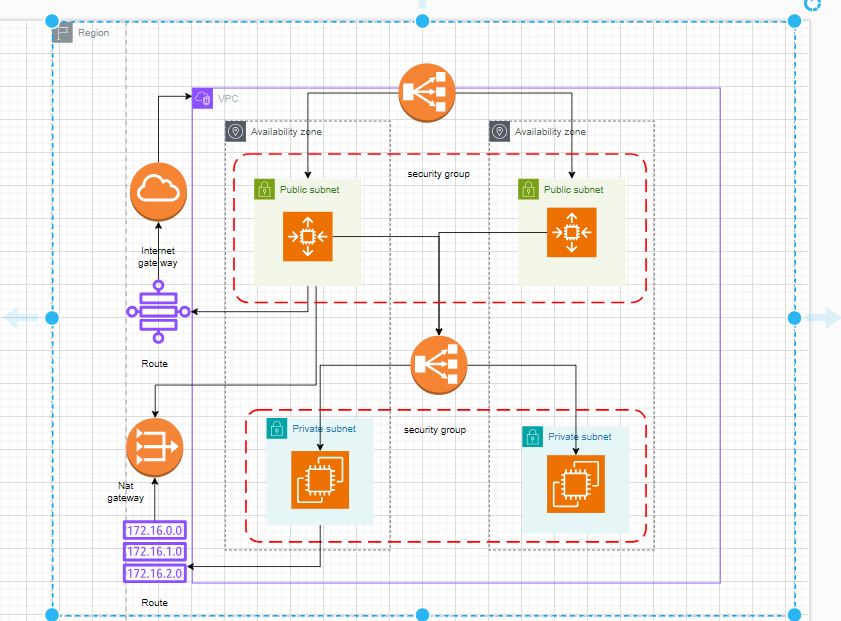
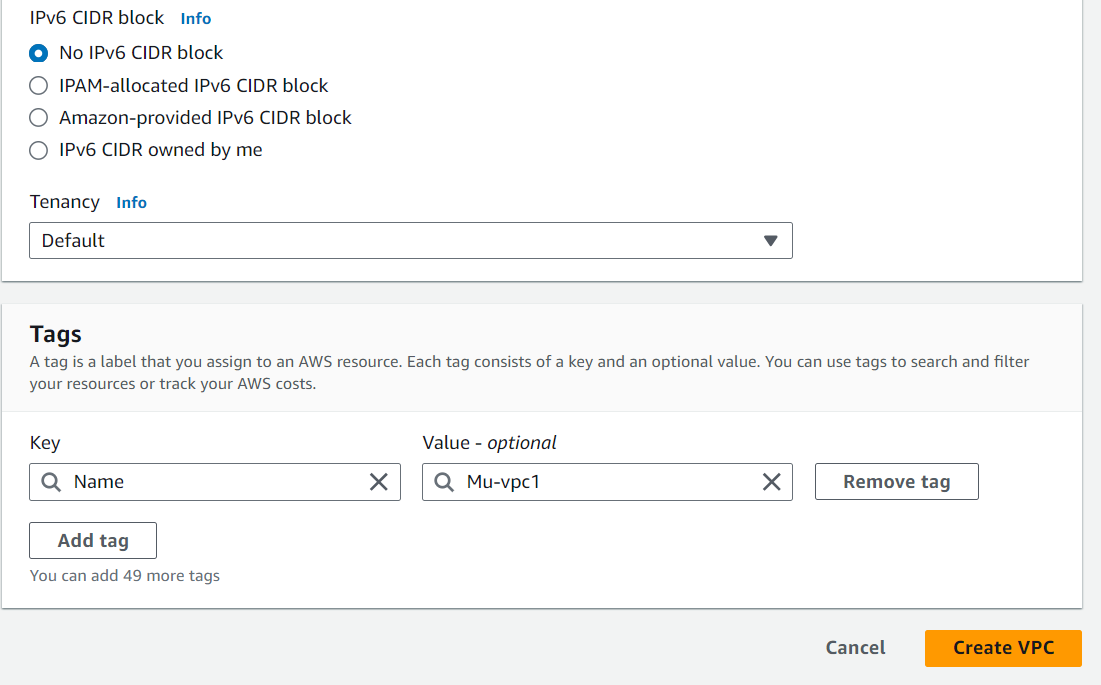
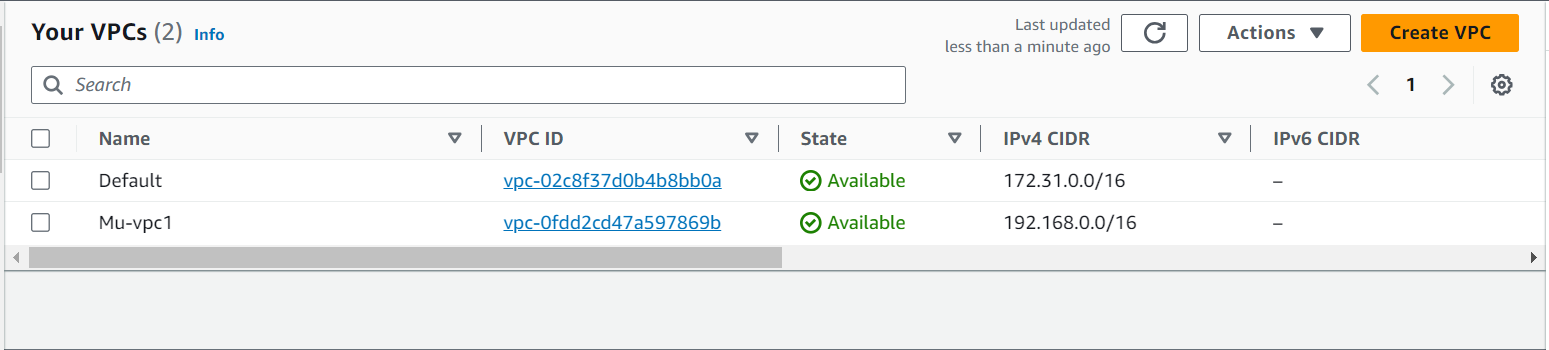
