

Console Home | us-east-2 X | Connect to instance | EC2 | us-ea X | Your VPCs | VPC Management Co X | Certificate Manager | us-east-2 X | +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#vpcs:

WhatsApp Instagram facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

aws Services Search [Alt+S]

VPC dashboard X

EC2 Global View New

Filter by VPC:  
Select a VPC

Virtual private cloud

Your VPCs New

Subnets

Route tables

Internet gateways

Egress-only internet gateways

DHCP option sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

NAT gateways

Peering connections

Your VPCs (1/2) Info

Find resources by attribute or tag

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
VPC-1	vpc-0834345b8265b770e	Available	10.0.0.0/16	-

vpc-0834345b8265b770e / VPC-1

Details Resource map New CIDRs Flow logs Tags

Details

VPC ID vpc-0834345b8265b770e	State Available	DNS hostnames Enabled	DNS resolution Enabled
Tenancy Default	DHCP option set dopt-00fae7379d0a06208	Main route table rtb-01a022e9ed5493231	Main network ACL acl-0283b6187169ba2c4
Default VPC No	IPv4 CIDR 10.0.0.0/16	IPv6 pool -	IPv6 CIDR -

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search

GBP/INR -0.52% 10:35 PM 22-09-2023 ENG

Console Home | us-east-2 X | Connect to instance | EC2 | us-ea X | VPC Management Console X | Certificate Manager | us-east-2 X | +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#subnets:v=3;search=:vpc-0834345b8265b770e

WhatsApp Instagram facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

aws Services Search [Alt+S]

VPC dashboard X

EC2 Global View New

Filter by VPC: Select a VPC

Virtual private cloud Your VPCs New

Subnets

Route tables

Internet gateways

Egress-only internet gateways

DHCP option sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

NAT gateways

Peering connections

Subnets (1/2) Info

Find resources by attribute or tag

vpc-0834345b8265b770e X Clear filters

Name	Subnet ID	State	VPC	IPv4 CIDR
SUBNET-2	subnet-0a62b2d59c9cdd562	Available	vpc-0834345b8265b770e   VPC-1	10.0.2.0/24
<input checked="" type="checkbox"/> SUBNET-1	subnet-028072417f06d02c3	Available	vpc-0834345b8265b770e   VPC-1	10.0.1.0/24

subnet-028072417f06d02c3 / SUBNET-1

Details Flow logs Route table Network ACL CIDR reservations Sharing Tags

Details

Subnet ID	Subnet ARN	State	IPv4 CIDR
subnet-028072417f06d02c3	arn:aws:ec2:us-east-2:841429465794:subnet/subnet-028072417f06d02c3	Available	10.0.1.0/24
Available IPv4 addresses		Availability Zone	Availability Zone ID

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search

GBP/INR -0.52% 10:36 PM 22-09-2023 ENG

Console Home | us-east-2 X | Connect to instance | EC2 | us-ea X | Route tables | VPC Management X | Certificate Manager | us-east-2 X | +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#RouteTables:

WhatsApp Instagram facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

aws Services Search [Alt+S]

VPC dashboard X

EC2 Global View New

Filter by VPC:  
Select a VPC

Virtual private cloud

Your VPCs New

Subnets

Route tables

Internet gateways

Egress-only internet gateways

DHCP option sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

NAT gateways

Peering connections

Route tables (1/3) Info

Find resources by attribute or tag

Name Route table ID Explicit subnet associations Edge associations Main VPC

RT-1 rtb-0aa9e98b9970225f6 2 subnets - No vpc-0

rtb-0aa9e98b9970225f6 / RT-1

Details Routes Subnet associations Edge associations Route propagation Tags

Details

Route table ID <input type="button" value="rtb-0aa9e98b9970225f6"/>	Main <input type="checkbox"/> No	Explicit subnet associations 2 subnets	Edge associations -
VPC <a href="#">vpc-0834345b8265b770e   VPC-1</a>	Owner ID <input type="button" value="841429465794"/>		

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search 

10:36 PM 22-09-2023 28°C Haze ENG

Console Home | us-east-2 X | Connect to instance | EC2 | us-east-2 X | Internet gateways | VPC Manager X | Certificate Manager | us-east-2 X | +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#igws:

WhatsApp Instagram Facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

aws Services Search [Alt+S]

VPC dashboard X

EC2 Global View New

Filter by VPC: Select a VPC ▾

Virtual private cloud

Your VPCs New

Subnets

Route tables

Internet gateways

Egress-only internet gateways

DHCP option sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

NAT gateways

Peering connections

Internet gateways (1/1) Info

Filter internet gateways

C Actions Create internet gateway

Name	Internet gateway ID	State	VPC ID	Owner
IGW-1	igw-0c109f87dd92cd122	Attached	vpc-0834345b8265b770e   VPC-1	841429465794

igw-0c109f87dd92cd122 / IGW-1

Details Tags

Details

Internet gateway ID	State	VPC ID	Owner
igw-0c109f87dd92cd122	Attached	vpc-0834345b8265b770e   VPC-1	841429465794

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search

28°C Haze ENG 10:36 PM 22-09-2023

Console Home | us-east-2 X | Connect to instance | EC2 | us-east-2 X | Route tables | VPC Management X | Certificate Manager | us-east-2 X | +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#RouteTables:

WhatsApp Instagram facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

aws Services Search [Alt+S]

VPC dashboard X

EC2 Global View New

Filter by VPC:  
Select a VPC

Virtual private cloud

Your VPCs New

Subnets

Route tables

Internet gateways

Egress-only internet gateways

DHCP option sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

NAT gateways

Peering connections

Route tables (1/3) Info

Find resources by attribute or tag

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
RT-1	rtb-0aa9e98b9970225f6	2 subnets	-	No	vpc-0

Actions Create route table

< 1 >

Details Routes Subnet associations Edge associations Route propagation Tags

Routes (2) Edit routes

Filter routes Both < 1 >

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0c109f87dd92cd122	Active	No
10.0.0.0/16	local	Active	No

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search 28°C Haze 10:36 PM 22-09-2023 ENG

Console Home | us-east-2 Instances | EC2 | us-east-2 Route tables | VPC Management Certificate Manager | us-east-2

us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#Instances:instanceState=running;v=3;\$case=tags:true%5C,client:fals...

WhatsApp Instagram facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

aws Services Search [Alt+S]

New EC2 Experience Tell us what you think

EC2 Dashboard EC2 Global View Events Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations Images AMIs AMI Catalog

Instances (1/2) Info Find instance by attribute or tag (case-sensitive)

Instance state = running Clear filters

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
WEB-SERVER-1	i-06598ff8453c41457	Running	t2.micro	2/2 checks passed	No alarms	us-east-2a
WEB-SERVER-2	i-0a8a1c6ac218d739e	Running	t2.micro	2/2 checks passed	No alarms	us-east-2b

Instance: i-06598ff8453c41457 (WEB-SERVER-1)

Details Security Networking Storage Status checks Monitoring Tags

Instance summary

Instance ID	Public IPv4 address	Private IPv4 addresses
i-06598ff8453c41457 (WEB-SERVER-1)	3.138.175.11  open address	10.0.1.152
IPv6 address	Instance state	Public IPv4 DNS
-	Running	ec2-3-138-175-11.us-east-2.compute.amazonaws.com  open address
Hostname type	Private IP DNS name (IPv4 only)	

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

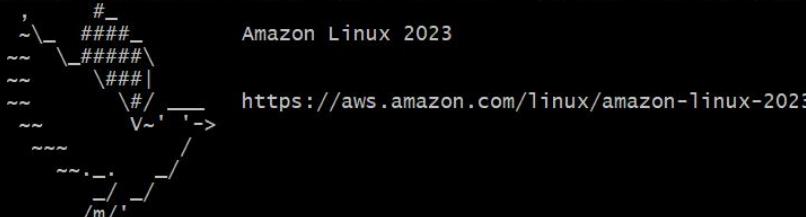
Type here to search

28°C Haze ENG 10:37 PM 22-09-2023

root@ip-10-0-1-152:~

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads
$ chmod 400 WEB-SERVER-2.pem

ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads
$ ssh -i "WEB-SERVER-2.pem" ec2-user@ec2-3-138-175-11.us-east-2.compute.amazonaws.com
The authenticity of host 'ec2-3-138-175-11.us-east-2.compute.amazonaws.com (64:ff9b::38a:af0b)' can't be established.
ED25519 key fingerprint is SHA256:37RdPdp4p4PbnLT3J/8WvbQBPO/aAw634hjkgsd1XC4.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-3-138-175-11.us-east-2.compute.amazonaws.com' (ED25519) to the list of known hosts.
```



Last login: Fri Sep 22 17:05:06 2023 from 3.16.146.3

[ec2-user@ip-10-0-1-152 ~]\$ sudo su

[root@ip-10-0-1-152 ec2-user]# cd

[root@ip-10-0-1-152 ~]# yum install httpd -y

Last metadata expiration check: 0:06:21 ago on Fri Sep 22 17:01:51 2023.

Dependencies resolved.

Package	Architecture	Version	Repository	Size
Installing:				
httpd	x86_64	2.4.56-1.amzn2023	amazonlinux	48 k
Installing dependencies:				
apr	x86_64	1.7.2-2.amzn2023.0.2	amazonlinux	129 k
apr-util	x86_64	1.6.3-1.amzn2023.0.1	amazonlinux	98 k
generic-logos-httdp	noarch	18.0.0-12.amzn2023.0.3	amazonlinux	19 k
httpd-core	x86_64	2.4.56-1.amzn2023	amazonlinux	1.4 M
httpd-filesystem	noarch	2.4.56-1.amzn2023	amazonlinux	15 k
httpd-tools	x86_64	2.4.56-1.amzn2023	amazonlinux	82 k
libbrotli	x86_64	1.0.9-4.amzn2023.0.2	amazonlinux	315 k
mailcap	noarch	2.1.49-3.amzn2023.0.3	amazonlinux	33 k
Installing weak dependencies:				
apr-util-openssl	x86_64	1.6.3-1.amzn2023.0.1	amazonlinux	17 k
mod_http2	x86_64	2.0.11-2.amzn2023	amazonlinux	150 k
mod_lua	x86_64	2.4.56-1.amzn2023	amazonlinux	62 k

Transaction Summary

Install 12 Packages



Type here to search



AUD/INR +0.34%



10:38 PM  
22-09-2023

root@ip-10-0-1-152:/var/www/html

```
Installing      : httpd-2.4.56-1.amzn2023.x86_64
Running scriptlet: httpd-2.4.56-1.amzn2023.x86_64
Verifying       : mod_lua-2.4.56-1.amzn2023.x86_64
Verifying       : httpd-core-2.4.56-1.amzn2023.x86_64
Verifying       : httpd-2.4.56-1.amzn2023.x86_64
Verifying       : apr-util-1.6.3-1.amzn2023.0.1.x86_64
Verifying       : mod_http2-2.0.11-2.amzn2023.x86_64
Verifying       : apr-1.7.2-2.amzn2023.0.2.x86_64
Verifying       : apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64
Verifying       : httpd-tools-2.4.56-1.amzn2023.x86_64
Verifying       : libbrotli-1.0.9-4.amzn2023.0.2.x86_64
Verifying       : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch
Verifying       : httpd-filesystem-2.4.56-1.amzn2023.noarch
Verifying       : mailcap-2.1.49-3.amzn2023.0.3.noarch
```

Installed:

```
apr-1.7.2-2.amzn2023.0.2.x86_64      apr-util-1.6.3-1.amzn2023.0.1.x86_64  apr-util-openssl-1.6.3-1.amzn2023.
httpd-2.4.56-1.amzn2023.x86_64      httpd-core-2.4.56-1.amzn2023.x86_64   httpd-filesystem-2.4.56-1.amzn2023
libbrotli-1.0.9-4.amzn2023.0.2.x86_64 mailcap-2.1.49-3.amzn2023.0.3.noarch mod_http2-2.0.11-2.amzn2023.x86_64
```

Complete!

```
[root@ip-10-0-1-152 ~]# cd /var/www/html
[root@ip-10-0-1-152 html]# echo "Hello from WEB-SERVER-1">>index.html
[root@ip-10-0-1-152 html]# systemctl start httpd
[root@ip-10-0-1-152 html]# systemctl enable httpd
Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service → /usr/lib/systemd/system/httpd.service.
[root@ip-10-0-1-152 html]# ls
index.html
[root@ip-10-0-1-152 html]# cat index.html
Hello from WEB-SERVER-1
[root@ip-10-0-1-152 html]# |
```



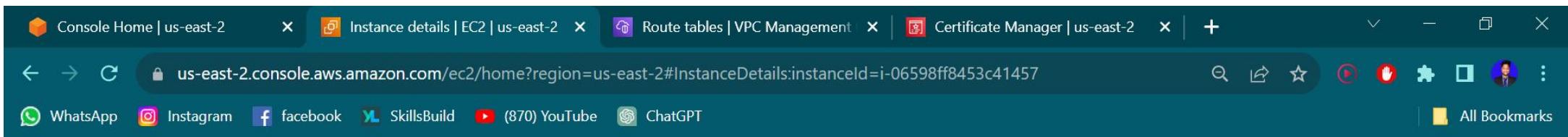
Type here to search



28°C Haze



10:39 PM  
22-09-2023



## i-06598ff8453c41457 (WEB-SERVER-1) [Info](#)

[C](#)[Connect](#)

'EB-SERVER-1)

Public IPv4 address

[3.138.175.11](#) [open address](#)

✓ Public IPv4 address copied

Private IPv4 ac

[10.0.1.152](#)

Public IPv4 DN

[ec2-3-138-2.compute.am](#)

st-2.compute.internal

Private IP DNS name (IPv4 only)

[ip-10-0-1-152.us-east-2.compute.internal](#)



Type here to search

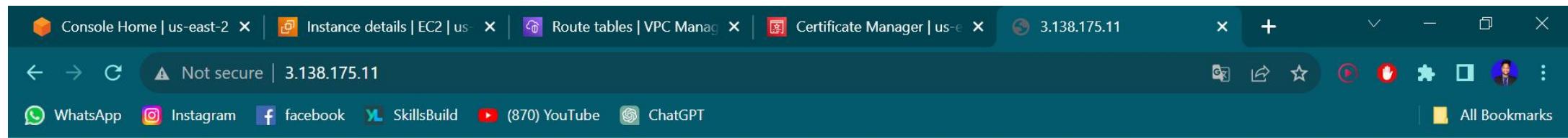


28°C Haze



10:42 PM  
22-09-2023





# Hello from WEB-SERVER-1



root@ip-10-0-2-109:/var/www/html

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads
$ chmod 400 WEB-SERVER-2.pem
```

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads
$ ssh -i "WEB-SERVER-2.pem" ec2-user@ec2-3-138-175-11.us-east-2.compute.amazonaws.com
The authenticity of host 'ec2-3-138-175-11.us-east-2.compute.amazonaws.com (64:ff9b::38a:af0b)' can
ED25519 key fingerprint is SHA256:37RdPDp4p4PbnLT3J/8WvbQBPO/aAw634hjkgfd1xC4.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-3-138-175-11.us-east-2.compute.amazonaws.com' (ED25519) to the list
,
#_
~\_\####_ Amazon Linux 2023
~~ \####\_
~~ \###|
~~ \#/ __ https://aws.amazon.com/linux/amazon-linux-2023
~~ V~' '-'>
~~~ / \
~~ ._. / \
~/m/'
```

Last login: Fri Sep 22 17:05:06 2023 from 3.16.146.3

[ec2-user@ip-10-0-1-152 ~]\$ sudo su

[root@ip-10-0-1-152 ec2-user]# cd

[root@ip-10-0-1-152 ~]# yum install httpd -y

Last metadata expiration check: 0:06:21 ago on Fri Sep 22 17:01:51 2023.

Dependencies resolved.



Type here to search



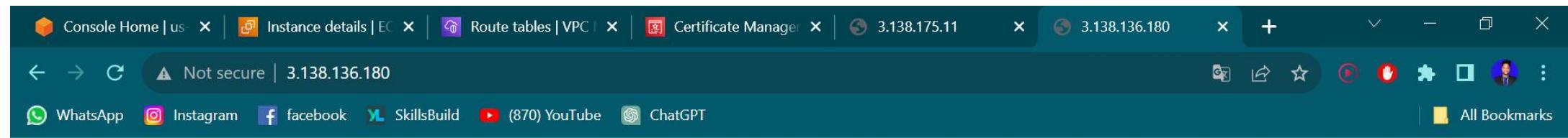
28°C Haze



10:43 PM

22-09-2023

```
root@ip-10-0-2-109:/var/www/html Verifying : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch  
Verifying : httpd-filesystem-2.4.56-1.amzn2023.noarch  
Verifying : mailcap-2.1.49-3.amzn2023.0.3.noarch  
  
Installed:  
apr-1.7.2-2.amzn2023.0.2.x86_64  
apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64  
httpd-2.4.56-1.amzn2023.x86_64  
httpd-filesystem-2.4.56-1.amzn2023.noarch  
libbrotli-1.0.9-4.amzn2023.0.2.x86_64  
mod_http2-2.0.11-2.amzn2023.x86_64  
apr-util-1.6.3-1.amzn2023.0.  
generic-logos-httpd-18.0.0-1  
httpd-core-2.4.56-1.amzn2023  
httpd-tools-2.4.56-1.amzn2023  
mailcap-2.1.49-3.amzn2023.0.  
mod_lua-2.4.56-1.amzn2023.x8  
  
Complete!  
[root@ip-10-0-2-109 ~]# cd /var/www/html  
[root@ip-10-0-2-109 html]# echo "Hello from WEB-SERVER-2">>index.html  
[root@ip-10-0-2-109 html]# systemctl start httpd  
[root@ip-10-0-2-109 html]# systemctl enable httpd  
Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service → /usr/l  
ce.  
[root@ip-10-0-2-109 html]# ls  
index.html  
[root@ip-10-0-2-109 html]# cat index.html  
Hello from WEB-SERVER-2  
[root@ip-10-0-2-109 html]# |  
  
Type here to search  28°C Haze ENG 10:43 PM 22-09-2023
```



# Hello from WEB-SERVER-2



Console Home | Load balancer | Route 53 details | Route table | Certificate | 3.138.175.1 | 3.138.136.1 | DNS / Name | + | ...

us-east-1.console.aws.amazon.com/route53/v2/home?region=us-east-2#Dashboard

WhatsApp Instagram Facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

aws Services Search [Alt+S] Global Subham Pradhan

## Route 53 Dashboard

**Route 53** > Dashboard

### DNS management

A hosted zone tells Route 53 how to respond to DNS queries for a domain such as example.com.

