

Experiment 9

Configure Failover Routing with Amazon Route 53

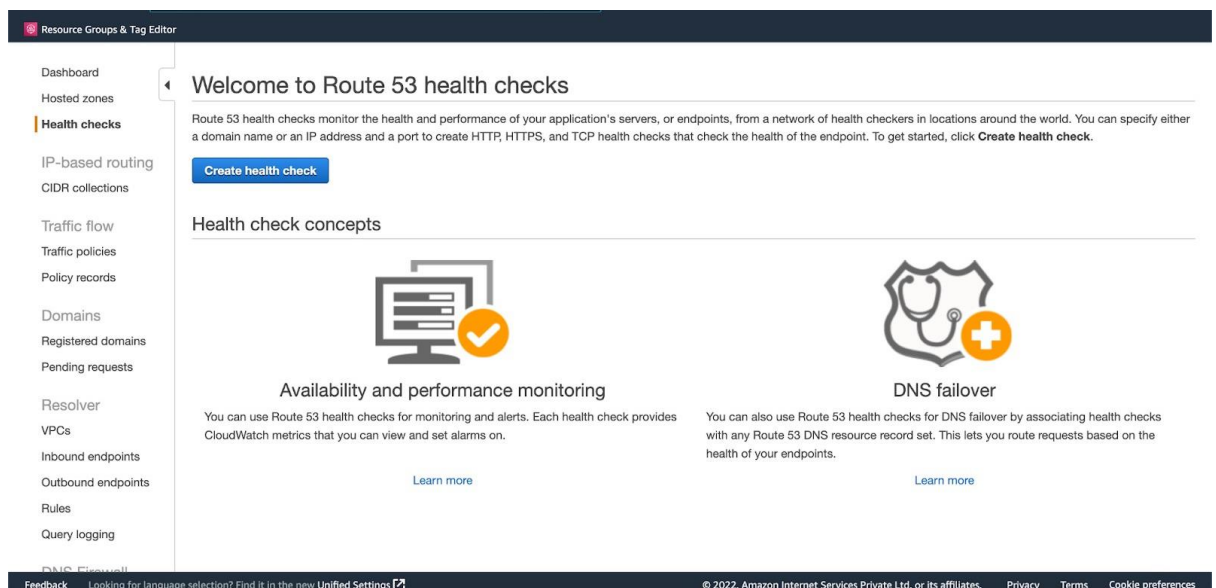
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Aim: To configure failover routing with AWS Route 53

Procedure:

1. Go to Hosted zones.
2. Go to health checks and create health check



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

Resource Groups & Tag Editor

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

IP address *

Host name

Port *

Path

Advanced configuration

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

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

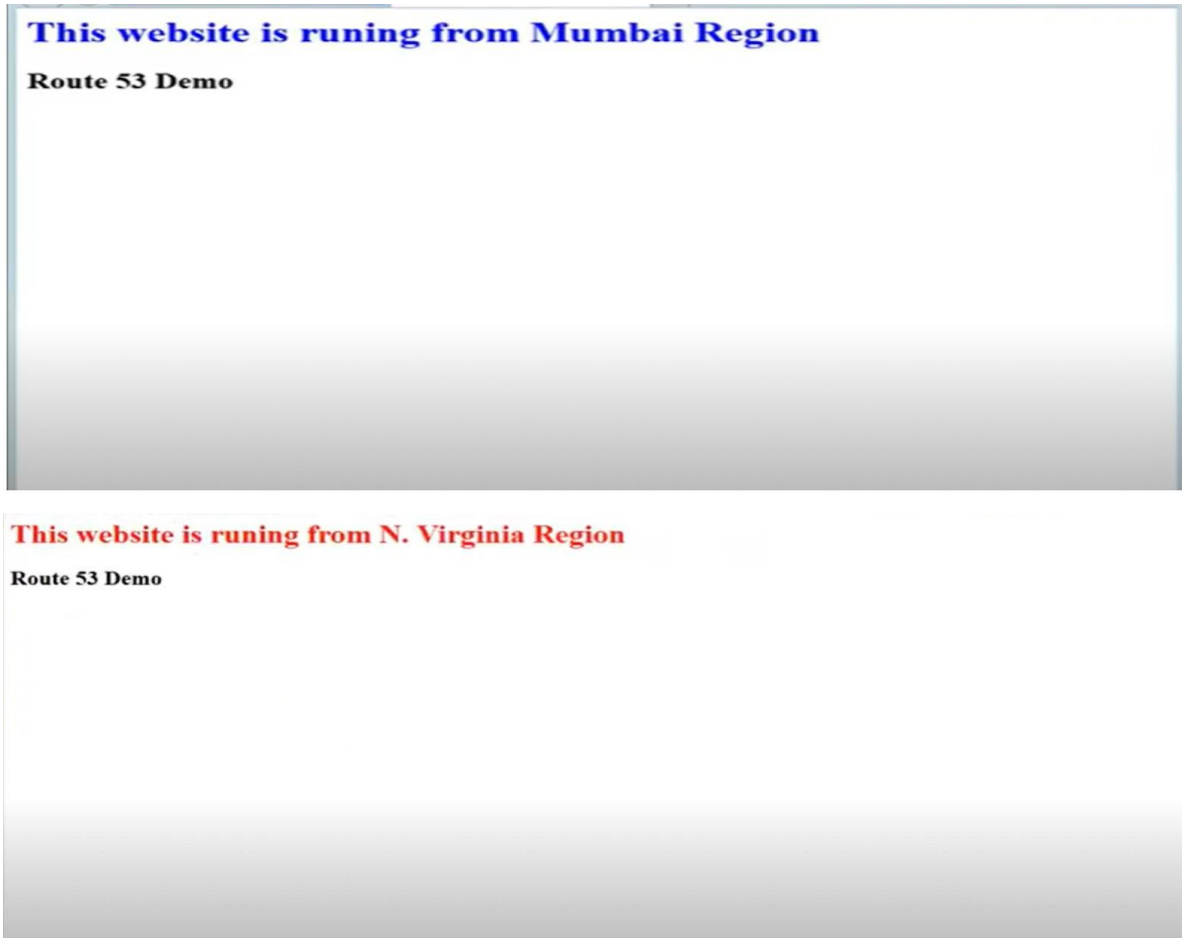
Info Monitoring Alarms Tags Health checkers Latency

No health check selected.

No health check selected.

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

6. Repeat the same steps for the secondary set ID.



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

Result:

Hence, we configured failover routing with AWS Route 53