**Lab Exercise Architecture**



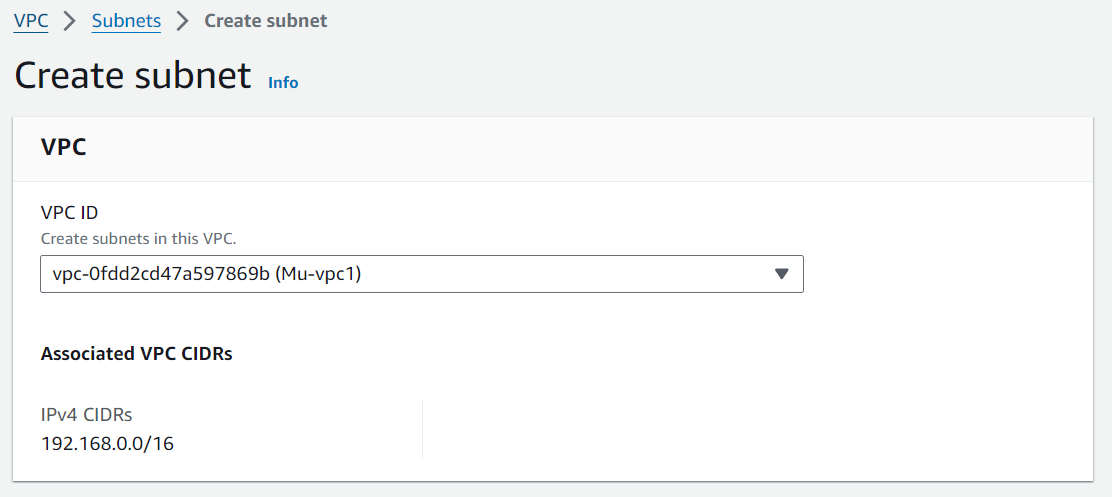
Create a vpc

