

# Configure Failover Routing with Amazon Route 53

Name: Piyush kumar

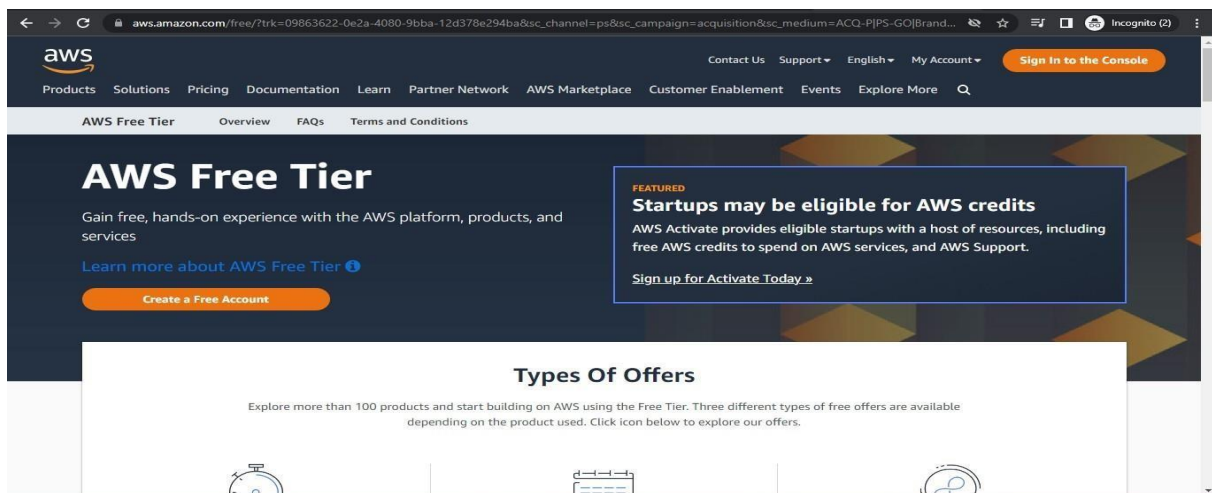
Registration No: RA2011028010084

## PROCEDURE:

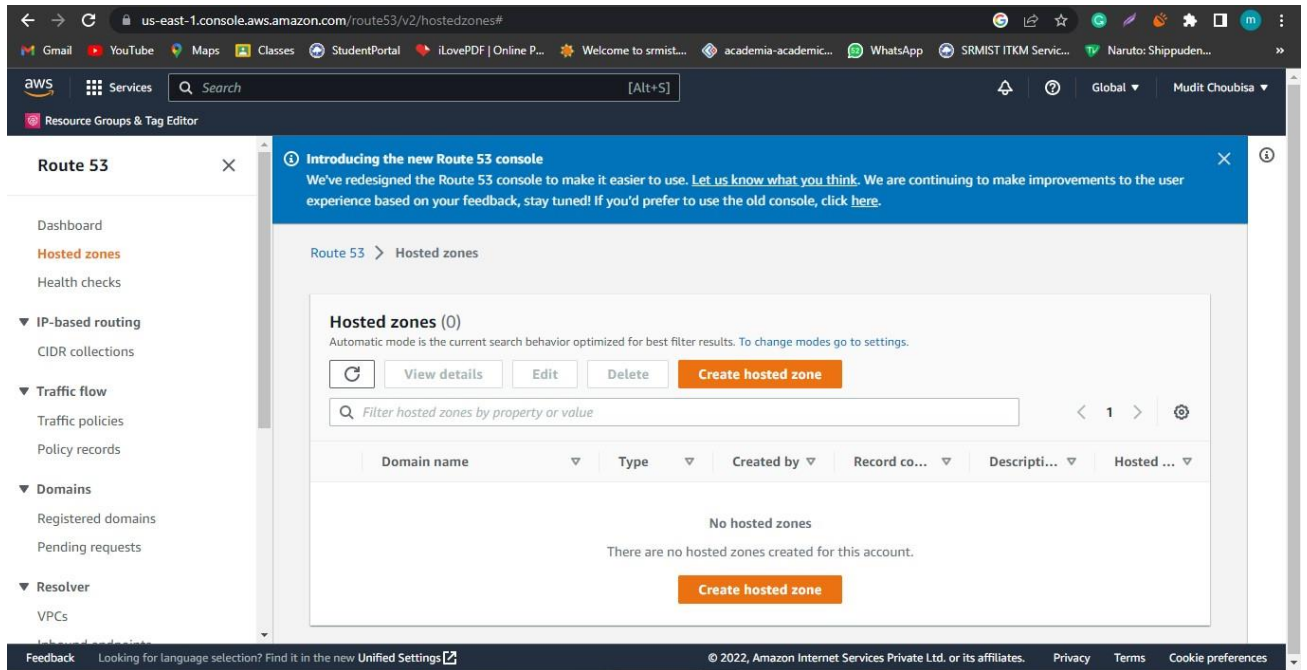
