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ASSIGNMENT 3

Assignment NO. 3 (CloudComputing and DevOps)

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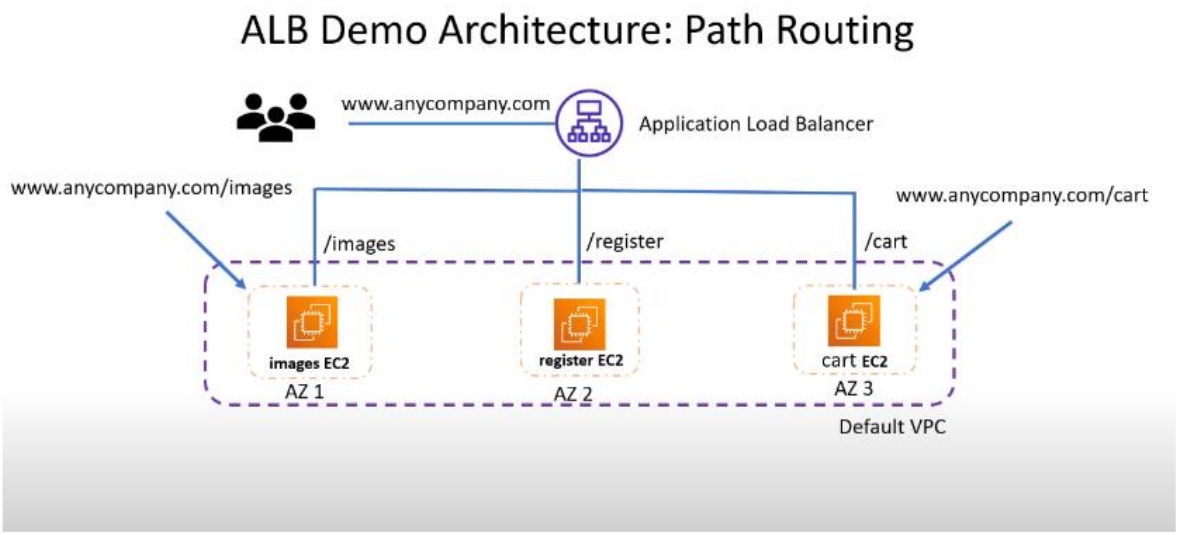
Creating AWS EC2 instance with Load Balancer and deploying an application on it.

Step 1- We are going to make a schema like this



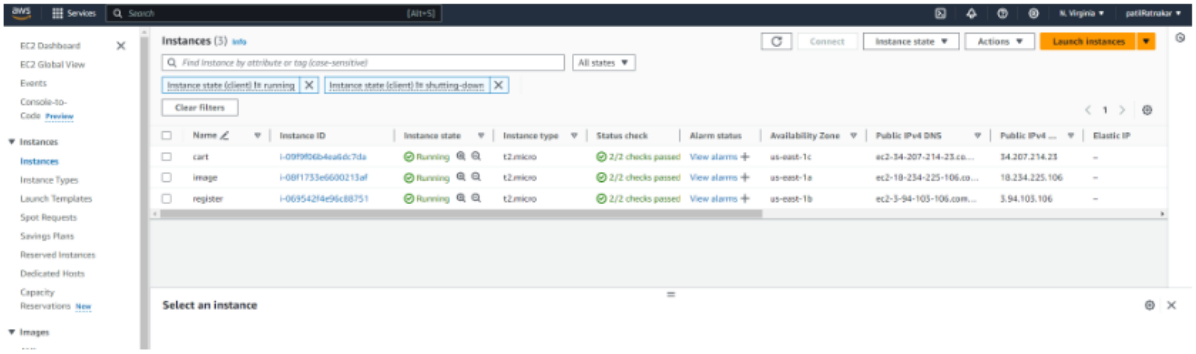
Step 2- Use this Script

User data - *optional* Info
Enter user data in the field.

