Route 53

Purchase Domain

Search Freenom

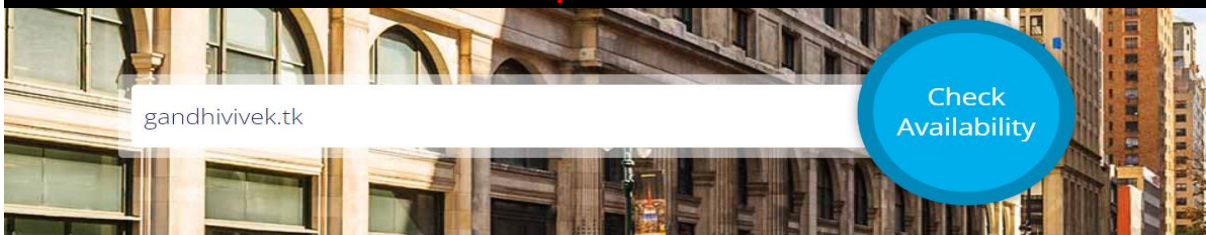https://www.freenom.com

Freenom - A Name for Everyone

Checkout 0 domains in cart domain in cart (maximum reached. A maximum number of 10 domains can be registered within one single transaction. To register more ...

You've visited this page many times. Last visit: 8/7/22

Open SNS

gandhivivek.tk

Check Availability

Select checkout

gandhivivek.tk

Check Availability

Yes gandhivivek.tk is available!

1 domain in cart   Checkout

gandhivivek **·FREE** .tk

USD 0.00

✔ Selected ➖

Change time period and continue

Domain		Use your new domain		Period
gandhivivek.tk ➖	IDSHIELD ❓	➦ Forward this domain	or ☰ Use DNS	12 Months @ FREE ▾

Continue

Click complete order

Description	Price
Domain Registration - gandhivivek.tk ➖	$0.00USD
Subtotal:	$0.00USD
Total Due Today:	$0.00USD

✅ I have read and agree to the **Terms & Conditions**   Complete Order
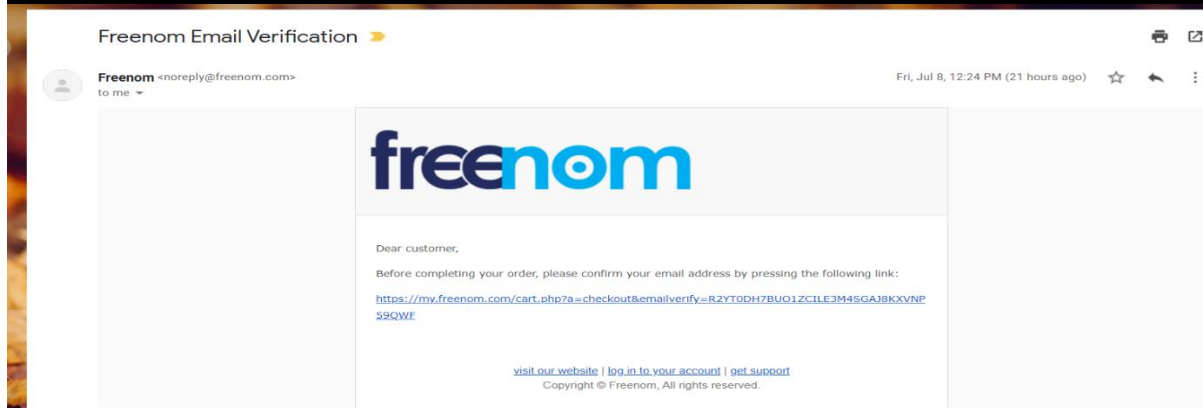
Conformation EMAIL

Thank you for your order. You will receive a confirmation email shortly.

Your Order Number is: 6352298940

If you have any questions about your order, please open a support ticket from your client area and quote your order number.

Click here to go to your Client Area

Click to link and confirm

Freenom Email Verification

Freenom <noreply@freenom.com>
to me

Fri, Jul 8, 12:24 PM (21 hours ago)

freenom

Dear customer,

Before completing your order, please confirm your email address by pressing the following link:

https://my.freenom.com/cart.php?a=checkout&emailverify=R2YT0DH7BUO1ZCILE3M4SGAJ8KXVNP59QWF

visit our website | log in to your account | get support
Copyright © Freenom, All rights reserved.

See I have multi domain created

My Domains

View & manage all the domains you have registered with us from here...

Enter Domain to Find | Filter

Domain	Registration Date	Expiry date	Status	Type	
gandhivivek.tk	2022-07-09	2023-07-09	ACTIVE	Free	Manage Domain ⚙
vivekgandhi.tk	2022-07-08	2023-07-08	ACTIVE	Free	Manage Domain ⚙

Results Per Page: 10

2 Records Found, Page 1 of 1

Route 53

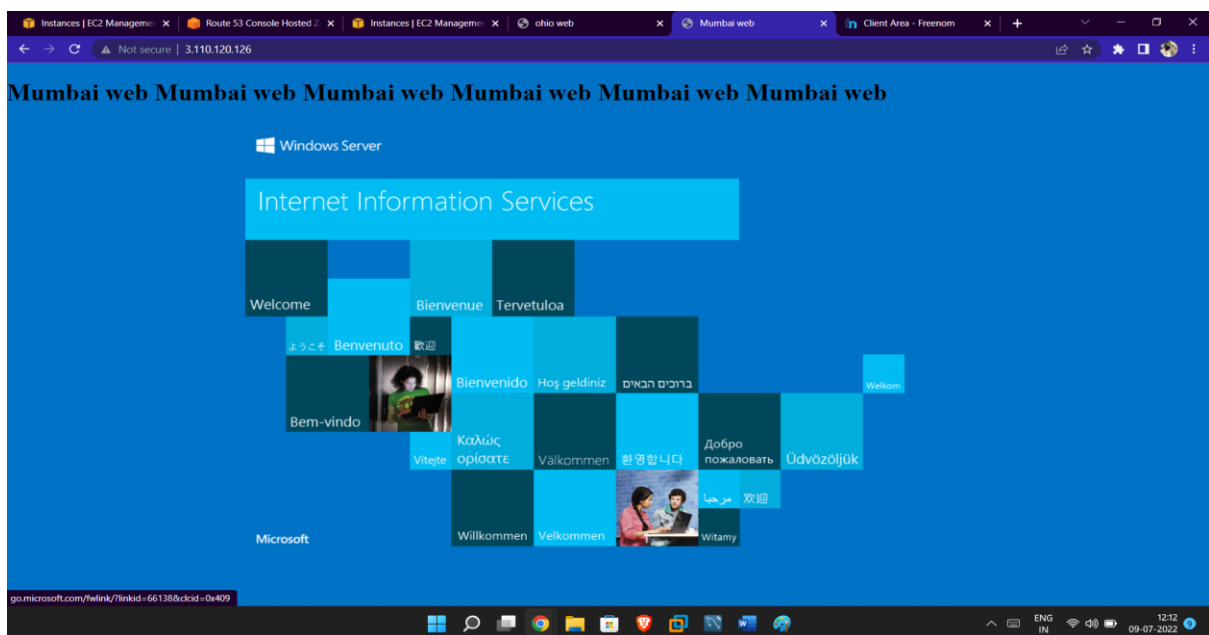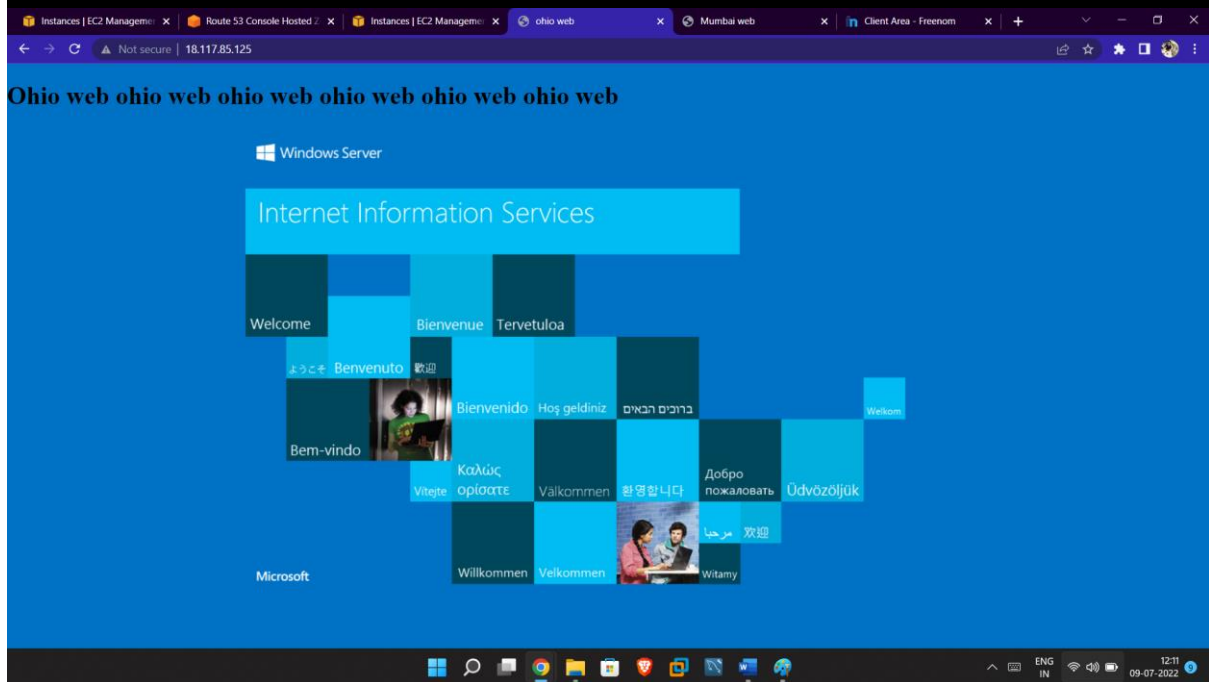## Create 2 different region create EC2 (configure IIS WEB)

