

Load Balancer Tasks - 01

- Configure Classic Load balancer.

Details

Load balancer type
Classic

Status
2 of 2 instances in service

VPC
[vpc-06d0c00cc6b058902](#)

Scheme
Internet-facing

Hosted zone
Z355XDOTRQ7X7K

Availability Zones
[subnet-05d955e2cb4c70034](#) us-east-1a (use1-az1)
[subnet-071ce1adf8fb8fdf9](#) us-east-1b (use1-az2)

✔ DNS name copied

[Classic-test-1298460981.us-east-1.elb.amazonaws.com](#) (A Record)

Distribution of targets by Availability Zone (AZ)
For each enabled Availability Zone, you can view the number of registered instances and their current health states. Selecting any values here will apply the corresponding filter to the Target instances table.

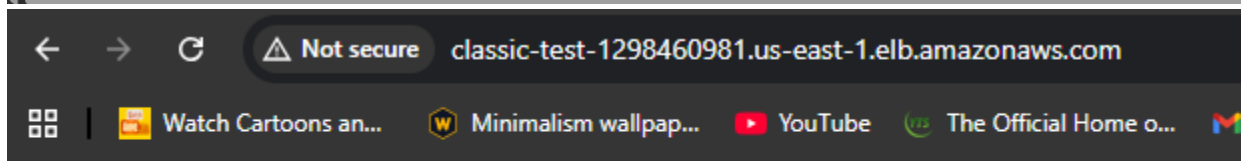
Listeners | **Network mapping** | **Security** | **Health checks** | **Target instances** | **Monitoring** | **Attributes** | **Tags**

Target instances (2) Connection draining: Off

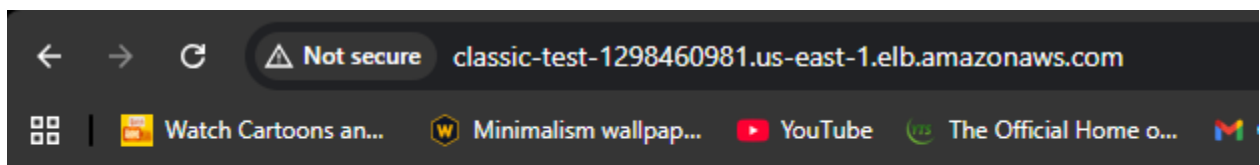
Instances currently registered to your load balancer are displayed. To deregister instances, select them, then choose Deregister. To register and deregister instances simultaneously, choose Man...

Filter target instances

<input type="checkbox"/>	Instance ID	Name	Health status	Health status description	Security groups
<input type="checkbox"/>	i-02efcc4af832d2080	Classic-test	✔ In-service	Not applicable	default
<input type="checkbox"/>	i-057644f8db3f6d773	Classic2-test	✔ In-service	Not applicable	default



By the order of the PEAKY BLINDERS!!!




Winter is Coming!!

Load Balancer Tasks - 01

- Configure Application Load balancer.

test-1

Details
 `arn:aws:elasticloadbalancing:us-east-1:526018540742:targetgroup/test-1/8cee86b1f3ee06b7`

Target type
Instance






Protocol : Port
HTTP: 80

Protocol version
HTTP1

VPC
[vpc-06d0c00cc6b058902](#)


IP address type
IPv4

Load balancer
[None associated](#)

1	 0 Healthy	 0 Unhealthy	 1 Unused	 0 Initial	 0 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.

Test-2

Details
 `arn:aws:elasticloadbalancing:us-east-1:526018540742:targetgroup/Test-2/bc09ef81625e6433`

Target type
Instance






Protocol : Port
HTTP: 80

Protocol version
HTTP1

VPC
[vpc-06d0c00cc6b058902](#)

IP address type
IPv4

Load balancer
[None associated](#)

1	 0 Healthy	 0 Unhealthy	 1 Unused	 0 Initial	 0 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.

Protocol
HTTP

Port
80
1-65535

Default action | [Info](#)
The default action is used if no other rules apply. Choose the default action for traffic on this listener.

