/>	<a href="#">task-loadbalancer</a>	<a href="#">task-loadbalancer-576244...</a>	✔ Active	vpc-01ce844a8c44890ec	3 Availability Zones	application

EC2 > Load balancers > task-loadbalancer

task-loadbalancer

Actions

▼ Details

Load balancer type	Status	VPC	Load balancer IP address type
Application	Active	<a href="#">vpc-01ce844a8c44890ec</a>	IPv4
Scheme	Hosted zone	Availability Zones	Date created
Internet-facing	ZP97RAFLXTNZK	<a href="#">subnet-0e34c2e1644ce98dc</a> ap-south-1c (aps1-az2)	July 16, 2024, 08:15 (UTC+05:30)
		<a href="#">subnet-0c4b81f9c42c91b65</a> ap-south-1a (aps1-az1)	
		<a href="#">subnet-01dd6ce47dd223b60</a> ap-south-1b (aps1-az3)	
Load balancer ARN		DNS name	
<a href="#">arn:aws:elasticloadbalancing:ap-south-1:891377228959:loadbalancer/app/task-loadbalancer/3ad078f843bf1133</a>		<a href="#">task-loadbalancer-576244885.ap-south-1.elb.amazonaws.com</a> (A Record)	

5. application load balancer, where the output traffic from the server must be an load balancer IP address:

Zen ClassDay 4 - AWS Elastic load balancerLoad balancerTarget groupSecurity GroupChatGPTClean Work52.66.252.100task-loadbalancer-576244885.ap-south-1.elb.amazonaws.com

task-loadbalancer-576244885.ap-south-1.elb.amazonaws.com

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task-loadbalancer-576244885.ap-south-1.elb.amazonaws.com

Hello World from ip-172-31-9-214.ap-south-1.compute.internal