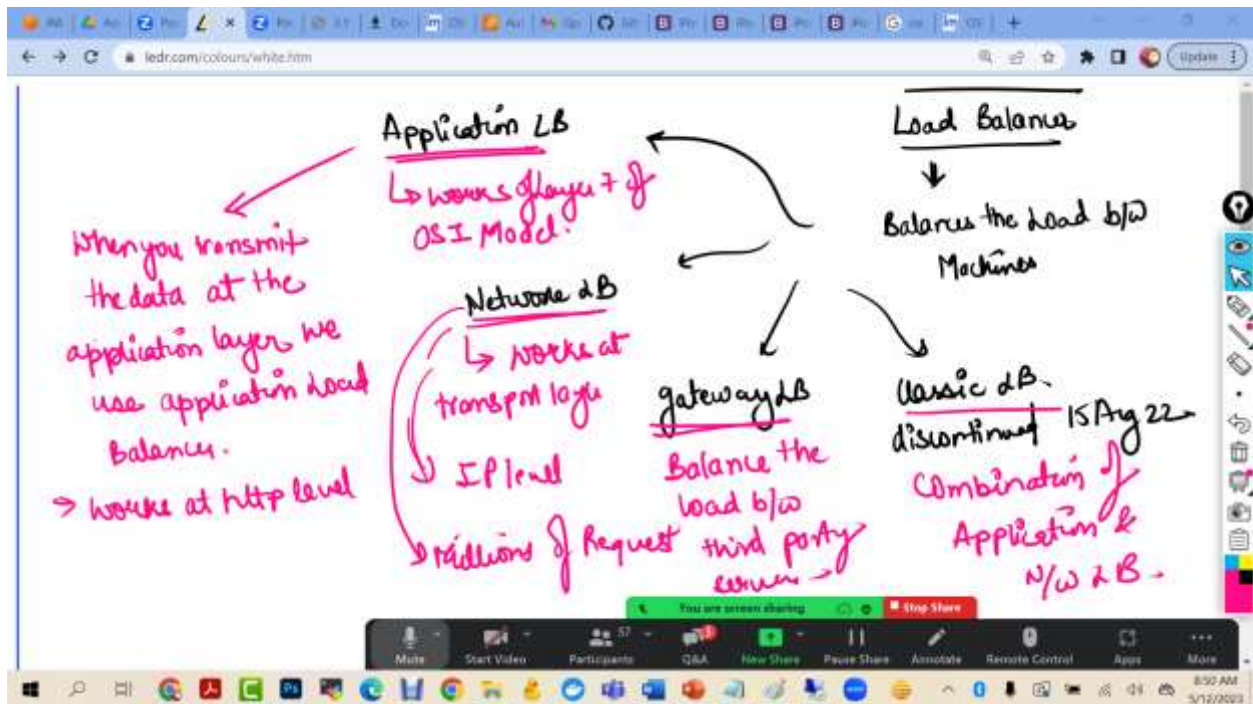


## Load balancer



We will launch two servers and distribute the load between those servers

In one ec2 machine (linux) launch hi world website

In another ec2 machine (linux) launch hello me website

And then we will create a lb endpoint where we will traffic will be shared between machines

### 1) Create two linux machines

Machine 1:

```
sudo su
```

```
yum install httpd -y
```

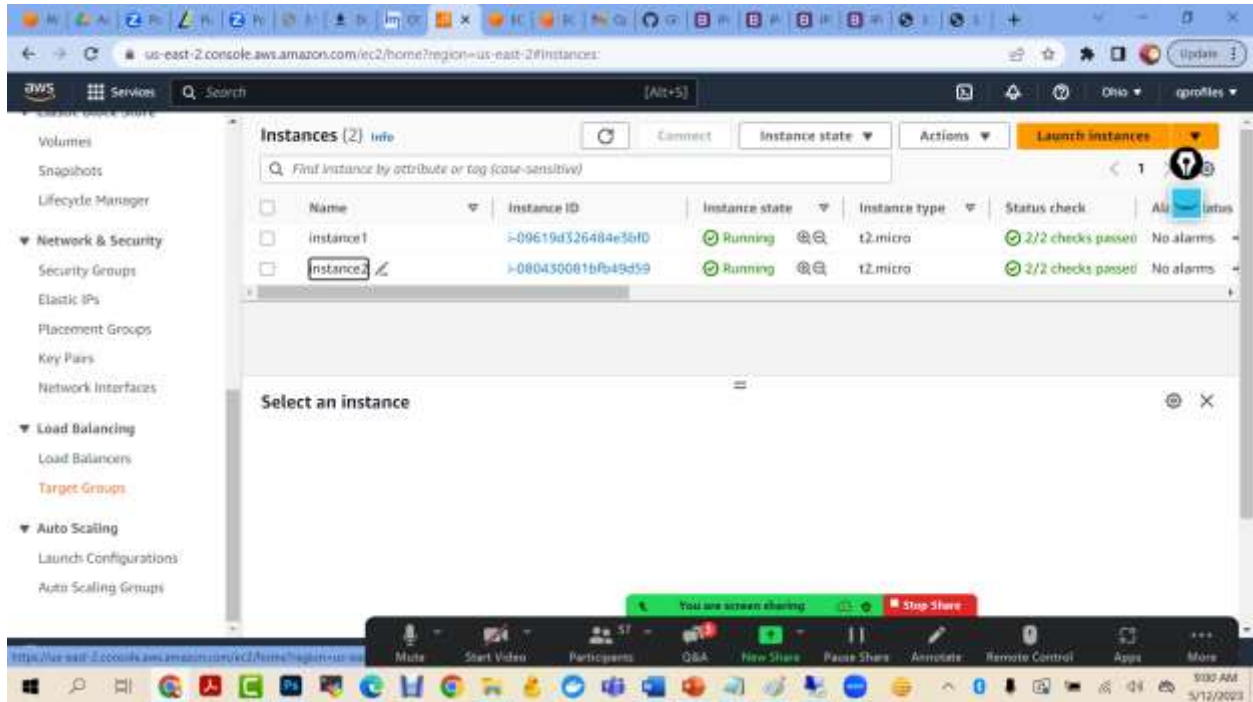
```
service httpd start
```

```
vi /var/www/html
```

```
hi world
```