Routing action
☒ Forward to target groups ☐ Redirect to URL ☐ Return fixed response

Forward to target group | [Info](#)
Choose a target group and specify routing weight or [create target group](#)

Target group		Weight	Percent	
test-1 Target type: Instance, IPv4 Target stickiness: Off	HTTP	1	50%	Remove
Test-2 Target type: Instance, IPv4 Target stickiness: Off	HTTP	1	50%	Remove

0-999

+ Add target group
You can add up to 3 more target groups.

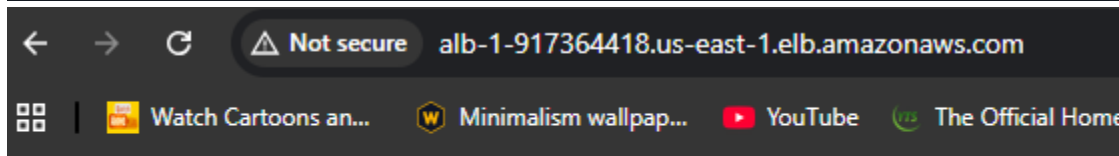
Target group stickiness | [Info](#)
Enables the load balancer to bind a user's session to a specific target group. To use stickiness the client must support cookies. If you want to bind a user's session to a specific target, turn on the Target Group attribute Stickiness.
☐ Turn on target group stickiness

Load Balancer Tasks - 01

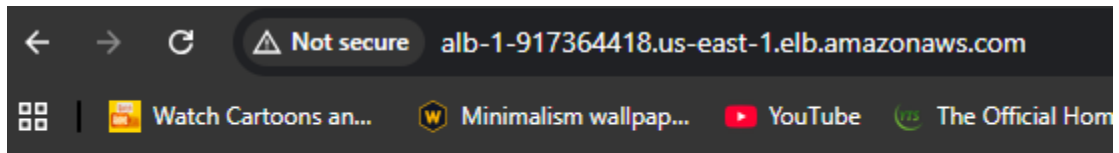
ALB-1

▼ Details

Load balancer type Application	Status ✔ Active	VPC vpc-06d0c00cc6b058902 ↗	Load balancer IPv4
Scheme Internet-facing	Hosted zone Z35SXDOTRQ7X7K	Availability Zones subnet-05d955e2cb4c70034 ↗ us-east-1a (use1-az1) subnet-071ce1adf8fb8fdf9 ↗ us-east-1b (use1-az2)	Date created January
Load balancer ARN arn:aws:elasticloadbalancing:us-east-1:526018540742:loadbalancer/app/ALB-1/ee1f6753e8ada8bf		DNS name Info ALB-1-917364418.us-east-1.elb.amazonaws.com (A Record)	



Winter is Coming!!



By the order of the PEAKY BLINDERS!!!

- Configure Network Load balancer.

Test-1

Details

arn:aws:elasticloadbalancing:us-east-1:526018540742:targetgroup/Test-1/07648d7ae553cc2c		VPC vpc-06d0c00cc6b058902 ↗
Target type Instance	Protocol : Port TCP: 80	
Load balancer None associated		

Total targets	Healthy	Unhealthy	Unused
1	✔ 0	✘ 0	⋮ 1

► Distribution of targets by Availability Zone (AZ)
Select values in this table to see corresponding filters applied to the Registered targets table below.

[Targets](#) | [Monitoring](#) | [Health checks](#) | [Attributes](#) | [Tags](#)

Load Balancer Tasks - 01

Test-2

Details

 `arn:aws:elasticloadbalancing:us-east-1:526018540742:targetgroup/Test-2/d5f2b8790b1f5b51`


Target type

Instance


Protocol : Port

TCP: 80

VPC

[vpc-06d0c00cc6b058902](#) 

Load balancer

 [None associated](#)

Total targets

1

Healthy

 0

Unhealthy

 0

Unused

 1

► Distribution of targets by Availability Zone (AZ)

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

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

▼ Listener TCP:80

Protocol


TCP

Port

80

1-65535

Forward to target group [Info](#)

Choose a target group and specify routing weight or [create target group](#) .

