

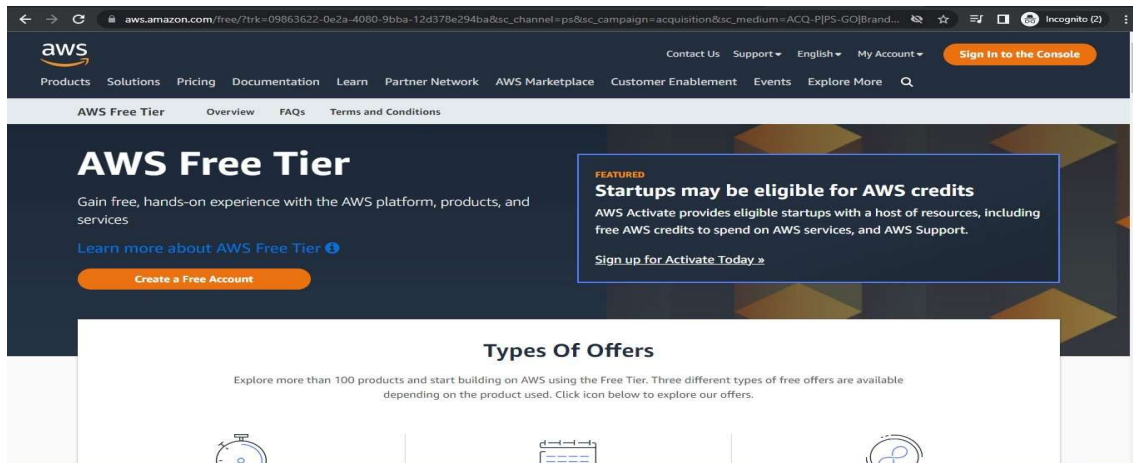
# Configure Failover Routing with Amazon Route 53

Name: Dushyant Rao

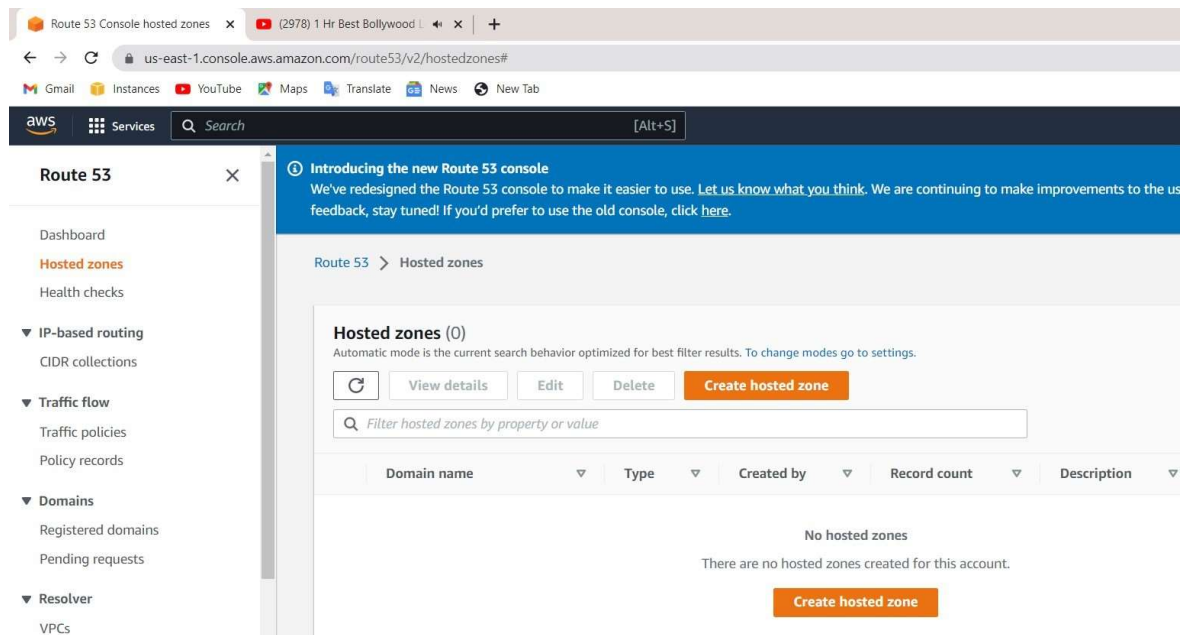
Registration No: RA2011028010106

## PROCEDURE:

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Login to your AWS account



Go to Hosted zones.

us-east-1.console.aws.amazon.com/route53/healthchecks/home#

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Dashboard  
Hosted zones  
**Health checks**  
IP-based routing  
CIDR collections  
Traffic flow  
Traffic policies  
Policy records  
Domains  
Registered domains  
Pending requests  
Resolver  
VPCs  
Inbound endpoints

## 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 create health checks that check the health of the endpoint. To get started, click **Create health check**.

[Create health check](#)


### Health check concepts



#### Availability and performance monitoring

You can use Route 53 health checks for monitoring and alerts. Each health check provides CloudWatch metrics that you can view and set alarms on.

[Learn more](#)



#### DNS failover

You can also use Route 53 health checks for DNS failover. Route 53 DNS resource record set. This lets you route requests to healthy endpoints.

[Learn more](#)

## Go to health checks and create health check

us-east-1.console.aws.amazon.com/route53/healthchecks/home#/create

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## 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 required details.

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#### 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.

us-east-1.console.aws.amazon.com/route53/healthchecks/home#/create

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## Create health check

**Step 1: Configure health check**

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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.

