Reference on : https://aws.amazon.com/fr/blogs/big-data/running-r-on-aws/

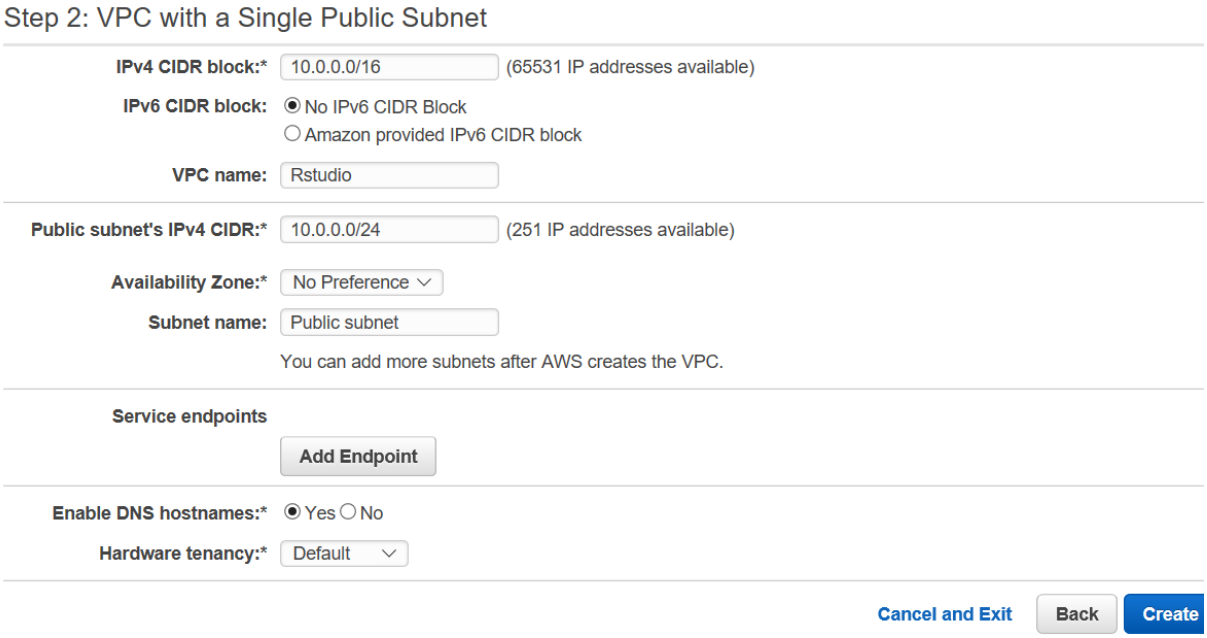
TASK 1 VPC Creation

1 In the **Services** console select **VPC Start VPC WIZARD**