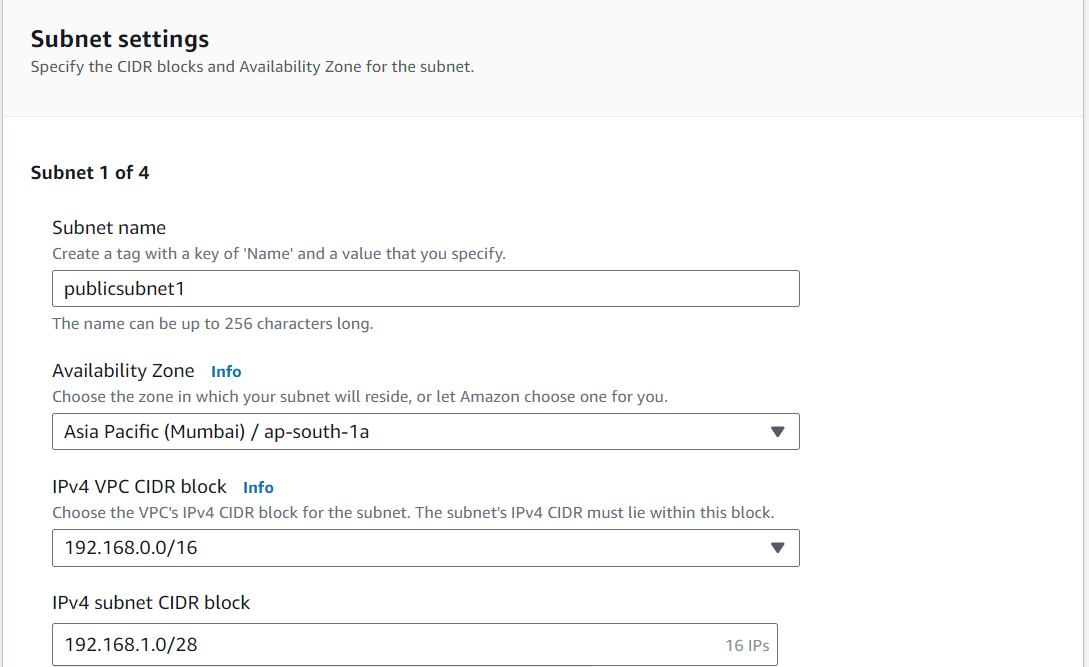


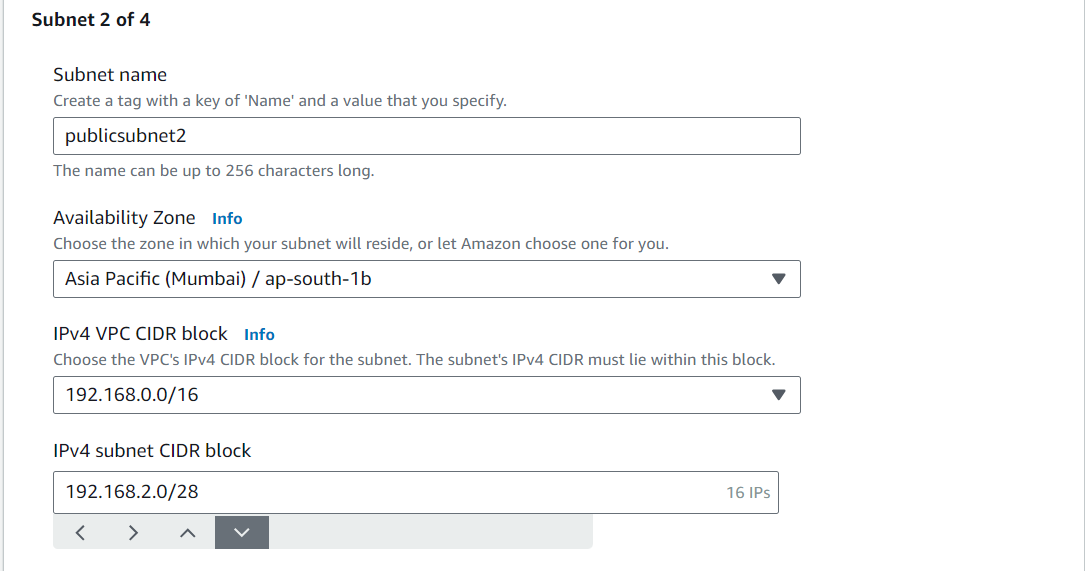