CREATE 2 EC2 IN different region

	Name		Instance ID	Instance state		Instance type		Status check	Alarm status		Availability Zone		Public IPv4 DNS		Publ
☑	Ohio-web	▽	i-0fd94331a5068f99c	⊘ Running	⊕⊖	t2.micro	▽	–	No alarms	+	us-east-2b	▽	ec2-18-117-85-125.us-...	▽	18.1

	Name		Instance ID	Instance state		Instance type		Status check	Alarm status		Availability Zone		Public IPv4 DN
☑	M-web	▽	i-0a3f47e8542a56cde	⊘ Running	⊕⊖	t2.micro	▽	–	No alarms	+	ap-south-1a	▽	ec2-3-110-12(

See both IIS web

Ohio web ohio web ohio web ohio web ohio web ohio web

Mumbai web Mumbai web Mumbai web Mumbai web Mumbai web Mumbai web
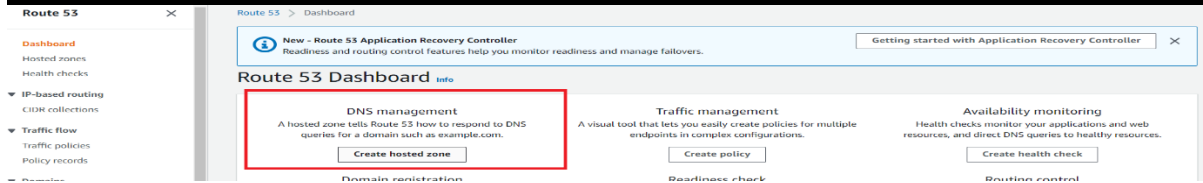
Route 53

CREATE ROUTE53

Create hosted zone

Enter domain name

Domain name | Info
This is the name of the domain that you want to route traffic for.

vivekgandhi.tk

Valid characters: a-z, 0-9, ! " # $ % & ' ( ) * + , - / : ; < = > ? @ [\ ] ^ _ ` { | } . ~

Description – *optional* | Info
This value lets you distinguish hosted zones that have the same name.

vivekgandhi.tk

The description can have up to 256 characters. 14/256

Type | Info
The type indicates whether you want to route traffic on the internet or in an Amazon VPC.

○ **Public hosted zone**
A public hosted zone determines how traffic is routed on the internet.

○ **Private hosted zone**
A private hosted zone determines how traffic is routed within an Amazon VPC.

Tags Info
Apply tags to hosted zones to help organize and identify them.

No tags associated with the resource.

Add tag
You can add up to 50 more tags.

Cancel   **Create hosted zone**

CREATE SUCCESSFULLY global

Route 53

Copy traffic

Records (2) Info

Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

	Record name ▽	Type ▽	Routin... ▽	Differ... ▽	Value/Route traffic to	▽
☐	vivekgandhi.tk	NS	Simple	-	ns-1813.awsdns-34.co.uk. ns-683.awsdns-21.net. ns-1361.awsdns-42.org. ns-322.awsdns-40.com.	
☐	vivekgandhi.tk	SOA	Simple	-	ns-1813.awsdns-34.co.uk. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400	

Filter records by property or value   Type ▼   Routing policy ▼   Alias ▼   ‹ 1 ›   ⚙

Delete record   Import zone file   Create record

Click to manage domain in freenom

Domain ⇅	Registration Date ⇅	Expiry date ⇅	Status ⇅	Type	
gandhivivek.tk ⬈	2022-07-09	2023-07-09	ACTIVE	Free	Manage Domain ⚙
vivekgandhi.tk ⬈	2022-07-08	2023-07-08	ACTIVE	Free	Manage Domain ⚙

Results Per Page: 10 ▼   2 Records Found, Page 1 of 1

Open name server option

Information   Upgrade   Management Tools ▾   Manage Freenom DNS

Nameservers
Register glue records
URL Forwarding

Dot TK Apps
Dot TK Ambassadors

Cancel domain

Did not receive valid response from API!

Information

To the right you can find the deta
You can manage your domain usi

ndhi.tk ACTIVE

ation Date:
2022

date:
08/07/2023

« Back to Domains List

Enter name and see its required time

Nameservers

You can change where your domain points to here. Please be aware changes can take up to 24 hours to propogate.

○ Use default nameservers (Freenom Nameservers)

● Use custom nameservers (enter below)

Nameserver 1
ns-1813.awsdns-34.co.uk.

Nameserver 2
ns-683.awsdns-21.net.

Nameserver 3
ns-1361.awsdns-42.org.

Nameserver 4
ns-322.awsdns-40.com.

Nameserver 5

Change Nameservers

Route 53

If you testing use domain then direct use SIMPLE ROUTING

Click create record

Records (2)   DNSSEC signing   Hosted zone tags (0)

Records (2) Info
Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

[C]   Delete record   Import zone file   **Create record**

Configure simple ROUTING

Route 53 > Hosted zones > vivekgandhi.tk > Create record

Quick create record Info   **Switch to wizard**

▼ Record 1   Delete

Record name Info   Record type Info

[subdomain] vivekgandhi.tk   A – Routes traffic to an IPv4 address and some AWS resources ▼

Keep blank to create a record for the root domain.

Value Info ⬤ Alias

18.117.85.125   **ohio EC2 public IP**

Enter multiple values on separate lines.

TTL (seconds) Info   Routing policy Info

[1]   Simple routing ▼

[1m] [1h] [1d]
Recommended values: 60 to 172800 (two days)

Add another record

Cancel   **Create records**

CREATED successfully

ⓘ **Record for vivekgandhi.tk was successfully created.**   View status   ✕
Route 53 propagates your changes to all of the Route 53 authoritative DNS servers within 60 seconds. Use "View status" button to check propagation status.

Route 53 > Hosted zones > vivekgandhi.tk

Public **vivekgandhi.tk** Info   Delete zone   Test record   Configure query logging

▶ **Hosted zone details**   Edit hosted zone

Records (3)   DNSSEC signing   Hosted zone tags (0)

Records (3) Info   [C]   Delete record   Import zone file   **Create record**
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 ▼   < 1 > ⚙

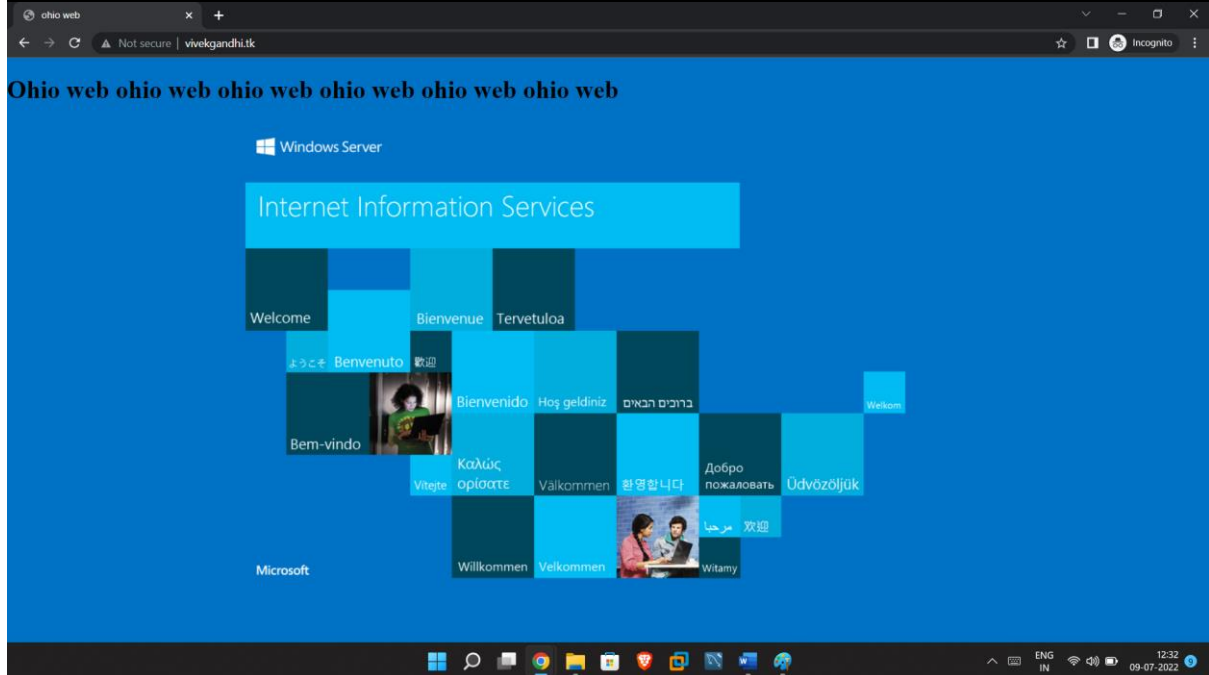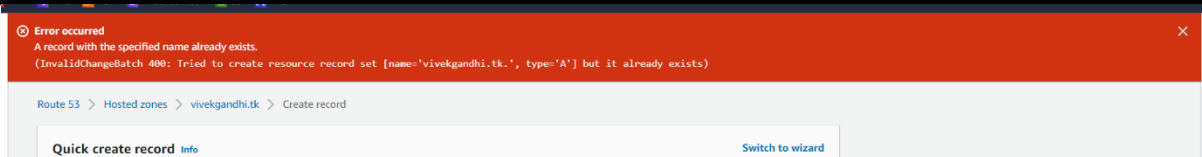☐   Record name   ▽   Type ▽   Routin... ▽   Differ... ▽   Value/Route traffic to   ▽

☐   vivekgandhi.tk   A   Simple   -   18.117.85.125

Route 53

Check simple routing working or not

Same domain name not create in simple routing

Route 53

Create multivalue answer

Create record

Records (2)   DNSSEC signing   Hosted zone tags (0)

Records (2) Info   [⟳]   Delete record   Import zone file   Create record
Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

Enter Ohio IPAND SELECT MULTI

▼ **Record 1**   [Delete]

Record name Info
[subdomain]   vivekgandhi.tk
Keep blank to create a record for the root domain.