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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 \*

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

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

Name	Status	Description	Alarms
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.

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

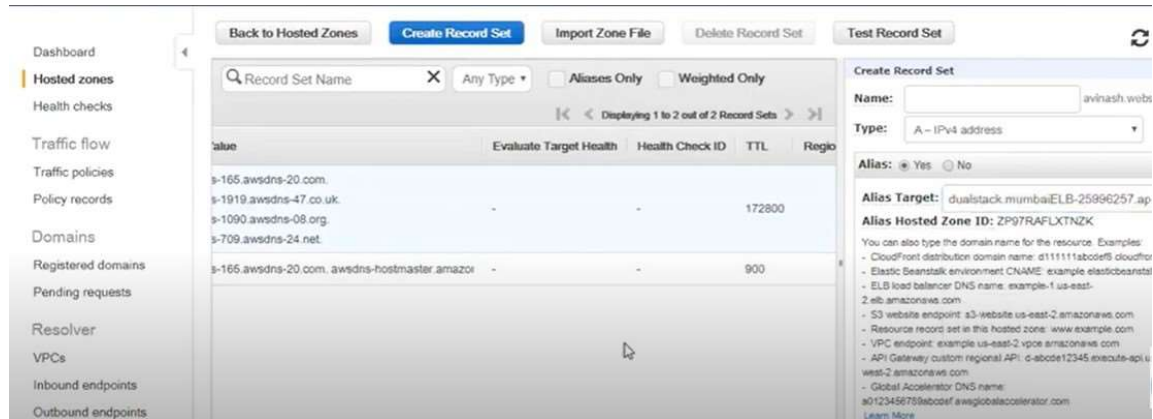
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If your health check fails then you can set notification and click on create health check.

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

8.

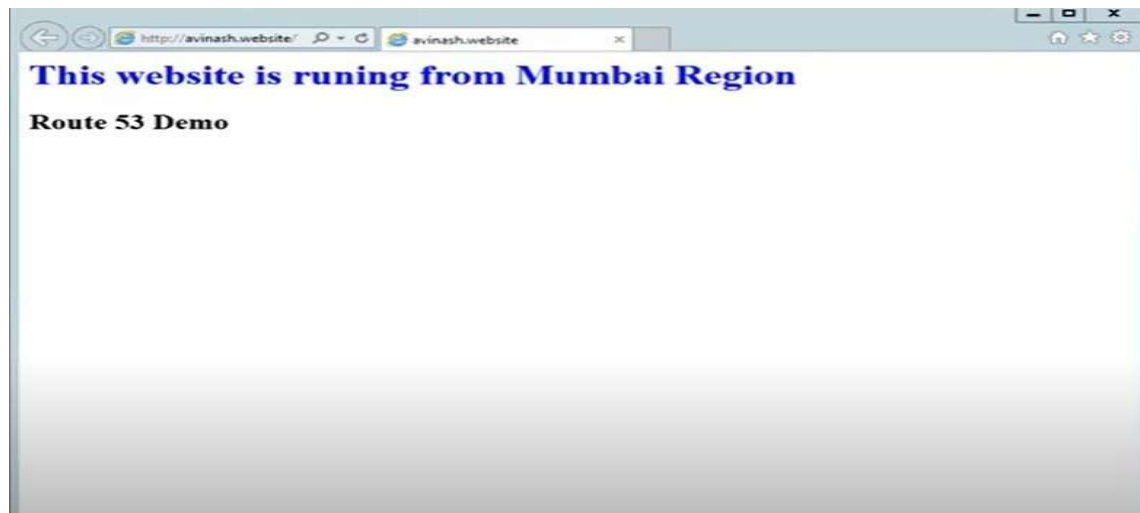


In the hosted zones, create a record set and give the required information with routing policy as failover and click on create.

9.

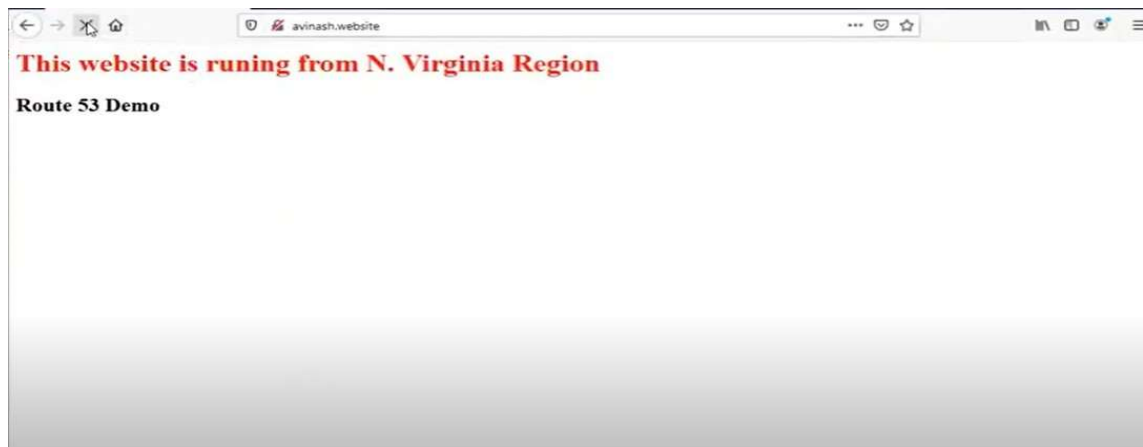
Repeat the same steps for the secondary set ID.

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.