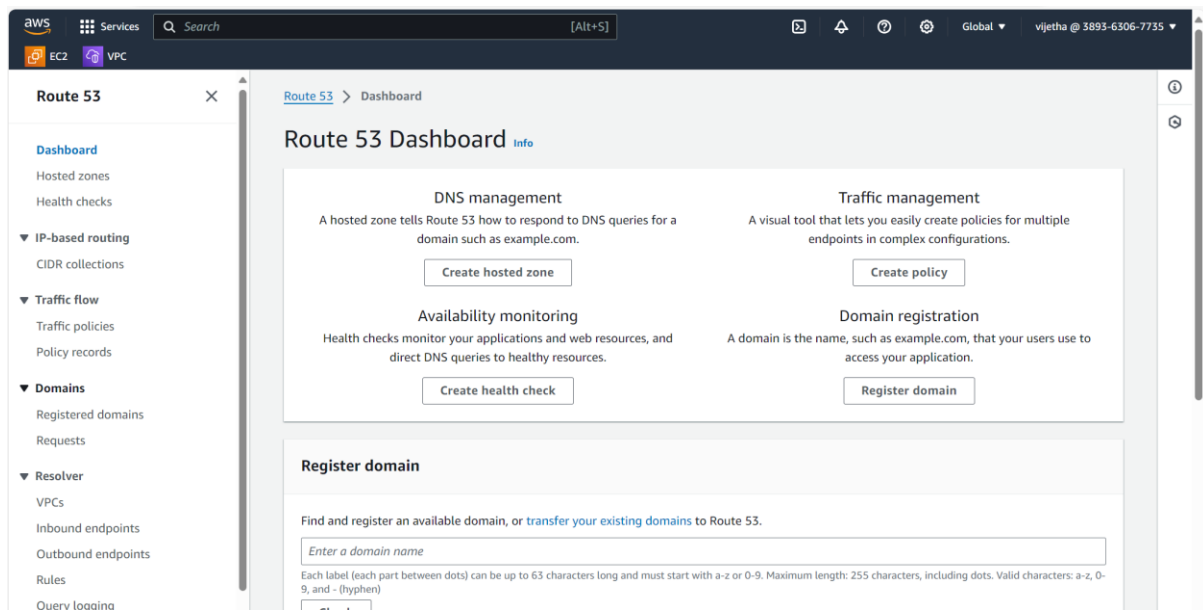


Step 1:



The screenshot shows the AWS Route 53 Dashboard. The top navigation bar includes the AWS logo, a search bar, and user information. The left sidebar lists various services and the Route 53 navigation menu. The main content area is titled 'Route 53 Dashboard' and features four primary action cards: 'DNS management' (with a 'Create hosted zone' button), 'Traffic management' (with a 'Create policy' button), 'Availability monitoring' (with a 'Create health check' button), and 'Domain registration' (with a 'Register domain' button). Below these cards is a 'Register domain' section with a text input field for a domain name and a brief explanation of domain labeling rules.

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

Find and register an available domain, or [transfer your existing domains](#) to Route 53.

Each label (each part between dots) can be up to 63 characters long and must start with a-z or 0-9. Maximum length: 255 characters, including dots. Valid characters: a-z, 0-9, and - (hyphen)

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 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. 0/256

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.

Create

Step 2:

aws Services Search [Alt+S] Global vijetha @ 3893-6306-7735

EC2 VPC

Route 53

- Dashboard
- 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

vjta.xyz was successfully created.
Now you can create records in the hosted zone to specify how you want Route 53 to route traffic for your domain.

Hosted zone details Edit hosted zone

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

Records (2) Info

Refresh 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 > ⚙

<input type="checkbox"/>	Record ...	Type	Routin...	Differ...	Alias
<input type="checkbox"/>	vjta.xyz	NS	Simple	-	No
<input type="checkbox"/>	vjta.xyz	SOA	Simple	-	No

GODADDY page:

See what's new | Help Center | VA |

Domain Portfolio

Search or copy/paste domains

Folders Profiles Columns

Type Auto-renew Lock Domain Privacy Extensions Expiration Nameservers More

1 domain

<input checked="" type="checkbox"/>	Domain Name ↑	Expiration ↓	Auto-renew ↓	Estimated Value ↓	Domain Privac < >
<input type="checkbox"/>	vjta.xyz	6 Dec 2024	Off	Less than \$100	On

Domains

Portfolio

DNS

Transfers

Services

Tools NEW

Settings

Help Center

VA

DNS Management

vjta.xyz

Domain Settings

Select a different domain

DNS Records

Forwarding

Nameservers

Premium DNS

Hostnames

DS Records

DNS records define how your domain behaves, like showing your website content and delivering your email.