Record type Info
[A – Routes traffic to an IPv4 address and some AWS resources ▼]

Value Info ◯ Alias
```
18.117.85.125
```
Enter multiple values on separate lines.

TTL (seconds) Info
[1]
[1m] [1h] [1d]
Recommended values: 60 to 172800 (two days)

Routing policy Info
[Multivalue answer ▼]

Health check ID - *optional* Info
[🔍 Choose health check]

Record ID Info
[1]

[⟳]

CLICK ANOTHER

[🔍 Choose health check]   [US West load balancer]

[⟳]

[Add another record]

Create Mumbai IP

▼ **Record 2**   [Delete]

Record name Info
[subdomain]   vivekgandhi.tk
Keep blank to create a record for the root domain.

Record type Info
[A – Routes traffic to an IPv4 address and some AWS resources ▼]

Value Info ◯ Alias
```
3.110.120.126
```
Enter multiple values on separate lines.

TTL (seconds) Info
[1]
[1m] [1h] [1d]
Recommended values: 60 to 172800 (two days)

Routing policy Info
[Multivalue answer ▼]

Health check ID - *optional* Info
[🔍 Choose health check]

Record ID Info
[2]

Route 53

See successfully

Records (4) 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]

	Record name ▽	Type ▽	Routing policy ▽	Differ... ▽	Value/Route traffic to ▽
☐	vivekgandhi.tk	A	Multivalue answer	-	3.110.120.126
☐	vivekgandhi.tk	A	Multivalue answer	-	18.117.85.125
					ns-1813.awsdns-34.co.uk

CHECK working or not
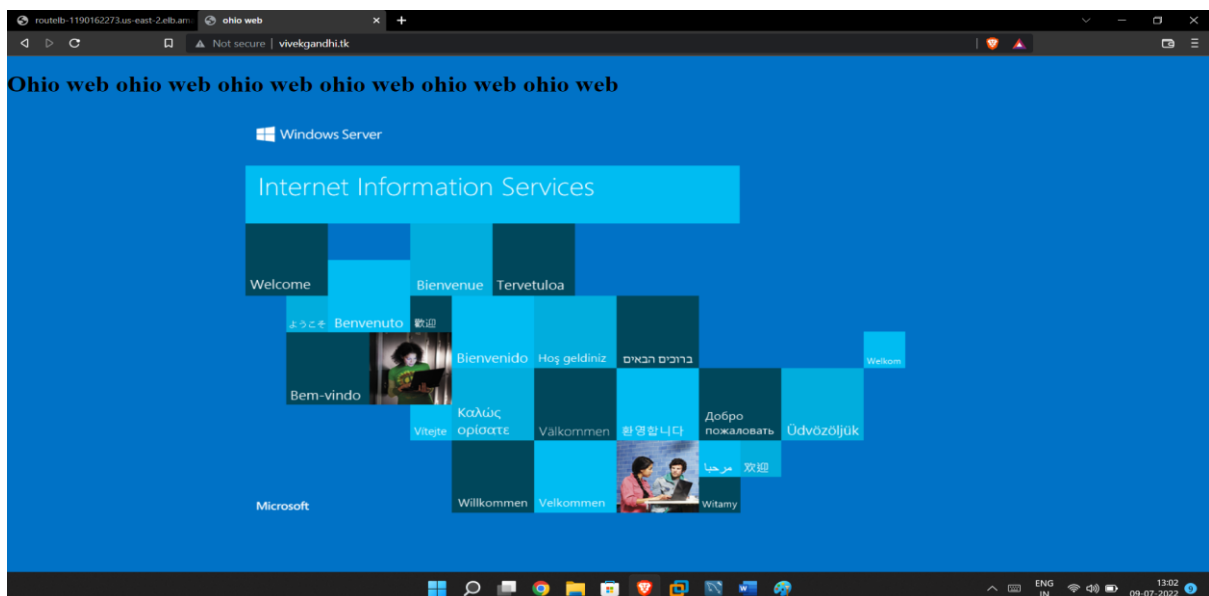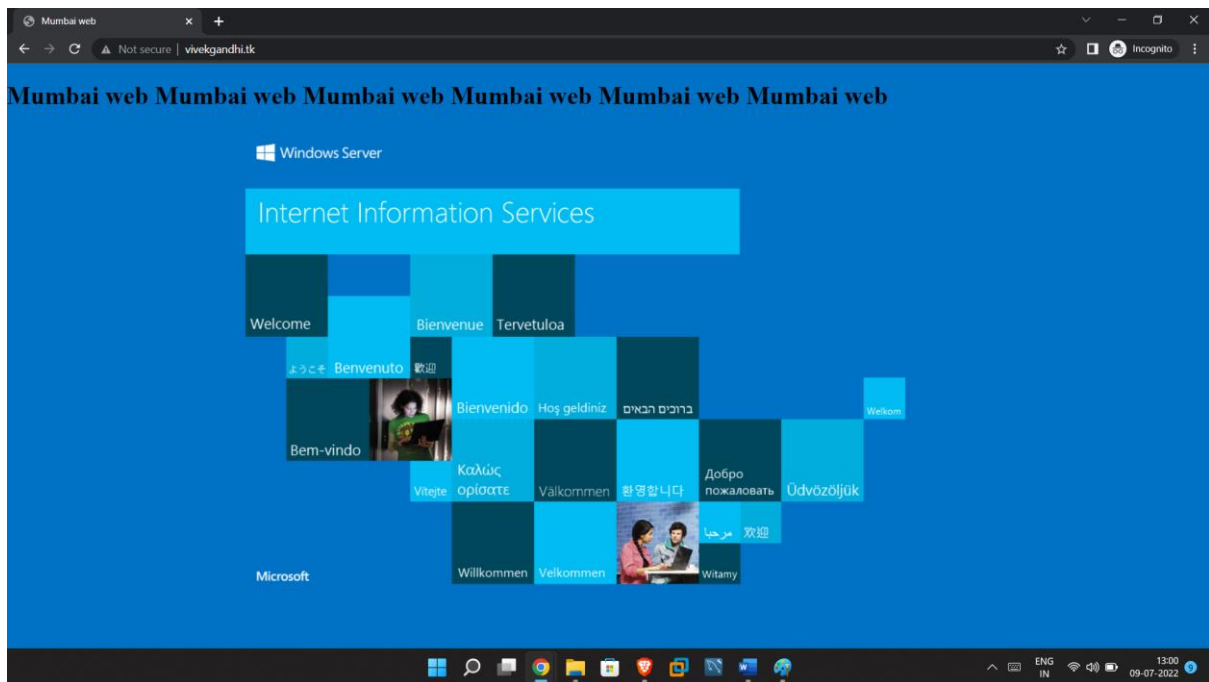
Route 53

Create weight routing

Crete record

Records (2) Info

Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

[C]   [Delete record]   [Import zone file]   [Create record]

Configure ohio and 20 weight select

▼ **Record 1**   [Delete]

Record name | Info
[subdomain]   vivekgandhi.tk
Keep blank to create a record for the root domain.

Record type | Info
A – Routes traffic to an IPv4 address and some AWS resources ▼

Value Info ◯ Alias

18.117.85.125

Enter multiple values on separate lines.

TTL (seconds) | Info
1

[1m] [1h] [1d]
Recommended values: 60 to 172800 (two days)

Routing policy | Info
Weighted ▼

Weight
20
The weight can be a number between 0 and 255. If you specify 0, Route 53 stops responding to DNS queries using this record.

Health check ID - *optional* | Info
[🔍 Choose health check]
[C]

Record ID | Info
1

[Add another record]

▼ **Record 2**   [Delete]

Record name | Info
[subdomain]   vivekgandhi.tk
Keep blank to create a record for the root domain.

Record type | Info
A – Routes traffic to an IPv4 address and some AWS resources ▼

Value Info ◯ Alias

3.110.120.126

Enter multiple values on separate lines.

TTL (seconds) | Info
1

[1m] [1h] [1d]
Recommended values: 60 to 172800 (two days)

Routing policy | Info
Weighted ▼

Weight
100
The weight can be a number between 0 and 255. If you specify 0, Route 53 stops responding to DNS queries using this record.