[Create hosted zone](#)

### Traffic management

A visual tool that lets you easily create policies for multiple endpoints in complex configurations.

[Create policy](#)

### Availability monitoring

Health checks monitor your applications and web resources, and direct DNS queries to healthy resources.

[Create health check](#)

### Domain registration

A domain is the name, such as example.com, that your users use to access your application.

[Register domain](#)

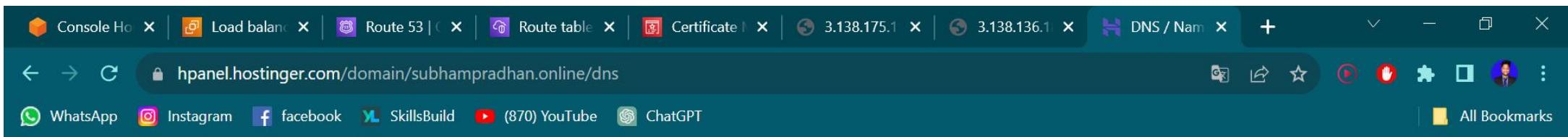
### Register domain

https://us-east-1.console.aws.amazon.com/route53/v2/hostedzones?region=us-east-2#CreateHostedZone

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search       

1 27°C Haze ⌂ ENG 10:46 PM 22-09-2023



HOSTINGER

subhampradhan.online

Back to domains

subhampradhan.online

Domain Overview

DNS / Nameservers

Domain Ownership

Give feedback

Type here to search

INR/USD +0.21%

10:46 PM  
22-09-2023

The screenshot shows the Hostinger Pro Panel interface for managing the domain subhampradhan.online. The left sidebar has a purple background for the 'DNS / Nameservers' section, which is currently active. Other options in the sidebar include 'Domain Overview', 'Domain Ownership', and 'Give feedback'. The main content area is titled 'Nameservers' and lists four AWS-managed nameservers: ns-1247.awsdns-27.org, ns-1548.awsdns-01.co.uk, ns-209.awsdns-26.com, and ns-647.awsdns-16.net. A purple button at the bottom of this section says 'Change Nameservers'. At the very bottom of the screen, there's a taskbar with icons for File Explorer, Camera, File Manager, and Google Chrome, along with a search bar and system status indicators.

Screenshot of the AWS Route 53 console showing the 'Create hosted zone' wizard.

The browser tab bar shows multiple open tabs related to AWS services: Console Home, Load balancer, Route 53, Route table, Certificate, 3.138.175.1, 3.138.136.1, DNS / Name, and others.

The address bar displays the URL: us-east-1.console.aws.amazon.com/route53/v2/hostedzones?region=us-east-2#CreateHostedZone

The AWS navigation bar includes links for WhatsApp, Instagram, Facebook, SkillsBuild, YouTube, ChatGPT, and All Bookmarks.

The main content area shows the 'Create hosted zone' page under 'Route 53 > Hosted zones > Create hosted zone'.

## Create hosted zone Info

### Hosted zone configuration

A hosted zone is a container that holds information about how you want to route traffic for a domain, such as example.com, and its subdomains.

**Domain name Info**  
This is the name of the domain that you want to route traffic for.  
 Valid characters: a-z, 0-9, ! " # \$ % & ' ( ) \* + , - / : ; < = > ? @ [ \ ] ^ \_ ` { | } . ~

**Description - optional Info**  
This value lets you distinguish hosted zones that have the same name.  
  
The description can have up to 256 characters. 20/256

**CloudShell** **Feedback** © 2023, Amazon Web Services India Private Limited or its affiliates. **Privacy** **Terms** **Cookie preferences**

**Type here to search**          INR/USD +0.21%     ENG 10:46 PM 22-09-2023

Console Home | Load balancer | subhampr... | Route table | Certificate | 3.138.175.1 | 3.138.136.1 | DNS / Name | + | [us-east-1.console.aws.amazon.com/route53/v2/hostedzones?region=us-east-2#ListRecordSets/Z06308711EZR2S923673R](#)

WhatsApp | Instagram | Facebook | SkillsBuild | (870) YouTube | ChatGPT | All Bookmarks

aws Services Search [Alt+S]

Records (1/2) [Info](#)

The following table lists the existing records in subhampradhan.online. You can't delete the SOA record or the NS record named subhampradhan.online.

[Delete record](#) [Import zone file](#) [Create record](#)

Filter records by property or value [Type](#) [Routing policy](#) [Alias](#)

Record ...	Type	Routin...	Differ...	Alias	Value/Route
<input checked="" type="checkbox"/> subhampr...	NS	Simple	-	No	ns-1131.awsdns-13.org. ns-946.awsdns-54.net. ns-102.awsdns-12.com. ns-1624.awsdns-11.co.uk.
<input type="checkbox"/> subhampr...	SOA	Simple	-	No	ns-1131.awsdns-13.org.

Record details

[Edit record](#)

Record name: subhampradhan.online

Record type: NS

Copied

ns-1131.awsdns-13.org.  
ns-946.awsdns-54.net.  
ns-102.awsdns-12.com.  
ns-1624.awsdns-11.co.uk.

