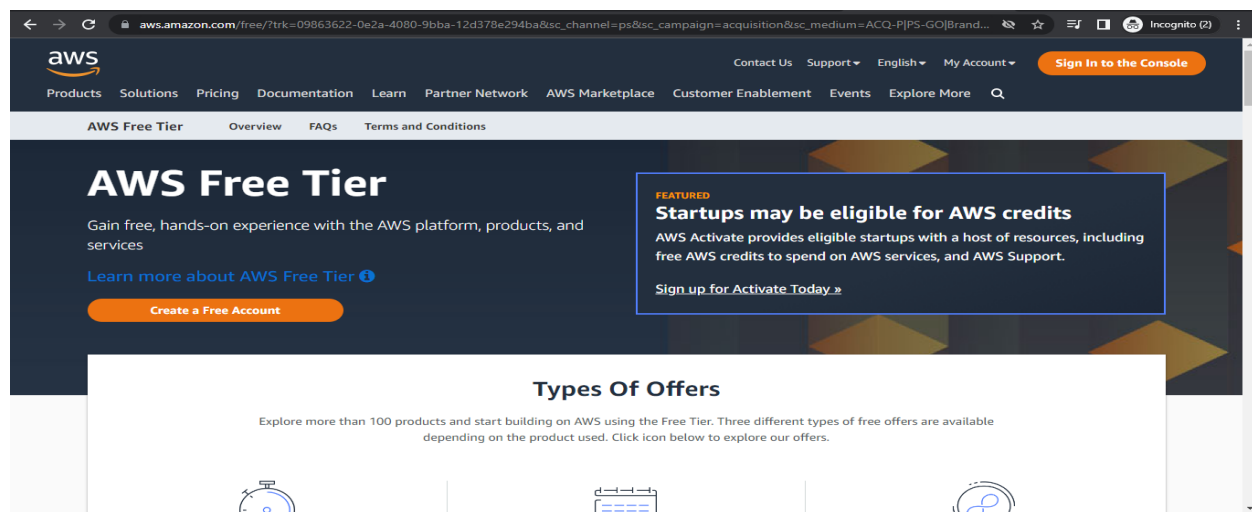


Configure Failover Routing with Amazon Route 53

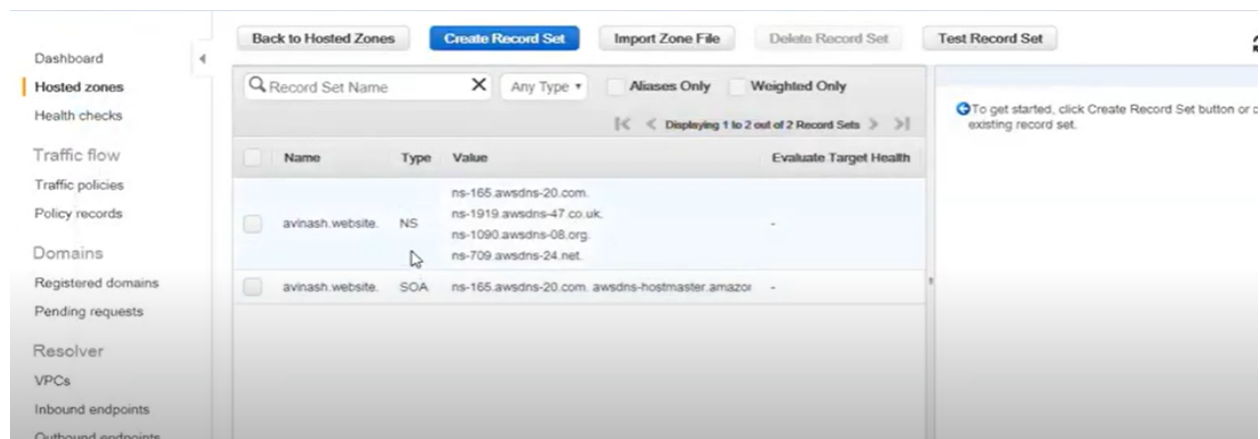
PROCEDURE:

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&sc_kwid=AL!4422!3!453325185010!e!!g!!aws%20free&ef_id=Cj0KCQjw_7KXBhCoARIsAPdPTfilj_nDXTj072T5S-Pc3j6qaBSDqVs-6FJI1WtuV8Eo3mdZUwcv5_8aArdoEALw_wcB:G:s&s_kwid=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



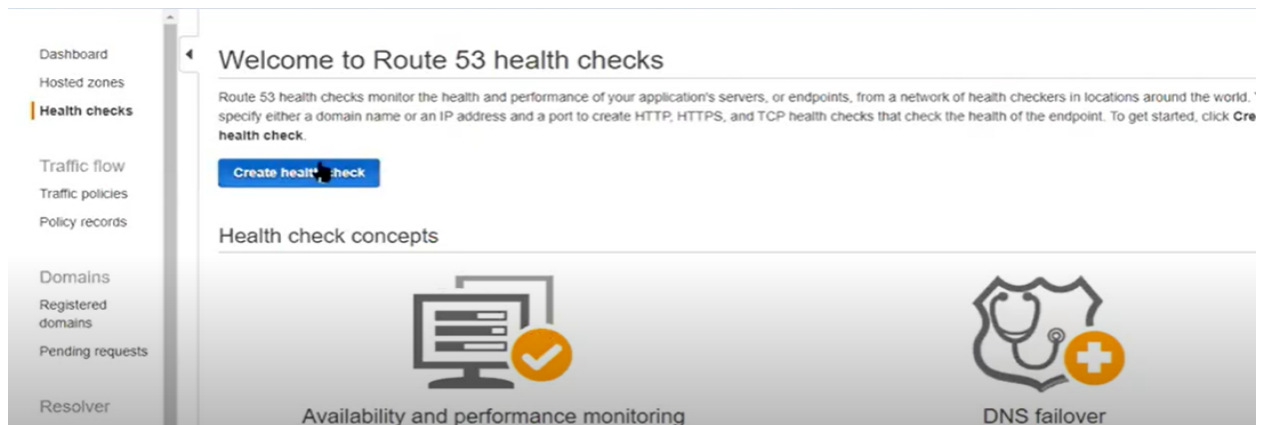
Login to your AWS account

1.



Go to Hosted zones.

2.



Go to health checks and create health check

3.

This screenshot shows the 'Create health check' form in the AWS Route 53 console. The form is titled 'outage occurs.' and has a 'Name' field with the value 'prodhc'. Under 'What to monitor', the 'Endpoint' radio button is selected. Below this, there is a section titled 'Monitor an endpoint' with a description: 'Multiple Route 53 health checkers will try to establish a TCP connection with the following resource to determine whether it's healthy.' and a 'Learn more' link. The 'Specify endpoint by' section has two radio buttons: 'IP address' (selected) and 'Domain name'. Below this, there are fields for 'Protocol' (HTTP), 'IP address *' (192.0.2.44 or 2001:DB8::1), 'Host name' (www.example.com), 'Port *' (80), and 'Path' (/images). Each field has an information icon (i) to its right.

Give the required details.

4.

This screenshot shows the 'Create health check' form in the AWS Route 53 console, similar to the previous one but with the 'Domain name' radio button selected under 'Specify endpoint by'. The 'Name' field is 'prodhc'. The 'What to monitor' section has 'Endpoint' selected. The 'Monitor an endpoint' section is the same. The 'Specify endpoint by' section has 'Domain name' selected. Below this, there are fields for 'Protocol' (HTTP), 'Domain name *' (www.example.com), 'Port *' (80), and 'Path' (/images). Each field has an information icon (i) to its right. At the bottom of the form, there is a link to 'Advanced configuration'.

Give the endpoint of which you want to monitor.