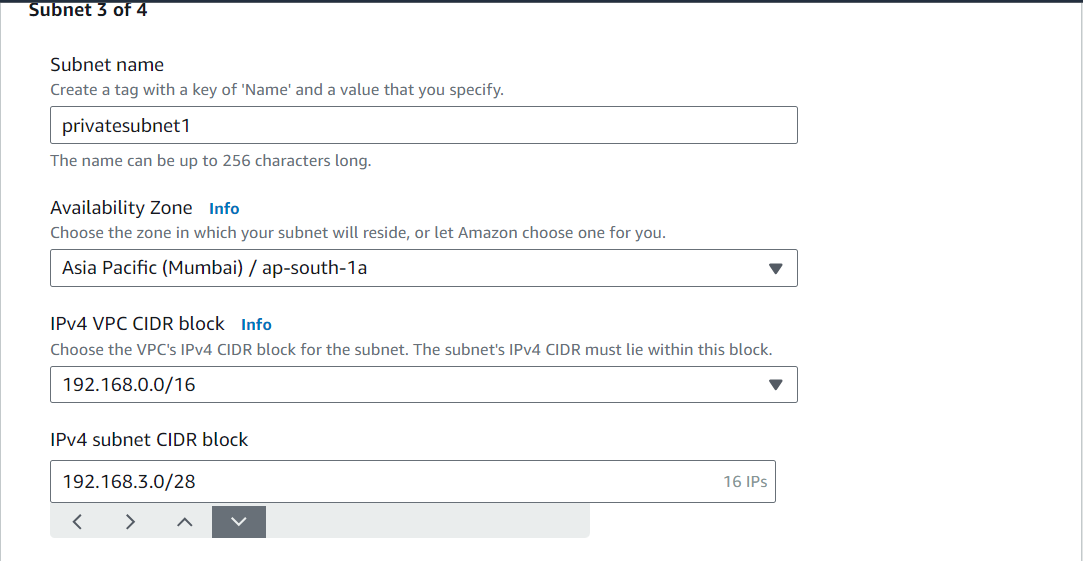


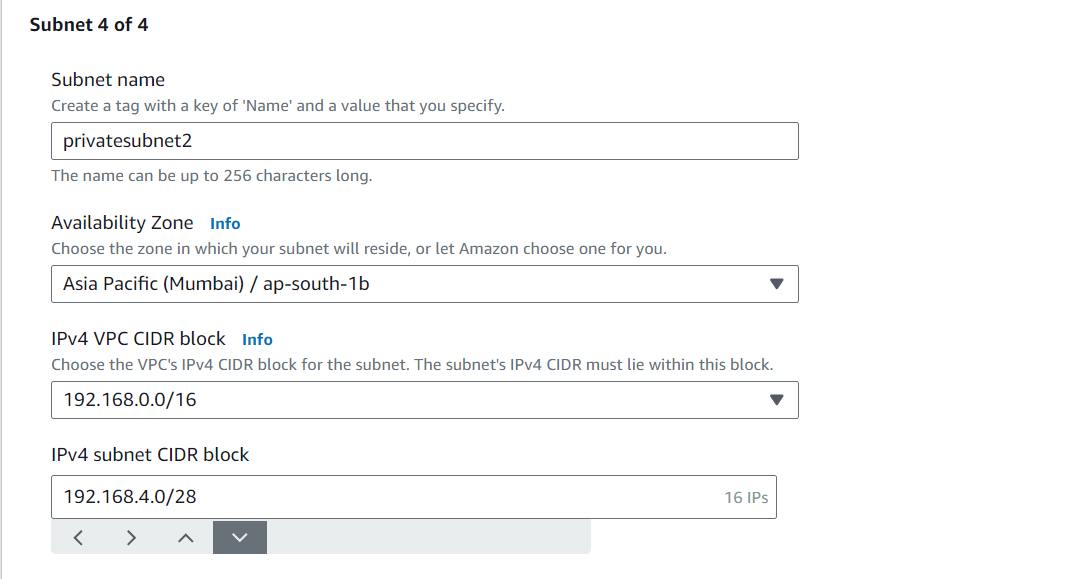
Create a subnet

