

Step 3: Configure Security Groups

A security group is a set of firewall rules that control the traffic to your load balancer. On this page, you can add rules to allow specific traffic to reach your load balancer. First, decide whether to create a new security group or select an existing one.

Assign a security group

☐ Create a **new** security group

☒ Select an **existing** security group

Filter

VPC security groups

Security Group ID	Name	Description	Actions
<input type="checkbox"/> sg-01f33d74	default	default VPC security group	Copy to new
<input type="checkbox"/> sg-08e4e7b327c347649	secure1	launch-wizard-1 created 2021-03-18T21:19:06.719+05:30	Copy to new
<input checked="" type="checkbox"/> sg-07f89f2a0bc7ce3dc	secure2	launch-wizard-1 created 2021-03-18T21:21:18.441+05:30	Copy to new
<input type="checkbox"/> sg-0328bff34b45f1a84	securitygropu2	launch-wizard-1 created 2021-03-18T12:35:15.219+05:30	Copy to new
<input type="checkbox"/> sg-012a1f5136e29485a	securitygroup1	launch-wizard-1 created 2021-03-18T11:57:36.090+05:30	Copy to new
<input type="checkbox"/> sg-0f60183b9020949ef	wizardsecure1	launch-wizard-1 created 2021-03-18T21:08:01.414+05:30	Copy to new

Step 4: Configure Routing

Your load balancer routes requests to the targets in this target group using the protocol and port that you specify, and performs health checks on the targets using these health check settings. The target group you specify in this step will apply to all of the listeners configured on this load balancer; you can edit the listeners and add listeners after the load balancer is created.

Target group

Target group ⓘ

New target group ⌵

Name ⓘ

Server2

Target type

☒ Instance

☐ IP

☐ Lambda function

Protocol ⓘ

HTTP ⌵

Port ⓘ

80

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.

Step 5: Register Targets

Register targets with your target group. If you register a target in an enabled Availability Zone, the load balancer starts routing requests to the targets as soon as the registration process completes and the target passes the initial health checks.

Registered targets

To deregister instances, select one or more registered instances and then click Remove.

Remove

<input type="checkbox"/>	Instance	Name	Port	State	Security groups	Zone
<input checked="" type="checkbox"/>	i-07be28b6efc462369	Server2	80	● running	secure2	us-east-2a

Instances

To register additional instances, select one or more running instances, specify a port, and then click Add. The default port is the port specified for the target group. If the instance is already registered on the specified port, you must specify a different port.

Add to registered

 on port

Q Search Instances

X

<input type="checkbox"/>	Instance	Name	State	Security groups	Zone	Subnet ID	Subnet CIDR
<input type="checkbox"/>	i-0ee5d831c8c8431ab	Server1	● running	secure1	us-east-2a	subnet-a4b403cf	172.31.0.0/20
<input checked="" type="checkbox"/>	i-07be28b6efc462369	Server2	● running	secure2	us-east-2a	subnet-a4b403cf	172.31.0.0/20


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Create Load Balancer Actions ▼


Filter by tags and attributes or search by keyword

<input type="checkbox"/>	Name ▲	DNS name ▼	State ▼	VPC ID ▼	Availability Zones ▼	Type ▼	Created At
<input checked="" type="checkbox"/>	MyElb	MyElb-177285868.us-east-2....	provisioning	vpc-9ede51f5	us-east-2b, us-east-2c, ...	application	March 18,

Load Balancer Creation Status

 **Successfully created load balancer**
Load balancer [MyElb2](#) was successfully created.
Note: It might take a few minutes for your load balancer to be fully set up and ready to route traffic, and for the targets to complete the registration process and pass the initial health checks.

Suggested next steps

- Discover other services that you can integrate with your load balancer. Visit the **Integrated services** tab within [MyElb2](#)
- Consider using AWS Global Accelerator to further improve the availability and performance of your applications. [AWS Global Accelerator console](#) 

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Actions

Filter by tags and attributes or search by keyword

	Name	DNS name	State	VPC ID	Availability Zones	Type	Created At
	MyElb	MyElb-177285868.us-east-2....	active	vpc-9ede51f5	us-east-2b, us-east-2c, ...	application	March 18,
	MyElb2	MyElb2-1524637502.us-east...	active	vpc-9ede51f5	us-east-2b, us-east-2c, ...	application	March 18,

Load balancers: MyElb, MyElb2

Description

Listeners

Monitoring

Integrated services

Tags

- MyElb : arn:aws:elasticloadbalancing:us-east-2:952017503110:loadbalancer/app/MyElb/c11a01d8187a157f : MyElb-177285868.us-east-2.elb.amazonaws.com
- MyElb2 : arn:aws:elasticloadbalancing:us-east-2:952017503110:loadbalancer/app/MyElb2/59fd6afafea1380f : MyElb2-1524637502.us-east-2.elb.amazonaws.com