

2 Instance

aws

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Naman

EC2 Dashboard

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Instances

Instances

Instance Types

Launch Templates

Instances (2) Info

Last updated 1 minute ago

Connect

Instance state

Actions

Launch instances

Find Instance by attribute or tag (case-sensitive)

Running

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Avai
<input type="checkbox"/>	22BPS1101-SERVER2	i-0ab65fc096256d5ba	Running	t2.micro	2/2 checks passec	View alarms +	us-e
<input type="checkbox"/>	22BPS1101-server1	i-04dcfee0b71e945f4	Running	t2.micro	2/2 checks passec	View alarms +	us-e

Load balancer

EC2 > Load balancers

Load balancers (1/1)

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

Filter load balancers

	Name	DNS name	State	VPC ID	Availability Zones	Ty
<input checked="" type="checkbox"/>	22bps1101server	22bps1101server-588780...	Active	vpc-0f7c95415c5d55bf8	2 Availability Zones	ap

Load balancer: 22bps1101server

Details

Listeners and rules

Network mapping

Resource map - new

Security

Monitoring

Integrations

Attributes

Load balancer type

Application

Status

Active

VPC

vpc-0f7c95415c5d55bf8

Load balancer IP address type

IPv4

Scheme

Internet-facing

Hosted zone

Z35SXDOTRQ7X7K

Availability Zones

subnet-054ecacd65bc625cc us-east-1c (use1-az4)

subnet-00660e69604052e7e us-east-1a (use1-az1)

Date created

September 7, 2024, 14:12 (UTC+05:30)

Target Group

EC2 > Target groups > balancemyinstance

balancemyinstance

Actions

Details

arn:aws:elasticloadbalancing:us-east-1:009160066859:targetgroup/balancemyinstance/cd5305bdb1248871

Target type
Instance

IP address type
IPv4

Protocol : Port
HTTP: 80

Load balancer
22bps1101server

Protocol version
HTTP1

VPC
vpc-0f7c95415c5d55bf8

2
Total targets

2
Healthy
0 Anomalous

0
Unhealthy

0
Unused

0
Initial

0
Draining

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

Registered targets (2)

Anomaly mitigation: Not applicable

Deregister

Register targets

Filter targets

	Instance ID	Name	Port	Zone	Health status	Health status details	Launch...	Anomaly detection result
	i-0ab65fc096256d5ba	22BPS1101-SE...	80	us-east-1c	Healthy	-	Septembe...	Normal
	i-04dcfee0b71e945f4	22BPS1101-se...	80	us-east-1c	Healthy	-	Septembe...	Normal

Inst 1

< > ↺

Not secure ec2-50-17-141-113.compute-1.amazonaws.com

DSA | WhatsApp | YouTube | V-Top | Teams | ChatGPT | Vit-Mail | Gmail | Spam mail | LinkedIn | Github

Hello World from 22BPS1101 and ip-172-31-21-2.ec2.internal

Inst 2

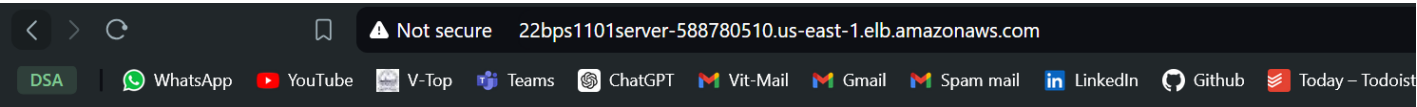
< > ↺

Not secure ec2-52-90-165-106.compute-1.amazonaws.com

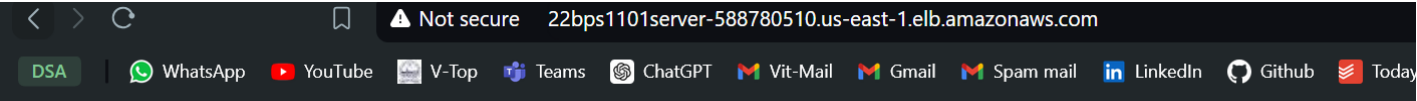
DSA | WhatsApp | YouTube | V-Top | Teams | ChatGPT | Vit-Mail | Gmail | Spam mail | LinkedIn | Github

Hello World from 22BPS1101 and ip-172-31-29-10.ec2.internal

With load balancer (Shows both alternatively on refreshing)