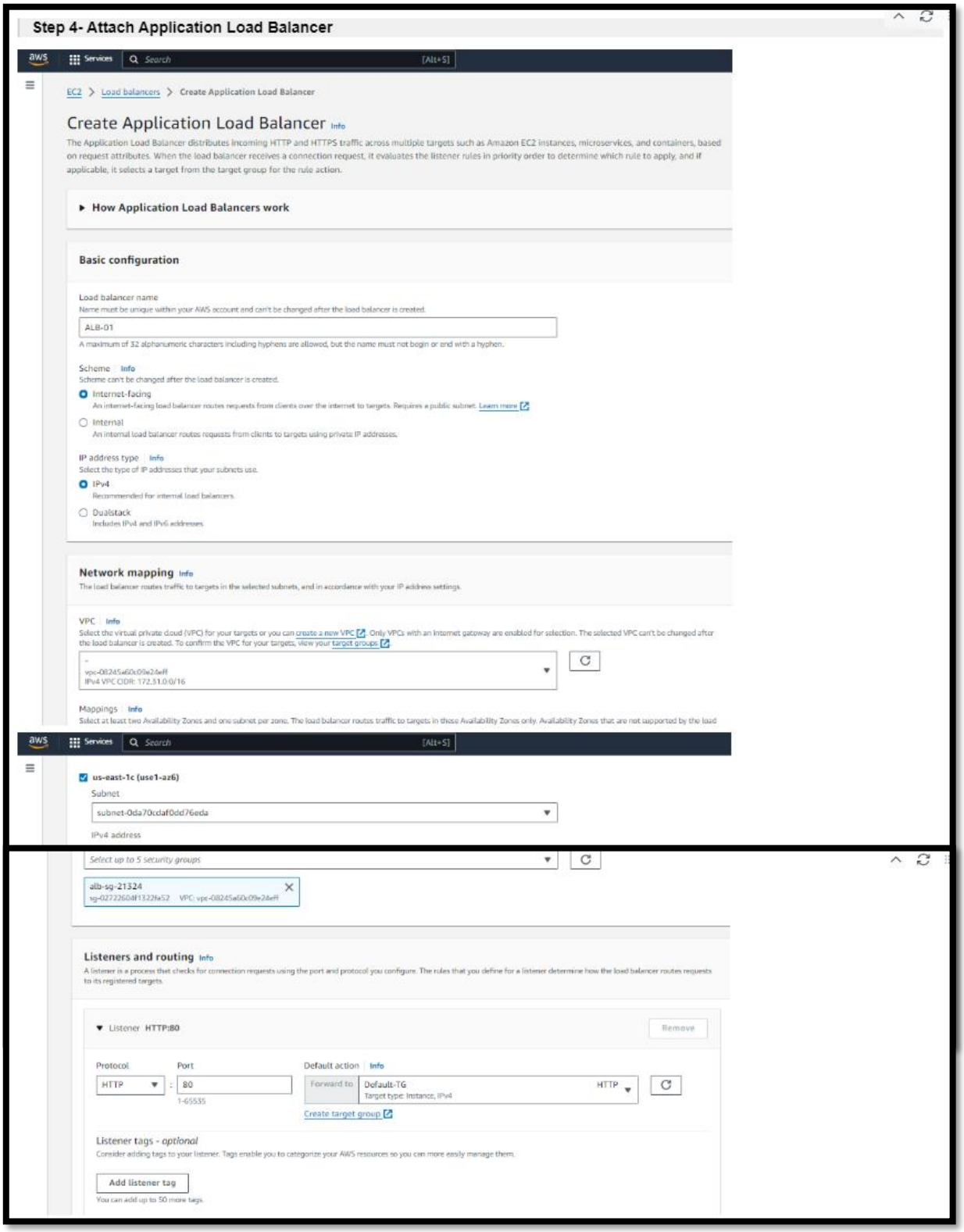
```
#!/bin/bash
yum install httpd -y
service httpd start
chkconfig httpd on
mkdir /var/www/html/register
echo "<html><h1> This is the registration server</h1>
</html>">/var/www/html/register/index.html
```

Step 3- Login to AWS Management Console and Launch 3 EC2 Instace.

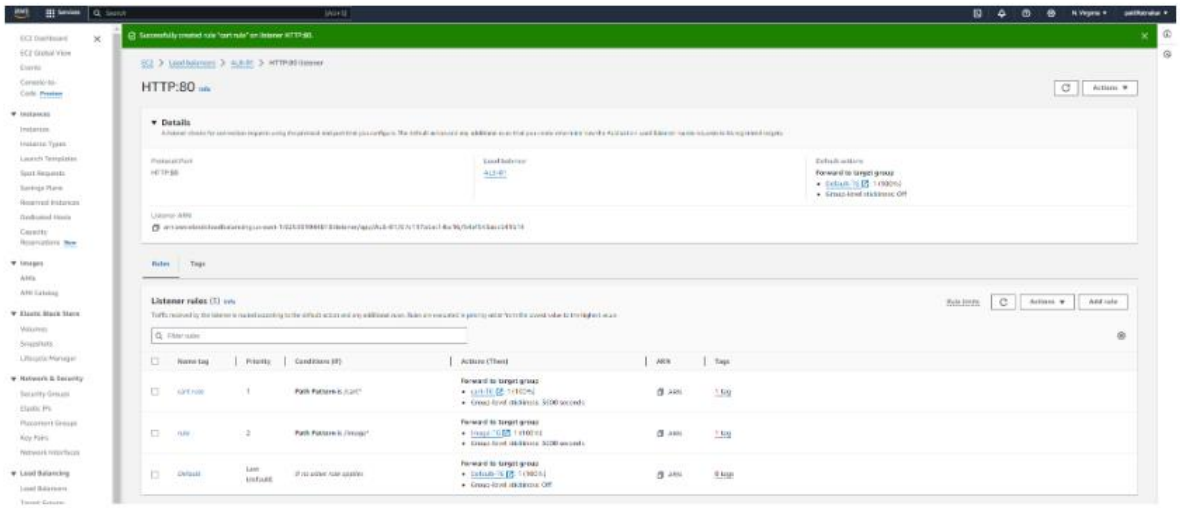
1. register instance
2. image instance
3. cart instance



Step 4- Attach Application Load Balancer



Step 4- Set Listener Rules to Load Balancer



Step 5- Check wether the ALB distributing the load to desired target group

1. For Registration

This is the registration server

2. For Image

This is the image server

3. For Cart