

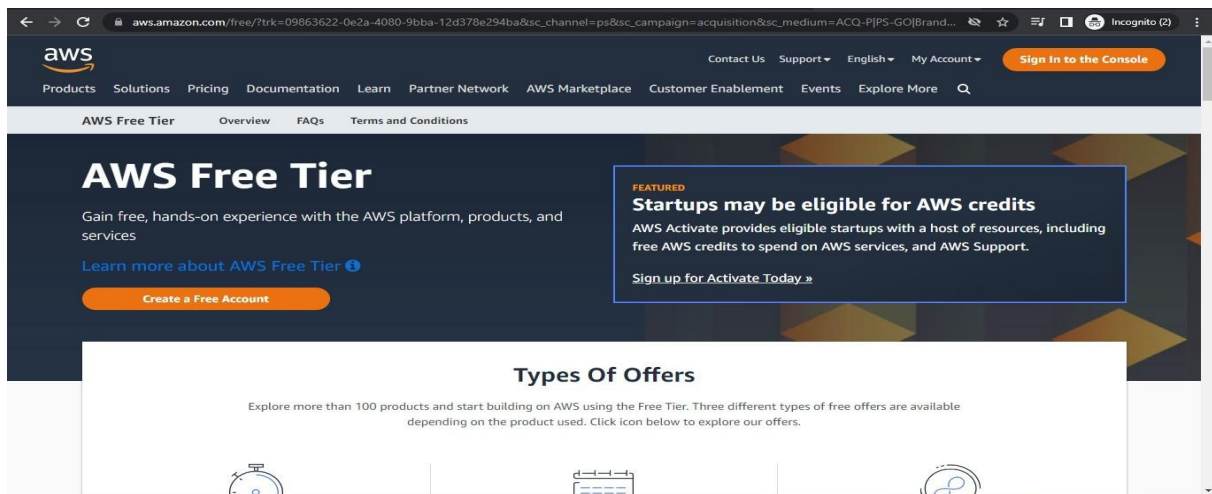
# Configure Failover Routing with Amazon Route 53