Target group

Test-1

Target type: Instance, IPv4 | Target stickiness: Off

TCP



Weight

1

Test-2

Target type: Instance, IPv4 | Target stickiness: Off

TCP



1

0-999

[Add target group](#)

You can add up to 3 more target groups.

Target group stickiness [Info](#)

Enables the load balancer to bind a user's session to a specific target group. If you want to bind a user's session to a specific target, turn on the Target Group attribute Stickiness.

Load Balancer Tasks - 01

NLB-01

▼ Details

Load balancer type
Network

Scheme
Internet-facing

Load balancer ARN
 `arn:aws:elasticloadbalancing:us-east-1:526018540742:loadbalancer/net/NLB-01/fd29c9c01647ec67`

Status
 Active

Hosted zone
Z26RNL4JYFTOTI

VPC
[vpc-06d0c00cc6b058902](#)

Availability Zones
[subnet-05d955e2cb4c70034](#) us-east-1a (use1-az1)
[subnet-071ce1adf8fb8fdf9](#) us-east-1b (use1-az2)

DNS name Info
 `NLB-01-fd29c9c01647ec67.elb.us-east-1.amazonaws.com`

Not secure

`nlb-01-fd29c9c01647ec67.elb.us-east-1.amazonaws.com`

Watch Cartoons an...

Minimalism wallpap...

YouTube

The Official Home o...

Gmail

Maps

By the order of the PEAKY BLINDERS!!!

- Attach SSL for application load balancer.

Secure listener settings [Info](#)

Security policy [Info](#)
Your load balancer uses a Secure Socket Layer (SSL) negotiation configuration called a security policy to manage SSL connections with clients. [Compare security policies](#)

Security category
All security policies

Policy name [New](#)
ELBSecurityPolicy-TLS13-1-2-Res-PQ-2025-09 (Recommended)

Default SSL/TLS server certificate
The certificate used if a client connects without SNI protocol, or if there are no matching certificates. You can source this certificate from AWS Certificate Manager (ACM), Amazon Identity and Access Management (IAM), or import a certificate. This certificate is used for all listeners.
Certificate source
☒ From ACM ☐ From IAM ☐ Import certificate
Certificate (from ACM)
The selected certificate will be applied as the default SSL/TLS server certificate for this load balancer's secure listeners.

azurewolf.shop
7904863b-4a32-48c4-a73b-14844244b3a2

[Request new ACM certificate](#)

Client certificate handling [Info](#)
☐ **Mutual authentication (mTLS)**
Mutual TLS (Transport Layer Security) authentication offers two-way peer authentication. It adds a layer of security over TLS and allows your services to verify the client that's making the connection. [Learn more](#)