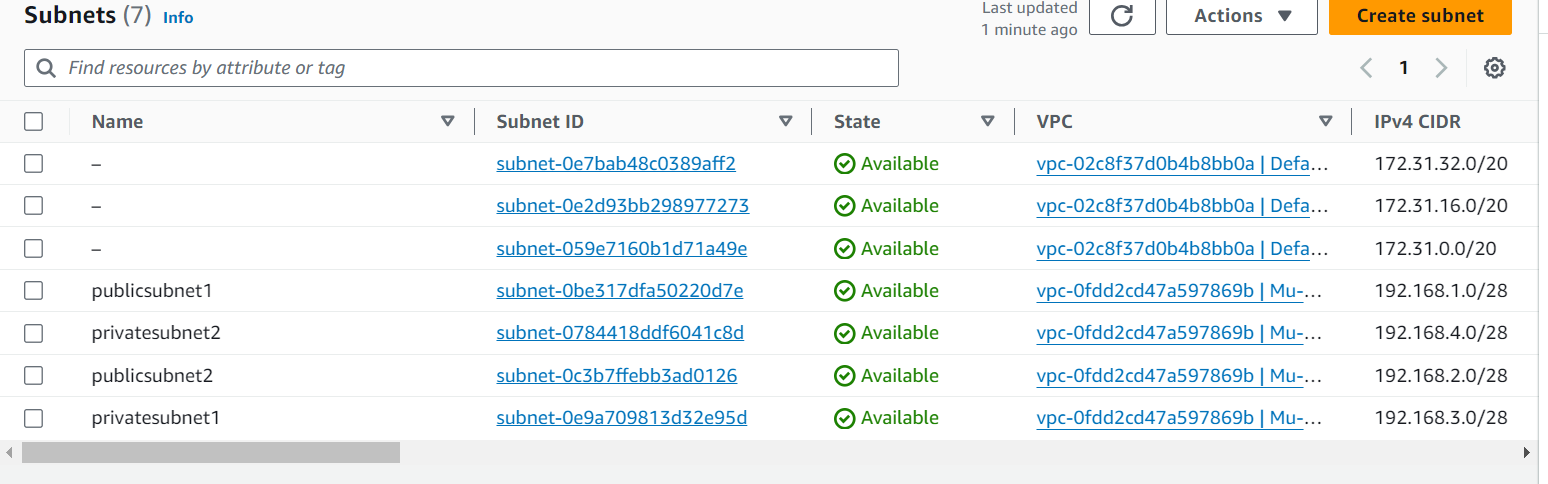




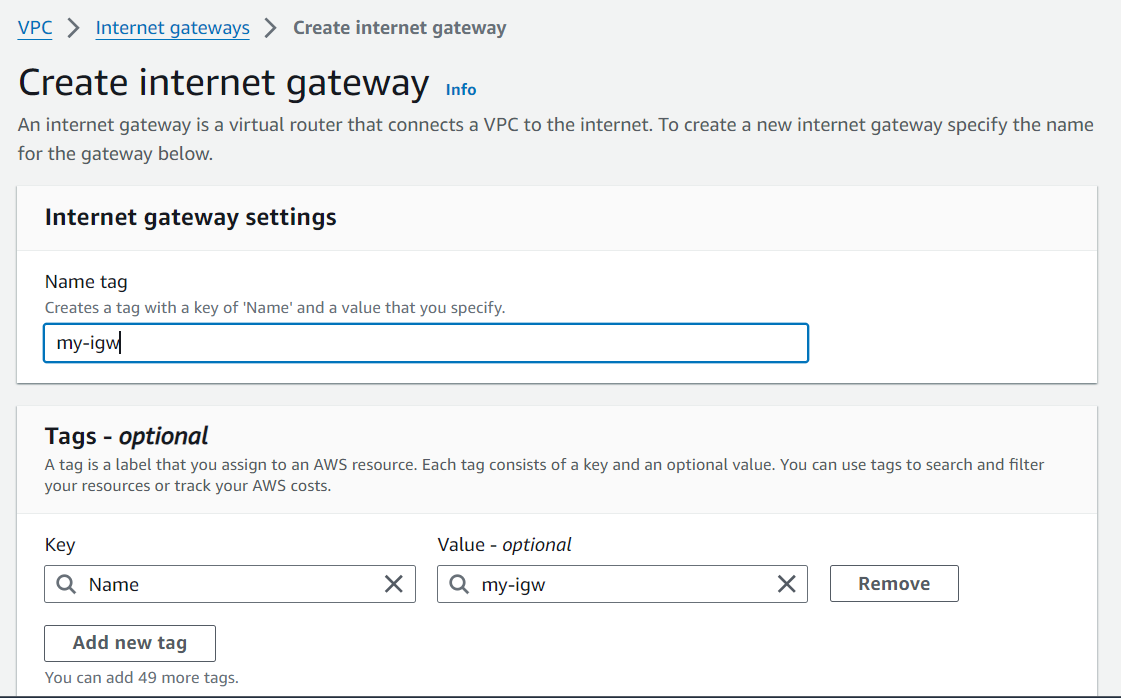




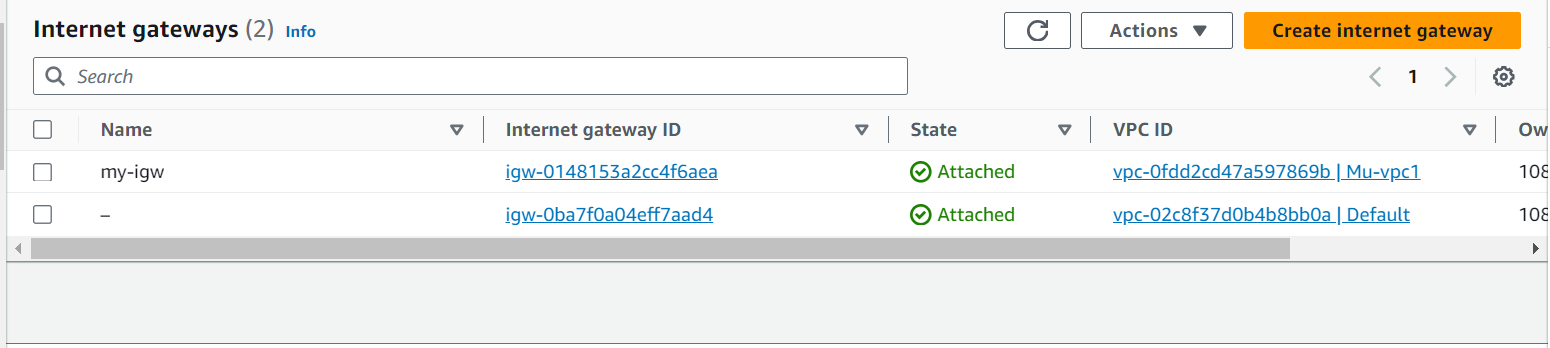