Similarly in second machine and write hello me content in that

2) We will create a Target group

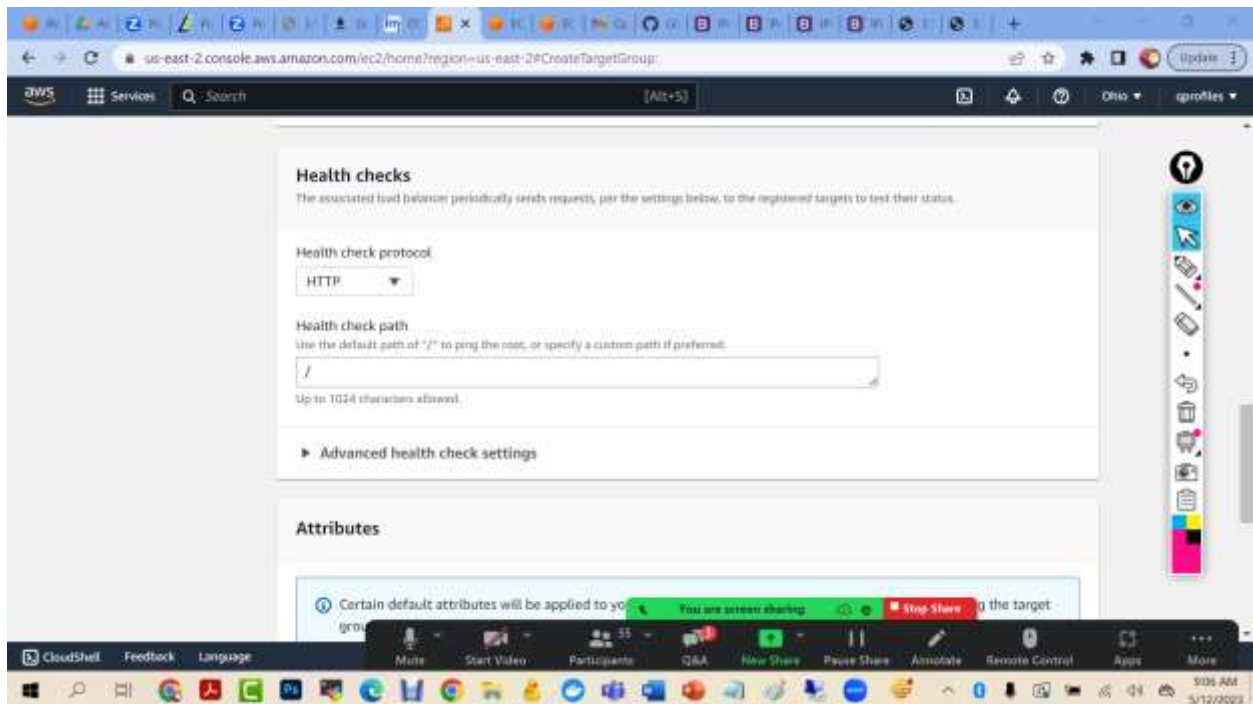
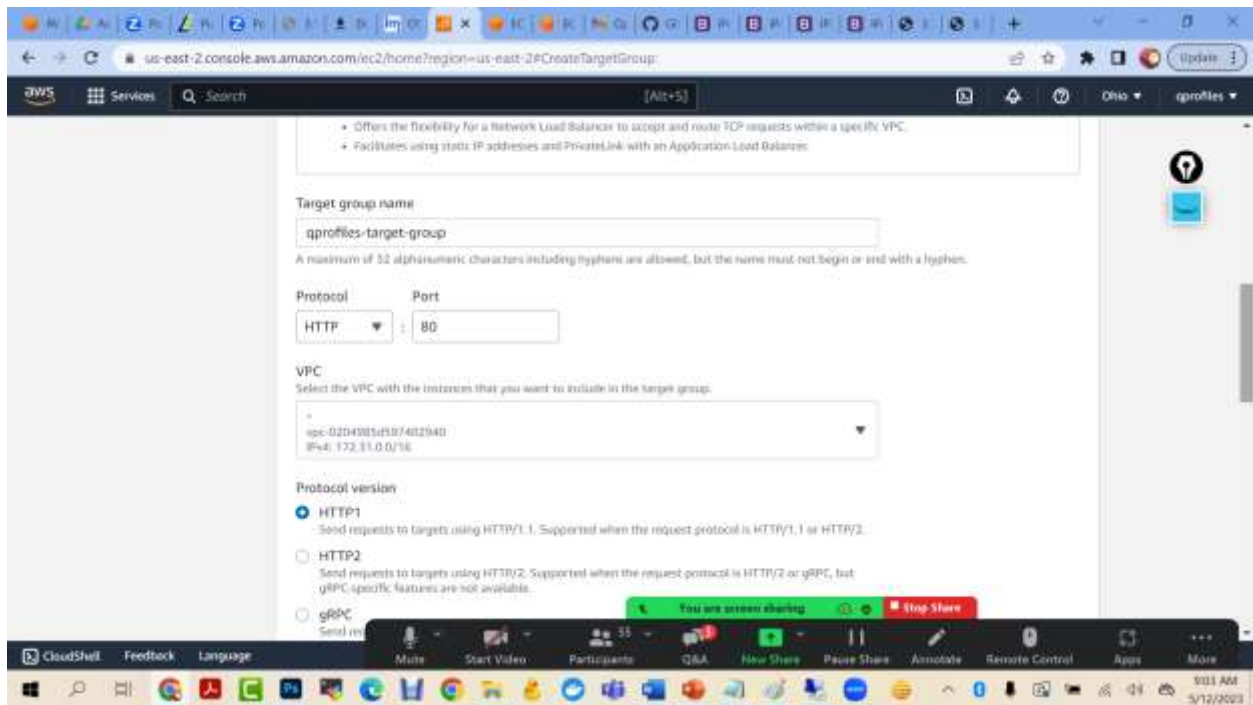