Health check ID - *optional* | Info
[🔍 Choose health check]
[C]

Record ID | Info
2

[Add another record]

Cancel   [Create records]

Route 53

Configure successfully

Records (4) Info

Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

Q Filter records by property or value				Type ▼	Routing policy ▼	Alias ▼

	Record name ▽	Type ▽	Routing policy ▽	Differ... ▽	Value/Route traffic to	▽
☐	vivekgandhi.tk	A	Weighted	20	18.117.85.125	
☐	vivekgandhi.tk	A	Weighted	100	3.110.120.126	
					ns-1813.awsdns-34.co.uk	

results

Mumbai web Mumbai web Mumbai web Mumbai web Mumbai web Mumbai web

Ohio web ohio web ohio web ohio web ohio web ohio web
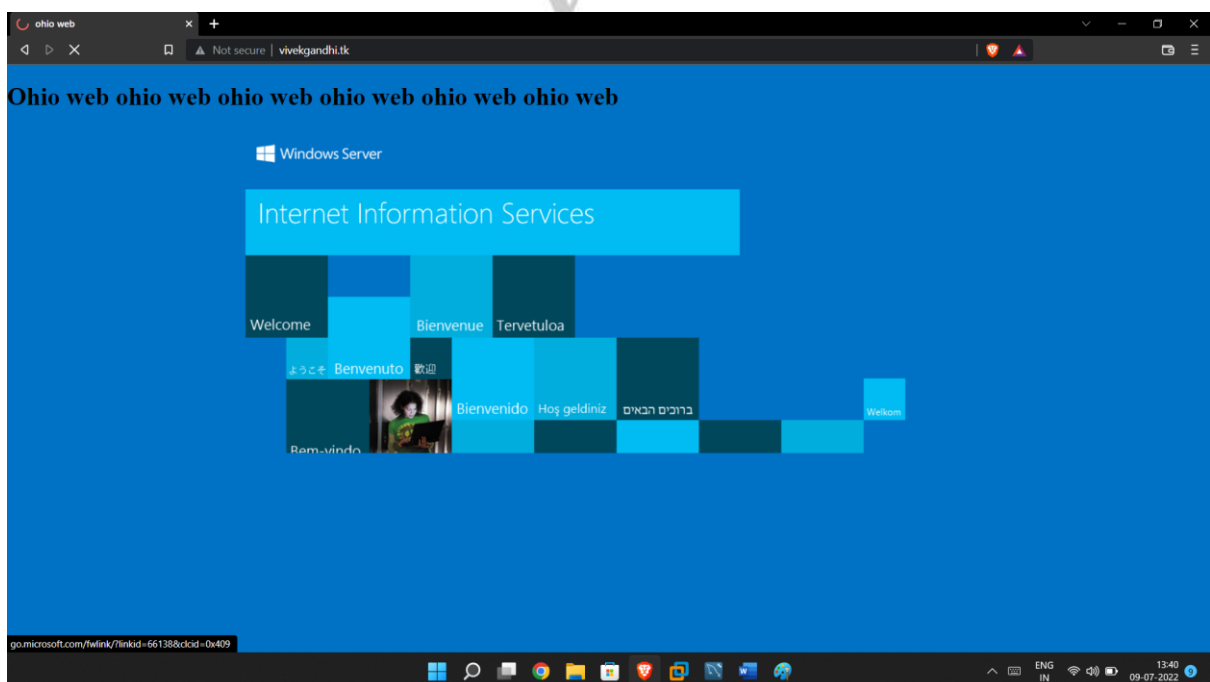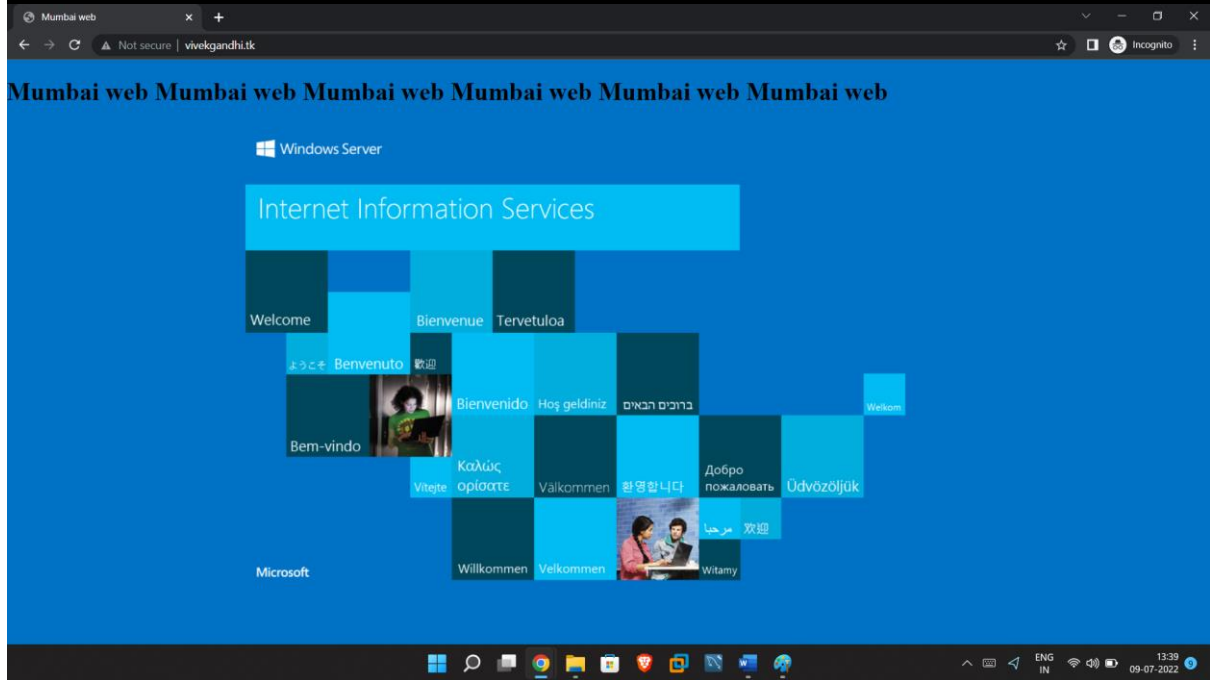
Route 53

Create Geolocation

Ohio creates location UK

▼ **Record 1**   Delete

Record name Info

| *subdomain* | vivekgandhi.tk |

Keep blank to create a record for the root domain.

Record type Info

A – Routes traffic to an IPv4 address and some AWS resources ▼

Value Info ⬤ Alias

18.117.85.125

Enter multiple values on separate lines.

TTL (seconds) Info

1

[1m] [1h] [1d]

Recommended values: 60 to 172800 (two days)

Routing policy Info

Geolocation ▼

Location

United Kingdom ▼

Health check ID - optional Info

🔍 Choose health check

↻

Record ID Info

1

MUMBAI LOCATION INDIA

▼ **Record 2**   Delete

Record name Info

| *subdomain* | vivekgandhi.tk |

Keep blank to create a record for the root domain.

Record type Info

A – Routes traffic to an IPv4 address and some AWS resources ▼

Value Info ⬤ Alias

3.110.120.126

Enter multiple values on separate lines.

TTL (seconds) Info

300

[1m] [1h] [1d]

Recommended values: 60 to 172800 (two days)

Routing policy Info

Geolocation ▼

Location

India ▼

Health check ID - optional Info

🔍 Choose health check

↻

Record ID Info

2

Add another record

Route 53

create

Records (4) Info

Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

Q Filter records by property or value				Type ▼	Routing policy ▼	Alias ▼		‹ 1 › ⚙

☐	Record name ▽	Type ▽	Routing policy	Differ... ▽	Value/Route traffic to	▽
☐	vivekgandhi.tk	A	Geolocation	United K...	18.117.85.125	
☐	vivekgandhi.tk	A	Geolocation	India	3.110.120.126	
					ns-1813.awsdns-34.co.uk.	

Check to India

Mumbai web Mumbai web Mumbai web Mumbai web Mumbai web Mumbai web

Open vpn and select uk

Select Server

Location   Streaming

Auto select

Singapore

United Kingdom
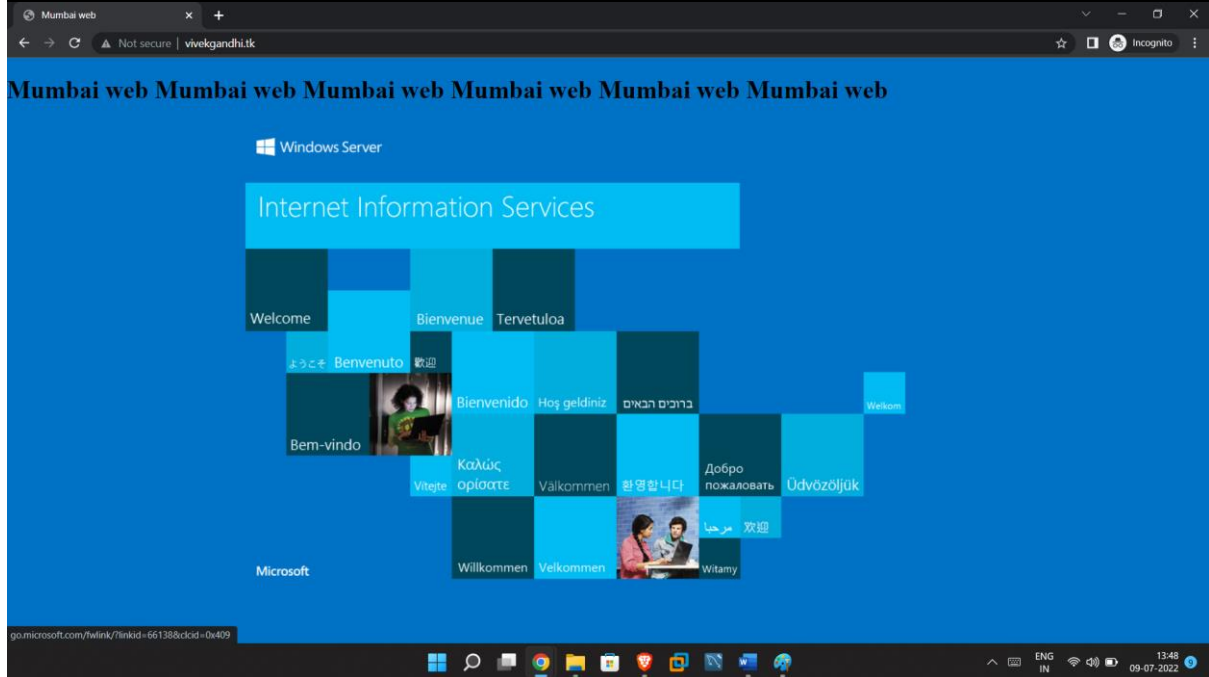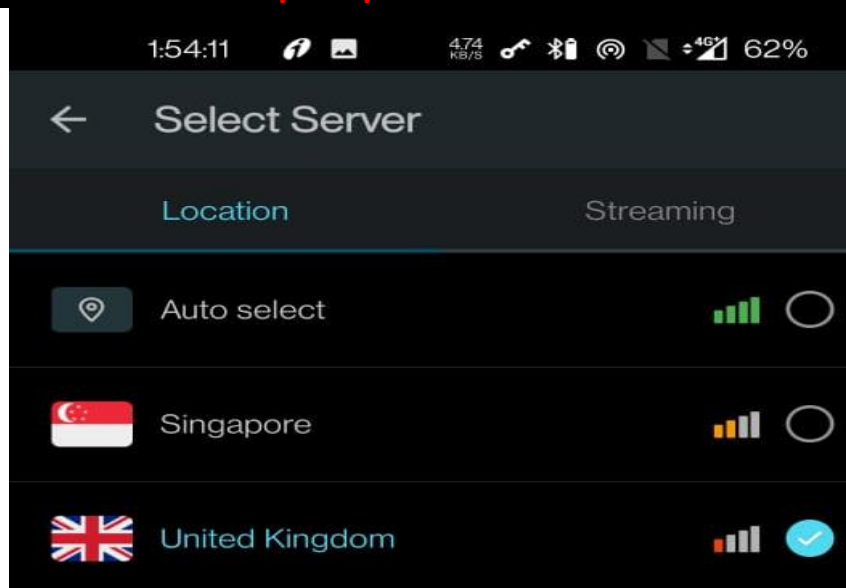
Route 53