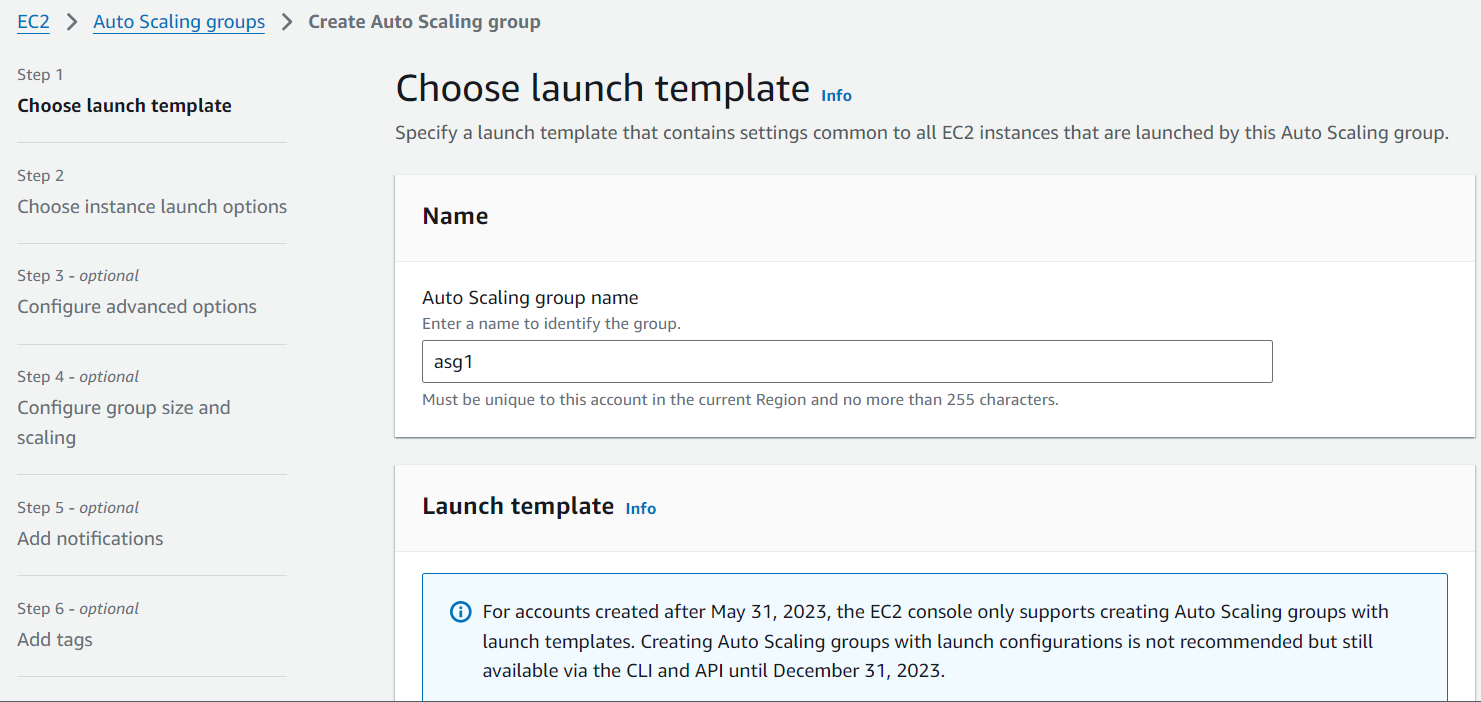
Create Internet gateway

