

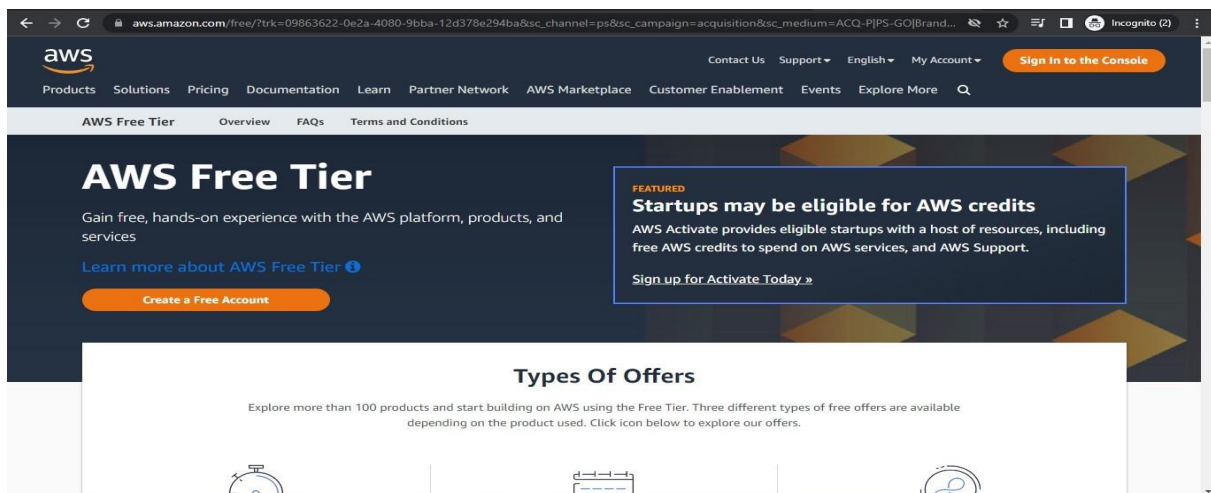
Configure Failover Routing with Amazon Route 53

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Registration No: RA2011028010101

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-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

us-east-1.console.aws.amazon.com/route53/v2/hostedzones#

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Route 53

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


Introducing the new Route 53 console

We've redesigned the Route 53 console to make it easier to use. [Let us know what you think](#). We are continuing to make improvements to the us feedback, stay tuned! If you'd prefer to use the old console, click [here](#).

Route 53 > Hosted zones

Hosted zones (0)

Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

 [View details](#) [Edit](#) [Delete](#) [Create hosted zone](#)

Domain name	Type	Created by	Record count	Description
<p>No hosted zones</p> <p>There are no hosted zones created for this account.</p> <p>Create hosted zone</p>				

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
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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 HTTP, HTTPS, and TCP 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. You can create a health check for a Route 53 DNS resource record set. This lets you route traffic 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.

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

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Create health check

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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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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 *

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

Dashboard
Hosted zones
Health checks
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CIDR collections
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Policy records
Domains
Registered domains
Pending requests
Resolver

Health check with id 0c256e5c-5134-4136-95d9-41ee548aee3 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.

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

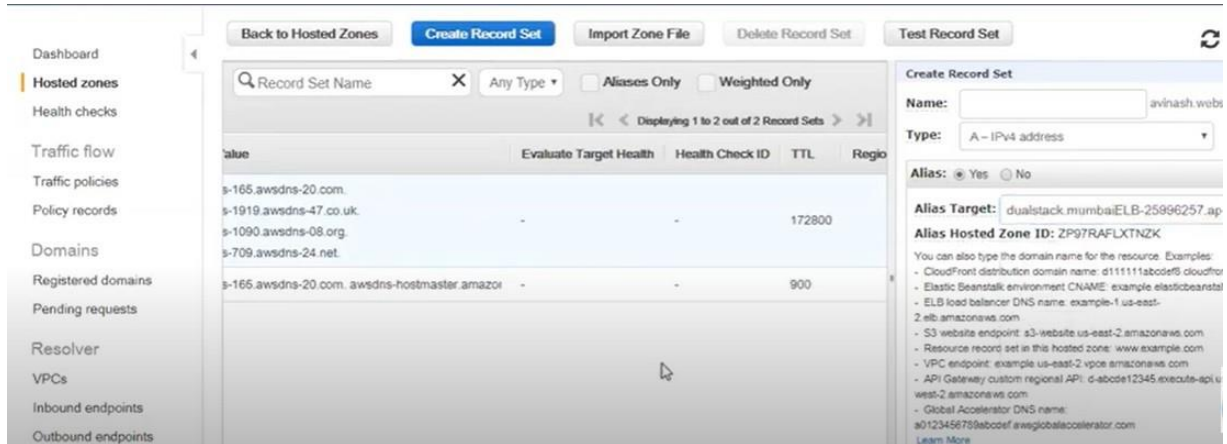
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If your health check fails then you can set notification and click on create health check.

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

8.

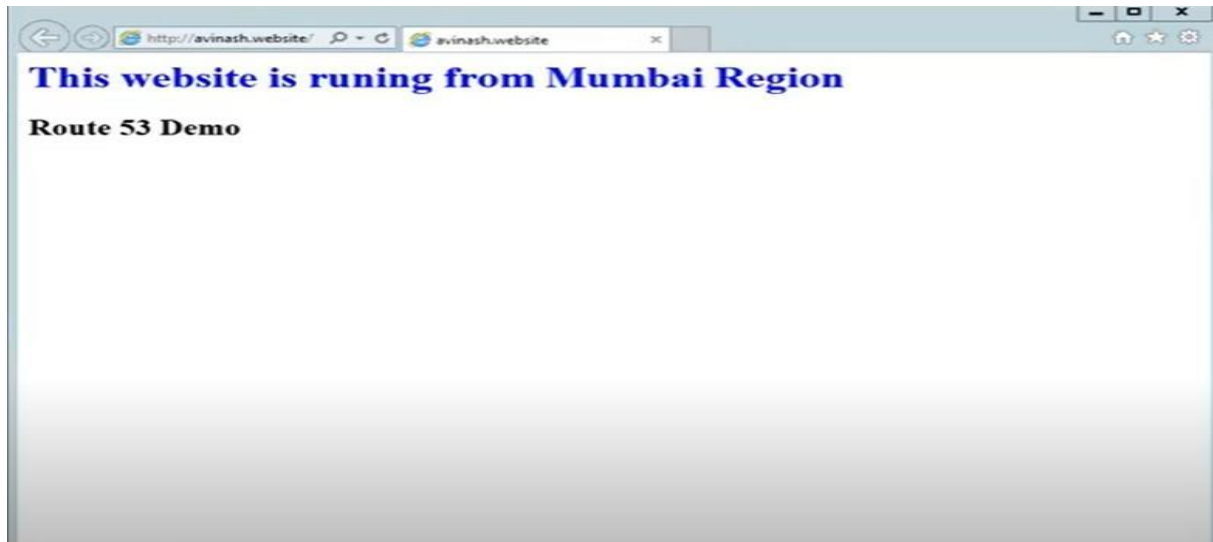


In the hosted zones, create a record set and give the required information with routing policy as failover and click on create.

9.

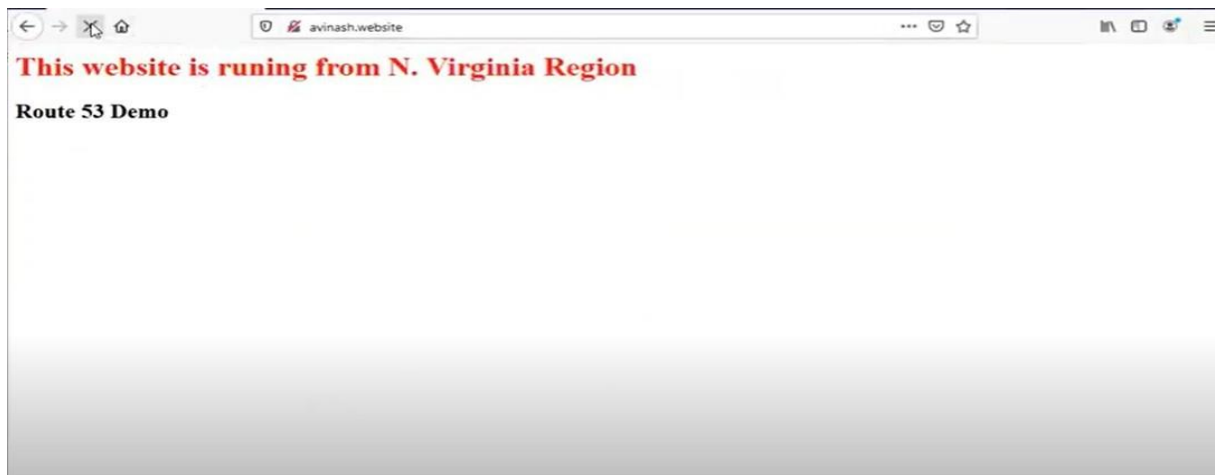
Repeat the same steps for the secondary set ID.

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.