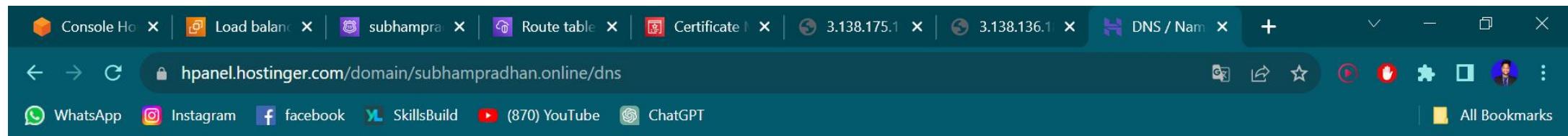
Alias: No

TTL (seconds): 172800

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search 

 INR/USD +0.21% 10:47 PM 22-09-2023 ENG



Pro Panel



Back to domains

subhampradhan.online

Domain Overview

DNS / Nameservers

Domain Ownership

Give feedback

### Select Nameservers

- Use Hostinger nameservers (recommended)
- Change nameservers

ns-1131.awsdns-13.org

ns-946.awsdns-54.net

ns-102.awsdns-12.com

ns-1624.awsdns-11.co.uk

Save

Cancel

### Manage DNS records

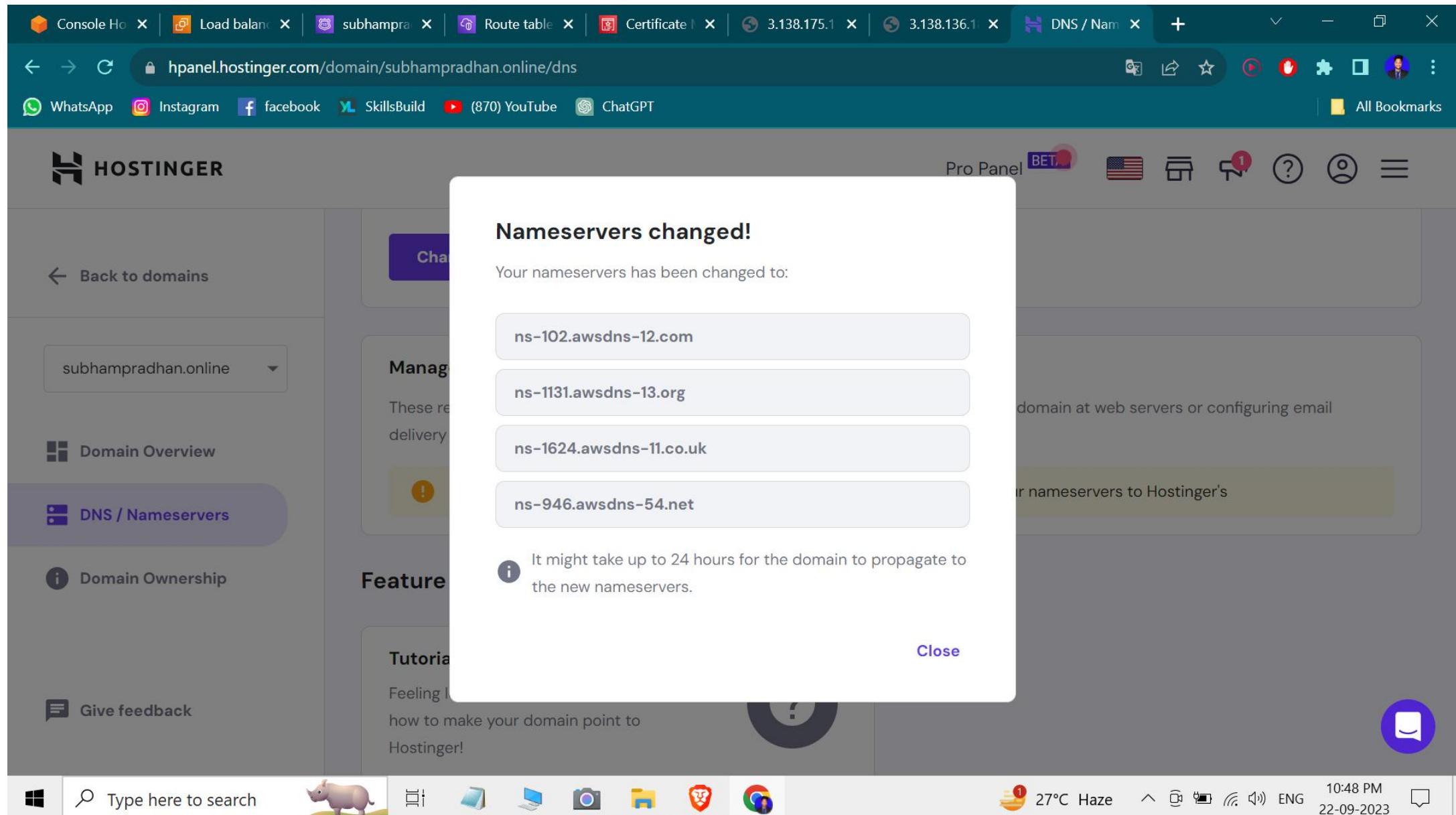


27°C Haze  
10:48 PM  
22-09-2023



Type here to search





Console | X | Load bal... | EC2 | us-... | subhampradhan | Route tab | Certificat... | 3.138.17... | 3.138.13... | DNS / Ne... | +

us-east-1.console.aws.amazon.com/route53/v2/hostedzones?region=us-east-2#CreateRecordSet/Z06308711EZR2S923673R

WhatsApp Instagram facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

aws Services Search [Alt+S]

Route 53 > Hosted zones > subhampradhan.online > Create record

## Create record Info

**Quick create record** Switch to wizard

**Record 1** Delete

**Record name** Info  .subhampradhan.online Keep blank to create a record for the root domain.

**Record type** Info

Alias

**Value** Info   
Enter multiple values on separate lines.

**TTL (seconds)** Info     Recommended values: 60 to 172800 (two days)

**Routing policy** Info

**Add another record**

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search        AUD/INR +0.34% 10:53 PM 22-09-2023 ENG

Screenshot of the AWS Route 53 console showing the configuration of the hosted zone `subhampradhan.online`.

**Route 53** dashboard (Left sidebar):

- Hosted zones (**subhampradhan.online** is selected)
- Health checks
- IP-based routing
- Traffic flow
- Domains
- Resolver

**subhampradhan.online** Hosted Zone Details:

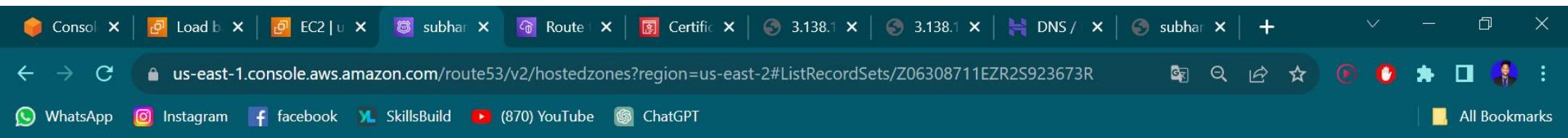
- Hosted zone details** (Edit hosted zone button)
- Records (3)**:
  - Records (1/3) Info
  - Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.
  - Buttons: Create record, Import zone file, Delete record
  - Filter: Filter records by property or value, Type, Routing policy, Alias
  - Table:

Record ...	Type	Routing policy	Alias	Value/Route traffic to	TTL
subhampr...	NS	Simple	-	No ns-1131.awsdns-13.org. ns-946.awsdns-54.net. ns-102.awsdns-12.com. ns-1624.awsdns-11.co.uk.	17
subhampr...	SOA	Simple	-	No ns-1131.awsdns-13.org. aws...	90
<b>www.subh...</b>	<b>A</b>	Simple	-	<b>No 3.138.175.11</b>	<b>30</b>

**Record details** (Right sidebar):

- Record name: www.subhampradhan.online
- Record type: A
- Value: 3.138.175.11
- Alias: No
- TTL (seconds): 300
- Routing policy: Simple

**CloudShell** and **Feedback** buttons are visible at the bottom left. The bottom right shows system status: 27°C Haze, ENG, 10:57 PM, 22-09-2023.



# Record details



Edit record



Copied

me



www.subhampradhan.online

Record type



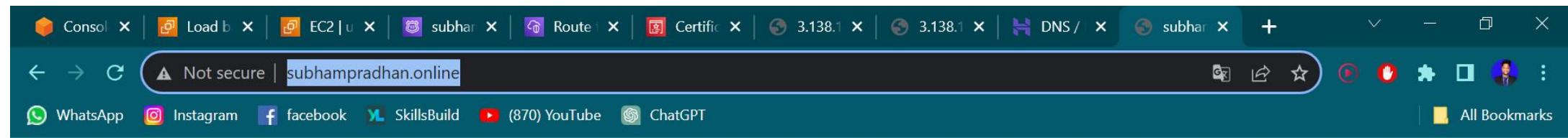
Type here to search



INR/USD +0.21%



11:01 PM  
22-09-2023



# Hello from WEB-SERVER-1



Screenshot of a web browser showing the AWS CloudFormation console with multiple tabs open. The main content area displays the 'Create Application Load Balancer' wizard.

The browser tabs include:

- Console
- Create
- EC2 | u
- subhar
- Route
- Certificate
- 3.138.1
- 3.138.1
- DNS /
- subhar
- + (New tab)

The address bar shows the URL: [us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#CreateALBWizard](https://us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#CreateALBWizard).

The AWS navigation bar includes:

- WhatsApp
- Instagram
- facebook
- SkillsBuild
- (870) YouTube
- ChatGPT
- All Bookmarks

The search bar contains the query: route 53.

The AWS services navigation bar includes:

- Services
- Ohio
- Subham Pradhan

The breadcrumb navigation shows: EC2 > Load balancers > Create Application Load Balancer.

## Create Application Load Balancer Info

The Application Load Balancer distributes incoming HTTP and HTTPS traffic across multiple targets such as Amazon EC2 instances, microservices, and containers, based on request attributes. When the load balancer receives a connection request, it evaluates the listener rules in priority order to determine which rule to apply, and if applicable, it selects a target from the target group for the rule action.

### How Elastic Load Balancing works

### Basic configuration

**Load balancer name**  
Name must be unique within your AWS account and can't be changed after the load balancer is created.  
 A maximum of 32 alphanumeric characters including hyphens are allowed, but the name must not begin or end with a hyphen.

**Scheme** Info  
Scheme can't be changed after the load balancer is created.  
 **Internet-facing** An internet-facing load balancer routes requests from clients over the internet to targets. Requires a public subnet. [Learn more](#) Info  
 **Internal** An internal load balancer routes requests from clients to targets using private IP addresses.

**IP address type** Info  
Select the type of IP addresses that your subnets use.  
 **IPv4** Recommended for internal load balancers.  
 **Dualstack** Includes IPv4 and IPv6 addresses.

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search         1 28°C Haze ENG 11:03 PM 22-09-2023

Console X Create X EC2 | u X subhan X Route X Certific X 3.138.1 X 3.138.1 X DNS / X subhan X +

us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#CreateALBWizard:

WhatsApp Instagram f facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

aws Services route 53

### Network mapping Info

The load balancer routes traffic to targets in the selected subnets, and in accordance with your IP address settings.

VPC Info  
Select the virtual private cloud (VPC) for your targets or you can [create a new VPC](#). Only VPCs with an internet gateway are enabled for selection. The selected VPC can't be changed after the load balancer is created. To confirm the VPC for your targets, view your [target groups](#).

VPC-1  
vpc-0834345b8265b770e  
IPv4: 10.0.0.0/16

C

Mappings Info  
Select at least two Availability Zones and one subnet per zone. The load balancer routes traffic to targets in these Availability Zones only. Availability Zones that are not supported by the load balancer or the VPC are not available for selection.

us-east-2a (use2-az1)

Subnet  
subnet-028072417f06d02c3 SUBNET-1 ▾  
IPv4 address  
Assigned by AWS

us-east-2b (use2-az2)

Subnet  
subnet-0a62b2d59c9cd562 SUBNET-2 ▾  
IPv4 address  
Assigned by AWS

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search

11:03 PM 22-09-2023

Screenshot of a web browser showing the AWS CloudFormation console with multiple tabs open. The main content area displays the 'Specify group details' step for creating a target group in the EC2 service.