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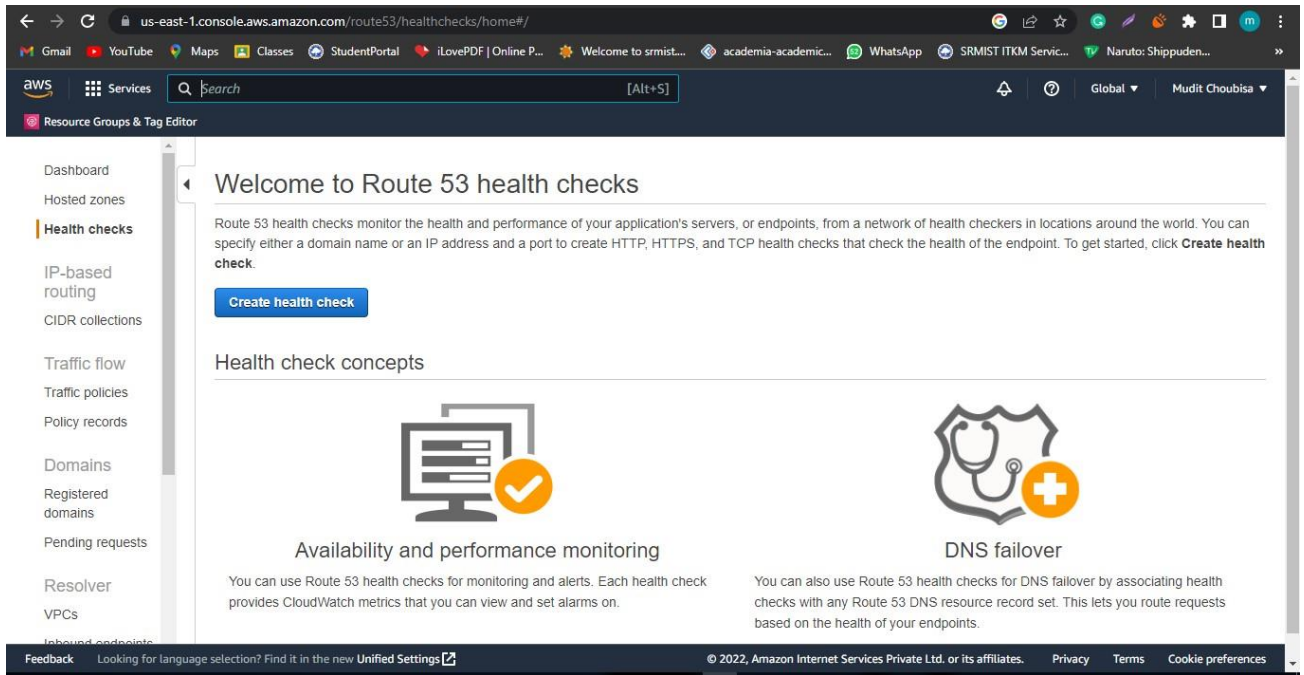
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Login to your AWS account



Go to Hosted zones.