Name: Mudit Choubisa

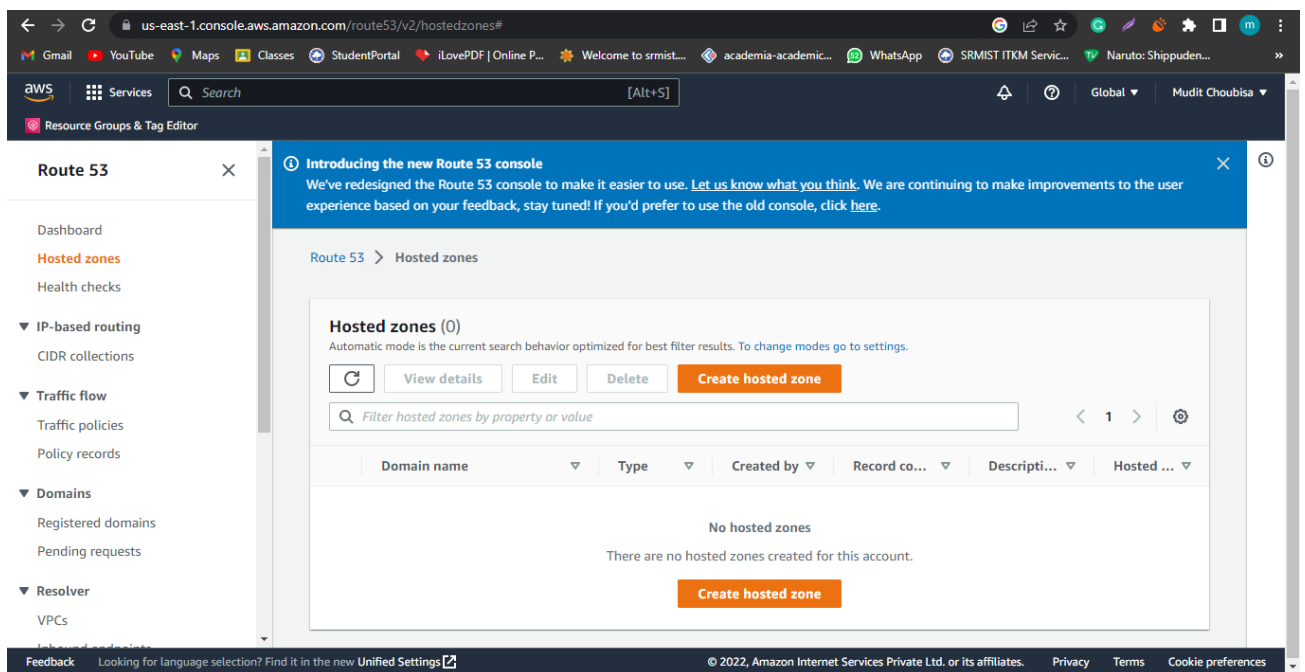
Registration No: RA2011028010090

## PROCEDURE:

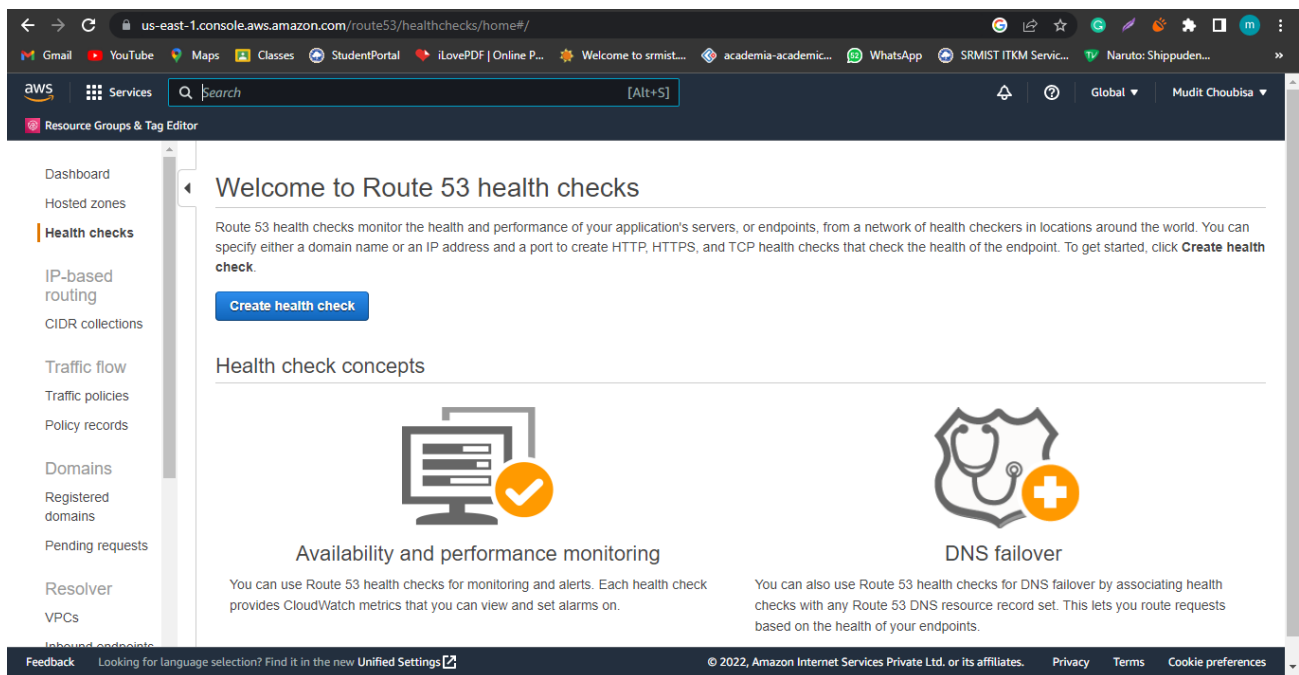
[https://aws.amazon.com/free/?trk=09863622-0e2a-4080-9bba-12d378e294ba&sc\\_channel=ps&sc\\_campaign=acquisition&sc\\_medium=ACQ-P|PS-GO|Brand|Desktop|SU|AWS|Core|IN|EN|Text&s\\_kwcid=AL!4422!3!453325185010!e!!g!!aws%20free&ef\\_id=Cj0KCQjw\\_7KXBhCoARIsAPdPTfIlj\\_nDXTj072T5S-3j6qaBSDqVs-6FJI1WtuV8Eo3mdZUwcv5\\_8aArdoEALw\\_wcB:G:s&s\\_kwcid=AL!4422!3!453325185010!e!!g!!aws%20free&all-free-tier.sort-by=item.additionalFields.SortRank&all-free-tier.sort-order=asc&awsf.Free%20Tier%20Types=\\*all&awsf.Free%20Tier%20Categories=\\*all](https://aws.amazon.com/free/?trk=09863622-0e2a-4080-9bba-12d378e294ba&sc_channel=ps&sc_campaign=acquisition&sc_medium=ACQ-P|PS-GO|Brand|Desktop|SU|AWS|Core|IN|EN|Text&s_kwcid=AL!4422!3!453325185010!e!!g!!aws%20free&ef_id=Cj0KCQjw_7KXBhCoARIsAPdPTfIlj_nDXTj072T5S-3j6qaBSDqVs-6FJI1WtuV8Eo3mdZUwcv5_8aArdoEALw_wcB:G:s&s_kwcid=AL!4422!3!453325185010!e!!g!!aws%20free&all-free-tier.sort-by=item.additionalFields.SortRank&all-free-tier.sort-order=asc&awsf.Free%20Tier%20Types=*all&awsf.Free%20Tier%20Categories=*all)



Login to your AWS account



Go to Hosted zones.



Go to health checks and create health check

Give the required details.