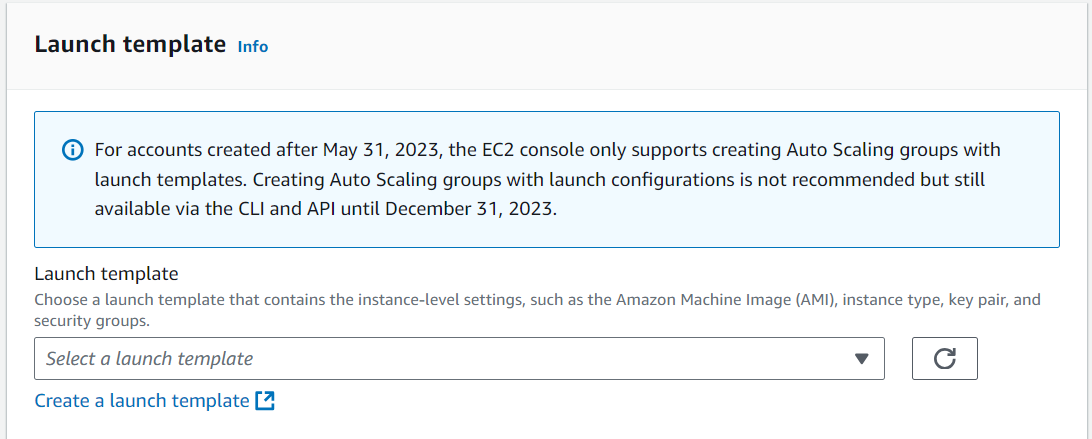


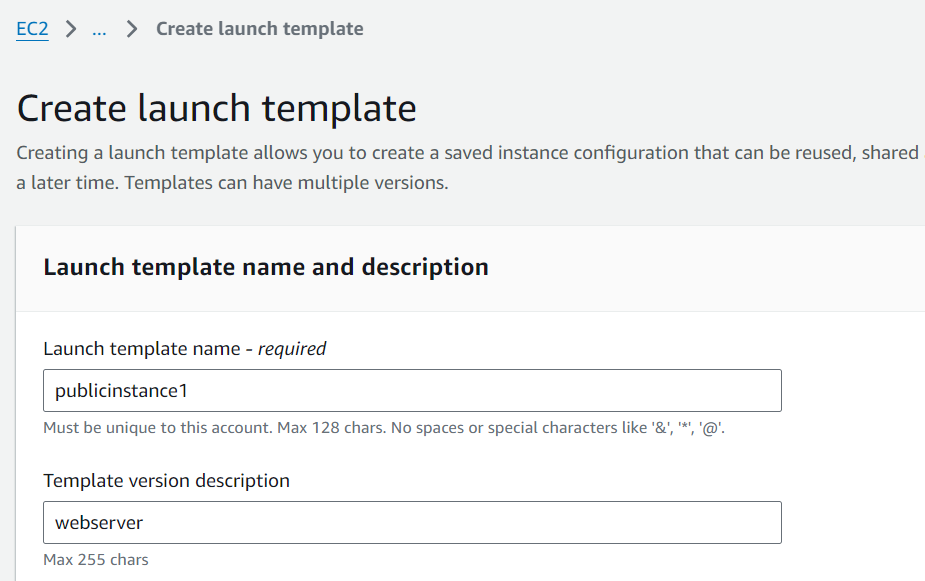
**Go Attached the vpc**