Select : **VPC with a Single Public Subnet**

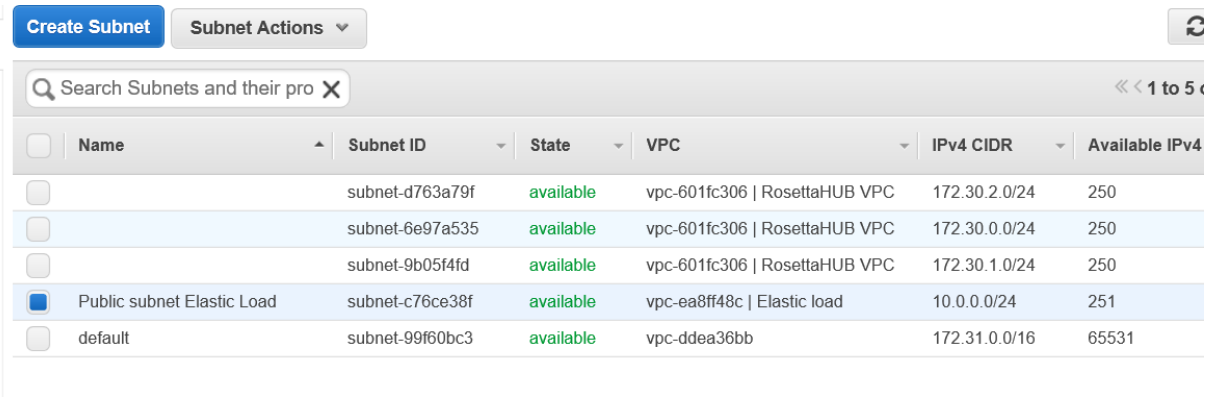
Click **Select**

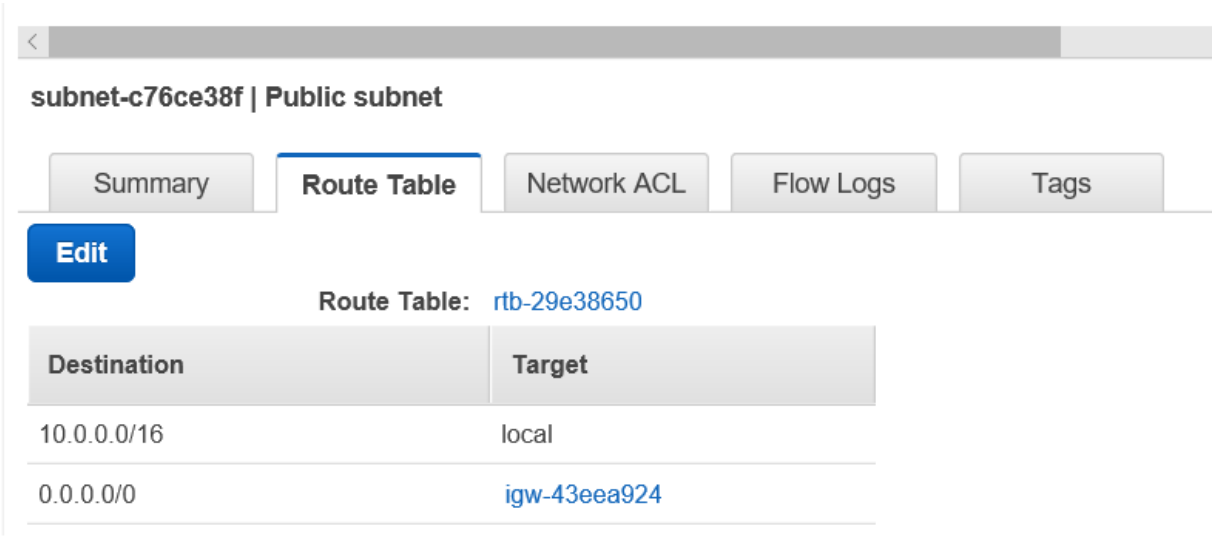
Change the VPC name with loadbalancer



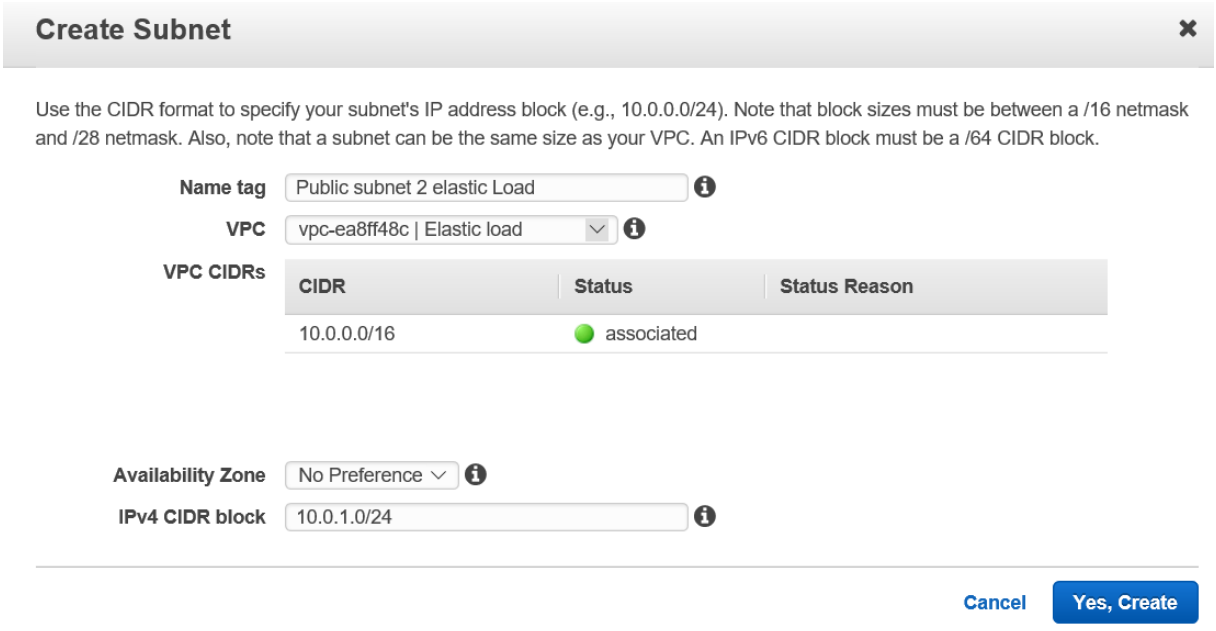
Click **OK**

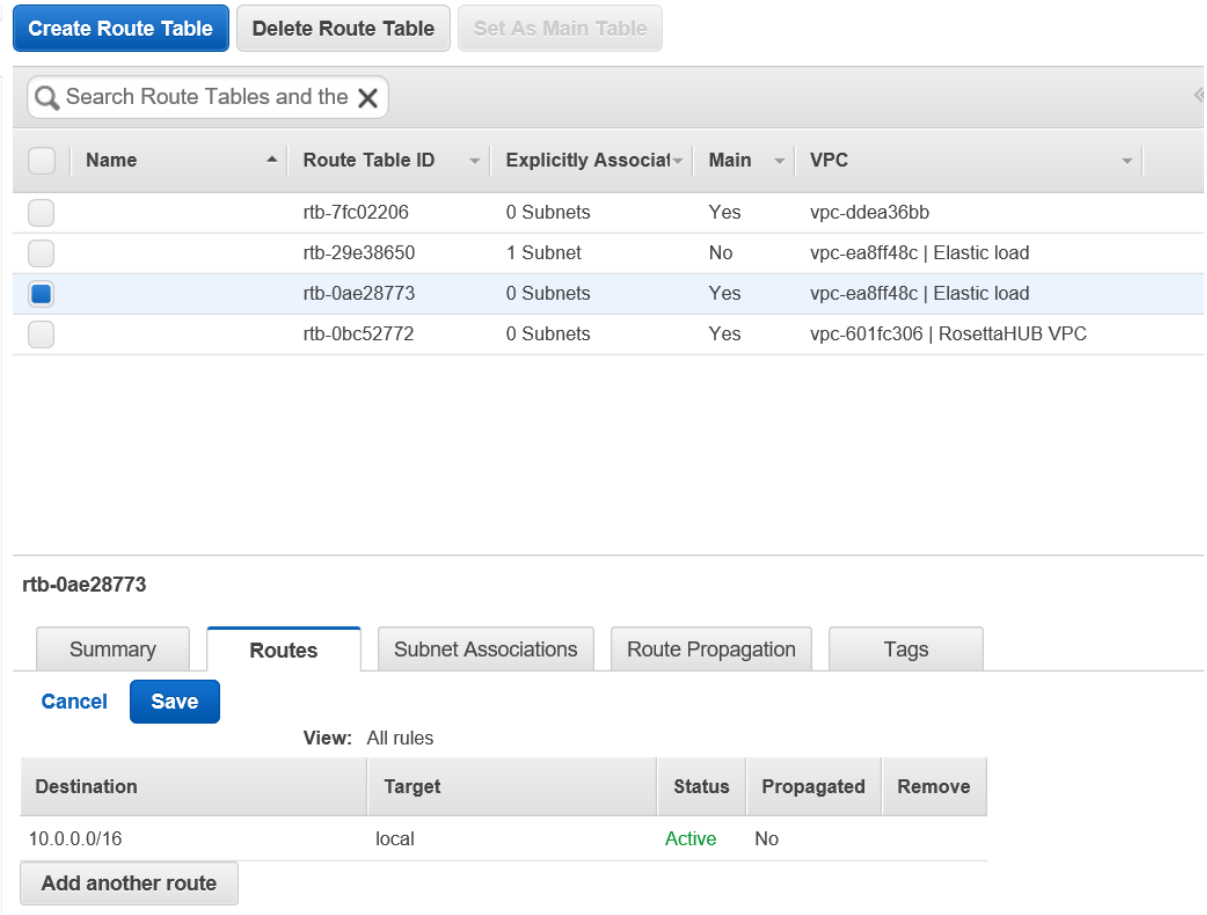
Check the route table of the public subnet (modify the name by clicking on the Name):