Add New Record

Filters

Actions

DNS Management

vjta.xyz

Domain Settings

Select a different domain

DNS Records

Forwarding

Nameservers

Premium DNS

Hostnames

DS Records

Nameservers determine where your DNS is hosted and where you add, edit or delete your DNS records.

Using custom nameservers

Change Nameservers

✔ **vjta.xyz** was successfully created.
Now you can create records in the hosted zone to specify how you want Route 53 to route traffic for your domain.

► Hosted zone details

Edit hosted zone

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.](#)

🔍 Filter records by property or value

Type ▼

Routing policy ▼

Alias ▼

< 1 > ⚙

▼	Differ... ▼	Alias ▼	Value/Route traffic to ▼	TTL (s... ▼
-		No	ns-183.awsdns-22.com. ns-1367.awsdns-42.org. ns-674.awsdns-20.net. ns-1669.awsdns-16.co.uk.	172800
-		No	ns-183.awsdns-22.com. awsd...	900

[See what's new](#) | [Help Center](#)

✔ **Success**
Your request is in progress

< [Domain Portfolio](#)

vjta.xyz

Overview

DNS

Products

DNS Records

Forwarding

Nameservers

Premium DNS

Hostnames

DS Records

Nameservers determine where your DNS is hosted and where you add, edit or delete your DNS records.

Using custom nameservers

Change Nameservers

Nameservers ⓘ

ns-407.awsdns-50.com

ns-811.awsdns-37.net

ns-2045.awsdns-63.co.uk

ns-1380.awsdns-44.org

×

Edit nameservers

Choose nameservers for `vjta.xyz`

☐ GoDaddy Nameservers (recommended)

☒ I'll use my own nameservers

🗑

🗑

🗑

🗑

+

[Add Nameserver](#)

Save

Cancel

Step 4:

EC2 Dashboard ×
EC2 Global View
Events
▼ Instances
 Instances
 Instance Types
 Launch Templates
 Get Results

Instances Info

🔄 Connect Instance state ▼ Actions ▼ Launch instances ▼

Any state ▼ < 1 > ⚙

☐	Name ↗	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	Availability Zone
No instances You do not have any instances in this region <div>Launch instances</div>							

Launch an instance [Info](#)

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

Name and tags [Info](#)

Name

test-ec2-route53-demo

[Add additional tags](#)

▼ Application and OS Images (Amazon Machine Image) [Info](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

Search our full catalog including 1000s of application and OS images

Recents

Quick Start

Amazon
Linux



macOS



Ubuntu



Windows



Red Hat



SUSE Li



[Browse more AMIs](#)

Including AMIs from
AWS, Marketplace and

Architecture

64-bit (x86)

AMI ID

ami-05fb0b8c1424f266b

Verified provider

▼ Instance type [Info](#) | [Get advice](#)

Instance type

t2.micro

Free tier eligible

Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand Linux base pricing: 0.0116 USD per Hour
On-Demand SUSE base pricing: 0.0116 USD per Hour
On-Demand Windows base pricing: 0.0162 USD per Hour
On-Demand RHEL base pricing: 0.0716 USD per Hour

☐ All generations

[Compare instance types](#)

[Additional costs apply for AMIs with pre-installed software](#)

▼ Key pair (login) [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

route-key

[Create new key pair](#)

VPC - requiredInfo

vpc-01114ddb3d57446d172.31.0.0/16

(default)

SubnetInfo

subnet-0ae2bcaefd2e0f1e7my-public-subnet-route-demo

VPC: vpc-01114ddb3d57446dOwner: 389363067735

Availability Zone: us-east-2aIP addresses available: 251CIDR: 172.31.1.0/24

Crea

Auto-assign public IPInfo

Enable

Firewall (security groups)Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic instance.

Create security group

Select existing security group

Security group name - required

launch-wizard-1

This security group will be added to all network interfaces. The name can't be edited after the security group is cre
255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and _-:/()#,@[]+=&:{}!\$*

Description - requiredInfo

launch-wizard-1 created 2024-02-26T11:28:30.734Z

Inbound Security Group Rules

▼ Security group rule 1 (TCP, 22, 0.0.0.0/0)

TypeInfo	ProtocolInfo	Port rangeInfo
ssh	TCP	22

TypeInfo

ssh

ProtocolInfo

TCP

Port rangeInfo

22

Source typeInfo

Anywhere

SourceInfo

Q Add CIDR, prefix list or security

0.0.0.0/0X

Description - optionalInfo

e.g. SSH for admin desktop

▼ Security group rule 2 (TCP, 80, 0.0.0.0/0)

Remove

TypeInfo

HTTP

ProtocolInfo

TCP

Port rangeInfo

80

Source typeInfo

Anywhere

SourceInfo

Q Add CIDR, prefix list or security

0.0.0.0/0X

Description - optionalInfo

e.g. SSH for admin desktop

▼ Security group rule 3 (TCP, 443, 0.0.0.0/0)

Remove

TypeInfo

HTTPS

ProtocolInfo

TCP

Port rangeInfo

443

Source typeInfo

Anywhere

SourceInfo

Q Add CIDR, prefix list or security

0.0.0.0/0X

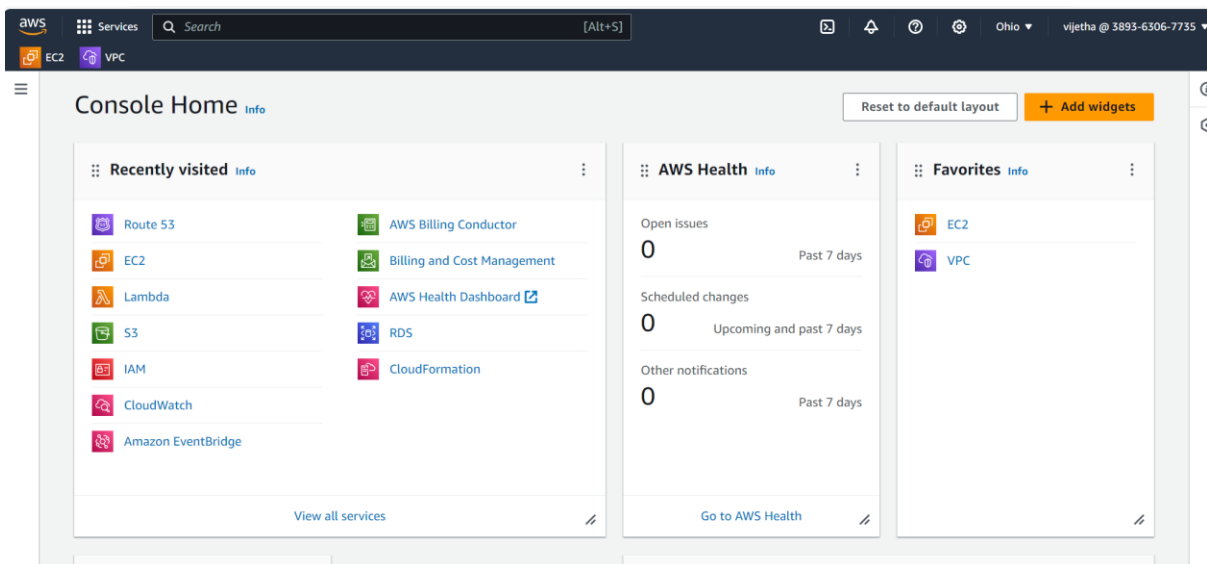
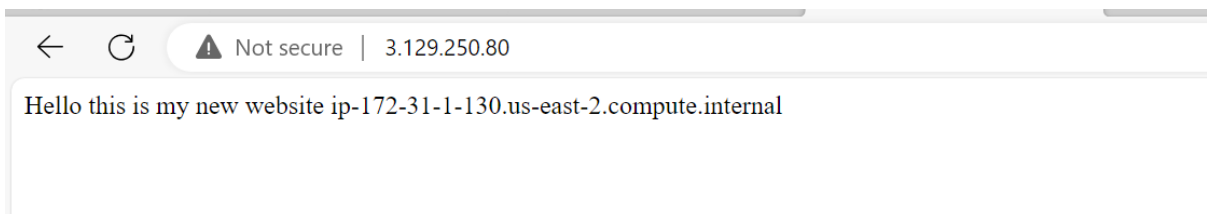
Description - optionalInfo

e.g. SSH for admin desktop

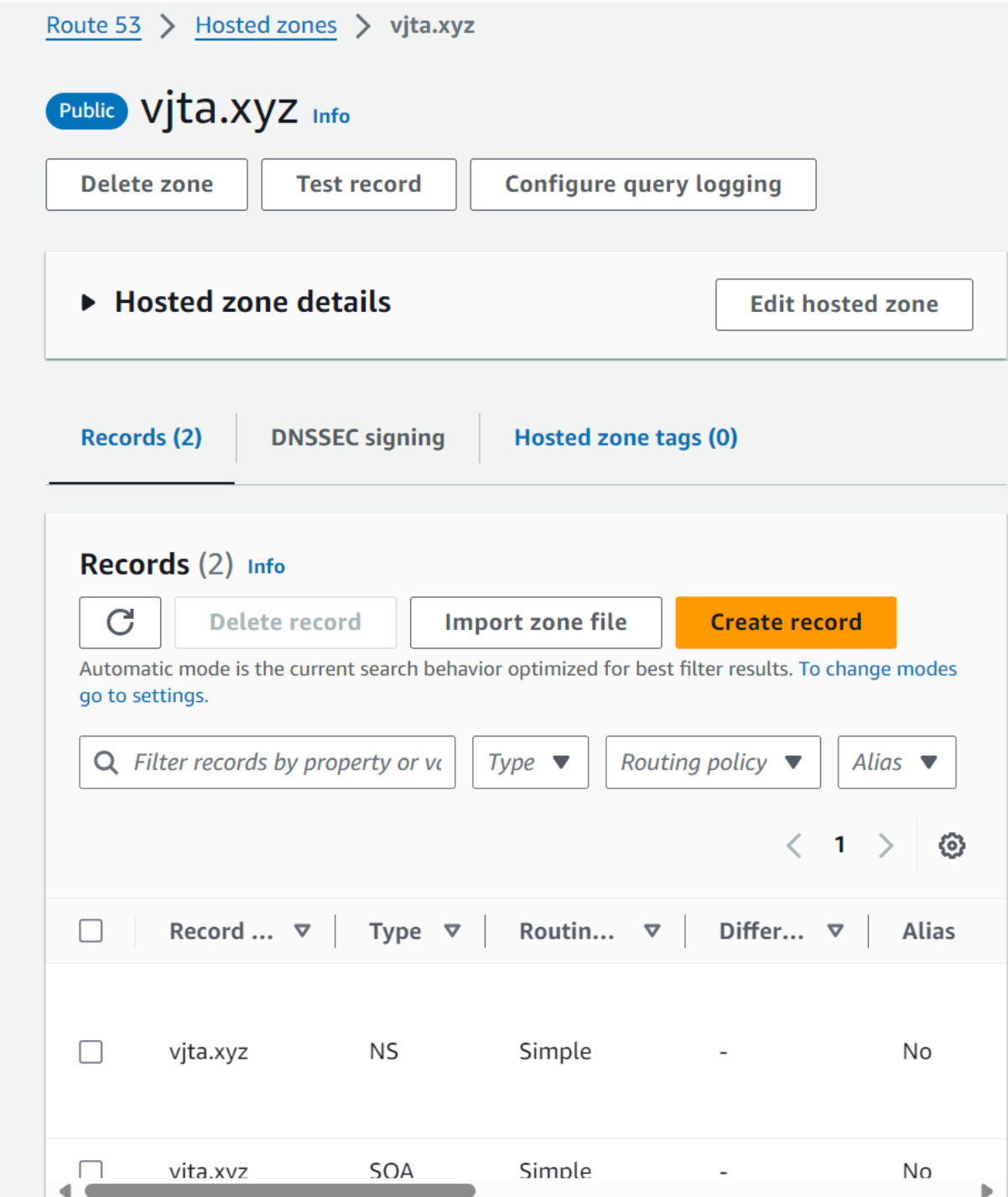
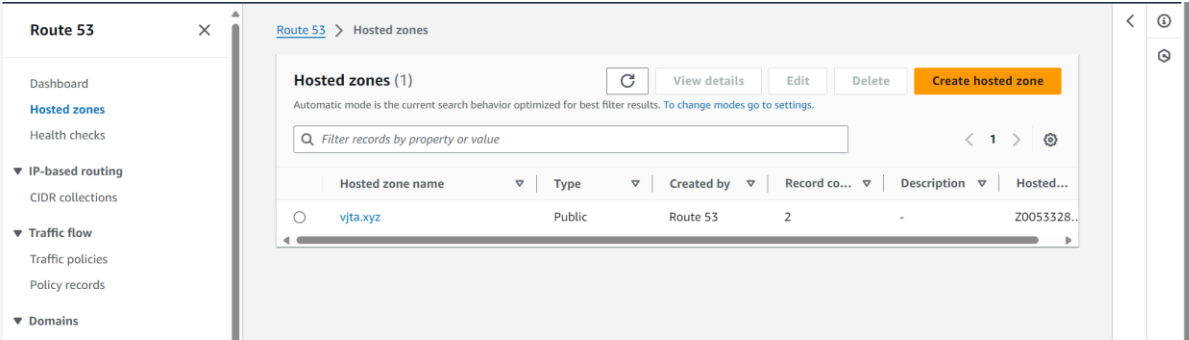
```
#!/bin/bash
sudo apt update
sudo apt install apache2 -y
```



```
aws
Services Search [Alt+S]
EC2 VPC
System information as of Mon Feb 26 11:44:11 UTC 2024
System load: 0.16845703125 Processes: 107
Usage of /: 23.5% of 7.57GB Users logged in: 0
Memory usage: 23% IPv4 address for eth0: 172.31.1.130
Swap usage: 0%
Expanded Security Maintenance for Applications is not enabled.
80 updates can be applied immediately.
43 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
ubuntu@ip-172-31-1-130:~$
ubuntu@ip-172-31-1-130:~$ pwd
/home/ubuntu
ubuntu@ip-172-31-1-130:~$ sudo su
root@ip-172-31-1-130:/home/ubuntu# echo "Hello this is my new website $(hostname -f)" >/var/www/html/index.html
root@ip-172-31-1-130:/home/ubuntu#
```