Go to health checks and create health check

The screenshot shows the "Create health check" page in the AWS Route 53 console. The page is divided into two main sections. The left section, titled "Step 1: Configure health check", contains a sub-step "Step 2: Get notified when health check fails". The right section, titled "Configure health check", contains the following fields: "Name" (grrsf), "What to monitor" (Endpoint selected, with options for "Status of other health checks (calculated health check)" and "State of CloudWatch alarm"), "Monitor an endpoint" (with a "Learn more" link), "Specify endpoint by" (IP address and Domain name selected), "Protocol" (HTTP), and "Domain name" (www.tnpsc.gov.in 2022). The page also includes a "Create health check" button at the bottom right.

Give the required details.

## Create health check

### Step 1: Configure health check

Step 2: Get notified when health check fails

### 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

What to monitor ☒ Endpoint ☐ Status of other health checks (calculated health check) ☐ State of CloudWatch alarm

### 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

Domain name \*

Give the endpoint of which you want to monitor.

## Create health check

### Step 1: Configure health check

Step 2: Get notified when health check fails

### 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 grsf

What to monitor ☒ Endpoint ☐ Status of other health checks (calculated health check) ☐ State of CloudWatch alarm

### 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

Domain name \* www.tnpsc.gov.in 2022

Copy paste the URL in a new tab to check if it is healthy.

Dashboard

Hosted zones

**Health checks**

IP-based routing

CIDR collections

Traffic flow

Traffic policies

Policy records

Domains

Registered domains

Pending requests

Resolver

Feedback Looking for language selection? Find it in the new Unified Settings

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26°C Smoke

10:38 09-11-2022

Health check with id 0c256e5c-5134-4136-95d9-41ee548aeae3 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
<input type="checkbox"/>	prodhc	Unknown	http://alb-2instances-2019267418.ap-sou...	1 of 1 in INSUFFI

Info Monitoring Alarms Tags Health checkers Latency

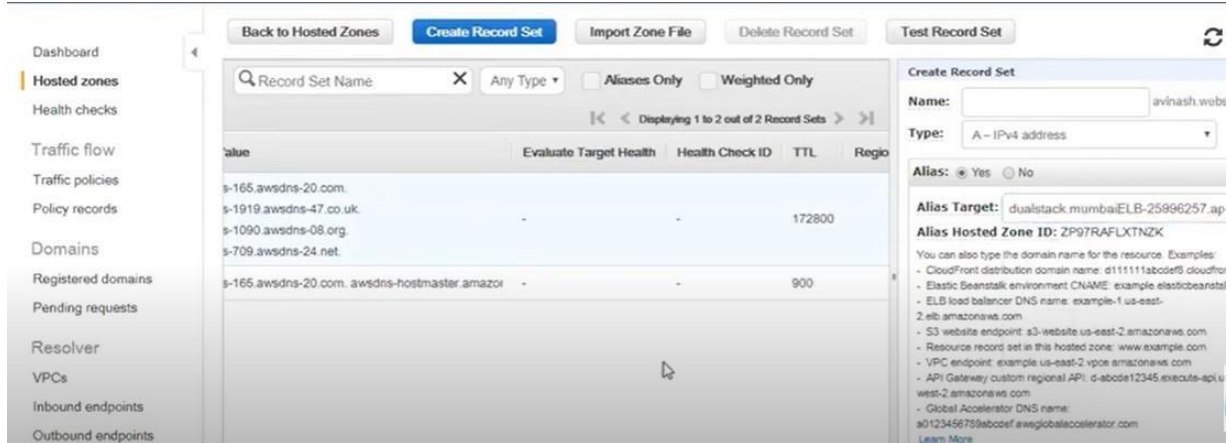
No health check selected.

No health check selected.

If your health check fails then you can set notification and click on create health check.

Health check is created and status is unknown and soon it will turn healthy because it is healthy

8.