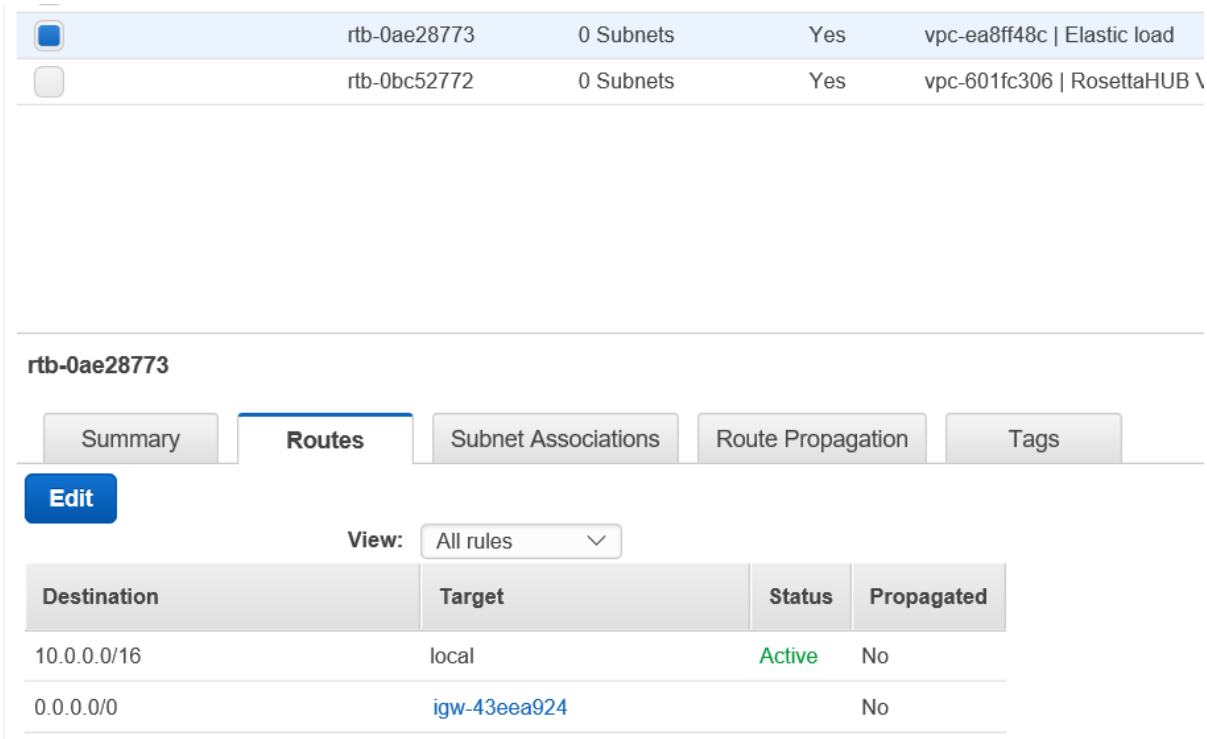


2/ Creation of a second public subnet modifying the IPV4 and mask



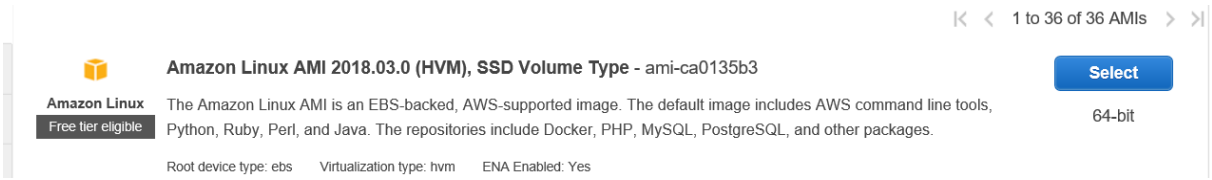


3/ Define the same IGW in the route table of the second public VPC than the first one.