The browser tabs include:

- Console
- Create
- Create
- EC2
- subh...
- Route
- Certif...
- 3.138
- 3.138
- DNS
- subh...

The address bar shows the URL: [us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#CreateTargetGroup:protocol=HTTP;vpc=vpc-0834345b8265b770e](https://us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#CreateTargetGroup:protocol=HTTP;vpc=vpc-0834345b8265b770e).

The AWS navigation bar includes:

- WhatsApp
- Instagram
- facebook
- SkillsBuild
- (870) YouTube
- ChatGPT
- All Bookmarks

The main page header shows the user Subham Pradhan and the AWS logo.

The page title is "Specify group details" under "Step 1: Specify group details". A sub-header states: "Your load balancer routes requests to the targets in a target group and performs health checks on the targets."

The "Basic configuration" section notes: "Settings in this section can't be changed after the target group is created."

The "Choose a target type" section contains four options:

- Instances
  - Supports load balancing to instances within a specific VPC.
  - Facilitates the use of [Amazon EC2 Auto Scaling](#) to manage and scale your EC2 capacity.
- IP addresses
  - Supports load balancing to VPC and on-premises resources.
  - Facilitates routing to multiple IP addresses and network interfaces on the same instance.
  - Offers flexibility with microservice based architectures, simplifying inter-application communication.
  - Supports IPv6 targets, enabling end-to-end IPv6 communication, and IPv4-to-IPv6 NAT.
- Lambda function
  - Facilitates routing to a single Lambda function.
  - Accessible to Application Load Balancers only.
- Application Load Balancer
  - Offers the flexibility for a Network Load Balancer to accept and route TCP requests within a specific VPC.
  - Facilitates using static IP addresses and PrivateLink with an Application Load Balancer.

At the bottom of the page, there are links for "CloudShell", "Feedback", and copyright information: "© 2023, Amazon Web Services India Private Limited or its affiliates." and "Privacy Terms Cookie preferences". The status bar at the bottom right shows the time as "11:04 PM" and the date as "22-09-2023".

Screenshot of the AWS Cloud Console showing the creation of a new Application Load Balancer target group.

The URL in the browser is [us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#CreateTargetGroup:protocol=HTTP;vpc=vpc-0834345b8265b770e](https://us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#CreateTargetGroup:protocol=HTTP;vpc=vpc-0834345b8265b770e).

The page displays the following configuration:

- Protocol:** HTTP
- Port:** 80
- VPC:** VPC-1 (vpc-0834345b8265b770e, IPv4: 10.0.0.0/16)
- Protocol version:** HTTP1 (selected)

**Health checks:** The associated load balancer periodically sends requests, per the settings below, to the registered targets to test their status.

**Bottom Navigation:** CloudShell, Feedback, © 2023, Amazon Web Services India Private Limited or its affiliates., Privacy, Terms, Cookie preferences.

**Bottom Icons:** Search bar, File, Camera, Folders, Shield, Google Chrome, GBP/INR -0.51%, ENG, 11:04 PM, 22-09-2023.

Console | Create | Create | EC2 | subh | Route | Certif | 3.138 | 3.138 | DNS | subh | +

← → C https://us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#CreateTargetGroup:protocol=HTTP;vpc=vpc-0834345b8265b770e

WhatsApp Instagram facebook SkillsBuild (870) YouTube ChatGPT

aws Services Search [Alt+S]

EC2 > Target groups > Create target group

Step 1 Specify group details

Step 2 Register targets

## Register targets

This is an optional step to create a target group. However, to ensure that your load balancer routes traffic to this target group you must register your targets.

### Available instances (1/2)

Instance ID	Name	State	Security groups	Zone	Subnet ID
<input checked="" type="checkbox"/> i-06598ff8453c41457	WEB-SERVER-1	Running	SG-PUBLIC	us-east-2a	subnet-028072417f06d02c3
<input type="checkbox"/> i-0a8a1c6ac218d739e	WEB-SERVER-2	Running	SG-PUBLIC	us-east-2b	subnet-0a62b2d59c9cdd562

1 selected

Ports for the selected instances  
Ports for routing traffic to the selected instances.

80  
1-65535 (separate multiple ports with commas)

Include as pending below

1 selection is now pending below. Include more or register targets when ready.

### Review targets

Targets (1)

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search

GBP/INR -0.51% 11:04 PM 22-09-2023 ENG

Console | Create | Target Groups | EC2 | subh | Route 53 | Certificates | 3.138 | 3.138 | DNS | subh | +

us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#TargetGroups:

WhatsApp Instagram Facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

New EC2 Experience Tell us what you think

EC2 Dashboard EC2 Global View Events

Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations

Images AMIs AMI Catalog

Elastic Block Store Volumes Snapshots Lifecycle Manager

Network & Security Security Groups

CloudShell Feedback Type here to search        

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

GBP/INR -0.51% 11:05 PM 22-09-2023 ENG

Successfully created target group: TG-1

EC2 > Target groups

Target groups (1/1) Info Actions Create target group

Filter target groups

Name	ARN	Port	Protocol	Target type	Load balancer	VPC ID
TG-1	arn:aws:elasticloadbalancing:us-east-2:841429465794:targetgroup/TG-1/c4400d87e37e8502	80	HTTP	Instance	None associated	vpc-0834345b8265b770e

Target group: TG-1

Details Targets Monitoring Health checks Attributes Tags

Details

arn:aws:elasticloadbalancing:us-east-2:841429465794:targetgroup/TG-1/c4400d87e37e8502

Target type Instance	Protocol : Port HTTP: 80	Protocol version HTTP1	VPC vpc-0834345b8265b770e
IP address type IPv4	Load balancer None associated		
Total targets 1	Healthy 0	Unhealthy 0	Unused 1
			Initial 0
			Draining 0

CloudShell Feedback Type here to search        

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

GBP/INR -0.51% 11:05 PM 22-09-2023 ENG

Cons X Creat X Target X EC2 | X subh X Rout X Certi X 3.138 X 3.138 X DNS X subh X +

← → C us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#CreateALBWizard:

WhatsApp Instagram f facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

aWS Services route 53

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 load balancer routes requests to its registered targets.

▼ Listener HTTP:80 Remove

Protocol	Port	Default action	Info
HTTP	: 80 1-65535	Forward to TG-1 Target type: Instance, IPv4	HTTP

Create target group

Listener tags - optional

Consider adding tags to your listener. Tags enable you to categorize your AWS resources so you can more easily manage them.

Add listener tag You can add up to 50 more tags.

Add listener

▼ Add-on services - optional

Additional AWS services can be integrated with this load balancer at launch. You can also add these and other services after your load balancer is created by reviewing the "Integrated Services" tab for the selected load balancer.

AWS Global Accelerator Info

Create an accelerator to get static IP addresses and improve the performance and availability of your applications. Additional charges apply

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search

GBP/INR -0.51% 11:05 PM 22-09-2023 ENG

Sessions: Con X | Cre X | EC2 X | Tar X | EC2 X | sub X | Rou X | Cert X | 3.1 X | 3.1 X | DN X | sub X | +

us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#CreateSecurityGroup

WhatsApp Instagram facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

aws Services Search [Alt+S]

Create security group [Info](#)

A security group acts as a virtual firewall for your instance to control inbound and outbound traffic. To create a new security group, complete the fields below.

**Basic details**

Security group name [Info](#)  
SG-LOAD-BALANCER  
Name cannot be edited after creation.

Description [Info](#)  
SG-LOAD-BALANCER

VPC [Info](#)  
vpc-0834345b8265b770e

**Inbound rules** [Info](#)

Type	Protocol	Port range	Source	Description - optional
HTTP	TCP	80	Anywhere... 0.0.0.0/0	<a href="#">Delete</a>
HTTPS	TCP	443	Anywhere... 0.0.0.0/0	<a href="#">Delete</a>

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search 

 AUD/INR +0.28%     ENG 11:07 PM 22-09-2023

Con X | Loa X | Targ X | EC2 X | sub X | Rou X | Cen X | 3.1 X | 3.1 X | DN X | sub X | load X | +

us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#LoadBalancers:search=Load-Balancer-1

WhatsApp | Instagram | facebook | SkillsBuild | (870) YouTube | ChatGPT | All Bookmarks

aws Services | route 53

New EC2 Experience Tell us what you think

EC2 Dashboard | EC2 Global View | Events

Instances

- Instances
- Instance Types
- Launch Templates
- Spot Requests
- Savings Plans
- Reserved Instances
- Dedicated Hosts
- Capacity Reservations

Images

- AMIs
- AMI Catalog

Elastic Block Store

- Volumes
- Snapshots
- Lifecycle Manager

Network & Security

- Security Groups

CloudShell Feedback

Type here to search

Route 53

Actions | Create load balancer

Load balancers (1/1)