In target group we will decide between which machines we want to distribute the load

Create target group

Select instances

Give name of the target group

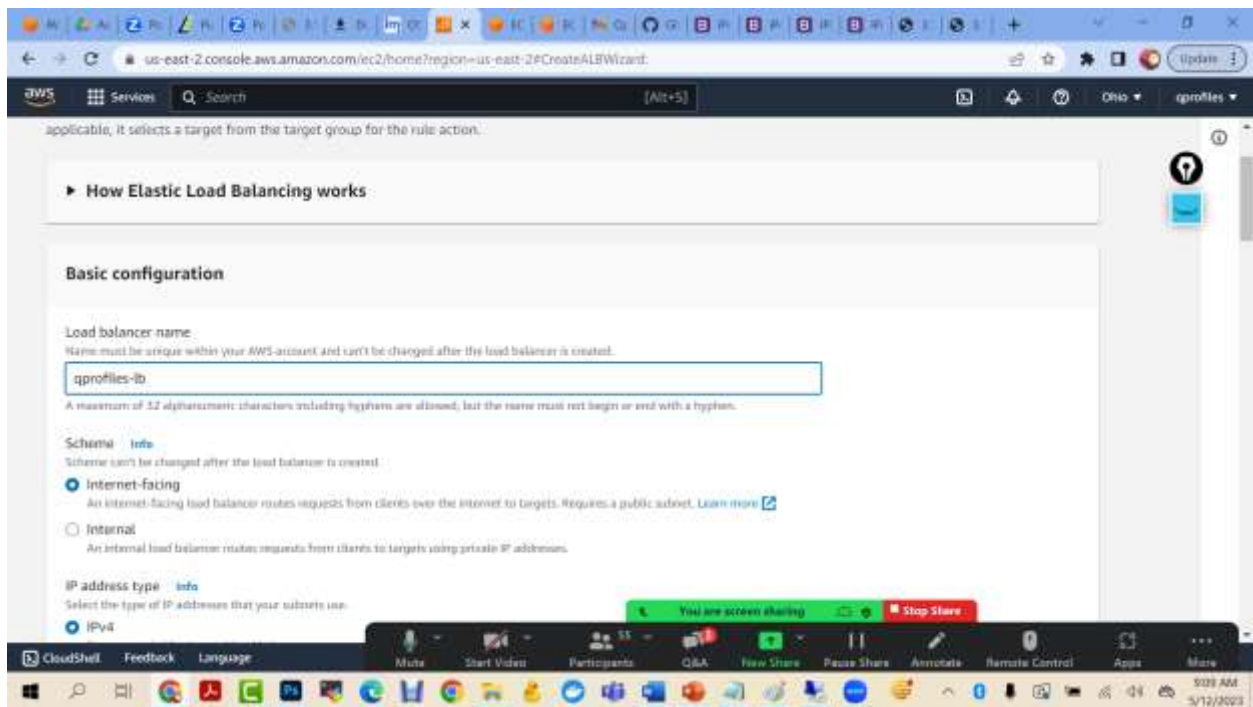


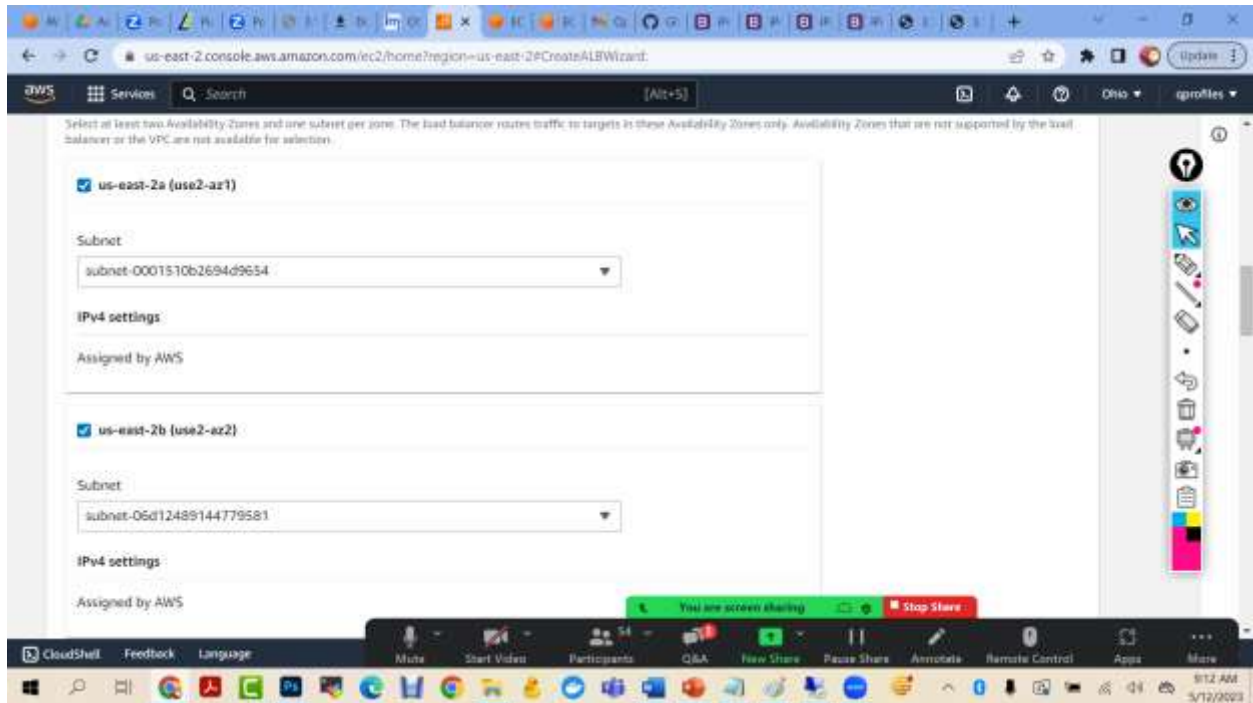
In register target select both the machines and ADD as pending below

