

# Elastic load balancer project

## Step 1

PC > Security Groups > sg-0a898d9b924565a95 - alb\_sg > Edit inbound rules

### Edit inbound rules [Info](#)

Inbound rules control the incoming traffic that's allowed to reach the instance.

#### 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>	
sg-0ae89b63371246491	HTTP ▼	TCP	80	Custom ▼ <input type="text" value="0.0.0.0"/>	allow everything on p	<div>Delete</div>

Add rule

Cancel

Preview changes

Save rules

VPC > Security Groups > sg-0e8bcca4ec9e7aae8 - web\_sg > Edit inbound rules

## Edit inbound rules [Info](#)

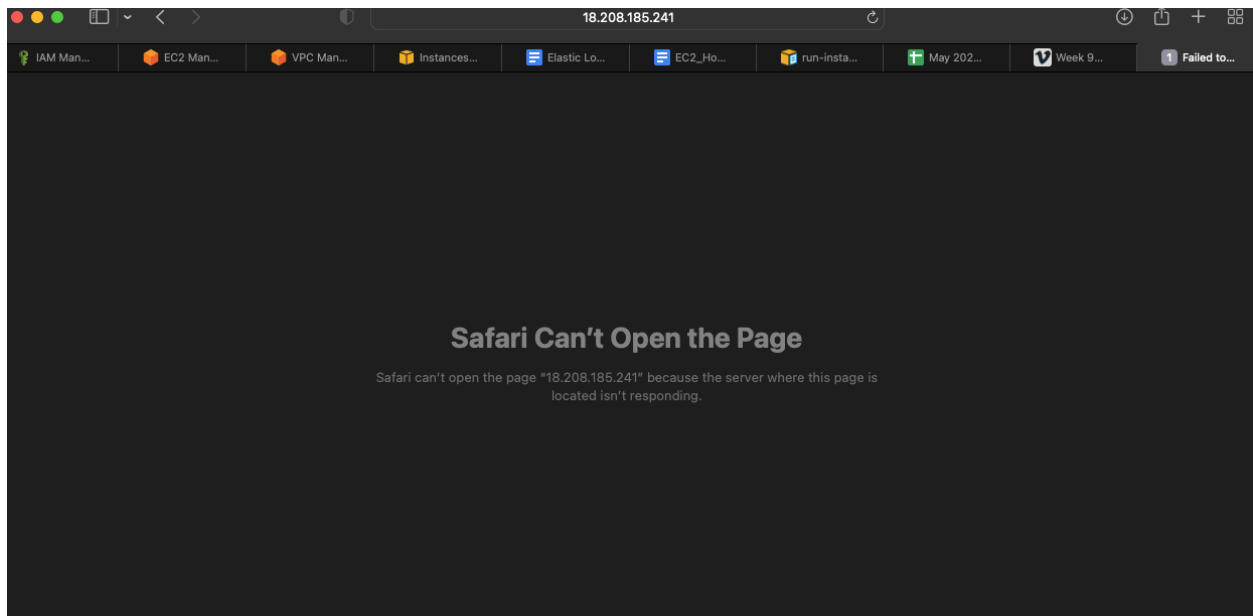
Inbound rules control the incoming traffic that's allowed to reach the instance.

### 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>	
sg-01def05467b49be1d	HTTP ▼	TCP	80	Custom ▼ <input type="text" value="Q"/>	web_sg should allow ;	<div>sg-0a898d9b924565a95 ✕</div> <div>Delete</div>

Add rule

# Step 2





EC2 > Target groups > may2022class-tg

may2022class-tg

Actions ▾

Details

arn:aws:elasticloadbalancing:us-east-1:981265394095:targetgroup/may2022class-tg/6c8cb0c541df93e2

Target type Instance	Protocol : Port HTTP: 80	Protocol version HTTP1	VPC <a href="#">vpc-01e4ce7b758c8a1aa</a>
IP address type IPv4	Load balancer <a href="#">None associated</a>		

Total targets	Healthy	Unhealthy	Unused	Initial	Draining
2	✔ 0	✘ 0	⌵ 2	⌚ 0	⌵ 0

Targets

Monitoring

Health checks

Attributes

Tags

Registered targets (2)

↻

Deregister

Register targets

Alb

Security groups

Select up to 5 security groups

Create new security group

alb\_sg sg-0a898d9b924565a95 VPC: vpc-01e4ce7b758c8a1aa

Listeners and routing

A listener is a process that checks for connection requests, using the protocol and port you configure. Traffic received by the listener is then routed per your specification. You can specify multiple rules and multiple certificates per listener after the load balancer is created.

Listener HTTP:80

Remove

Protocol

Port

Default action

Info

HTTP

:

80

Forward to

may2022class-tg

HTTP

1-65535

Target type: Instance, IPv4

Create target group

Add listener

# Running the webserver with the alb

Welcome to the Image Server 1 (Blue)

---

Welcome to the Image Server 2 (Red)

---