Route 53

Create latency routing

Ohio select SINGAPORE

Record name | Info

[subdomain]   vivekgandhi.tk

Keep blank to create a record for the root domain.

Record type | Info

A – Routes traffic to an IPv4 address and some AWS resources ▼

Value | Info ⬤ Alias

```
18.117.85.125
```

Enter multiple values on separate lines.

TTL (seconds) | Info

```
1
```

[1m] [1h] [1d]

Recommended values: 60 to 172800 (two days)

Routing policy | Info

Latency ▼

Region

Asia Pacific (Singapore) ▼

Health check ID - optional | Info

🔍 Choose health check   ↻

Record ID | Info

```
1
```

Cancel   **Save**

Mumbai select Mumbai

▼ Record 2   Delete

Record name | Info

[subdomain]   vivekgandhi.tk

Keep blank to create a record for the root domain.

Record type | Info

A – Routes traffic to an IPv4 address and some AWS resources ▼

Value | Info ⬤ Alias

```
3.110.120.126
```

Enter multiple values on separate lines.

TTL (seconds) | Info

```
1
```

[1m] [1h] [1d]

Recommended values: 60 to 172800 (two days)

Routing policy | Info

Latency ▼

Region

Asia Pacific (Mumbai) ▼

Health check ID - optional | Info

🔍 Choose health check

↻

Record ID | Info

```
2
```

Add another record

Create

Records (4) 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 value   Type ▼ Routing policy ▼ Alias ▼   ‹ 1 › ⚙

	Record name	Type	Routing policy	Differentiator	Value/Route traffic to
☐	vivekgandhi.tk	A	Latency	Asia Pacific (Singapore)	18.117.85.125
☐	vivekgandhi.tk	A	Latency	Asia Pacific (Mumbai)	3.110.120.126
					ns-1813.awsdns-34.co.uk.

Route 53
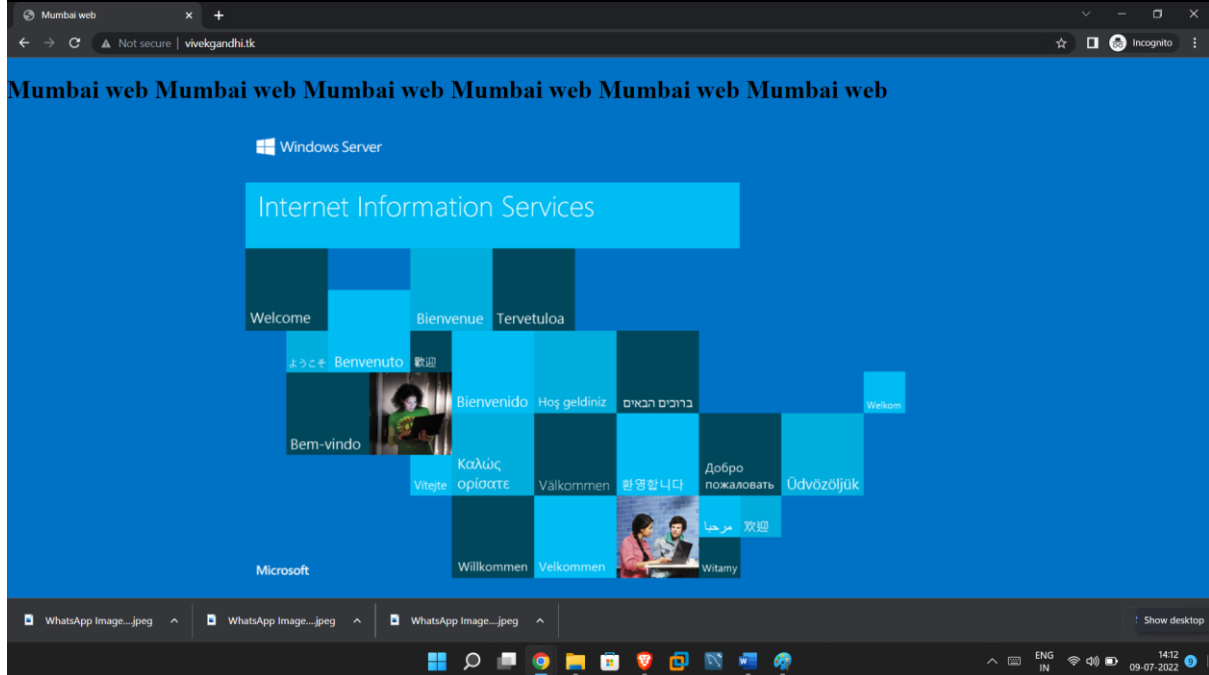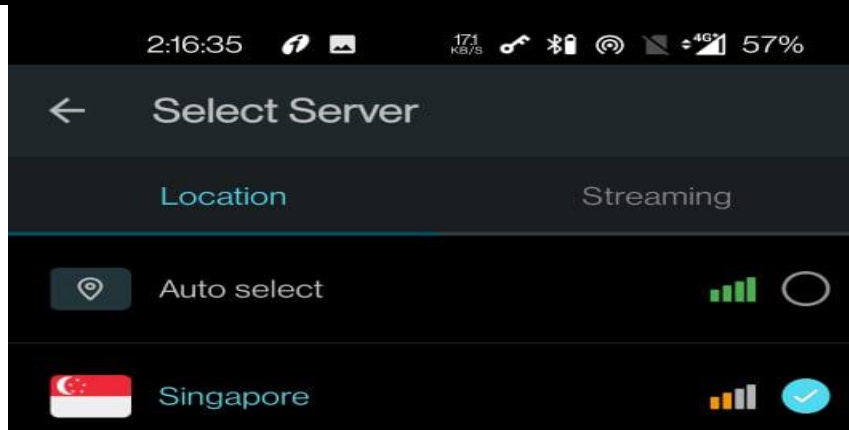
Route 53

Routing with Load Balance

Open AMI

Amazon Machine Images (AMIs) (1) Info

	Name	AMI ID	AMI name				Status	Creation date	Platform	Root devic
☐	vivekAMI	ami-0a2fb8e9197b9b3f7	vivek	6...	6...	P...	⊘ Available ⊕ ⊖	2022/07/09 09:54 GMT+5:30	Windows	ebs

Owned by me ▼   Search

Create one more instance create in same region

Instances (2) Info

	Name	Instance ID	Instance state		Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Publ
☐	Ohio-web	i-0fd94331a5068f99c	⊘ Running ⊕⊖		t2.micro	⊘ 2/2 checks passed	No alarms ➕	us-east-2b	ec2-18-117-85-125.us-...	18.1
☐	AMI-OHIO-WEB	i-08b5df7b72fdc09cf	⊘ Running ⊕⊖		t2.micro	⊘ 2/2 checks passed	No alarms ➕	us-east-2a	ec2-52-14-167-192.us-...	52.1

Create Load Balance

Create Load Balancer   Actions ▾

	Name	DNS name	State	VPC ID	Availability Zones	Type	Created At	N
☑	routelb	routelb-1190162273.us-east-...		vpc-0c930c8f6492bbf6c	us-east-2c, us-east-2b, ...	classic	July 9, 2022 at 12:58:33 PM ...	