Hello World from 22BPS1101 and ip-172-31-29-10.ec2.internal



Hello World from 22BPS1101 and ip-172-31-21-2.ec2.internal

Initialize the printed words with apache server (Similar for both server)

```
[ec2-user@ip-172-31-29-10 ~]$ sudo systemctl start httpd
[ec2-user@ip-172-31-29-10 ~]$ sudo systemcti enable httpd
sudo: systemcti: command not found
[ec2-user@ip-172-31-29-10 ~]$ sudo systemctl enable httpd
Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service → /usr/lib/systemd/system/httpd.service.
[ec2-user@ip-172-31-29-10 ~]$ echo *<h1 >Hello World from $(hostname -f)</h1>*> /var/www/html/index.html
-bash: h1: No such file or directory
[ec2-user@ip-172-31-29-10 ~]$ echo *<h1 >Hello World from $(hostname -f)</h1>*>
-bash: syntax error near unexpected token `newline'
[ec2-user@ip-172-31-29-10 ~]$ echo *<h1 >Hello World from $(hostname -f)</h1>*>
-bash: h1: No such file or directory
[ec2-user@ip-172-31-29-10 ~]$ echo "Hello world"
Hello world
[ec2-user@ip-172-31-29-10 ~]$ echo *<h1 >Hello World from $(hostname -f)</h1>*> /var/www/html/index.html
-bash: h1: No such file or directory
[ec2-user@ip-172-31-29-10 ~]$ echo "<h1>Hello World from $(hostname -f)</h1>" | sudo tee /var/www/html/index.html
<h1>Hello World from ip-172-31-29-10.ec2.internal</h1>
[ec2-user@ip-172-31-29-10 ~]$ ^C
[ec2-user@ip-172-31-29-10 ~]$ echo "<h1>Hello World from 22BPS1101 and$(hostname -f)</h1>" | sudo tee /var/www/html/index.html
<h1>Hello World from 22BPS1101 andip-172-31-29-10.ec2.internal</h1>
[ec2-user@ip-172-31-29-10 ~]$ echo "<h1>Hello World from 22BPS1101 and $(hostname -f)</h1>" | sudo tee /var/www/html/index.html
<h1>Hello World from 22BPS1101 and ip-172-31-29-10.ec2.internal</h1>
```

Create the 2 instance
Initialize apache server with –

```
sudo yum install httpd
sudo systemctl start httpd
sudo systemctl enable httpd
sudo systemcti enable httpd
echo "<h1>Hello World from $(hostname -f)</h1>" | sudo tee /var/www/html/index.html
```

Make load balancer and add both of those two instance in that within same region
Run the dns link and u see the load getting alternatively to both instance

AUTO SCALING

Instances (3) Info			Last updated less than a minute ago		Connect	Instance state ▾	Actions ▾	Launch instances ▾
<input type="text" value="Find Instance by attribute or tag (case-sensitive)"/>					Running ▾	<div>< 1 > </div>		
<input type="checkbox"/>	Name	Instance ID	Instance state ▾	Instance type ▾	Status check	Alarm status	Availability Zone ▾	
<input type="checkbox"/>	22BPS1101-SERVER2	i-0ab65fc096256d5ba	Running	t2.micro	2/2 checks passec	View alarms +	us-east-1c	
<input type="checkbox"/>	22BPS1101-server1	i-04dcfee0b71e945f4	Running	t2.micro	2/2 checks passec	View alarms +	us-east-1c	
<input type="checkbox"/>		i-0911cbdcdcee3bdc4	Running	t2.micro	Initializing	View alarms +	us-east-1c	

22bps1101autoscale

- Details
- Activity
- Automatic scaling
- Instance management
- Monitoring
- Instance refresh

Activity notifications (0)

Filter notifications

< 1 > ⚙

Send to

On instance action

No notifications are currently specified

Create notification

Activity history (1)

Filter activity history

< 1 > ⚙

Status	Description	Cause	Start time
Successful	Launching a new EC2 instance: i-0911cbdcdee3bdc4	At 2024-09-07T09:04:49Z a user request created an AutoScalingGroup changing the desired capacity from 0 to 1. At 2024-09-07T09:04:52Z an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 0 to 1.	2024 September 07, 02:34:54 PM +05:30