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Experiment : 9

Title : Configure Failover Routing with

Amazon Route 53

Date: 09/11/2022

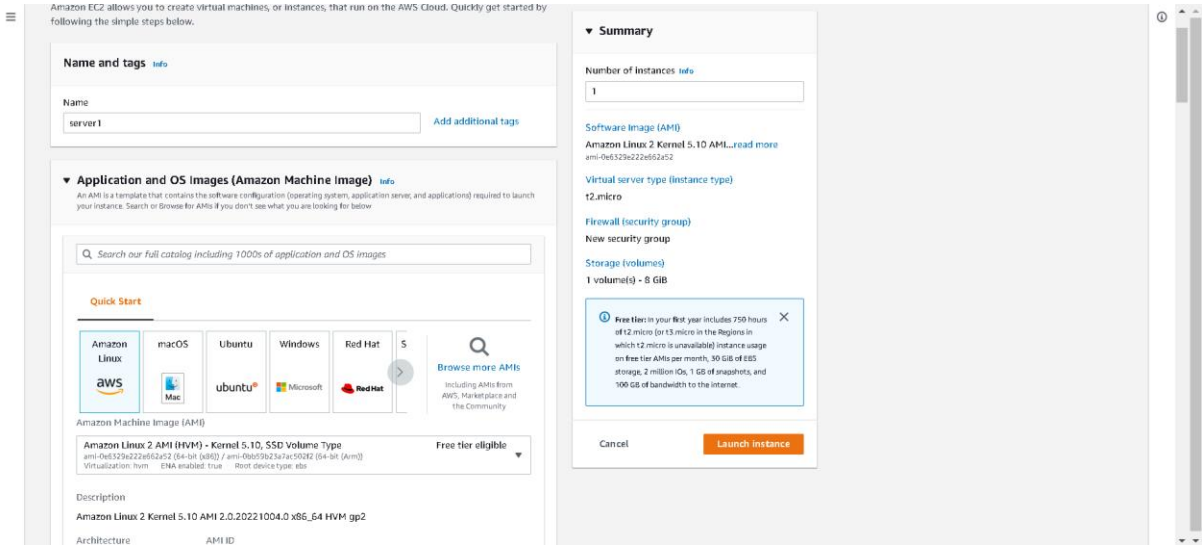
Aim : Configure DNS failover routing policy for Webservers across AWS Regions.

Pre-requisites : AWS Console, Amazon Route 53, Amazon EC2.

Procedure :

Steps:

1. Create a Public webserver in region 1.



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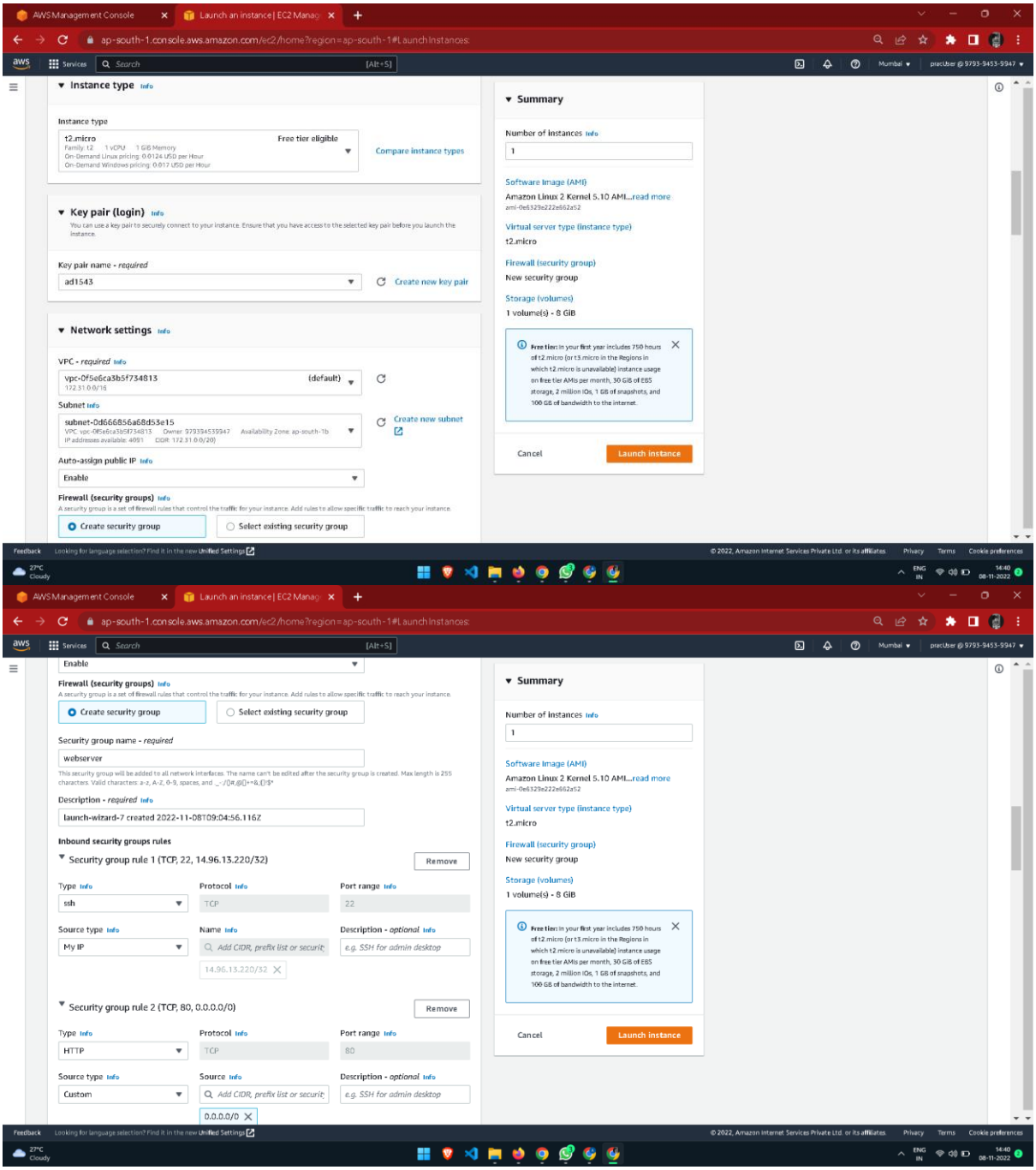

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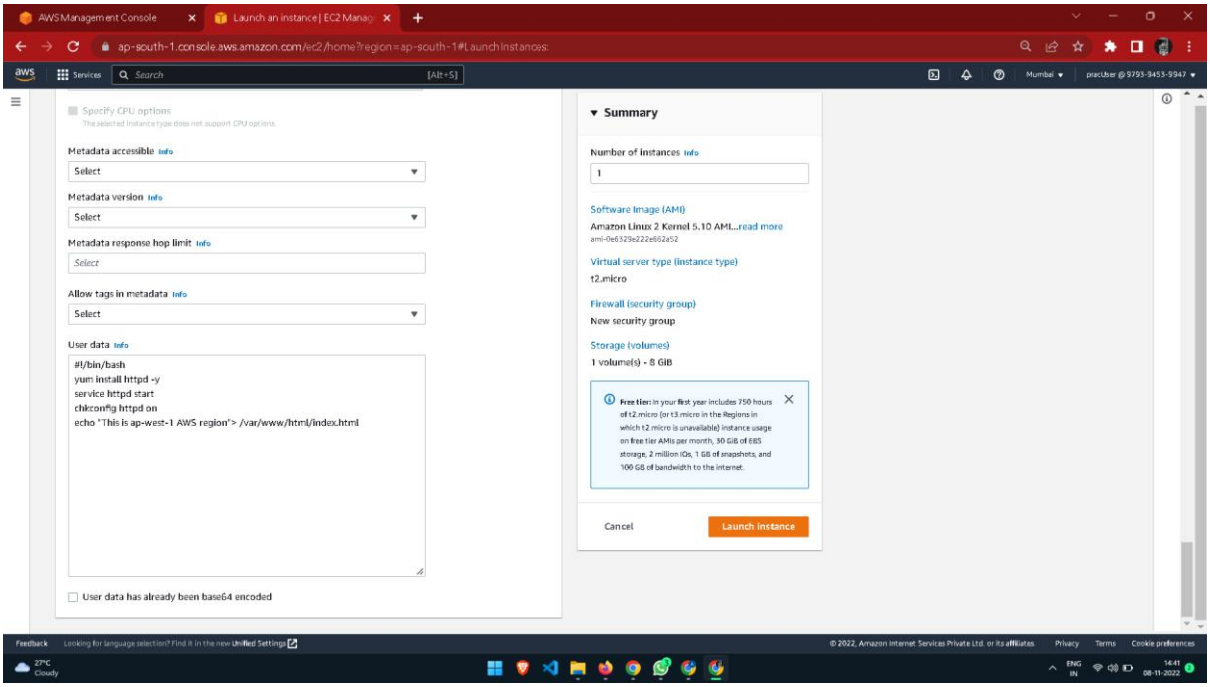
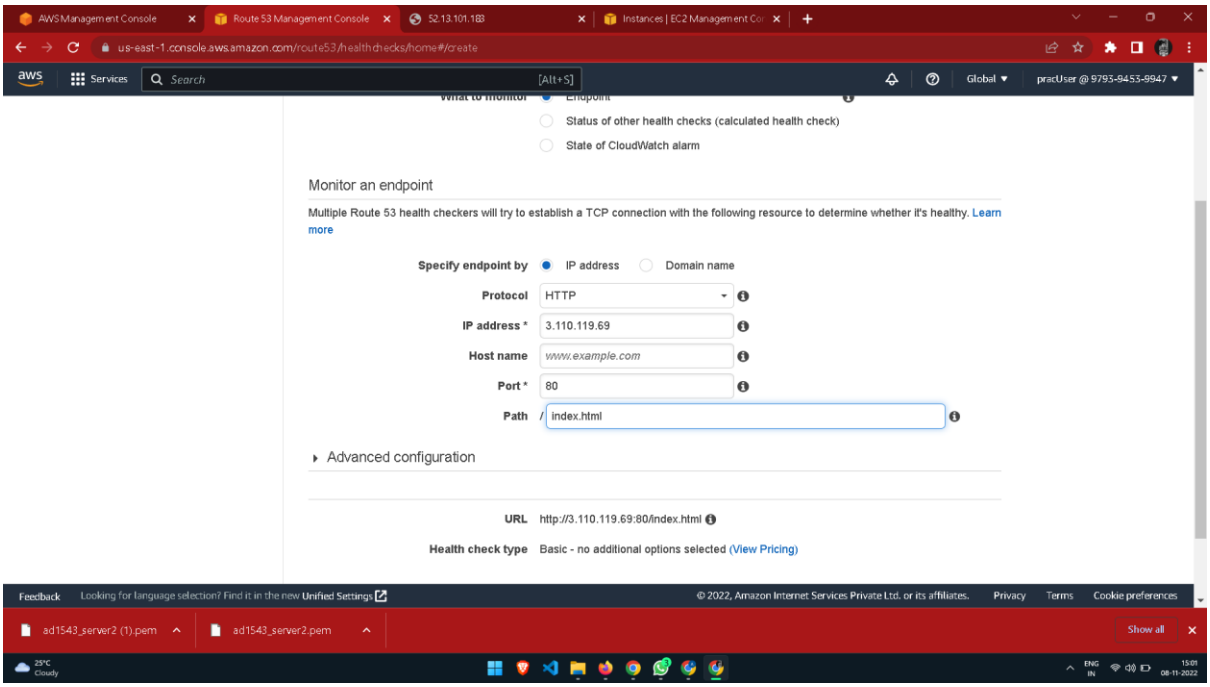


2. Create a public webserver in region 2.
3. Create a Route53 public hosted zone (e.g: Yourdomain.com).
4. Create 2 health checks for both the webservers.



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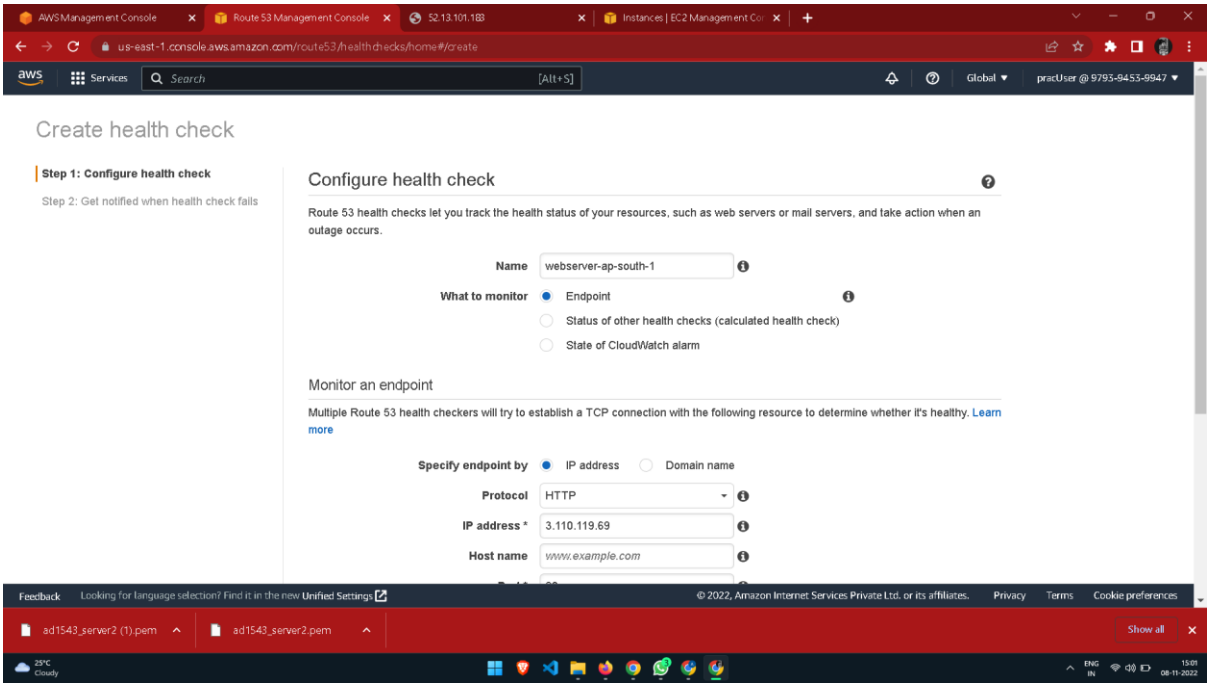
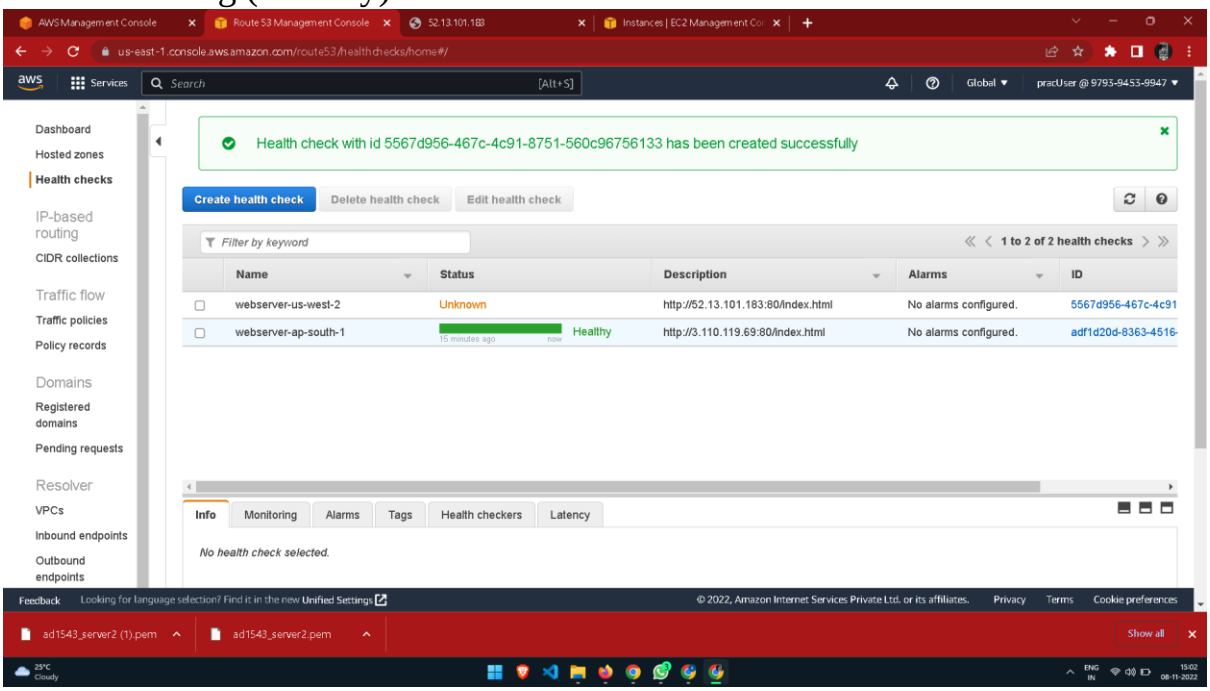


