Name :- Rushikesh Anil Mashidkar

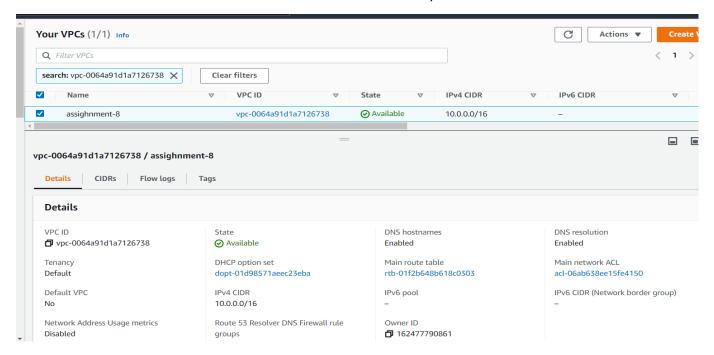
Email Id: - rishikeshmashidkar@gmail.com

Note:- The answer is in bullets ()

Assignment

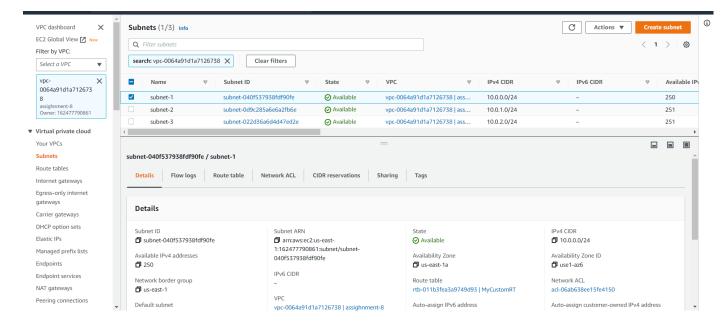
Ques 1:

- Create your own new custom VPC
 - → Created new VPC name as **assignment-8** and give CIDR range **10.0.0.0/16**. Then I select vpc and right click and enabled the DNS hostanems and save. It is not enabled by default so.



- and then create 3 subnets of that VPC
 - → Created 3subnet as names **subnet-1**, **subnet-2** & **subnet-3** and give CIDR range of **10.0.0.0/24**. **10.0.1.0/24**, **10.0.2.0/24** respectively and add each of them in different AZ.

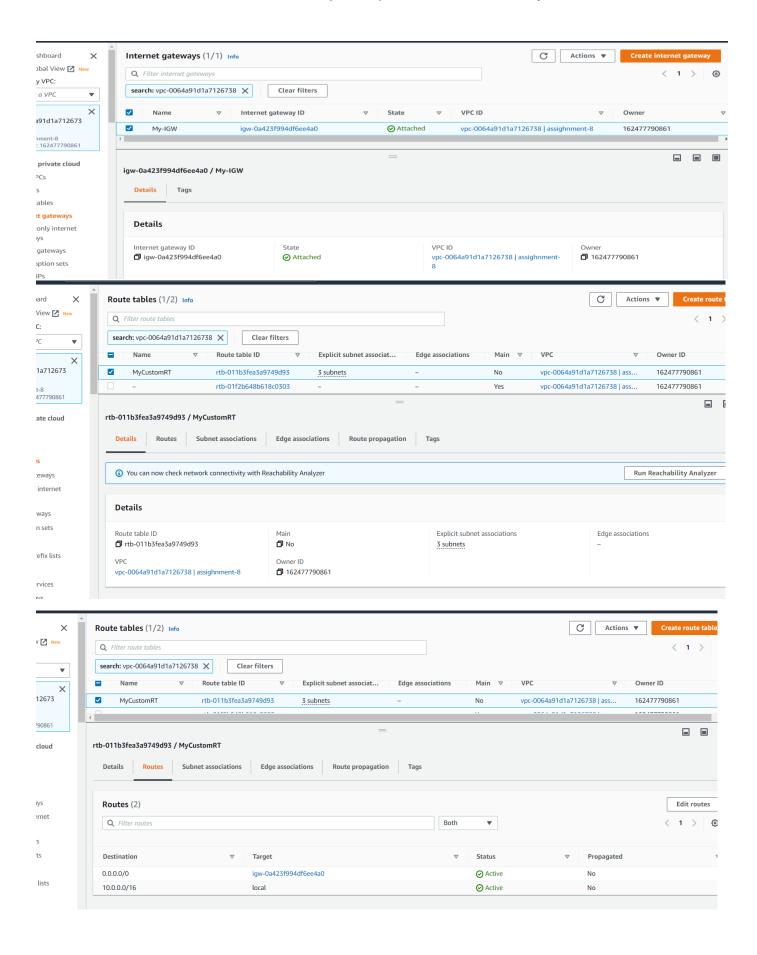
After that modified auto assign IP settings to Enabled for auto assigninig Ip to subnet one by one.



- Attach an internet gateway to your custom VPC
 - → Create internet getway named as My-IGW. And attached to VPC (assignment-8).

You didn't mention about Route table we have to create route table for internate access. So I created Route table name as **MyCustomRT** and after that associated my vpc subnets to Internet gateway.

Also I edit the route to 0.0.0.0/0 and assign to My-IGW for internet from anywhere.



- And configure your EC2 linux instance inside your custom VPC
 - → Launch instance with name **VPC-Server** inside my VPC **assignment-8** and also connect through SSH and **ping to google.com**. The output is given below.

