HOW TO CREATE A CLASSIC LOAD BALANCER ?

Task vpc : 172.20.0.0/24 two subnets of 10ips

Subnet 1 :172.20.0.0/28

Subnet 2: 172.20.0.16/28

PROCEDURE:

- Create two instances on diffrent AZ.
- Give security group http and ssh.
- Connect the machine.
- Install the web application on both machine terminals (putty) .
- Commands for installing :
- sudo yum install httpd -y
- sudo service httpd start
- sudo chkconfig httpd on
- sudo vi /var/www/html/index.html
- Give content in both the machine .
- Now pick the public IP of both the machine and paste in new tab of chrome you will see the
- Content you gave.
- Now i have to view the contents together so i have to create a load balancer to view my contenets

- Together
- Create new load balancer select type (classic)
- Enter a name
- Associate min 2 subnets - assign a security group - health check-associate the instances- create
- Now copy the DNS and paste on a new tab in chrome now you will visible your contents

- FOR PRIVATE AND PUBLIC MACHINE SAME STEPS BUT NAT SHOULD BE GIVEN
- 1.for craeting with private and public machine internet should be given through nat instances
- so these are the steps should be followed for CLASSIC LOAD BALANCER

HOW TO CREATE A APPLICATION LOAD BALANCER :

- Same steps are followed till machine creation

- Now go to load balancer select application load balancer
- Giving a LB name
- Selecting scheme as internet facing -Ip address type - Ipv4
- DUALSTACK means support v4 and v6
- Network mapping - selecting my vpc - choosing my subnets
- Selecting a security group created for instances .

- Making a target group - type (instances) - target group name - next - now select the target group
- Select the subnets include as pending
- Create load balancer

HOW TO CREATE A NETWORKING LOAD BALANCER:

- Same steps followed till machine craetion

- Now go to load balancer select network load balancer
- Giving a lb name
- Selecting scheme as internet facing -Ip address type - Ipv4
- DUALSTACK means support v4 and v6
- Network mapping - selecting my vpc - choosing my subnets
- Selecting a security group created for instances .
- Making a target group - type (instances) - target grooup name - next - now selct the target group
- Select the subnets incude as pending
- Create load balancer