Nikita Dhona

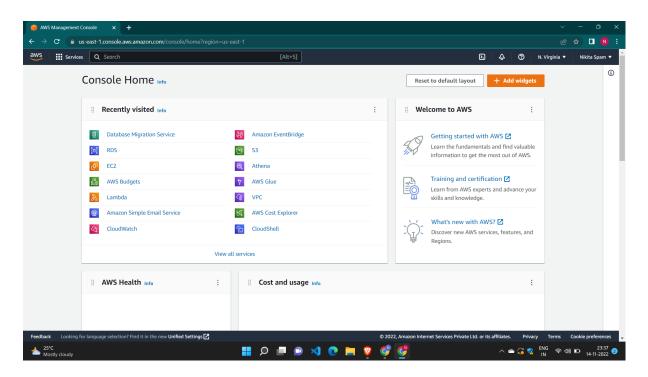
EXPERIMENT-9

CONFIGURE FAILOVER ROUTING WITH AMAZON ROUTE 53

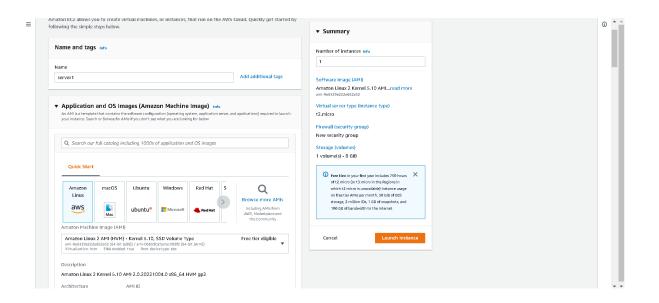
AIM: To configure failover routing with Amazon Route 53.

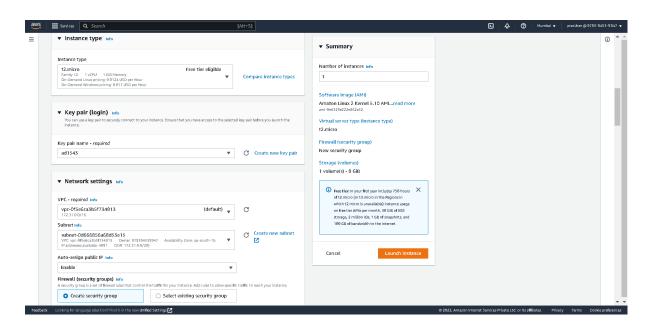
PROCEDURE:

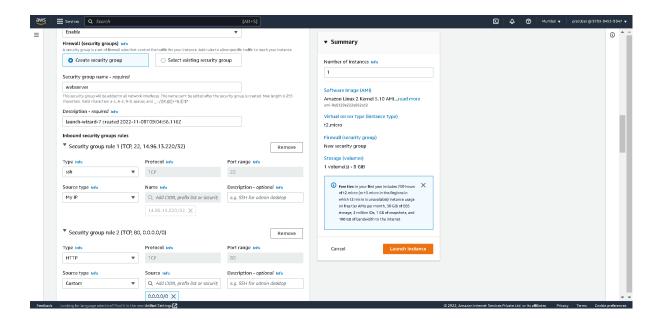
1. Firstly, open the AWS console homepage on browser (https://aws.amazon.com/console/).

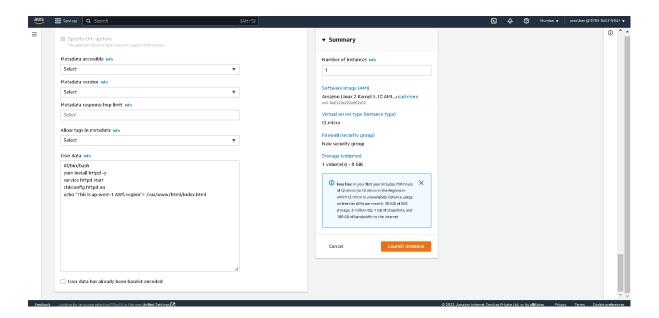


1. Create a Public webserver in region 1.

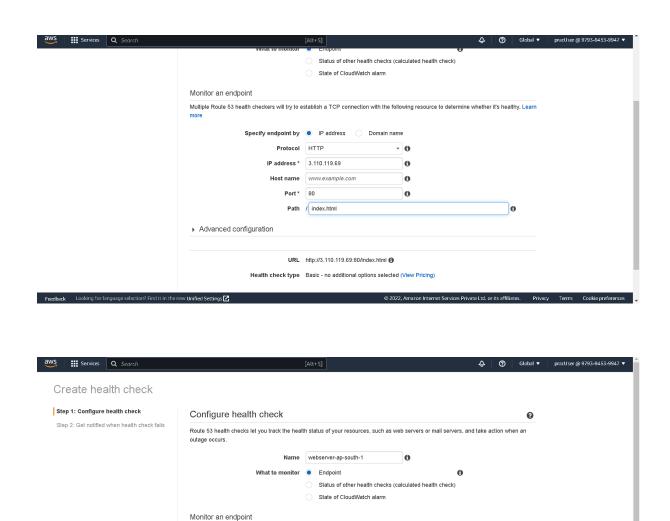








- 2. Create a public webserver in region 2.
- 3. Create a Route53 public hosted zone (e.g.: Yourdomain.com).
- 4. Create 2 health checks for both the webservers.



Multiple Route 53 health checkers will try to establish a TCP connection with the following resource to determine whether it's healthy. Learn

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Specify endpoint by Paddress Domain name

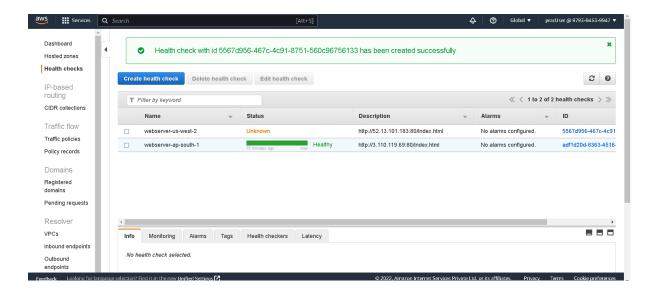
Protocol HTTP

IP address 3.110.119.69

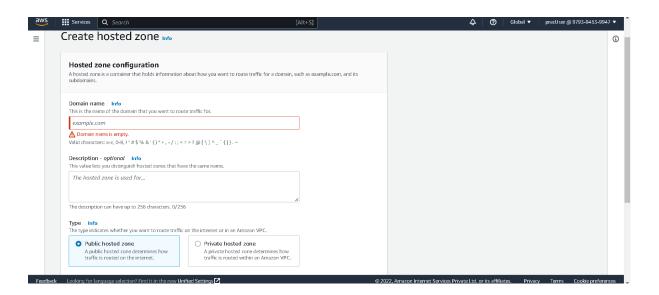
Host name www.example.com

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

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



- 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:

A failover routing with Amazon Route 53 was configured successfully.