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

Filter by property or value

Load-Balancer-1 | Clear filters

Name | DNS name | State | VPC ID | Availability Zones | Type | Date created

Load-Balancer-1 | Load-Balancer-1-1950626... | Active | vpc-0834345b8265b770e | 2 Availability Zones | application | September 22, 2023, 23:07 (UTC+05:30)

Load balancer: Load-Balancer-1

Details | Listeners and rules | Network mapping | Security | Monitoring | Integrations | Attributes | Tags

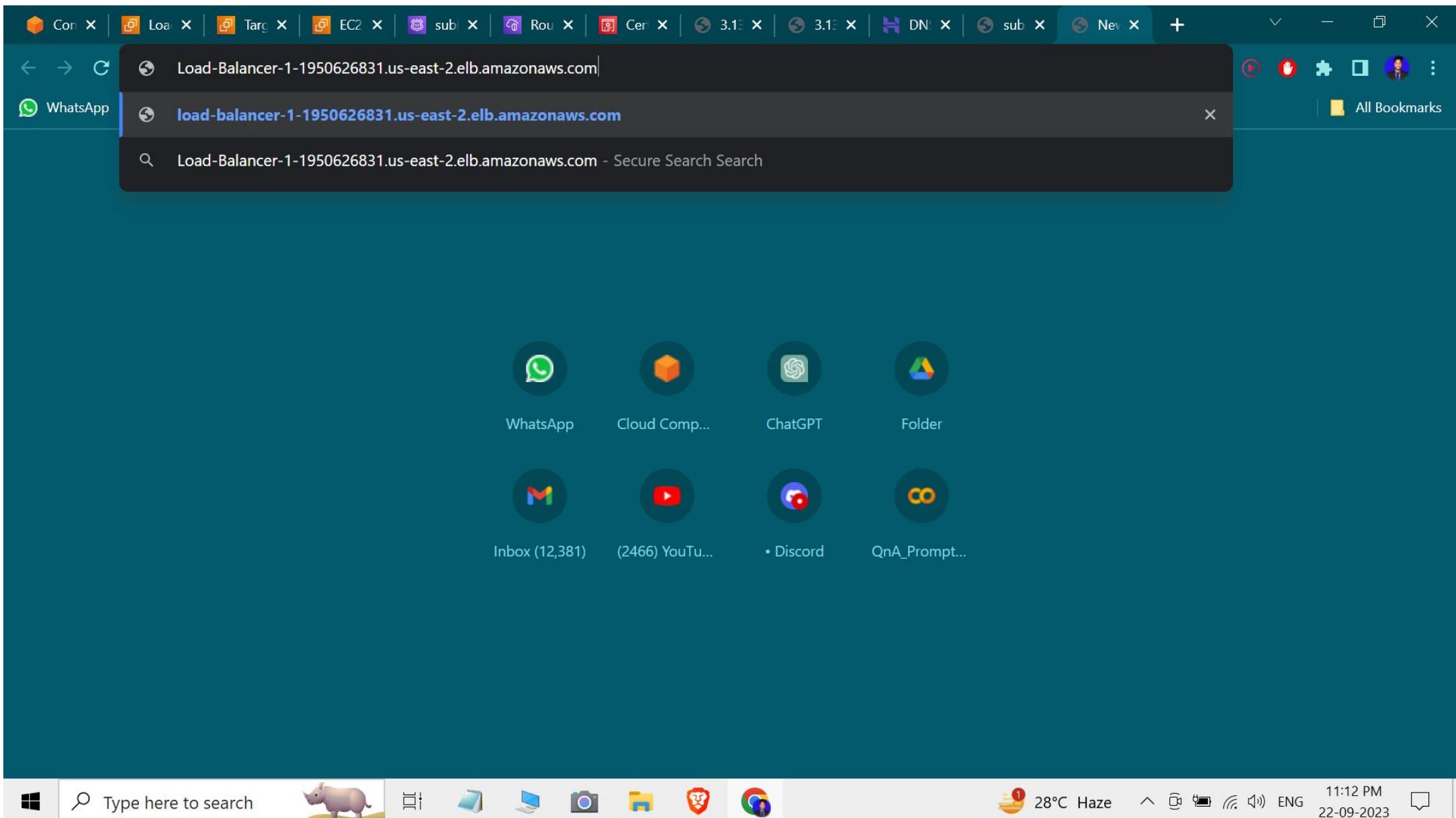
Details

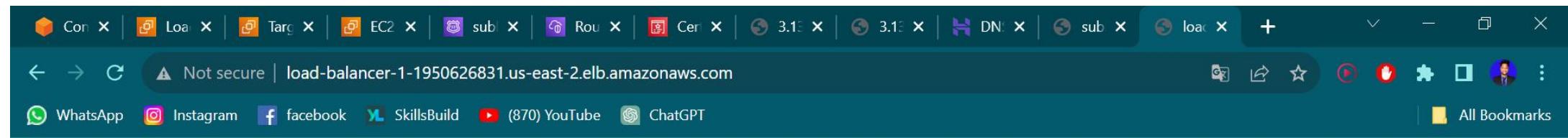
Load balancer type	Status	VPC	IP address type
Application	Active	vpc-0834345b8265b770e	IPv4
Scheme	Hosted zone	Availability Zones	Date created
Internet-facing	Z3AADJGX6KTTL2	subnet-028072417f06d02c3 us-east-2a (use2-az1)	September 22, 2023, 23:07 (UTC+05:30)
Load balancer ARN	arn:aws:elasticloadbalancing:us-east-2:841429465794:loadbalancer/app/Load-Balancer-1/843e4deb269b7d12		
	Load-Balancer-1-1950626831.us-east-2.elb.amazonaws.com (A Record)		

DNS name copied

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

1 28°C Haze ENG 11:11 PM 22-09-2023





# Hello from WEB-SERVER-1



Con x | Loa x | Cre x | EC2 x | sub x | Rou x | Cer x | 3.1 x | 3.1 x | DN x | sub x | load x | +

us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#CreateTargetGroup:

WhatsApp Instagram facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

aws Services Search [Alt+S]

EC2 > Target groups > Create target group

Step 1 Specify group details

Your load balancer routes requests to the targets in a target group and performs health checks on the targets.

Step 2 Register targets

**Basic configuration**

Settings in this section can't be changed after the target group is created.

Choose a target type

Instances

- Supports load balancing to instances within a specific VPC.
- Facilitates the use of Amazon EC2 Auto Scaling  to manage and scale your EC2 capacity.

IP addresses

- Supports load balancing to VPC and on-premises resources.
- Facilitates routing to multiple IP addresses and network interfaces on the same instance.
- Offers flexibility with microservice based architectures, simplifying inter-application communication.
- Supports IPv6 targets, enabling end-to-end IPv6 communication, and IPv4-to-IPv6 NAT.

Lambda function

- Facilitates routing to a single Lambda function.
- Accessible to Application Load Balancers only.

Application Load Balancer

- Offers the flexibility for a Network Load Balancer to accept and route TCP requests within a specific VPC.
- Facilitates using static IP addresses and PrivateLink with an Application Load Balancer.

CloudShell Feedback

Type here to search 

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

1 28°C Haze ENG 11:27 PM 22-09-2023

Con x | Loa x | Cre x | EC2 x | sub x | Rou x | Cer x | 3.1 x | 3.1 x | DN x | sub x | load x | +

us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#CreateTargetGroup:

WhatsApp Instagram facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

aws Services Search [Alt+S]

EC2 > Target groups > Create target group

Step 1 Specify group details

Step 2 Register targets

## Register targets

This is an optional step to create a target group. However, to ensure that your load balancer routes traffic to this target group you must register your targets.

### Available instances (1/2)

Instance ID	Name	State	Security groups	Zone	Subnet ID
i-06598ff8453c41457	WEB-SERVER-1	Running	SG-PUBLIC	us-east-2a	subnet-028072417f06d02c3
i-0a8a1c6ac218d739e	WEB-SERVER-2	Running	SG-PUBLIC	us-east-2b	subnet-0a62b2d59c9cdd562

1 selected

Ports for the selected instances  
Ports for routing traffic to the selected instances.  
80  
1-65535 (separate multiple ports with commas)

Include as pending below

### Review targets

Targets (0)

Remove all pending

CloudShell Feedback

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search

28°C Haze ENG 11:27 PM 22-09-2023

Con X | Loa X | Targ X | EC2 X | sub X | Rou X | Cen X | 3.1 X | 3.1 X | DN X | sub X | load X | + | - | X

us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#TargetGroups:

WhatsApp Instagram facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

aws Services Search [Alt+S]

New EC2 Experience Tell us what you think

EC2 Dashboard EC2 Global View Events

Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations

Images AMIs AMI Catalog

Elastic Block Store Volumes Snapshots Lifecycle Manager

Network & Security Security Groups

CloudShell Feedback

Type here to search

Target groups (1/2) Info Filter target groups

Name	ARN	Port	Protocol	Target type	Load balancer	VPC ID
TG-1	arn:aws:elasticloadbalancing:us-east-2:841429465794:targetgroup/TG-1/47da264f83aea3c1	80	HTTP	Instance	Load-Balancer-1	vpc-0834345b8265b770e
TG-2	arn:aws:elasticloadbalancing:us-east-2:841429465794:targetgroup/TG-2/47da264f83aea3c1	80	HTTP	Instance	None associated	vpc-0834345b8265b770e

Actions ▾ Create target group

- Delete
- Register targets
- Edit health check settings
- Edit target group attributes
- Manage tags
- Associate with a new load balancer
- Associate with an existing load balancer

Target group: TG-2

Details Targets Monitoring Health checks Attributes Tags

Details

arn:aws:elasticloadbalancing:us-east-2:841429465794:targetgroup/TG-2/47da264f83aea3c1	Target type: Instance	Protocol: Port HTTP: 80	Protocol version: HTTP1	VPC: vpc-0834345b8265b770e
IP address type: IPv4	Load balancer: None associated			
Total targets: 1	Healthy: 0	Unhealthy: 0	Unused: 1	Initial: 0
				Draining: 0

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

28°C Haze ENG 11:28 PM 22-09-2023

Screenshot of a web browser showing the AWS Certificate Manager (ACM) console. The URL is [us-east-2.console.aws.amazon.com/acm/home?region=us-east-2#/certificates/86404f1f-125f-466d-a7dd-3e5afdec0509](https://us-east-2.console.aws.amazon.com/acm/home?region=us-east-2#/certificates/86404f1f-125f-466d-a7dd-3e5afdec0509).