Load balancer: routelb

Description | Instances | Health check | Listeners | Monitoring | Tags | Migration

Basic Configuration

Name	routelb	Creation time	July 9, 2022 at 12:58:33 PM UTC+5:30
* DNS name	routelb-1190162273.us-east-2.elb.amazonaws.com (A Record)	Hosted zone	Z3AADJGX6KTTL2
Type	Classic (Migrate Now)	Status	2 of 2 instances in service
Scheme	internet-facing	VPC	vpc-0c930c8f6492bbf6c
Availability Zones	subnet-039d04a563f0ce14c - us-east-2b,		

Check LB working or not through LB DNS
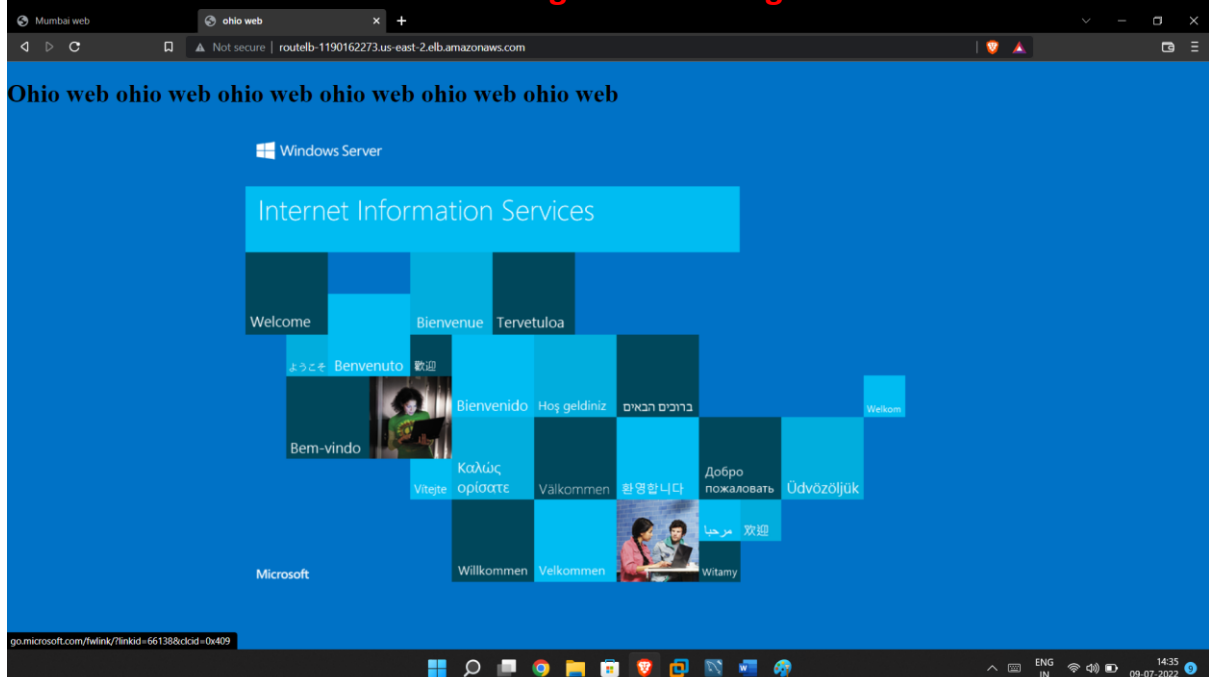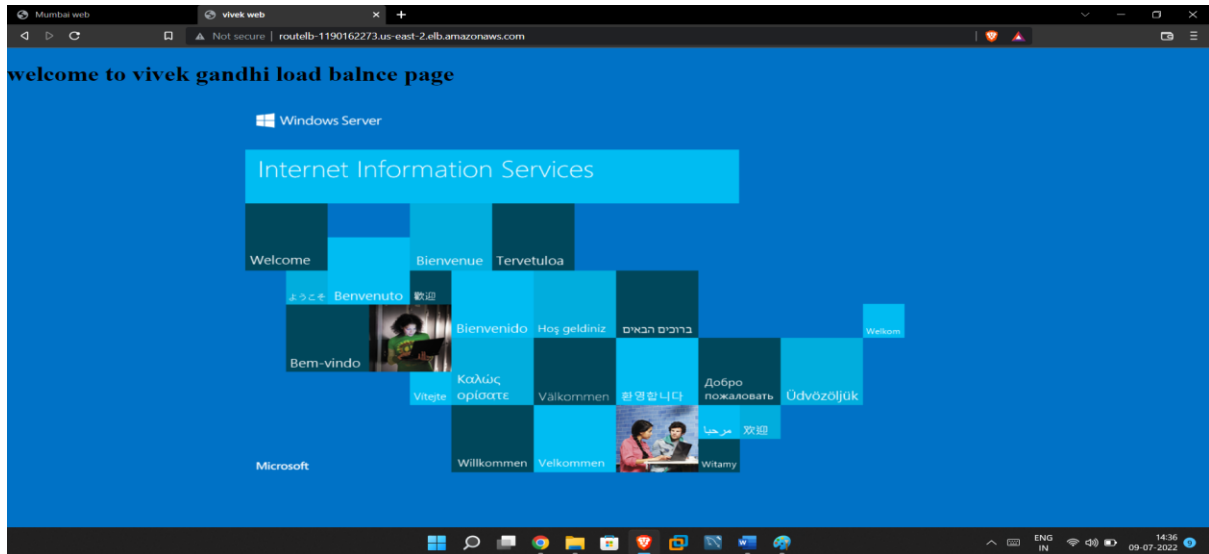
Ohio web ohio web ohio web ohio web ohio web ohio web

Route 53

Create record

Quick create record Info

Switch to wizard

▼ Record 1

Delete

Record name Info

[subdomain] .vivekgandhi.tk

Keep blank to create a record for the root domain.

Record type Info

A – Routes traffic to an IPv4 address and some AWS resources ▼

Route traffic to Info ● Alias

Alias to Application and Classic Load Balancer ▼

US East (Ohio) [us-east-2] ▼

🔍 dualstack.routelb-1190162273.us-east-2.elb.amazonaws.com ✕

Routing policy Info

Simple routing ▼

Evaluate target health

● Yes

Add another record

Cancel   **Create records**

Create successfully

Route 53 > Hosted zones > vivekgandhi.tk

Public vivekgandhi.tk Info

Delete zone   Test record   Configure query logging

▶ Hosted zone details

Edit hosted zone

Records (3)   DNSSEC signing   Hosted zone tags (0)

Records (3) 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 value

Type ▼   Routing policy ▼   Alias ▼   < 1 > ⚙

Record name ▽	Type ▽	Routing policy ▽	Differentiator ▽	Value/Route traffic to ▽
vivekgandhi.tk	A	Simple	-	dualstack.routelb-1190162273.us-east-2.elb.amazonaws.com.
vivekgandhi.tk	NS	Simple	-	ns-1813.awsdns-34.co.uk. ns-683.awsdns-21.net.

Route 53

Check LB working with DNS
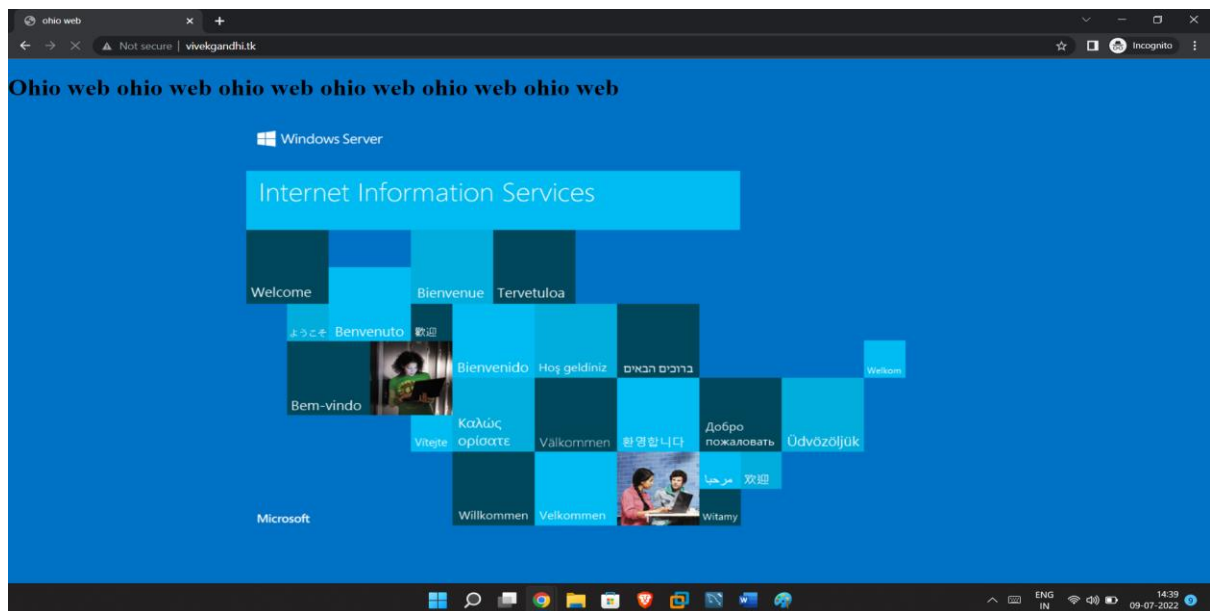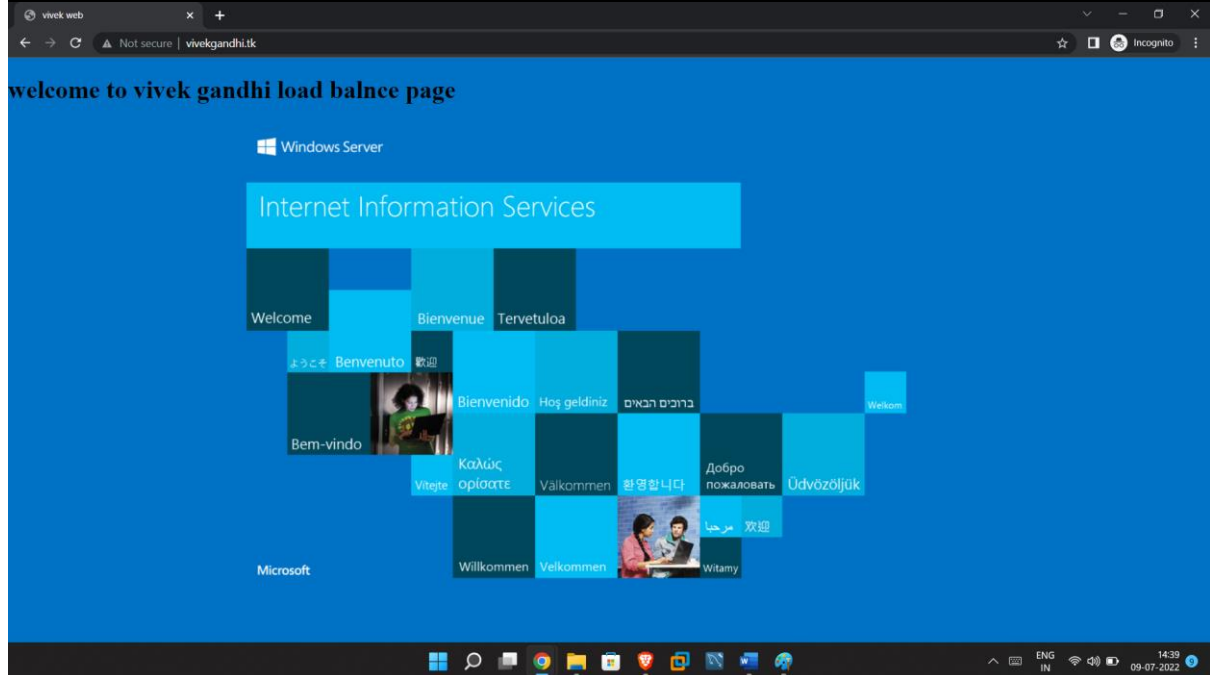
Route 53