Goto route53



Create Record

Route 53 > Hosted zones > vjta.xyz > Create record






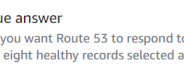
Step 1
Choose routing policy

Step 2
Configure records

Choose routing policy [Info](#)

The routing policy determines how Amazon Route 53 responds to queries.

Routing policy [Switch to quick create](#)

- ☒ **Simple routing**
Use if you want all of your clients to receive the same response(s).

- ☐ **Weighted**
Use when you have multiple resources that do the same job, and you want to specify the proportion of traffic that goes to each resource. For example: two or more EC2 instances.

- ☐ **Geolocation**
Use when you want to route traffic based on the location of your users.

- ☐ **Latency**
Use when you have resources in multiple AWS Regions and you want to route traffic to the Region that provides the best latency.

- ☐ **Failover**
Use to route traffic to a resource when the resource is healthy, or to a different resource when the first resource is unhealthy.

- ☐ **Multivalue answer**
Use when you want Route 53 to respond to DNS queries with up to eight healthy records selected at random.


Route 53 > Hosted zones > vjta.xyz > Create record

Step 1
[Choose routing policy](#)

Step 2
Configure records

Configure records [Info](#)

You can create multiple records at a time that have the same routing policy.

Simple routing records to add to vjta.xyz [Info](#)

[Edit](#) [Delete](#) [Define simple record](#)

Use if you want all of your clients to receive the same response(s).

Record name	Type	Value/Route traffic to	TTL (seconds)
Define simple records to this list, then choose Create records .			
Define simple record			

EC2 > Instances > i-0766622a1390bf095

Instance summary for i-0766622a1390bf095 (test-ec2-route53-demo) [Info](#)

[Refresh](#) [Connect](#) [Instance state](#) [Actions](#)

Updated less than a minute ago

✔ Public IPv4 address copied

Instance ID
i-0766622a1390bf095 (test-ec2-route53-demo)

Public IPv4 addresses
3.129.250.80 [open address](#)

Private IPv4 addresses
172.31.1.130

Define simple record



Record name [Info](#)

To route traffic to a subdomain, enter the subdomain name. For example, to route traffic to blog.example.com, enter *blog*. If you leave this field blank, the default record name is the name of the domain.

subdomain

vjta.xyz

Keep blank to create a record for the root domain.

Record type [Info](#)

The DNS type of the record determines the format of the value that Route 53 returns in response to DNS queries.

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

Choose when routing traffic to AWS resources for EC2, API Gateway, Amazon VPC, CloudFront, Elastic Beanstalk, ELB, or S3. For example: 192.0.2.44.

Value/Route traffic to [Info](#)

The option that you choose determines how Route 53 responds to DNS queries. For most options, you specify where you want to route internet traffic.

Choose endpoint

3.129.250.80

Enter multiple values on separate lines.

TTL (seconds) [Info](#)

The amount of time, in seconds, that DNS resolvers and web browsers cache the settings in this record. ("TTL" means "time to live.")

10

1m

1h

1d

Recommended values: 60 to 172800 (two days)

Cancel

Edit record

[Route 53](#) > [Hosted zones](#) > [vjta.xyz](#) > Create record

Step 1
[Choose routing policy](#)

Step 2
Configure records

Configure records [Info](#)

You can create multiple records at a time that have the same routing policy.

Simple routing records to add to vjta.xyz [Info](#)

EditDeleteDefine simple record


Use if you want all of your clients to receive the same response(s).

<input checked="" type="checkbox"/>	Record name	Type	Value/Route traffic to	TTL (seconds)
<input checked="" type="checkbox"/>	vjta.xyz	A	3.129.250.80	10

► Existing records

CancelPreviousCreate records

Click create records

 Record for **vjta.xyz** was successfully created.

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.

View status

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 ...



Type



Routin...



Differ...



Alias



vjta.xyz

A

Simple

-

No



vjta.xyz

NS

Simple

-

No



vjta.xyz

SOA

Simple

-

No

[Route 53](#) > [Hosted zones](#) > [vjta.xyz](#) > Change Info

C10312683JWTSG0UK9DSI [Info](#)

Change info details

ID	Submitted at
/change/C10312683JWTSG0UK9DSI	February 26, 2024, 17:28 (UTC:+05:30)
Status	Comment
 PENDING	-

Wait for INSYNC state

[Route 53](#) > [Hosted zones](#) > [vjta.xyz](#) > Change Info

C018314239TBW96TVI9X6 [Info](#)

Change info details



ID	Submitted at
/change/C018314239TBW96TVI9X6	February 26, 2024, 17:33 (UTC:+05:30)
Status	Comment
 INSYNC	-

www.vjta.xyz was successfully updated.

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.

View status

Publicvjta.xyzInfo

Delete zoneTest recordConfigure query logging

Hosted zone details

Edit hosted zone

Records (3)DNSSEC signingHosted zone tags (0)

Records (1/3) Info

Delete recordImport zone fileCreate 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

TypeRouting policyAlias

<1>

	Record ...	Type	Routin...	Differ...	Alias	Value/Route traffic to	TTL (s...
<input type="checkbox"/>	vjta.xyz	NS	Simple	-	No	ns-183.awsdns-22.com. ns-1367.awsdns-42.org. ns-674.awsdns-20.net. ns-1669.awsdns-16.co.uk.	172800
<input type="checkbox"/>	vjta.xyz	SOA	Simple	-	No	ns-183.awsdns-22.com. awsd...	900
<input checked="" type="checkbox"/>	www.vjta....	A	Simple	-	No	3.129.250.80	10

Wait for 5-10 mins

Not secure | www.vjta.xyz

Hello this is my new website ip-172-31-1-130.us-east-2.compute.internal