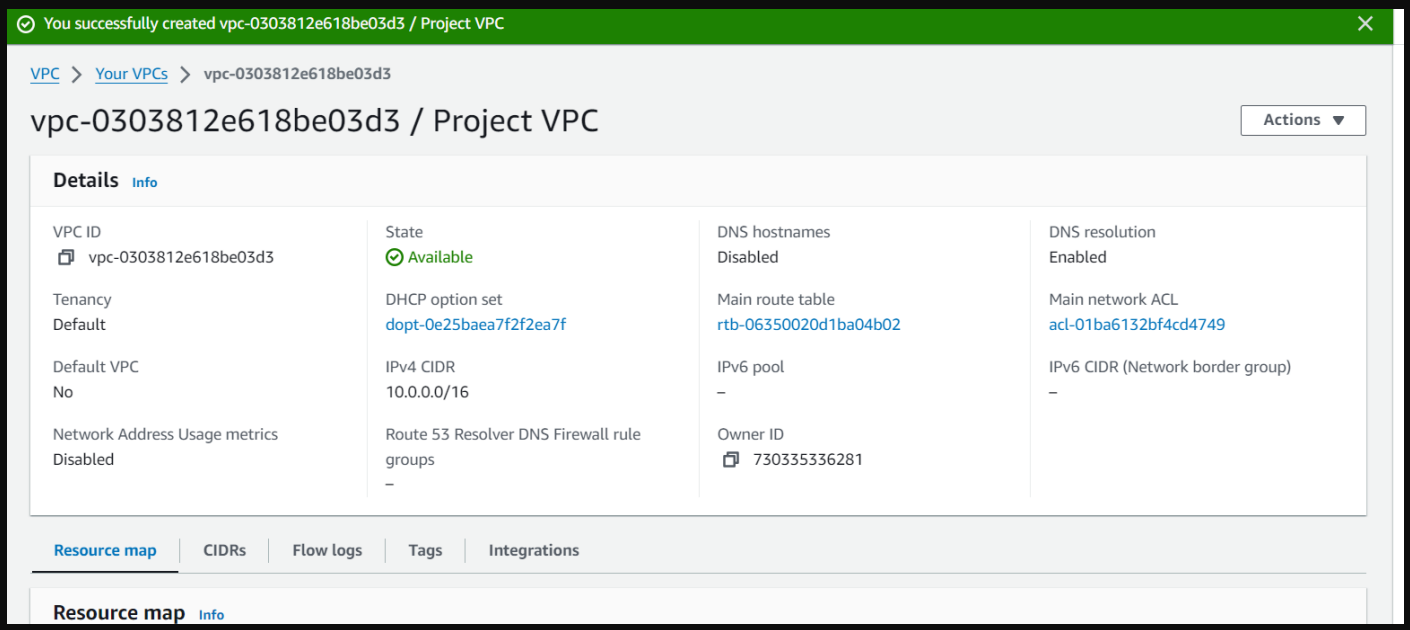
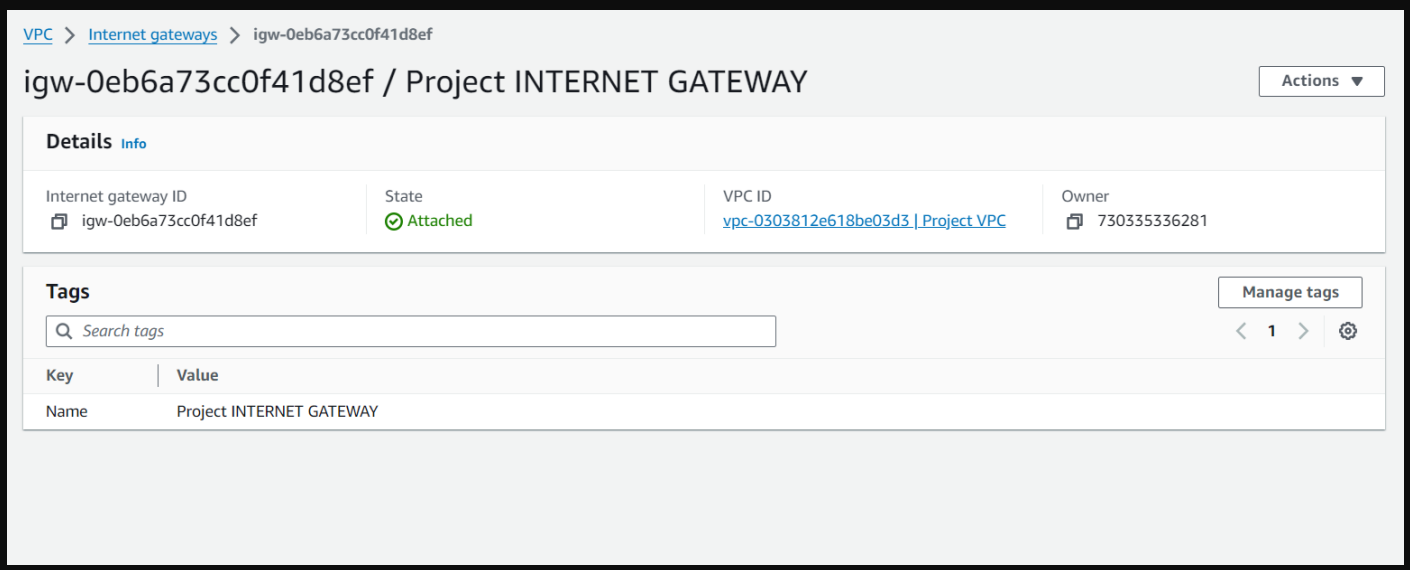
Static Website Deployment on AWS