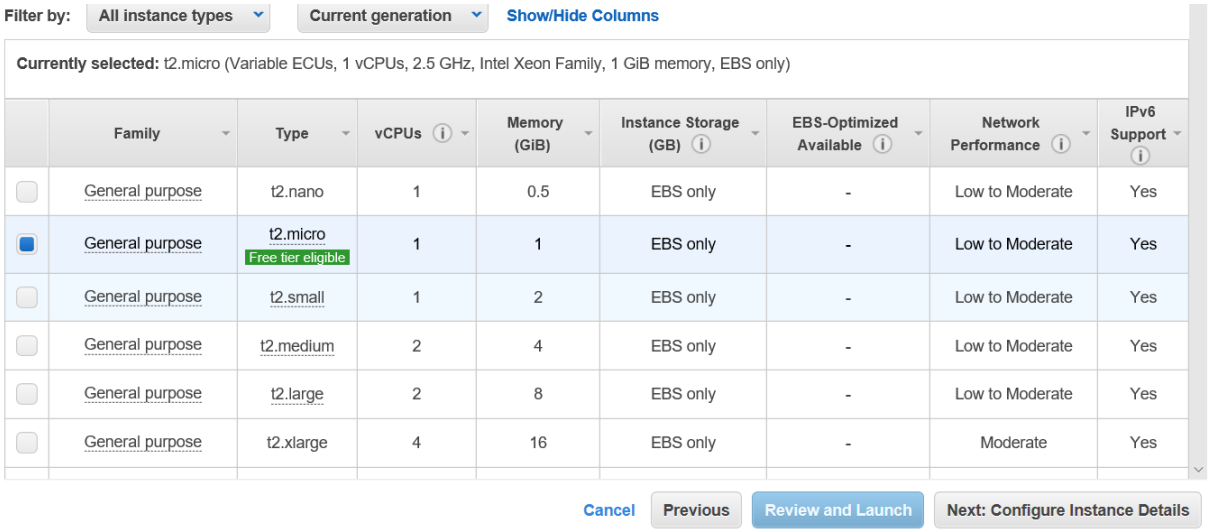


Task 2 : lauch the EC2 instance

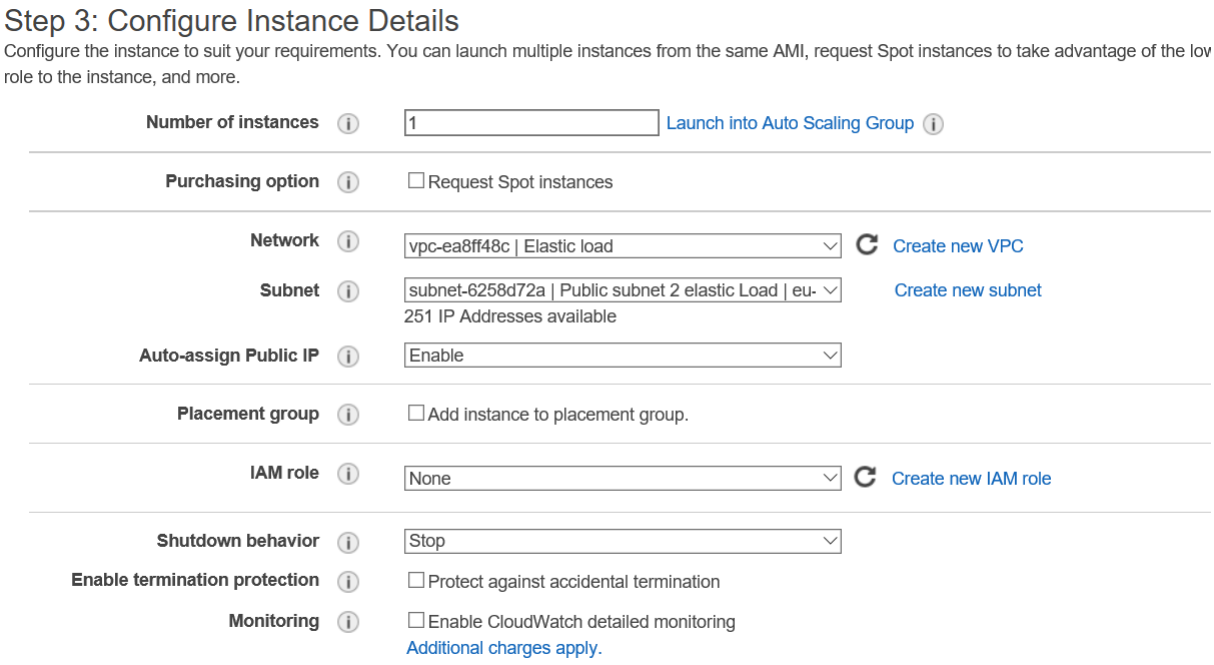
1/ Go to **Services** console and select **EC2** , on left pane select **instance** then **Launch Instance.**



Select the Amazon Linux and then select t2.micro.



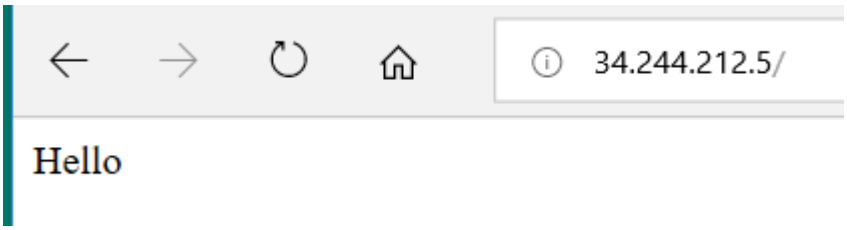
Select the good VPC and apply this for the 2 subnets

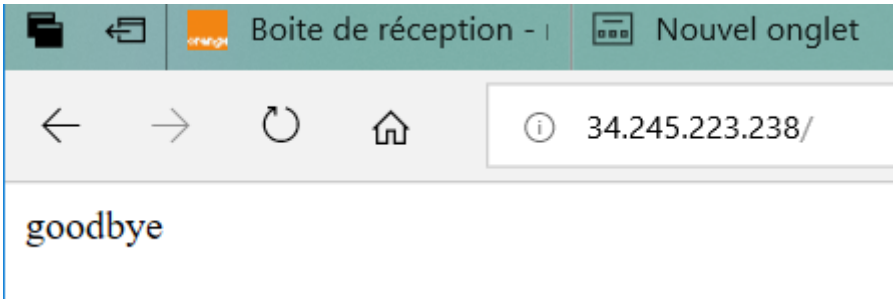



```
#!/bin/bash
sudo yum update -y
sudo yum -y install httpd
```