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 endpoint of which you want to monitor.

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

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

The screenshot displays the AWS Management Console interface for Health Checks. A green notification banner at the top states: "Health check with id 0c256e5c-5134-4136-95d9-41ee548aeae3 has been created successfully". Below this, the "Health checks" section is active in the left-hand navigation menu. The main content area shows a table with one health check entry:

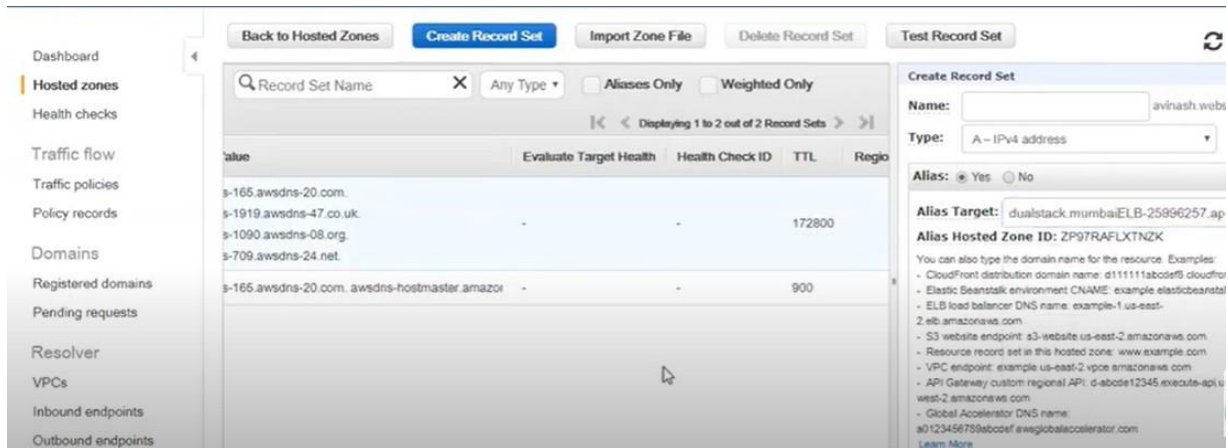
	Name	Status	Description	Alarms
<input type="checkbox"/>	prodhc	Unknown	http://alb-2instances-2019267418.ap-sou...	1 of 1 in INSUFFI

Below the table, there are tabs for "Info", "Monitoring", "Alarms", "Tags", "Health checkers", and "Latency". The "Info" tab is selected, showing "No health check selected." under both the "Info" and "Monitoring" sections. The bottom of the screen shows a Windows taskbar with the date 09-11-2022 and time 10:38.

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.

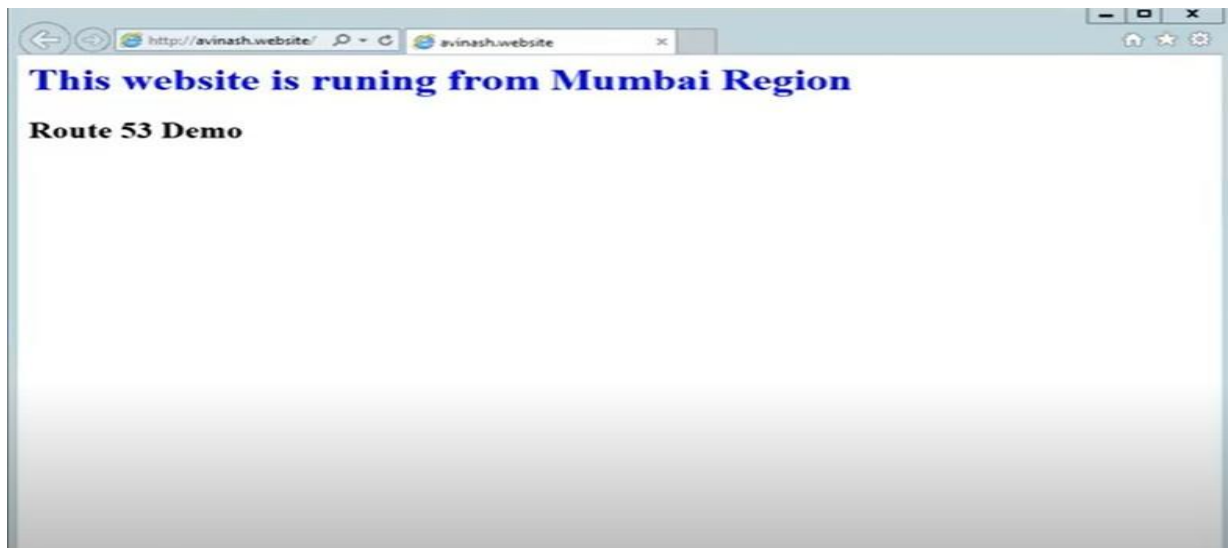


In the hosted zones, create a record set and give the required information with routing policy as failover and click on create.

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.