Implementation

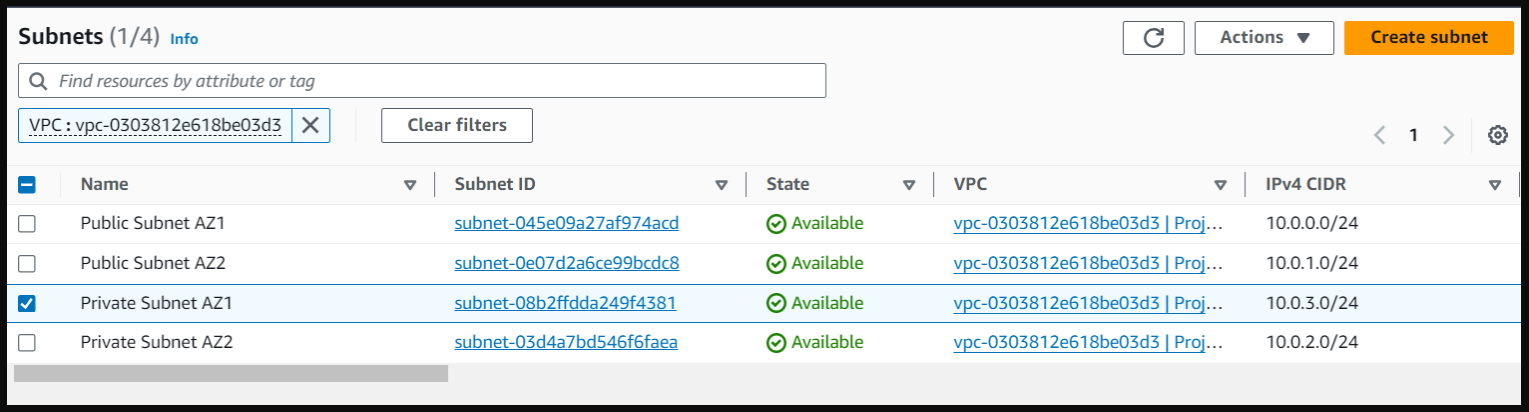
Creating VPC:



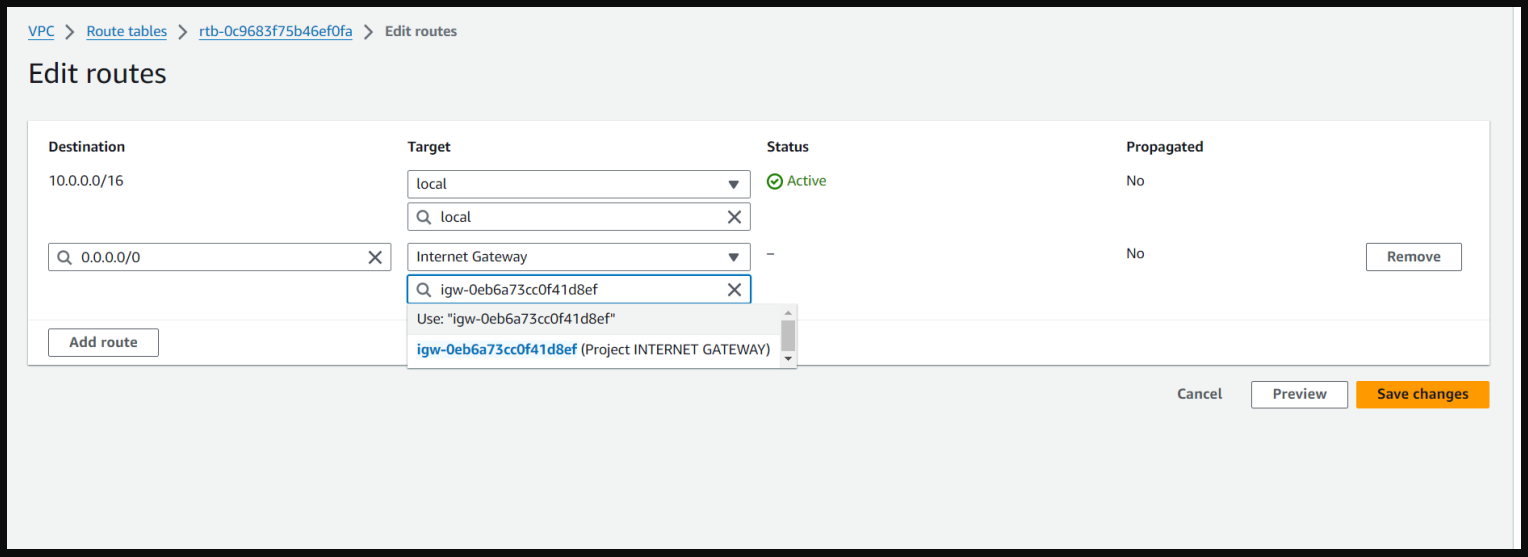
Creating Internet Gateway:

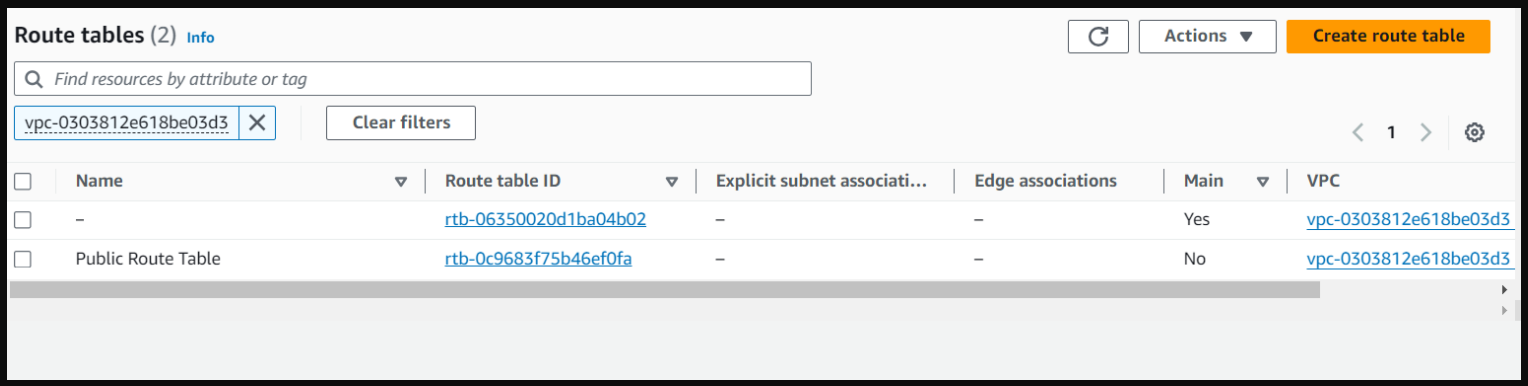


Creating Subnets : 2 private& 2 public:

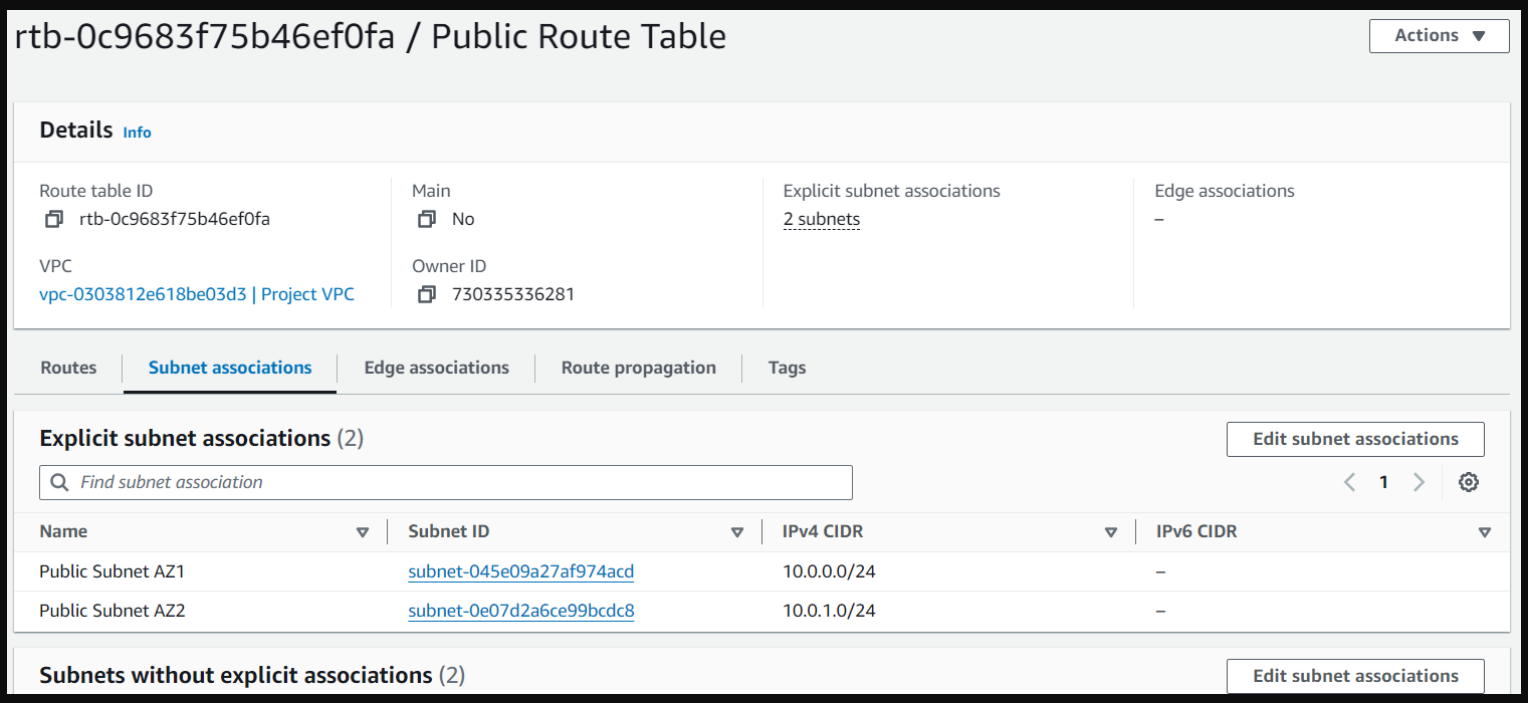


Create Public Route table:

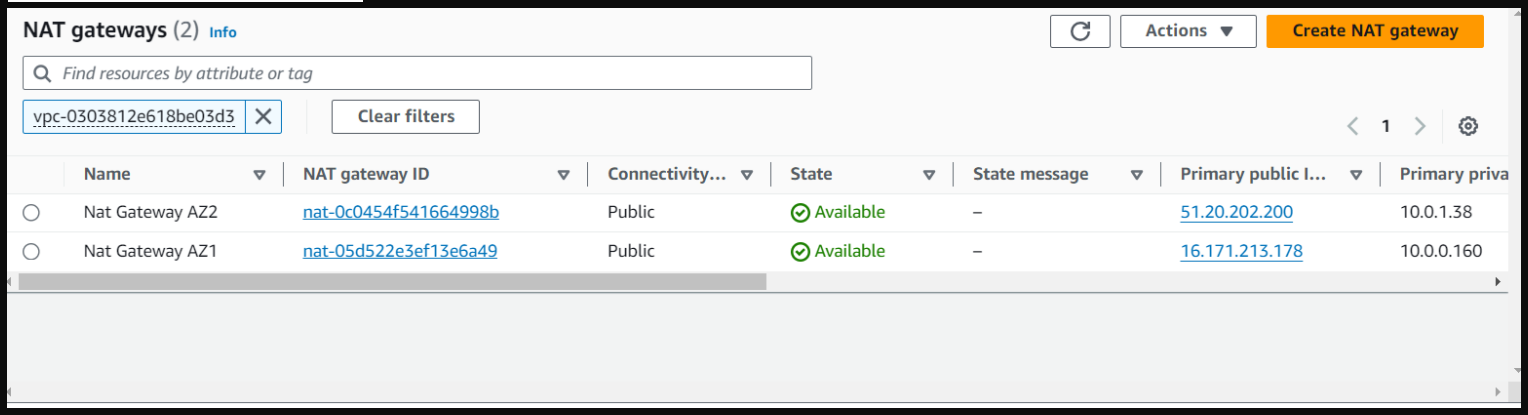




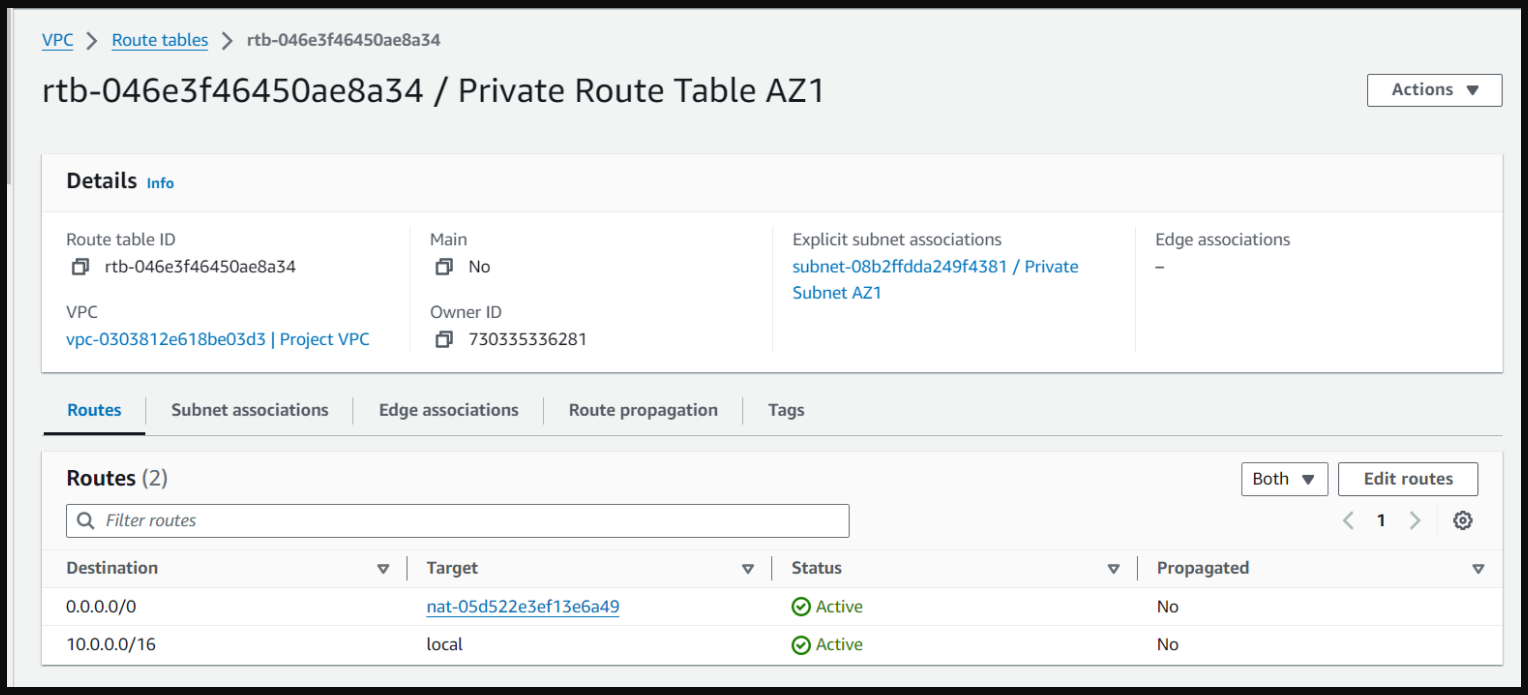
Subnet association with route table:

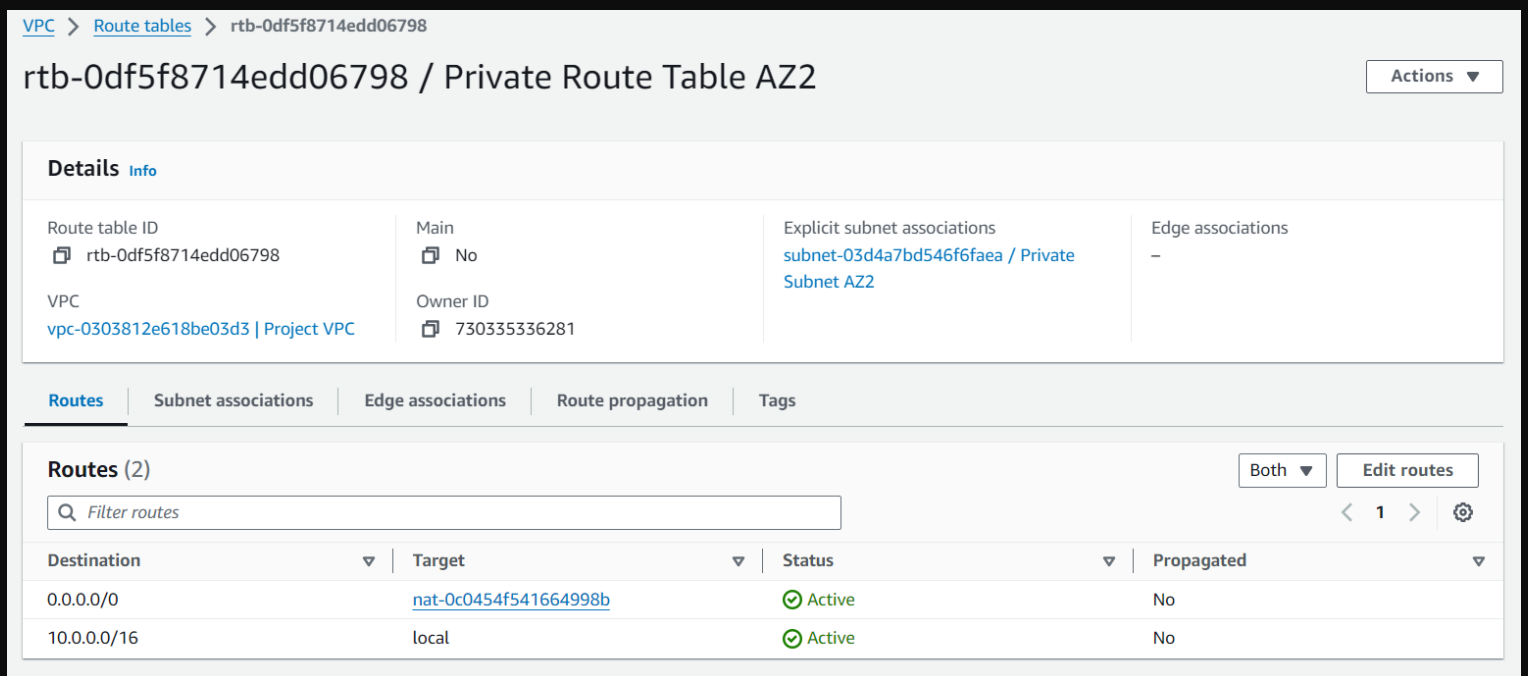


Creating NAT gateway:

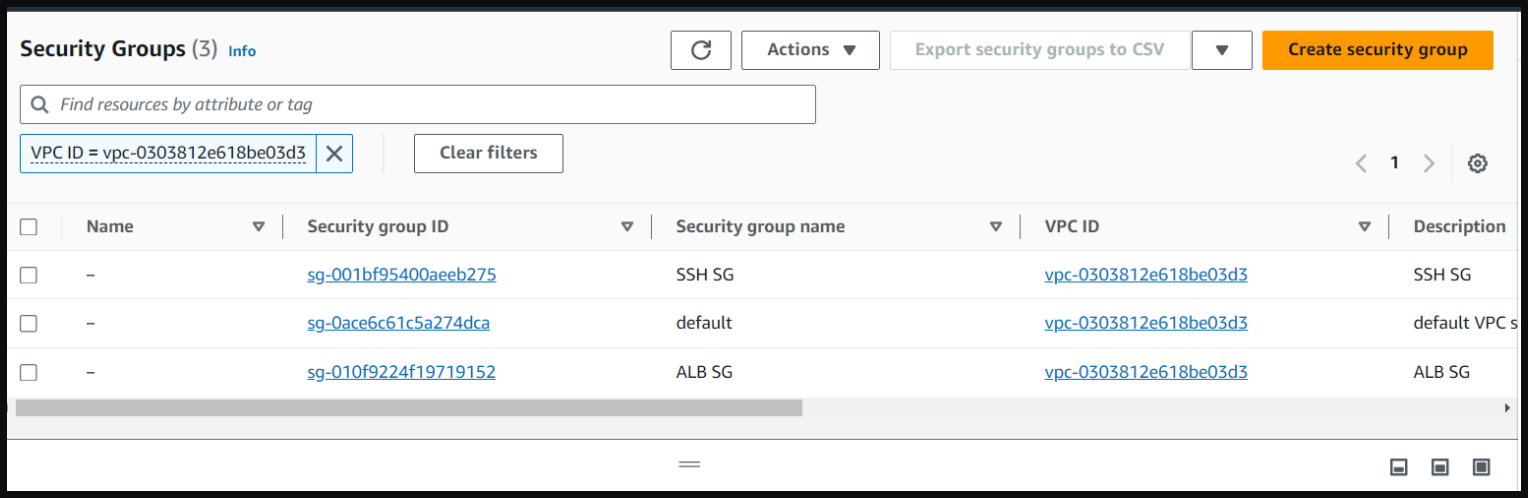


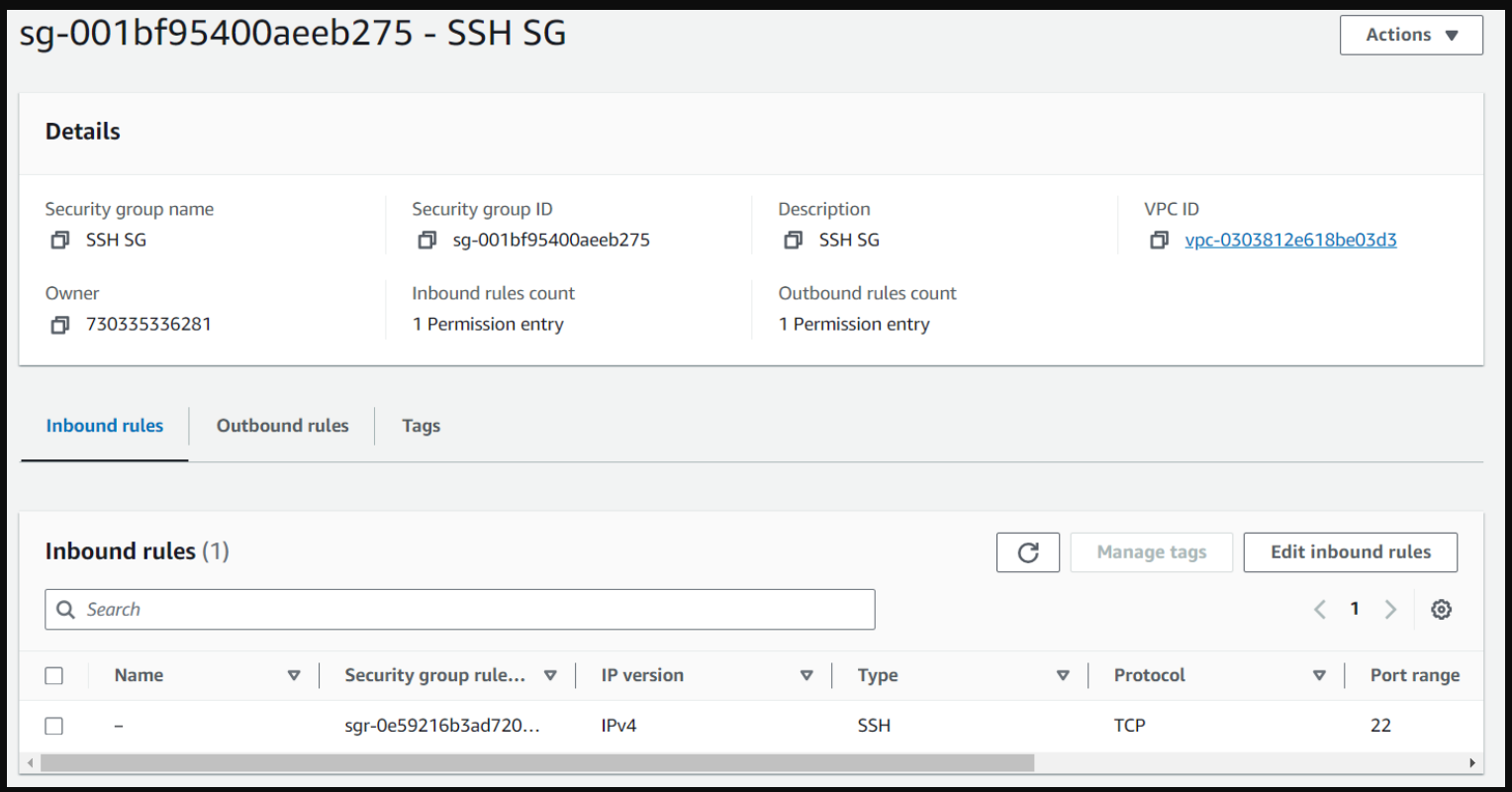
Create Private Route table:

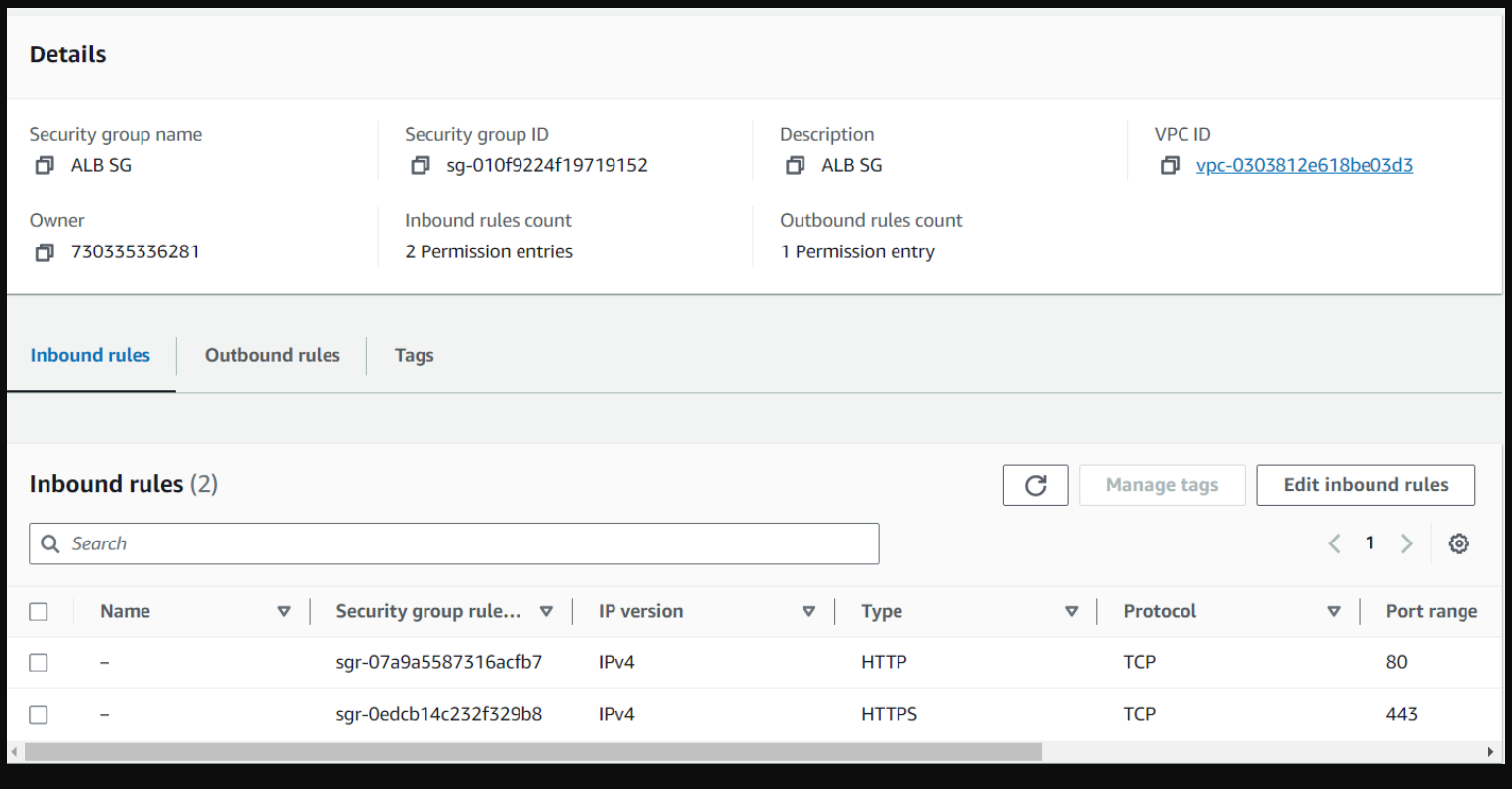




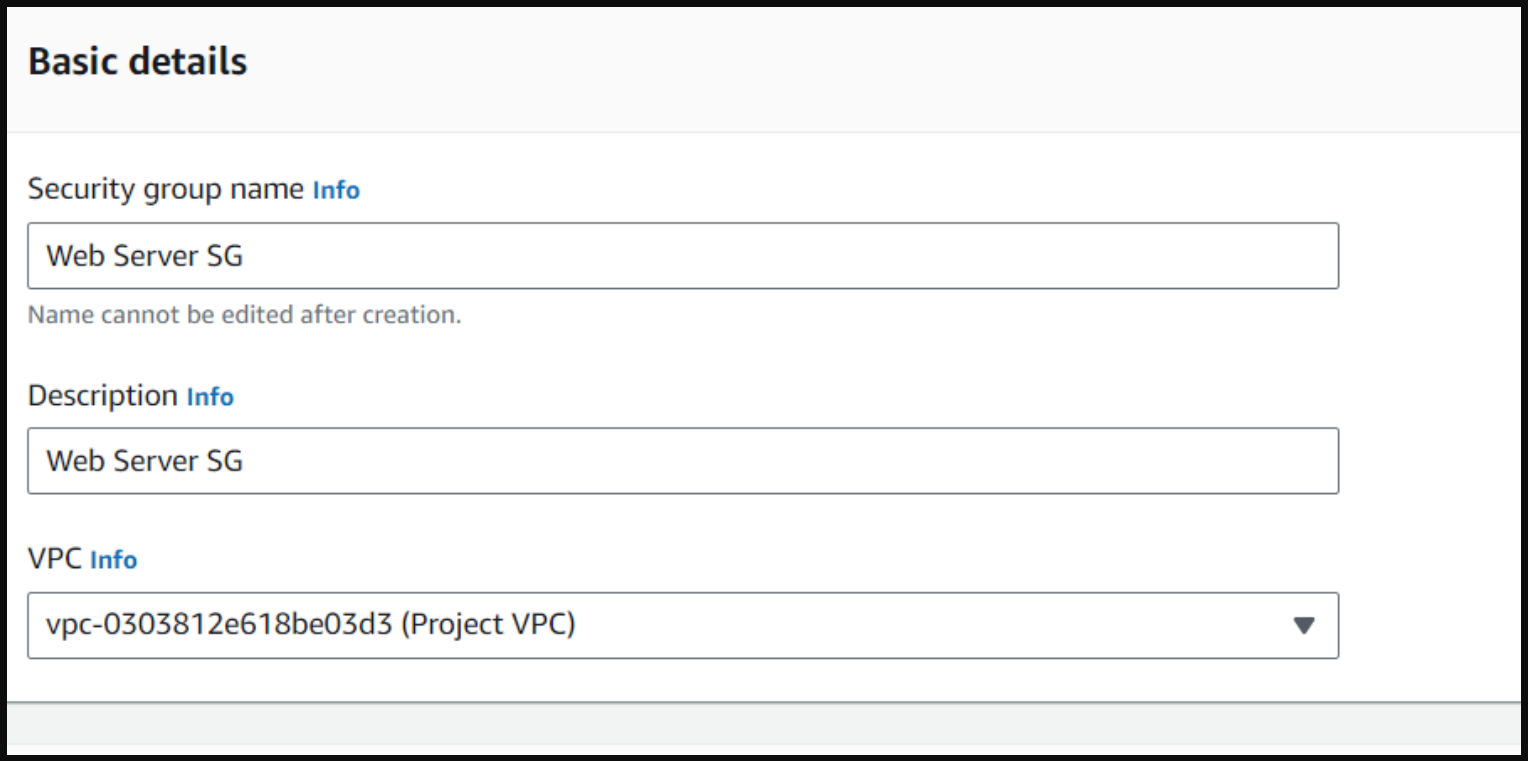
Create Security Groups and adding the Inbound rules:

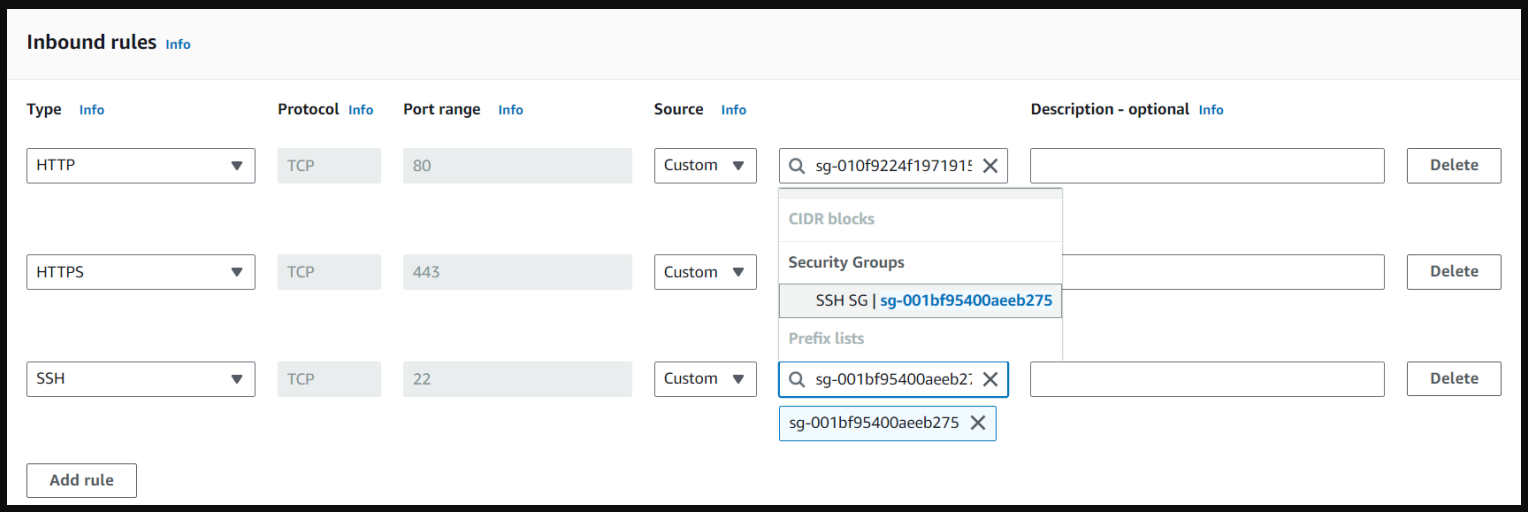




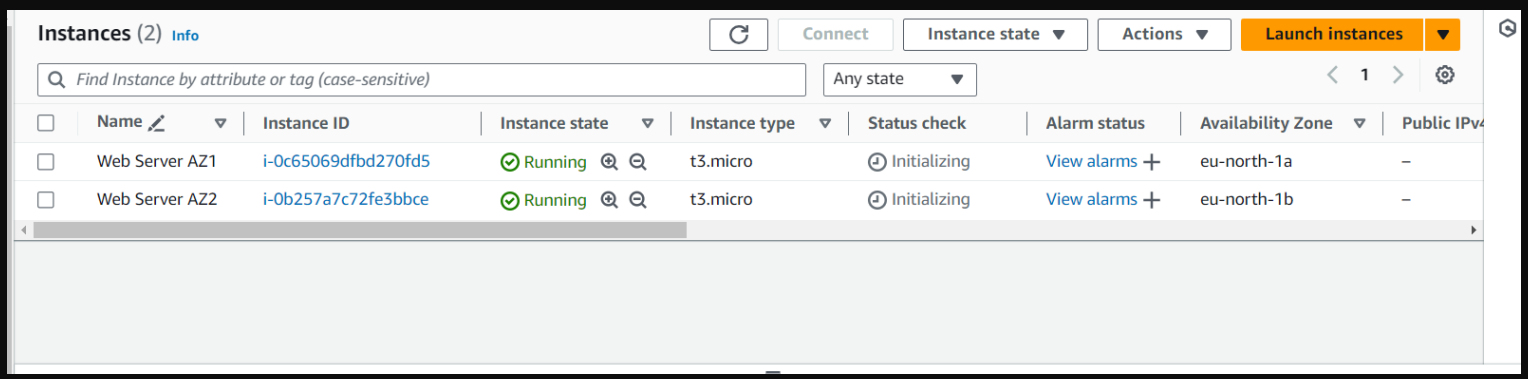


Creating Web server security group and adding the corresponding rules:





Launching ec2 instunce:

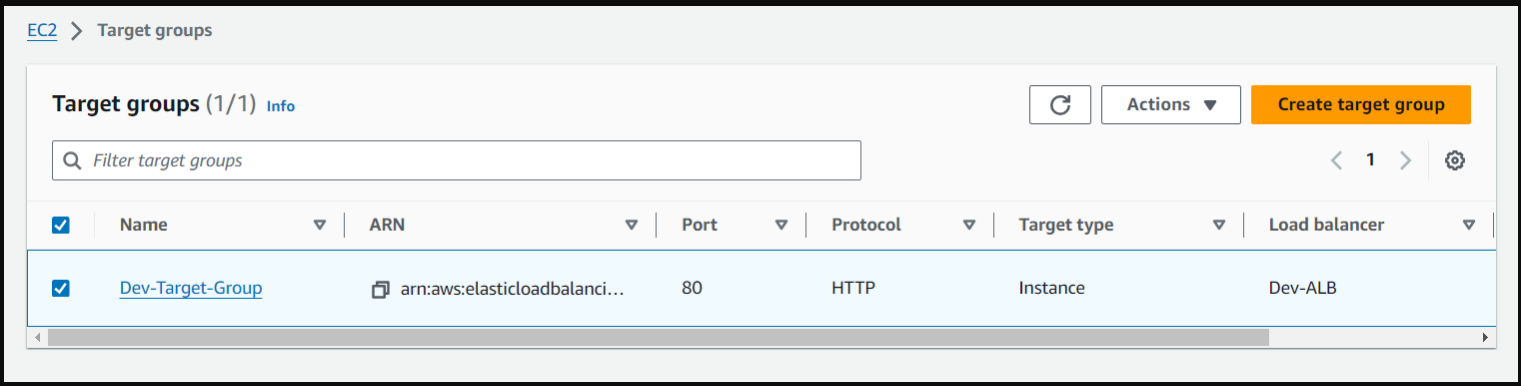


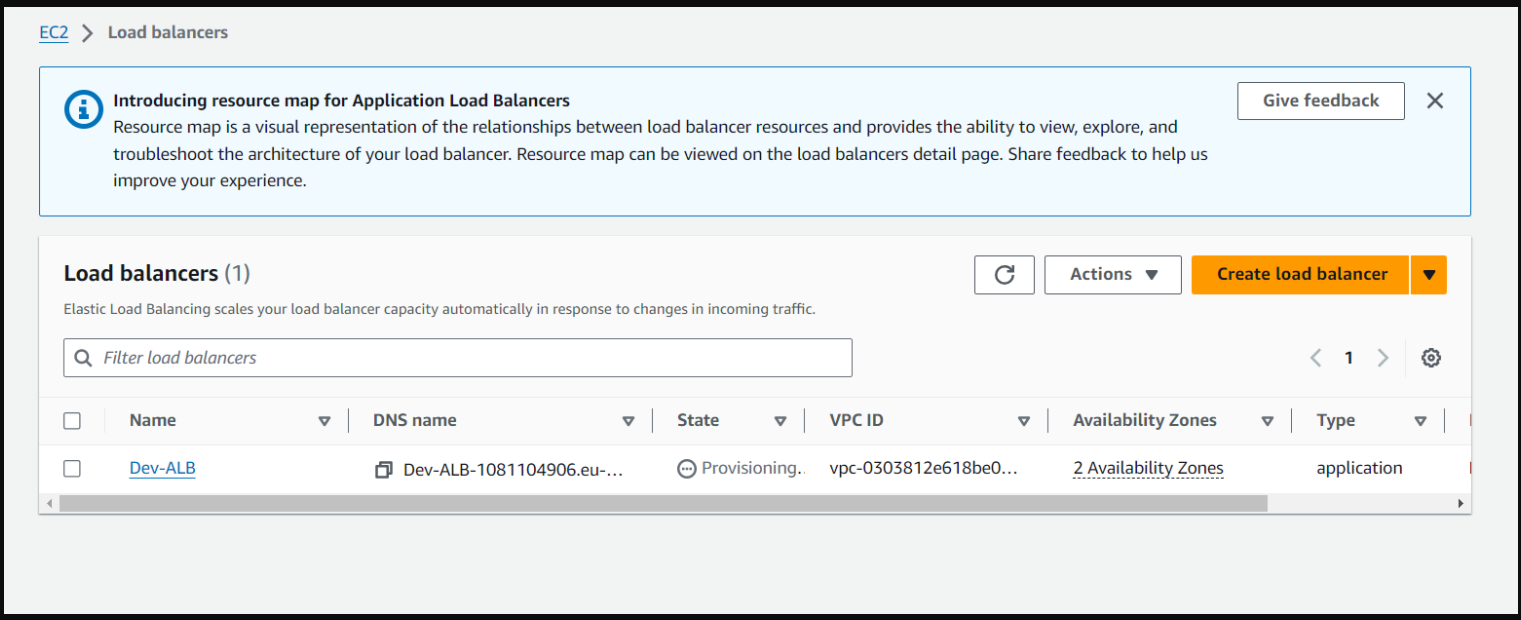
We wrote the bash Script:

```
#!/bin/bash
sudo su
yum update -y
yum install -y httpd
cd /var/www/html
wget https://github.com/azeezsalu/jupiter/archive/refs/heads/main.zip
unzip main.zip
cp -r jupiter-main/*var/www/html/
rm -rf jupiter-main main.zip
systemctl enable httpd
systemctl starr\t httpd
```

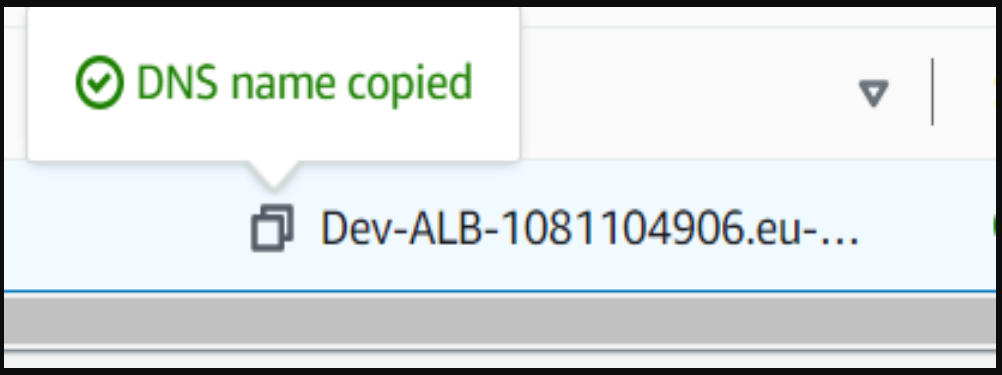
Application Load balancer:

target Groups:





Here we have to create target group in order to proceed.



Accessing dns: