

- 1. In this lab you are going to learn about Latency routing.
- 2. For this lab you need to set up an instance based on Ubuntu OS in another region let say Singapore. You can choose any region of your choice.
- 3. Create a security group which allows HTTP over the internet. Then launch your instance.
- 4. Once the instance is launched now you need to login to your instance using Putty tool or command prompt.
- 5. Now run update command and update your instance. Then install the nginx web server.

sudo apt update sudo apt install nginx

6. Then you need to create a index.html file here.

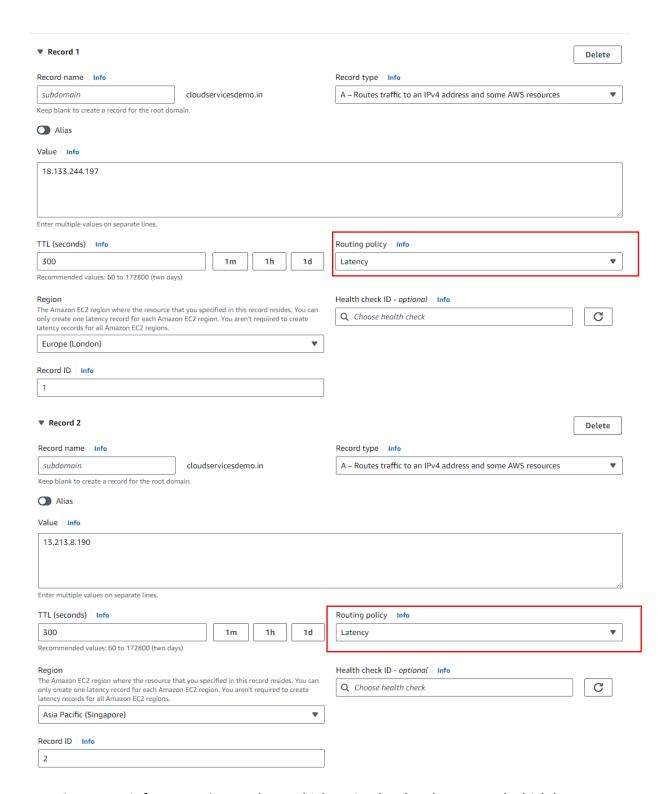
cd /var/www/html sudo chmod 777 /var/www/html echo "<h1> This is the instance in Singapore region with name demo-route-03</h1>" > Index.html

7. After that copy its public IP address and paste it in a new tab.



This is the instance in Singapore region with name demo-route-03

- 8. Now come back to Route 53 and delete your previous records. Then click on create records.
- 9. Now for record 1 chooses your primary instance which you were using in the previous lab.
- 10. For record 2 choose the instance which you created in Singapore region. Copy the public IP address of both the instances and paste them in value.
- 11. Choose routing policy as Latency. Choose the region and then click on create record.



- 12. Now wait for some time and see which region has less latency and which has more.
- 13. From this we can say that Singapore has less latency than London.



This is the instance in Singapore region with name demo-route-03