The page displays the details of a certificate named **86404f1f-125f-466d-a7dd-3e5afdec0509**. The status is **Issued**. The ARN is **arn:aws:acm:us-east-2:841429465794:certificate/86404f1f-125f-466d-a7dd-3e5afdec0509**. The type is **Amazon Issued**.

The **Domains (2)** section lists two entries:

Domain	Status	Renewal status	Type	CNAME name	CNAME value
subhampradhan.online	Success	-	CNAME	_ce828d09872edf09141d9125bf762ec0 .subhampradhan.online.	_055f8097e40d36638b4a896cdfe5c79 5.vpgtsqjbx.acm-validations.aws.
*.subhampradhan.online	Success	-	CNAME	_ce828d09872edf09141d9125bf762ec0 .subhampradhan.online.	_055f8097e40d36638b4a896cdfe5c79 5.vpgtsqjbx.acm-validations.aws.

The **Details** section is currently empty.

At the bottom, the Windows taskbar shows the search bar, file explorer, camera, file manager, and browser icons. The system tray shows the date (22-09-2023), time (11:54 PM), battery level (1%), temperature (28°C Haze), and network status.

Screenshot of a web browser showing the AWS Certificate Manager (ACM) console. The user is creating DNS records in Amazon Route 53 for a certificate.

The URL in the address bar is: us-east-2.console.aws.amazon.com/acm/home?region=us-east-2#/certificates/592ba757-1bda-46e8-93d1-95d679795038/create...

The browser toolbar includes: Con, Loa, Edit, EC2, sub, Rou, Cert, 3.1, 3.1, DN, sub, load, +, back, forward, search, and various icons for WhatsApp, Instagram, Facebook, SkillsBuild, YouTube, ChatGPT, and All Bookmarks.

The AWS navigation bar shows: Services, Search [Alt+S], Ohio, Subham Pradhan.

The left sidebar for AWS Certificate Manager (ACM) includes: List certificates, Request certificate, Import certificate, and AWS Private CA.

The main content area shows the "Create DNS records in Amazon Route 53 (2/2)" step. It lists two matches for domains: "subhampradhan.online" and "\*subhampradhan.online". Both entries show "Validation status: Pending validation" and "Type: CNAME". The "Is domain in Route 53?" column shows "Yes" for both. The "CNAME name" and "CNAME value" columns show generated names and values. There is a "Clear filter" button and a "Create records" button at the bottom.

The bottom of the screen shows the Windows taskbar with CloudShell, Feedback, a search bar with a rhinoceros icon, file explorer, camera, folder, shield, and Google Chrome icons, system tray with battery, temperature (27°C Haze), volume, and network icons, and the date/time (11:55 PM 22-09-2023).

Con x | Loa x | Edit x | EC2 x | sub x | Rou x | Cen x | 3.1 x | 3.1 x | DN x | sub x | load x | +

us-east-1.console.aws.amazon.com/route53/v2/hostedzones?region=us-east-2#ListRecordSets/Z06308711EZR2S923673R

WhatsApp Instagram facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

aws Services Search [Alt+S]

Route 53 X Route 53 > Hosted zones > subhampradhan.online

Public subhampradhan.online Info Delete zone Test record Configure query logging

Hosted zones Health checks IP-based routing CIDR collections Traffic flow Traffic policies Policy records Domains Registered domains Requests Resolver VPCs Inbound endpoints Outbound endpoints Rules Query logging Outposts

Hosted zone details Edit hosted zone

Records (4) DNSSEC signing Hosted zone tags (0)

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 policy Alias TTL (s...) Health ... Evaluation ... Records

	Record ...	Type	Routine...	Differ...	Alias	Value/Route traffic to	TTL (s...)	Health ...	Evaluation ...	Records
<input type="checkbox"/>	subhampr...	NS	Simple	-	No	ns-1131.awsdns-13.org. ns-946.awsdns-54.net. ns-102.awsdns-12.com. ns-1624.awsdns-11.co.uk.	172800	-	-	-
<input type="checkbox"/>	subhampr...	SOA	Simple	-	No	ns-1131.awsdns-13.org. aws...	900	-	-	-
<input type="checkbox"/>	_ce828d0...	CNAME	Simple	-	No	_055f8097e40d36638b4a89...	300	-	-	-
<input type="checkbox"/>	www.subh...	A	Simple	-	No	3.138.175.11	300	-	-	-

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search

27°C Haze ENG 11:56 PM 22-09-2023

Sessions | Load | EC2 | subh | Route 53 | Certif | 3.138 | 3.138 | DNS | web | load | + | ↻ | - | ⌂ | X

us-east-1.console.aws.amazon.com/route53/v2/hostedzones?region=us-east-2#CreateRecordSet/Z06308711EZR2S923673R

WhatsApp Instagram Facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

aws Services Search [Alt+S]

Route 53 > Hosted zones > subhampradhan.online > Create record

## Create record Info

**Quick create record** Switch to wizard

**Record 1** Delete

**Record name** Info  .subhampradhan.online Keep blank to create a record for the root domain.

**Record type** Info

Alias

**Route traffic to** Info  US East (Ohio)  X

Alias hosted zone ID: Z3AADJGX6KTTL2

**Routing policy** Info  Evaluate target health  Yes

**Add another record**

**Create records**

**View existing records**

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search         27°C Haze  ENG 12:34 AM 23-09-2023 

Route 53 > Hosted zones > subhampradhan.online

Public subhampradhan.online [Info](#)

Delete zone Test record Configure query logging

Hosted zone details [Edit hosted zone](#)

Records (5) DNSSEC signing Hosted zone tags (0)

Records (5) [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 pol... Alias Value/Route traffic to TTL (s...) Health

Record name	Type	Routing	Differ...	Alias	Value/Route traffic to	TTL (s...)	Health
subhampradhan.online	NS	Simple	-	No	ns-1131.awsdns-13.org. ns-946.awsdns-54.net. ns-102.awsdns-12.com. ns-1624.awsdns-11.co.uk.	172800	-
subhampradhan.online	SOA	Simple	-	No	ns-1131.awsdns-13.org. aws...	900	-
_ce828d09872edf09141d9125bf762ec0.su...	CNAME	Simple	-	No	_055f8097e40d36638b4a89...	300	-
web.subhampradhan.online	A	Simple	-	Yes	dualstack.load-balancer-1-1...	-	-

Type here to search 27°C Haze ENG 12:34 AM 23-09-2023

Screenshot of the AWS Management Console showing the Load Balancer details for 'Load-Balancer-1'.

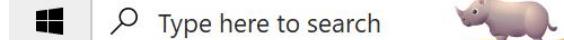
**Details:**

Load balancer type: Application	Status: Active	VPC: vpc-0834345b8265b770e	IP address type: IPv4
Scheme: Internet-facing	Hosted zone: Z3AADJGX6KTTL2	Availability Zones: subnet-028072417f06d02c3 us-east-2a (use2-az1), subnet-0a62b2d59c9cd562 us-east-2b (use2-az2)	Date created: September 22, 2023, 23:07 (UTC+05:30)
Load balancer ARN: arn:aws:elasticloadbalancing:us-east-2:841429465794:loadbalancer/app/Load-Balancer-1/843e4deb269b7d12		DNS name: Load-Balancer-1-1950626831.us-east-2.elb.amazonaws.com (A Record)	

**Listeners and rules (1/1):**

Protocol:Port	Default action	Rules	ARN	Security policy	Default SSL/TLS certificate	Tags
HTTP:80	Forward to target group • TG-1: 1 (100%) • Group-level stickiness: Off	1 rule	Not applicable	Not applicable	0 tags	

**CloudShell Feedback**

Type here to search        

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

CloudWatch Metrics  27°C Haze  ENG 12:01 AM 23-09-2023 

The screenshot shows a web browser window with the AWS CloudWatch Metrics console open. The URL in the address bar is `us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#ElbAddListener:loadBalancerArn=arn:aws:elasticloadbalancing:us-e...`. The browser's tab bar includes links for Con, Add, Edit, EC2, sub, Rou, Cert, 3.1, 3.1, DN, sub, load, and a plus sign. Below the tabs are navigation icons (back, forward, search) and a star icon. The main content area shows a list of metrics and their values.