Create target

3) Go to load balancer and create a load balancer

Create application loadbalancer

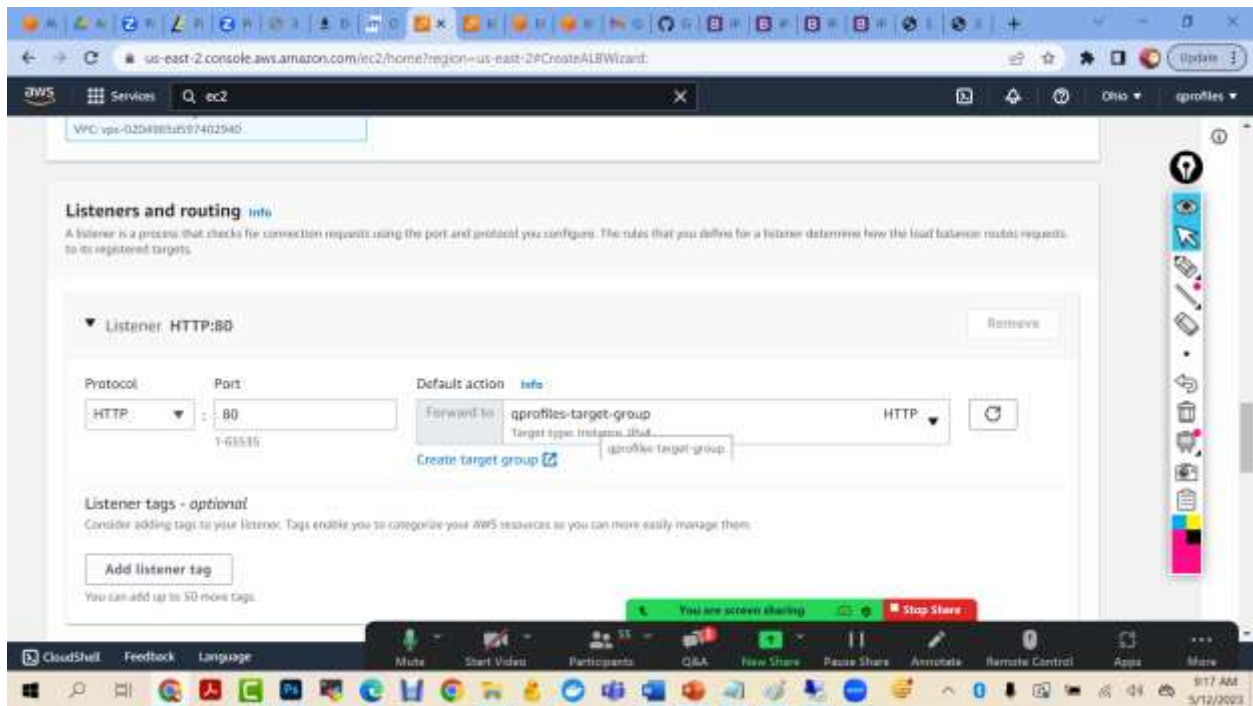
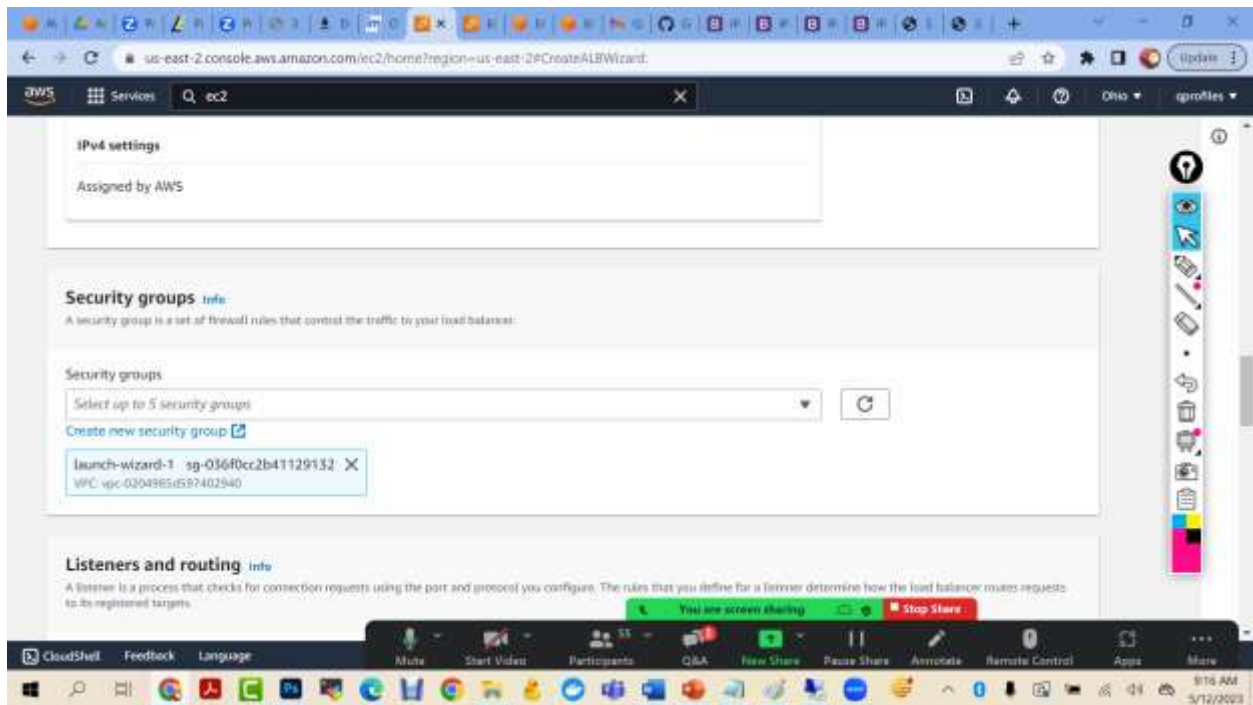




Select all the subnet

In security group select the security group which u have selected while creating the machines

( To get the security group -> go to ec2-> instances -> select machine -> at the bottom u will see the security group name)



Create a load balancer



After the lb is provisioned u will see that our traffic is distributed between multiple machines

Copy the dns name