Listeners and rules

Network mapping

Resource map

Security

Monitoring

Integrations

Attributes

Capacity

Tags

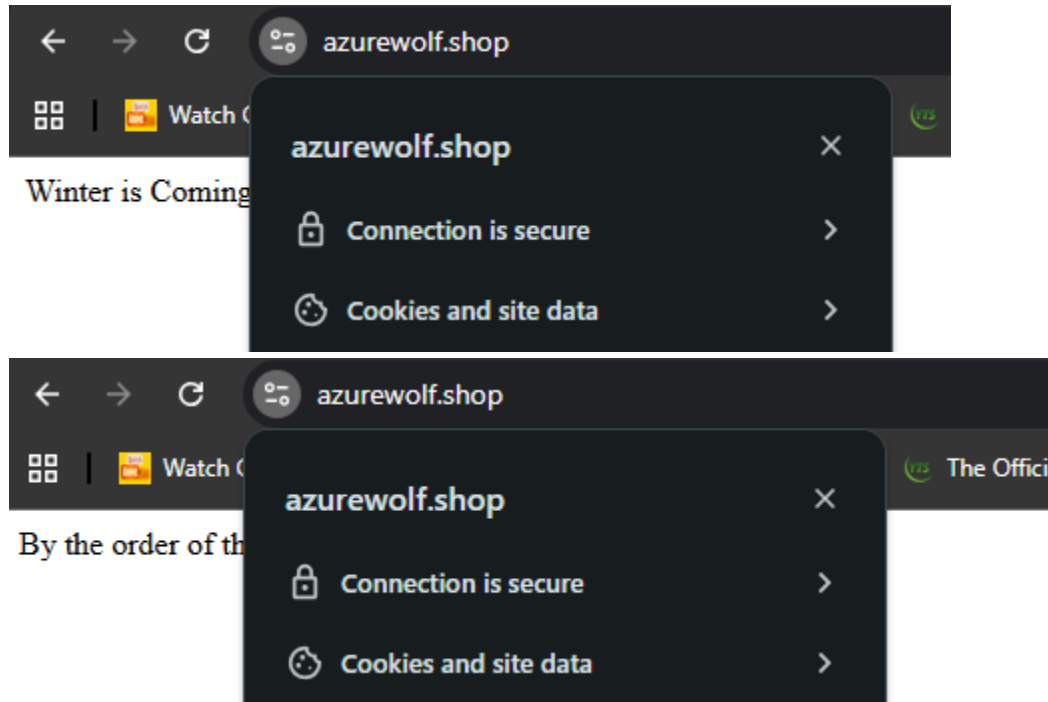
Listeners and rules (2) [Info](#)

[Manage rules](#) [Ma](#)

A listener checks for connection requests on its configured protocol and port. Traffic received by the listener is routed according to the default action and any additional rules.

<input type="checkbox"/>	Protocol:Port	Default action	Rules	ARN	Security policy	Default SSL/TLS certificate
<input type="checkbox"/>	HTTP:80	<div>• Forward to target group test-1 : 1 (50%) Test-2 : 1 (50%) Target group stickiness: Off</div>	1 rule	ARN	Not applicable	Not applicable
<input type="checkbox"/>	HTTPS:443	<div>• Forward to target group test-1 : 1 (50%) Test-2 : 1 (50%) Target group stickiness: Off</div>	1 rule	ARN	ELBSecurityPolicy-TLS13-1-2-...	azurewolf.shop (Certificate ID: ...)

Load Balancer Tasks - 01



Load Balancer Tasks - 01

- Map Application load balancer to R53.

Records (4) Info

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

Filter records by property or value

Type ▼Routing p... ▼Alias ▼< 1 > ⚙

Record name

▼

Type

▼

Routin...

▼

Differ...

▼

Alias

▼

Value/Route traffic to

▼

TTL (s...

▼

azurewolf.shop

A

Simple

-

Yes

dualstack.alb-1-917364418...

-

azurewolf.shop

NS

Simple

-

No

ns-224.awsdns-28.com.
ns-1929.awsdns-49.co.uk.

172800

Record details

⚙

>

Edit record

Record name

🔗

azurewolf.shop

Record type

A

Value

🔗

dualstack.alb-01-701269619.us-east-1.elb.amazonaws.com.

Alias

Yes

TTL (seconds)

-

Routing policy


Simple

Load Balancer Tasks - 01


- Push the application load balancer logs to S3.

alb-logs-ags01 Info


Objects | Metadata | Properties | Permissions | Metrics | M

Objects (1) 


Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#)

<input type="checkbox"/>	Name	▲	Type
<input type="checkbox"/>	 AWSLogs/		Folder

Monitoring

Access logs
S3 location: [alb-logs-ags01](#) 

Connection logs
Off

<input type="checkbox"/>	01.5b659762d9f61647_20260127T0625Z_98.86.29.61_2rjzqxr.log.gz			
<input type="checkbox"/>	 526018540742_elasticloadbalancing_us-east-1_app.ALB-01.560df88fa097d478_20260127T1100Z_50.17.86.241_4q6enl2o.log.gz	gz	January 27, 2026, 16:30:04 (UTC+05:30)	917.0 B Standard