5. Create a subdomain A record test.yourdomain.com and configure it as failover routing (Primary).



6. Create another same subdomain A record test.yourdomain.com and configure it as failover routing (secondary).

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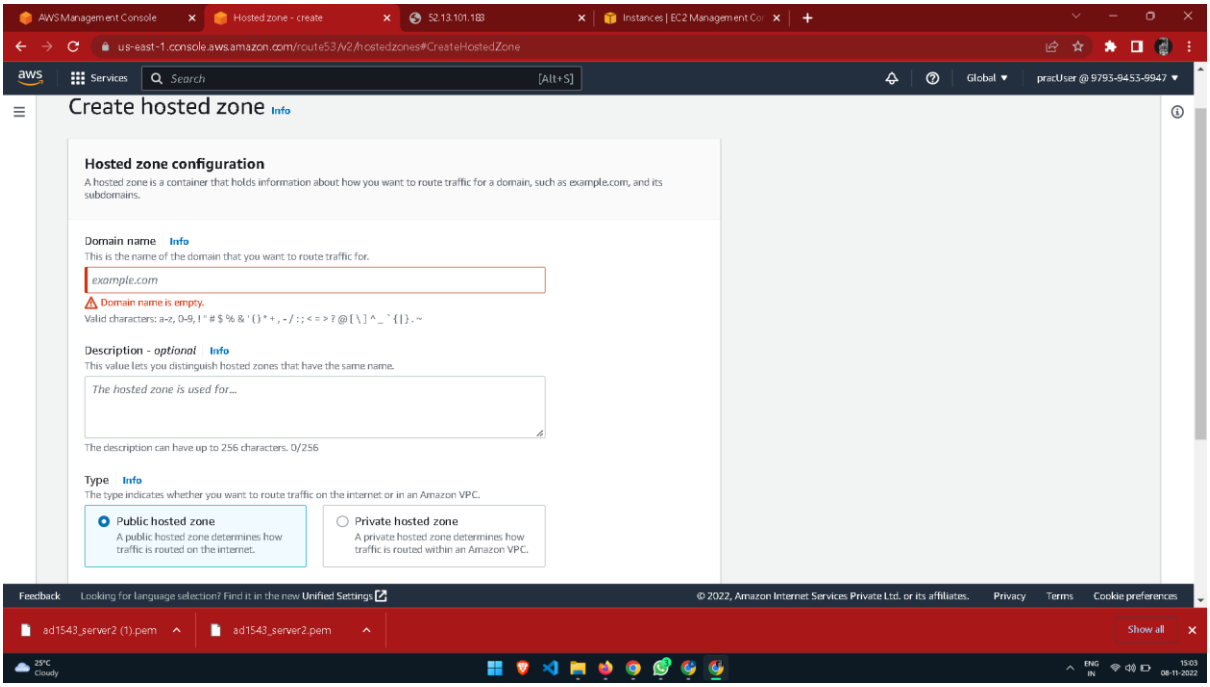

7. Test the connection by hitting http://test.yourdomain.com.
8. Login to primary webserver in region 1 and stop httpd service.
9. Wait for TTL to expire and see If you get redirected to another web server in region 2.

Result:

Hence, we have successfully configure DNS failover routing policy for Webservers across AWS Regions.