The screenshot shows the AWS Application Load Balancer (ALB) configuration page for a listener. The URL is `us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#LoadBalancers:Load-Balancer-1`. The page title is "Add listener".  
**Load balancer details:** Load-Balancer-1  
**Listener details: HTTPS:443**  
A listener checks for connection requests using the protocol and port that you configure. The default action and any additional rules that you create determine how the Application Load Balancer routes requests to its registered targets.  
**Protocol : Port**  
The listener will be identified by the protocol and port.  
Protocol: HTTPS Port: 443  
**Default actions** | [Info](#)  
The default action is used if no other rules apply. Choose the default action for traffic on this listener.  
**Authentication** | [Info](#)  
 Use OpenID or Amazon Cognito  
Include authentication using either OpenID Connect (OIDC) or Amazon Cognito.  
**Action types**  
 Forward to target groups  Redirect to URL  Return fixed response  
**Redirect to URL** | [Info](#)  
Redirect client requests from one URL to another. You cannot redirect HTTPS to HTTP. To avoid a redirect loop, you must modify at least one of the following components: protocol, port, hostname or path. Components that you do not modify retain their original values.

The screenshot shows the Windows taskbar at the bottom of the screen. It includes icons for CloudShell, Feedback, a search bar with a rhinoceros icon, file explorer, camera, folder, and shield icons, and system status icons for battery (1), temperature (27°C Haze), network, volume, and language (ENG). The date and time are shown as 12:02 AM 23-09-2023.

Screenshot of the AWS CloudShell interface showing the configuration of an Application Load Balancer (ALB) listener.

The top navigation bar shows multiple tabs including Con, Adc, Edit, EC2, sub, Rou, Cen, 3.13, 3.13, DN, sub, load, and a new tab icon. The URL in the address bar is [us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#ElbAddListener:loadBalancerArn=arn:aws:elasticloadbalancing:us-e...](https://us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#ElbAddListener:loadBalancerArn=arn:aws:elasticloadbalancing:us-e...). The AWS logo and Services menu are visible on the left.

The main content area displays the "Add listener" configuration page for "Load-Balancer-1".

**Load balancer details:** Load-Balancer-1

**Listener details: HTTPS:443**

A listener checks for connection requests using the protocol and port that you configure. The default action and any additional rules that you create determine how the Application Load Balancer routes requests to its registered targets.

**Protocol : Port**

The listener will be identified by the protocol and port.

Protocol: **HTTPS** Port: **443**

Default actions | [Info](#)

The default action is used if no other rules apply. Choose the default action for traffic on this listener.

**Authentication** | [Info](#)

Use OpenID or Amazon Cognito  
Include authentication using either OpenID Connect (OIDC) or Amazon Cognito.

**Action types**

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](#).

TG-1	HTTP	Weight	Percent
TG-1	HTTP	<input type="text" value="1"/>	100%
		<small>0-999</small>	

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search

12:02 AM 23-09-2023 27°C Haze ENG



Con X | Add X | Edit X | EC2 X | sub X | Rou X | Cert X | 3.1 X | 3.1 X | DN X | sub X | load X | +

us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#ElbEditListener:loadBalancerArn=arn:aws:elasticloadbalancing:us-ea...

WhatsApp Instagram facebook SkillsBuild (870) YouTube ChatGPT All Bookmarks

aws Services Search [Alt+S]

Choose a target group and specify routing weight or Create target group.

TG-1	HTTP	Weight	Percent
TG-1	HTTP	1	100%

Target type: Instance, IPv4

Add target group

You can add up to 4 more target groups.

Turn on group-level stickiness Info  
If a target group is sticky, requests routed to it remain in that target group for the duration of the session. Individual target stickiness is a configuration of the target group.

**Secure listener settings Info**

Security policy  
Your load balancer uses a Secure Socket Layer (SSL) negotiation configuration, known as a security policy, to negotiate SSL connections with clients.

ELBSecurityPolicy-TLS13-1-2-2021-06 (recommended)

Compare security policies

Default SSL/TLS certificate  
The certificate used if a client connects without SNI protocol, or if there are no matching certificates. This certificate will automatically be added to your listener certificate list.

From ACM subhampradhan.online 592ba757-1bda-46e8-93d1-95d67979...

Request new ACM certificate

**Listener tags - optional**  
Consider adding tags to your listener. Tags enable you to categorize your AWS resources so you can more easily manage them.

Cancel Save changes

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search

27°C Haze ENG 12:03 AM 23-09-2023

Sessions | Edit | EC2 | subh | Route 53 | Certif | 3.138 | 3.138 | DNS | web | load | +

us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#ElbEditListener:listenerArn=arn:aws:elasticloadbalancing:us-east-2:841429465794:listener/app/Load-Balancer-1/843e4deb269b7d12/a1114e47674ea25d

WhatsApp | Instagram | Facebook | SkillsBuild | (870) YouTube | ChatGPT | All Bookmarks

aws Services Search [Alt+S]

### Listener details

A listener checks for connection requests using the protocol and port that you configure. The default action and any additional rules that you create determine how the Application Load Balancer routes requests to its registered targets.

**Listener ARN**  
arn:aws:elasticloadbalancing:us-east-2:841429465794:listener/app/Load-Balancer-1/843e4deb269b7d12/a1114e47674ea25d

**Protocol : Port**  
The listener will be identified by the protocol and port.  
HTTP ▾ 80  
1-65535

**Default actions** | Info  
The default action is used if no other rules apply. Choose the default action for traffic on this listener.

**Action types**

Forward to target groups  Redirect to URL  Return fixed response

**Redirect to URL** | Info  
Redirect client requests from one URL to another. You cannot redirect HTTPS to HTTP. To avoid a redirect loop, you must modify at least one of the following components: protocol, port, hostname or path. Components that you do not modify retain their original values.

URI parts Full URL

Full URL | Info  
Enter the redirect URL.  
https://web.subhampradhan.online

protocol://hostname:port/path?query

Status code  
301 - Permanently moved

### Default actions

The default action is the Action type that applies to traffic on the listener. The default action is also called the default rule. Default rules don't have conditions. A default action is performed if no other rules are present, or if none of the other conditions specified in the listener's rules are met.

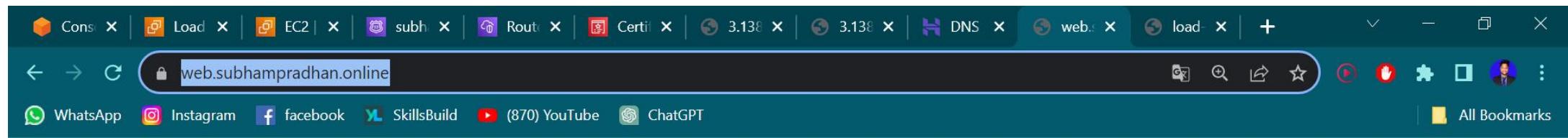
Each rule must include exactly one of the following default actions: **Forward, Redirect, or Fixed-response**, and it must be the last action to be performed.

For HTTPS listeners, you can include **Authentication** as a default action with Amazon Cognito or OpenID Connect (OIDC).

CloudShell Feedback © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search

EUR/INR -0.32% 12:29 AM 23-09-2023 ENG



# Hello from WEB-SERVER-1



The screenshot shows a Microsoft Edge browser window. The address bar displays the URL `web.subhampradhan.online`. Below the address bar, there are several pinned icons: WhatsApp, Instagram, Facebook, and SkillsBuild. The main content area is titled "Certificate Viewer: subhampradhan.online". It contains tabs for "General" and "Details", with "General" selected. The "Issued To" section shows the following details:

Common Name (CN)	subhampradhan.online
Organization (O)	<Not Part Of Certificate>
Organizational Unit (OU)	<Not Part Of Certificate>

The "Issued By" section shows the following details:

Common Name (CN)	Amazon RSA 2048 M02
Organization (O)	Amazon
Organizational Unit (OU)	<Not Part Of Certificate>

The "Validity Period" section shows the following dates:

Issued On	Friday, September 22, 2023 at 5:30:00 AM
Expires On	Monday, October 21, 2024 at 5:29:59 AM

The "Fingerprints" section shows the SHA-256 and SHA-1 fingerprints:

SHA-256 Fingerprint	FF CE 3B C1 EB 86 00 13 3C 68 FE A2 AD E0 DF 65 CB F6 2A 79 BC 02 49 1E C1 12 4B EA 2B D5 9A 04
SHA-1 Fingerprint	BC BC 62 E9 6A 38 62 78 7C 81 42 F0 9C 8D 95 1E B3 50 F8 0A

# Hello from WEB-SER