Create S3 Static website to route 53

Create s3

⊘ **Successfully created bucket "vivekgandhi.tk"**
To upload files and folders, or to configure additional bucket settings choose **View details**.

View details   ✕

Amazon S3 > Buckets

▸ **Account snapshot**   View Storage Lens dashboard
Storage lens provides visibility into storage usage and activity trends. Learn more ⬚

Buckets (1) Info   ⟳   ⧉ Copy ARN   Empty   Delete   **Create bucket**
Buckets are containers for data stored in S3. Learn more ⬚

🔍 Find buckets by name   ⟨ 1 ⟩   ⚙

	Name ▲	AWS Region ▽	Access ▽	Creation date ▽
○	vivekgandhi.tk	US East (Ohio) us-east-2	Objects can be public	July 9, 2022, 14:54:13 (UTC+05:30)

Create object

vivekgandhi.tk Info
🏷 Publicly accessible

Objects | Properties | Permissions | Metrics | Management | Access Points

Objects (2)
Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory ⬚ to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. Learn more ⬚

⟳   ⧉ Copy S3 URI   ⧉ Copy URL   ⬇ Download   Open ⬚   Delete   Actions ▾   Create folder   ⬆ Upload

🔍 Find objects by prefix   ◯ Show versions   ⟨ 1 ⟩   ⚙

☐	Name ▲	Type ▽	Last modified	Size ▽	Storage class ▽
☐	📄 error.html	html	July 9, 2022, 15:54:44 (UTC+05:30)	21.0 B	Standard
☐	📄 index.html	html	July 9, 2022, 15:54:46 (UTC+05:30)	88.0 B	Standard

All access to ACL

Access control list (ACL)
Grant basic read/write permissions to other AWS accounts. **Learn more** ⬚

Grantee	Objects	Bucket ACL
Bucket owner (your AWS account) Canonical ID: ⧉ a90ff5b0029 79694872614eff5c2c8ff4fbaee 9d0bbcc59e3083488ce2f3be4c	☑ List ☑ Write	☑ Read ☑ Write
Everyone (public access) Group: ⧉ http://acs.amazon aws.com/groups/global/AllUser s	☑ ⚠ List ☐ Write	☑ ⚠ Read ☐ Write
Authenticated users group (anyone with an AWS account) Group: ⧉ http://acs.amazon aws.com/groups/global/Authen ticatedUsers	☑ ⚠ List ☐ Write	☑ ⚠ Read ☐ Write
S3 log delivery group Group: ⧉ http://acs.amazon aws.com/groups/s3/LogDeliver	☑ List ☑ Write	☑ Read ☑ Write

Route 53

Create bucket policy (its optional)

Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. **Learn more** ↗

Edit   Delete

Copy ARN and select policy generator

Edit bucket policy Info

Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. **Learn more** ↗

Policy examples ↗   Policy generator ↗

Bucket ARN

arn:aws:s3:::vivekgandhi.tk

Select S3

For more information about creating policies, see Key concepts in Using AWS Identity and Access Management. Here are sur

Step 1: Select Policy Type

A Policy is a container for permissions. The different types of policies you can create are an IAM Policy, an S3 Bucket Policy, a VPC Endpoint Policy, and an SQS Queue Policy.

Select Type of Policy   SQS Queue Policy ▾

SQS Queue Policy
S3 Bucket Policy
VPC Endpoint Policy
IAM Policy
SNS Topic Policy

Step 2: Add Statement(s)

A statement is the formal description of a single permission. See a description of elements that you can use in statements.

Effect   ● Allow   ○ Deny

CONFIGURE

Step 2: Add Statement(s)

A statement is the formal description of a single permission. See a description of elements that you can use in statements.

Effect   ● Allow   ○ Deny

Principal   `*`

Use a comma to separate multiple values.

AWS Service   Amazon S3 ▾   ☐ All Services ('*')

Use multiple statements to add permissions for more than one service.

Actions   1 Action(s) Selected ▾   ☐ All Actions ('*')

Amazon Resource Name (ARN)

☐ GetMultiRegionAccessPointPolicyStatus
☑ GetObject   {BucketName}/${KeyName}.
☐ GetObjectAcl

PASTE ARN and click add statement

Amazon Resource Name (ARN)   arn:aws:s3:::vivekgandhi.tk

ARN should follow the following format: arn:aws:s3:::${BucketName}/${KeyName}.
Use a comma to separate multiple values.

Add Conditions (Optional)

Add Statement

Route 53

Generate policy

You added the following statements. Click the button below to Generate a policy.

Principal(s)	Effect	Action	Resource	Conditions
• *	Allow	• s3:GetObject	arn:aws:s3:::vivekgandhi.tk	*None*

Step 3: Generate Policy

A *policy* is a document (written in the Access Policy Language) that acts as a container for one or more statements.

[Generate Policy]   **Start Over**

Copy policy

Policy JSON Document   ✖

Click below to edit. To save the policy, copy the text below to a text editor.
Changes made below will **not be reflected in the policy generator tool.**

```
{
    "Id": "Policy1657363354155",
    "Version": "2012-10-17",
    "Statement": [
        {
            "Sid": "Stmt1657363309868",
            "Action": [
                "s3:GetObject"
            ],
            "Effect": "Allow",
            "Resource": "arn:aws:s3:::vivekgandhi.tk",
            "Principal": "*"
        }
    ]
}
```

This AWS Policy Generator is provided for informational purposes only, you are still responsible for your use of Amazon Web Services technologies and ensuring

[Close]

Paste and save

⊘ Successfully edited bucket policy.   ✕

Bucket policy   [Edit] [Delete]

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. Learn more 🗗

[🗐 Copy]

```
{
    "Version": "2012-10-17",
    "Id": "Policy1657361283933",
    "Statement": [
        {
            "Sid": "Stmt1657361280436",
            "Effect": "Allow",
            "Principal": "*",
            "Action": "s3:GetObject",
            "Resource": "arn:aws:s3:::vivekgandhi.tk/*"
        }
    ]
}
```

Enable static website hosting

Static website hosting   [Edit]

Use this bucket to host a website or redirect requests. Learn more 🗗

Static website hosting
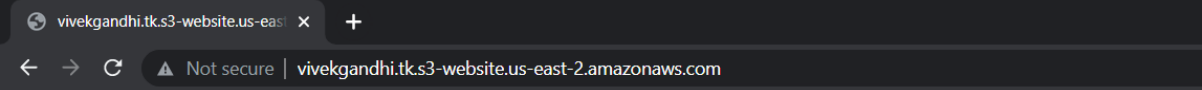Enabled

Hosting type
Bucket hosting

Bucket website endpoint
When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. Learn more 🗗

🗐 http://vivekgandhi.tk.s3-website.us-east-2.amazonaws.com 🗗

Route 53

Copy DNS check

| vivekgandhi.tk.s3-website.us-eas | + |

← → C ⚠ Not secure | vivekgandhi.tk.s3-website.us-east-2.amazonaws.com

welcome my static web page for demo S3 STATIC WEB PAGE ACCESS THROUGH ROUT53 DNS SERVER

Create record

▼ Record 1   Delete

Record name   Info   Record type   Info

[subdomain]   vivekgandhi.tk   [A – Routes traffic to an IPv4 address and some AWS resources   ▼]

Keep blank to create a record for the root domain.

