

Task 2: secure our Jenkins application by redirecting traffic from 8080 to 443 through certificate manager

EC2 > Target groups

Target groups (1/1) Info

Find resources by attribute or tag

<input checked="" type="checkbox"/>	Name	ARN	Port	Protocol	Target type	Load balancer
<input checked="" type="checkbox"/>	Jenkins-TG	arn:aws:elasticloadbalancing:us-east-1:208009137289:targetgroup/Jenkins-TG/383870087394b50d	80	HTTP	Instance	Jenkins-ALB

Target group: Jenkins-TG

Details Targets Monitoring Health checks Attributes Tags

Details

arn:aws:elasticloadbalancing:us-east-1:208009137289:targetgroup/Jenkins-TG/383870087394b50d

Target type	Protocol : Port	Protocol version	VPC
Instance	HTTP: 80	HTTP1	vpc-00ac3e71ccf0b2250
IP address type	Load balancer		
IPv4	Jenkins-ALB		

EC2 > Load balancers

Load balancers (1/1)

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

Find resources by attribute or tag

<input checked="" type="checkbox"/>	Name	DNS name	State	VPC ID	Availability
<input checked="" type="checkbox"/>	Jenkins-ALB	Jenkins-ALB-28335002.us-east-1.elb.amazonaws.com	Active	vpc-00ac3e71ccf0b2250	2 Availability Zones

Load balancer: Jenkins-ALB

Scheme	Hosted zone	Availability zones	Date created
Internet-facing	Z35SXDOTRQ7X7K	subnet-062b3ce21e884f324 us-east-1f (use1-az5) subnet-027693e48bc731c39 us-east-1f (use1-az1)	July 8, 2023, 00:14 (UTC-04:00)
Load balancer ARN		Jenkins-ALB-28335002.us-east-1.elb.amazonaws.com (A Record)	
arn:aws:elasticloadbalancing:us-east-1:208009137289:loadbalancer/app/Jenkins-ALB/5a05720ba4401d03			

DNS name copied

# b3d25fb0-214c-40b0-942d-94628a5f8675


Delete

**Certificate status**


Identifier

b3d25fb0-214c-40b0-942d-94628a5f8675

Status

 Issued

ARN


 arn:aws:acm:us-east-1:208009137289:certificate/b3d25fb0-214c-40b0-942d-94628a5f8675

Type

Amazon Issued

**Domains (2)**

Create records in Route 53

Export to CSV 

< 1 >

Domain	Status	Renewal status	Type	CNAME name

Hosted zone details

Edit hosted zone

Records (5)

DNSSEC signing

Hosted zone tags (0)

Records (1/5) Info

Automatic mode is the current search behavior optimized for best filter results. [To change modes go to settings.](#)

↻

Delete record

Import zone file

Create record

🔍 Filter records by property or

Type ▼

Routing pol... ▼

Alias ▼

< 1 >

⚙

	Record name	Type	Routin...	Differ...
<input type="checkbox"/>	emireine.link	NS	Simple	-
<input type="checkbox"/>	emireine.link	SOA	Simple	-
<input type="checkbox"/>	_c45840f5d73de1f320a...	CNAME	Simple	-
<input checked="" type="checkbox"/>	jenkins.emireine.link	A	Simple	-
<input type="checkbox"/>	resume.emireine.link	A	Simple	-

Record details

⚙

✕

Edit record

Record name

jenkins.emireine.link

Record type

A

Value

dualstack.jenkins-alb-28335002.us-east-1.elb.amazonaws.com.

Alias

Yes

TTL (seconds)

-

Routing policy

Simple


## Our secure application

Dashboard [Jenkins]

Sign in [Jenkins]

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jenkins.emireine.link/login?from=%2F



Welcome to Jenkins!

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