5.

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 *

Port *

Path

Advanced configuration

URL <http://mumbaiELB-25996257.ap-south-1.elb.amazonaws.com:80/>

Health check type Basic - no additional options selected ([View Pricing](#))

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

6.

Create health check

Step 1: [Configure health check](#)

Step 2: Get notified when health check fails

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

CloudWatch sends you an Amazon SNS notification whenever the status of this health check is unhealthy for one minute.

Send notification to ☒ Existing SNS topic ☐ New SNS topic

* Required

[Cancel](#) [Previous](#) [Create health check](#)

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

7.

Dashboard

Hosted zones

Health checks

Traffic flow

Traffic policies

Policy records

Domains

Registered domains

Pending requests

Resolver

VPCs

Inbound endpoints

Outbound endpoints

Rules

Health check with id 9459b641-1d77-4853-b12e-6d9bd9d0d6b3 has been created successfully

Create health check Delete health check Edit health check

Filter by keyword

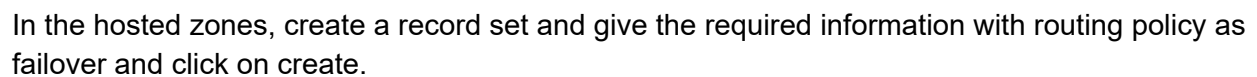
Name	Status	Description	Alarms
prodhc	Unknown	http://mumbaiELB-25996257.ap-south-1...	1 of 1 in INSUFFICIENT

Info Monitoring Alarms Tags Health checkers Latency


No health check selected.

No health check selected.

8.

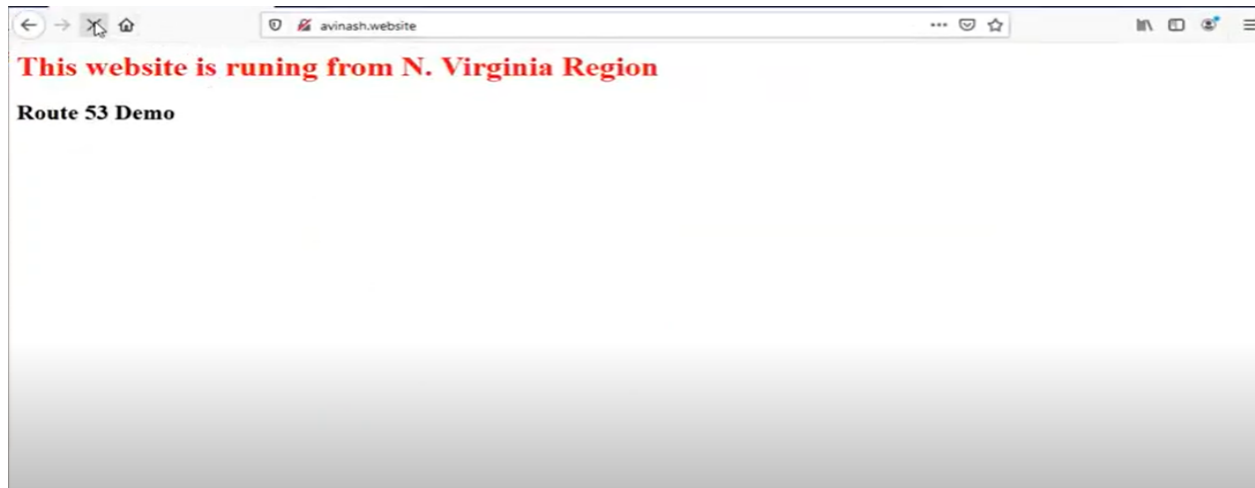


Repeat the same steps for the secondary set ID.



The screenshot shows a web browser window. The address bar contains the URL "http://avinash.website/". The page content displays the text "This website is runing from Mumbai Region" in a large, bold, blue font, followed by "Route 53 Demo" in a smaller, bold, black font.

11.



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