Route traffic to   Info   🔵 Alias

[Alias to S3 website endpoint   ▼]

[US East (Ohio) [us-east-2]   ▼]

[🔍 s3-website.us-east-2.amazonaws.com   ✕]

Routing policy   Info   Evaluate target health

[Simple routing   ▼]   🔵 Yes

                                                                        [Add another record]

                                                    Cancel   [Create records]

Create

Route 53 > Hosted zones > vivekgandhi.tk

🔵 Public vivekgandhi.tk Info   [Delete zone] [Test record] [Configure query logging]

▶ Hosted zone details   [Edit hosted zone]

Records (3) | DNSSEC signing | Hosted zone tags (0)

Records (3) Info   🔄   [Delete record] [Import zone file] [Create record]

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 ▼]   ‹ 1 › ⚙

☐	Record name ▽	Type ▽	Routing policy ▽	Differentiator ▽	Value/Route traffic to ▽
☐	vivekgandhi.tk	A	Simple	-	s3-website.us-east-2.amazonaws.com.
					ns-1813.awsdns-34.co.uk

Check working or not?

| 🌐 vivekgandhi.tk.s3-website.us-eas ✕ | 🌐 vivekgandhi.tk ✕ | + |

← → C ⚠ Not secure | vivekgandhi.tk
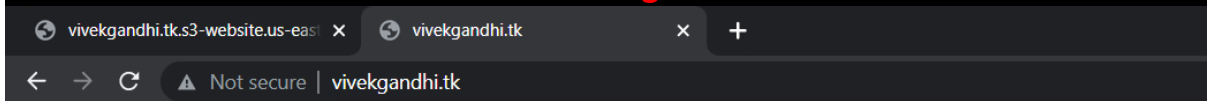
welcome my static web page for demo S3 STATIC WEB PAGE ACCESS THROUGH ROUT53 DNS SERVER

Route 53

Create failover routing

Create health check in primary instance

Welcome to Route 53 health checks

Route 53 health checks monitor the health and performance of your application's servers, or endpoints, from a network of health checkers in locations around the world. You can specify either a domain name or an IP address and a port to create HTTP, HTTPS, and TCP health checks that check the health of the endpoint. To get started, click **Create health check**.

Create health check

Enter name

Configure health check ❓

Route 53 health checks let you track the health status of your resources, such as web servers or mail servers, and take action when an outage occurs.

Name	vivekgandhi ℹ️
What to monitor	⦿ Endpoint ℹ️
	◯ Status of other health checks (calculated health check)
	◯ State of CloudWatch alarm

Configure and next

Monitor an endpoint

Multiple Route 53 health checkers will try to establish a TCP connection with the following resource to determine whether it's healthy.
Learn more

Specify endpoint by	⦿ IP address ◯ Domain name
Protocol	HTTP ℹ️
IP address *	18.117.85.125 ℹ️
Host name	www.example.com ℹ️
Port *	80 ℹ️
Path	/ images ℹ️

▸ Advanced configuration

URL	http://18.117.85.125:80/ ℹ️
Health check type	Basic - no additional options selected (View Pricing)

* Required   Cancel   **Next**

If yes, your required notification

Get notified when health check fails ❓

If you want CloudWatch to send you an Amazon SNS notification, such as an email, when the status of the health check changes to unhealthy, create an alarm and specify where to send notifications.

Create alarm ◯ Yes ⦿ No ℹ️

* Required   Cancel   Previous   **Create health check**

Route 53

Create successfully

✅ Health check with id 6c34bb6a-b48e-4548-a3e2-8bd5819f6628 has been created successfully   ✕

| Create health check | Delete health check | Edit health check | | | | ⟳ ❓ |

| ▼ Filter by keyword | | | | | ≪ ⟨ 1 to 1 of 1 health check ⟩ ≫ |

	Name	Status	Description	Alarms	ID	
☑	vivekgandhi	15 minutes ago ▬▬▬ now Healthy	http://18.117.85.125:80/	No alarms configured.	6c34bb6a-b48e-4548-a3e2-8bd5819f6628	

See all ping going

✅ Health check with id 6c34bb6a-b48e-4548-a3e2-8bd5819f6628 has been created successfully

| Create health check | Delete health check | Edit health check | | | | ⟳ ❓ |

| ▼ Filter by keyword | | | | | ≪ ⟨ 1 to 1 of 1 health check ⟩ ≫ |

	Name	Status	Description	Alarms	ID	
☑	vivekgandhi	15 minutes ago ▬▬▬ now Healthy	http://18.117.85.125:80/	No alarms configured.	6c34bb6a-b48e-4548-a3e2-8bd5819f6628	

| Info | Monitoring | Alarms | Tags | **Health checkers** | Latency | |

🔵 View current status   ⚪ View last failed check   ⟳ Refresh

Health checker region	▲	Health checker IP	Last checked	Status	
Asia Pacific (Tokyo)		15.177.42.118	Jul 9, 2022 11:26:39 AM UTC	Success: HTTP Status Code 200, OK	
Asia Pacific (Tokyo)		15.177.46.118	Jul 9, 2022 11:26:40 AM UTC	Success: HTTP Status Code 200, OK	
Asia Pacific (Singapore)		15.177.50.120	Jul 9, 2022 11:26:42 AM UTC	Success: HTTP Status Code 200, OK	
Asia Pacific (Singapore)		15.177.54.118	Jul 9, 2022 11:26:42 AM UTC	Success: HTTP Status Code 200, OK	
Asia Pacific (Sydney)		15.177.58.118	Jul 9, 2022 11:26:40 AM UTC	Success: HTTP Status Code 200, OK	

Primary ohio and failover

▼ **Record 1**   Delete

Record name   Info   **Record type**   Info

[subdomain]   vivekgandhi.tk   [A – Routes traffic to an IPv4 address and some AWS resources ▼]
Keep blank to create a record for the root domain.

Value   Info   ⬤ Alias

```
18.117.85.125
```
Enter multiple values on separate lines.

TTL (seconds)   Info   **Routing policy**   Info

[1]   [Failover   ▼]

[1m] [1h] [1d]
Recommended values: 60 to 172800 (two days)

Failover record type   **Health check ID**   Info

[Primary   ▼]   [🔍 6c34bb6a-b48e-4548-a3e2-8bd5819f6628   ✕]

                                                     [⟳]

Record ID   Info

[1]

                                                                      Add another record

Route 53

Secondary Mumbai

▼ **Record 2**   [Delete]

Record name Info   **Record type** Info

[subdomain] vivekgandhi.tk   [A – Routes traffic to an IPv4 address and some AWS resources ▼]

Keep blank to create a record for the root domain.

Value Info ⬤ Alias

```
3.110.120.126
```

Enter multiple values on separate lines.

TTL (seconds) Info   **Routing policy** Info

[1]   [Failover ▼]

[1m] [1h] [1d]

Recommended values: 60 to 172800 (two days)

Failover record type   **Health check ID** - *optional* Info

[Secondary ▼]   [🔍 Choose health check]

                                                         [⟳]

Record ID Info

[2]

                                                         [Add another record]

                                    Cancel   [Create records]

Create

Public **vivekgandhi.tk** Info   [Delete zone] [Test record] [Configure query logging]

▶ Hosted zone details   [Edit hosted zone]

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

Records (4) Info   [⟳] [Delete record] [Import zone file] [Create record]
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 ▼]   ‹ 1 › ⚙

☐	Record name ▼	Type ▼	Routing policy ▼	Differentiator ▼	Value/Route traffic to ▼
☐	vivekgandhi.tk	A	Failover	Primary	18.117.85.125
☐	vivekgandhi.tk	A	Failover	Secondary	3.110.120.126
					ns-1813.awsdns-34.co.uk

Check to browse

| 🌐 ohio web   × + |

← → C ⚠ Not secure | vivekgandhi.tk   ☆ 🔲 😊 Incognito ⋮

Ohio web ohio web ohio web ohio web ohio web ohio web

Windows Server

Internet Information Services

Welcome   Bienvenue Tervetuloa

ようこそ Benvenuto 歓迎

Bienvenido Hoş geldiniz ברוכים הבאים Welkom

Bem-vindo Καλώς Välkommen 환영합니다 Добро Üdvözöljük
         ορίσατε   пожаловать
Viteite

Microsoft   Willkommen Velkommen Witamy

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                                            IN   09-07-2022

Route 53

Ohio instance terminated

Instances (1/2) Info

Q Search

[Instance state ▲] [Actions ▼] [Launch instances] [▼]

Stop instance
Start instance
Reboot instance
Hibernate instance
Terminate instance

	Name	Instance ID	Instance state	Instance type	Status check		Zone	Public IPv4 DNS	Pu
☑	Ohio-web	i-0fd94331a5068f99c	⊘ Running ⊕⊖	t2.micro	⊘ 2/2 checks passed	No		ec2-18-117-85-125.us-...	18.
☐	AMI-OHIO-WEB	i-08b5df7b72fdc09cf	⊖ Terminated ⊕⊖	t2.micro	–	No		–	–

See status unhealthy and connection failure

[Create health check] [Delete health check] [Edit health check]

▼ Filter by keyword

1 to 1 of 1 health check

	Name	Status	Description	Alarms	ID
☑	vivekgandhi	30 minutes ago ─ now Unhealthy	http://18.117.85.125:80/	No alarms configured.	6c34bb6a-b48e-4548-a3e2-8bd5819f6628

Info | Monitoring | Alarms | Tags | **Health checkers** | Latency

● View current status   ○ View last failed check   🔄 Refresh

Health checker region ▲	Health checker IP	Last checked	Status
Asia Pacific (Tokyo)	15.177.42.118	Jul 9, 2022 11:44:13 AM UTC	Failure: Connection timed out. The endpoint or the internet connecti...
Asia Pacific (Tokyo)	15.177.46.118	Jul 9, 2022 11:44:14 AM UTC	Failure: Connection timed out. The endpoint or the internet connecti...
Asia Pacific (Singapore)	15.177.50.120	Jul 9, 2022 11:44:19 AM UTC	Failure: Connection timed out. The endpoint or the internet connecti...
Asia Pacific (Singapore)	15.177.54.118	Jul 9, 2022 11:44:20 AM UTC	Failure: Connection timed out. The endpoint or the internet connecti...

See failover Ohio to Mumbai