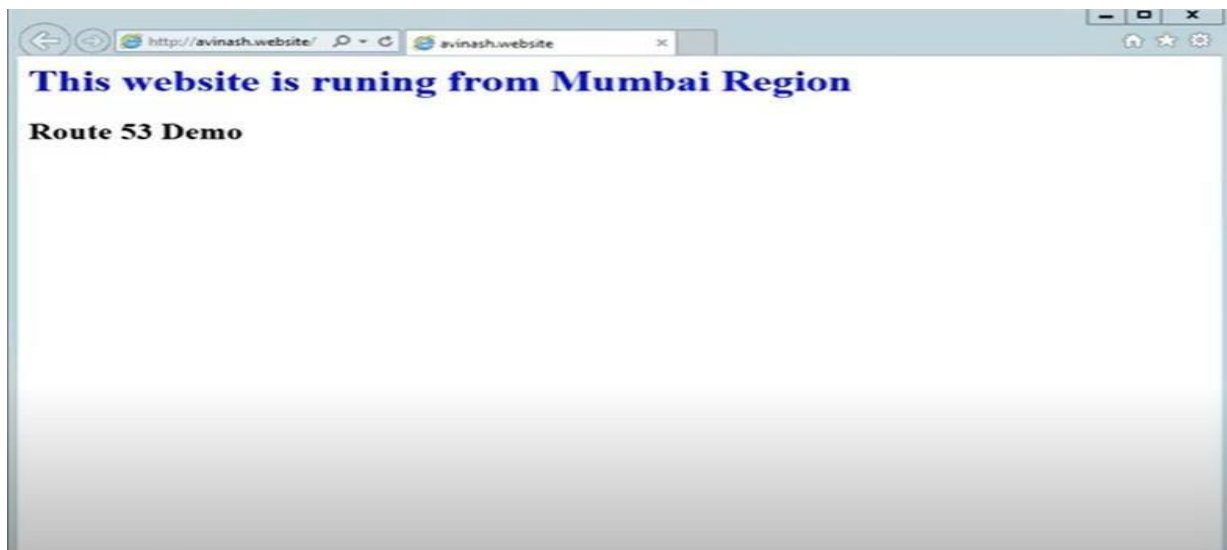


In the hosted zones, create a record set and give the required information with routing policy as failover and click on create.

9.

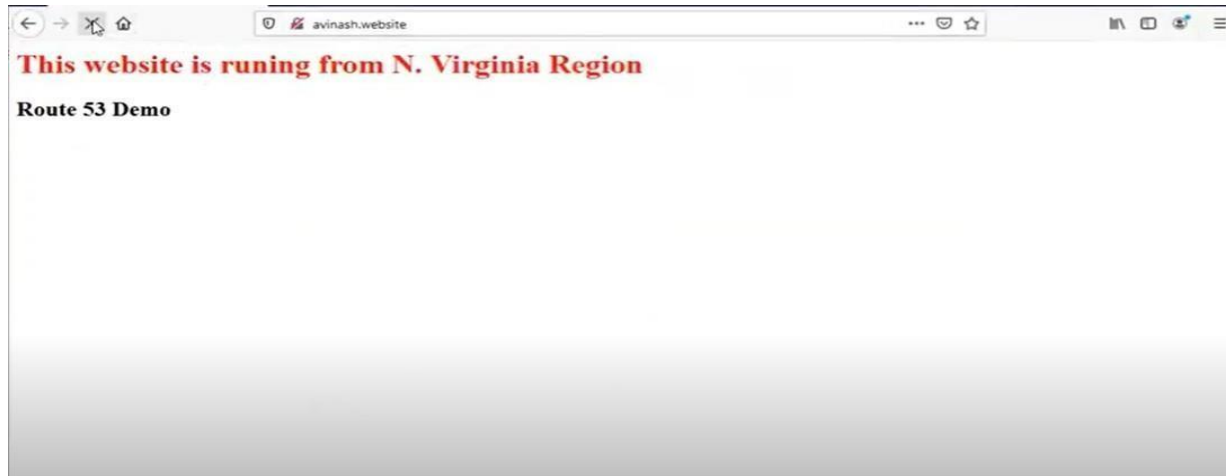
Repeat the same steps for the secondary set ID.

10.



As it is set as primary set ID.

11.



When the load on primary set ID increases it routes the traffic to secondary set ID.