sudo service httpd start

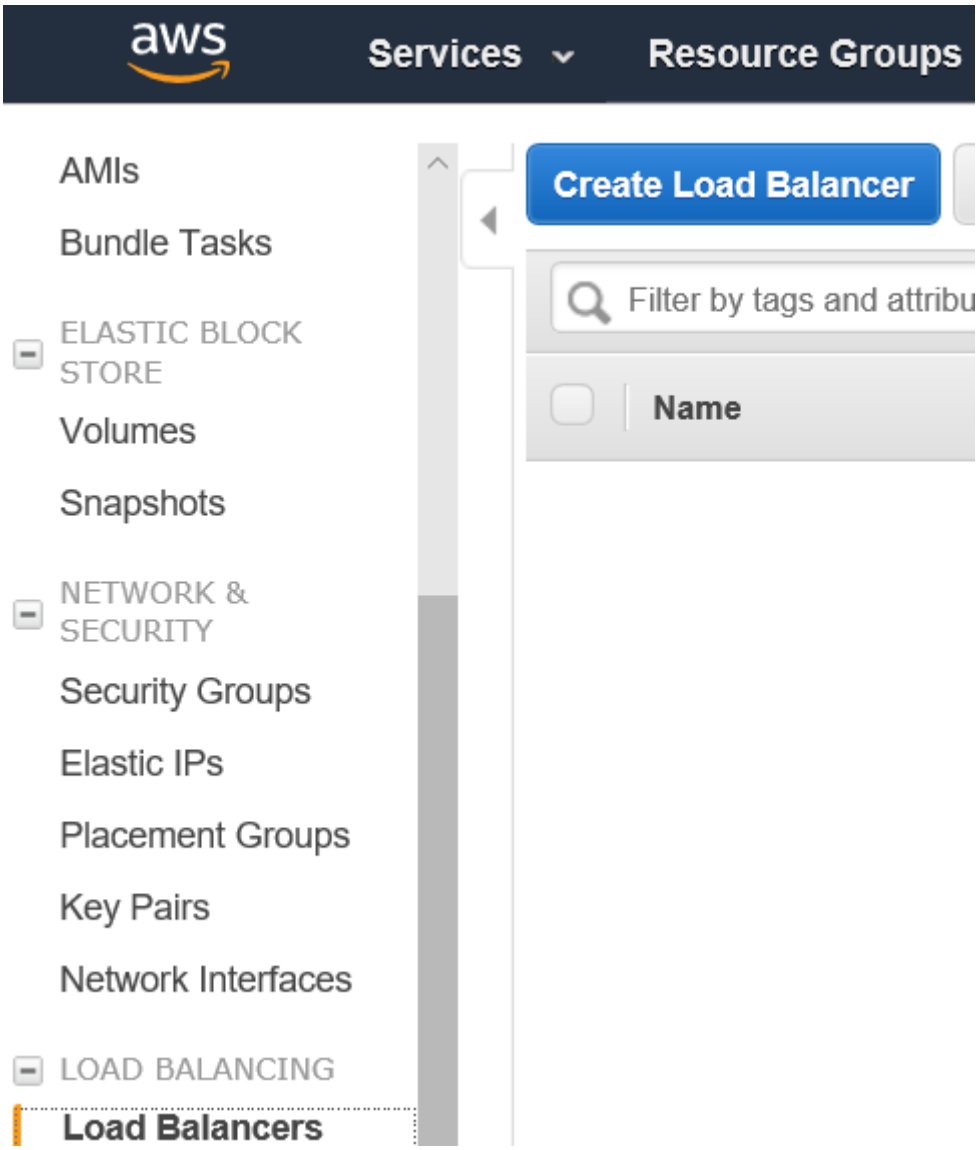
sudo bash -c 'echo Hello> /var/www/html/index.html'





Task Create Load balancer

On EC2 instance console



Select HTTP HTTPs

Select load balancer type

Elastic Load Balancing supports three types of load balancers: A
needs. Learn more about which load balancer is right for you

Application Load Balancer

Create

Choose an Application Load Balancer when you need a flexible feature set for your web applications with HTTP and HTTPS traffic. Operating at the request level, Application Load Balancers provide advanced routing, TLS termination and visibility features targeted at application architectures, including microservices and containers.

Learn more >