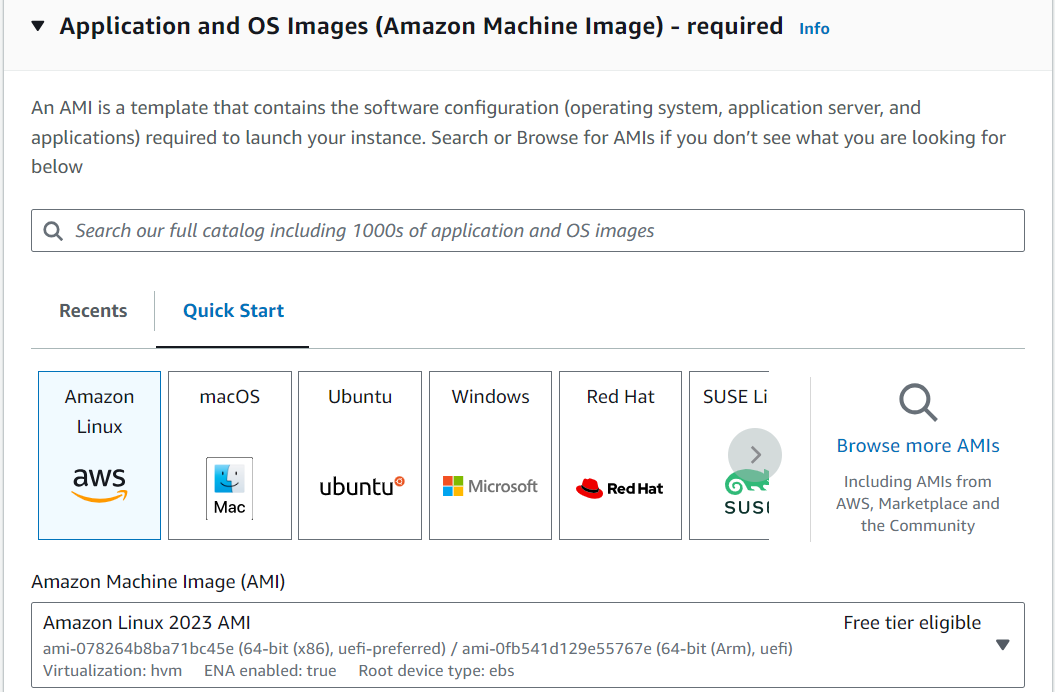


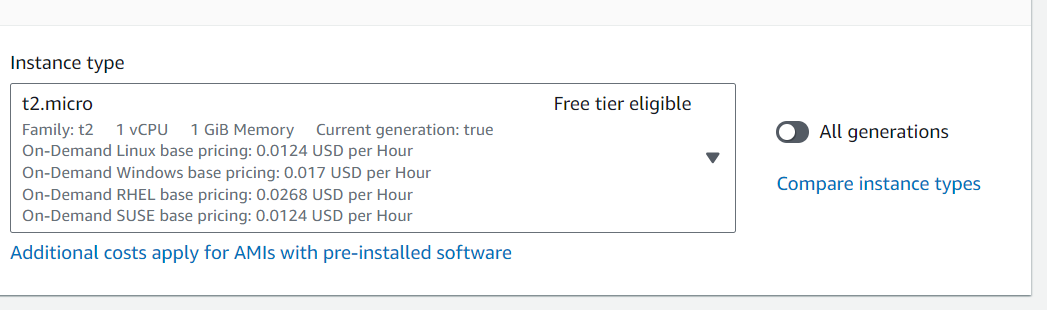
**And to create the template**

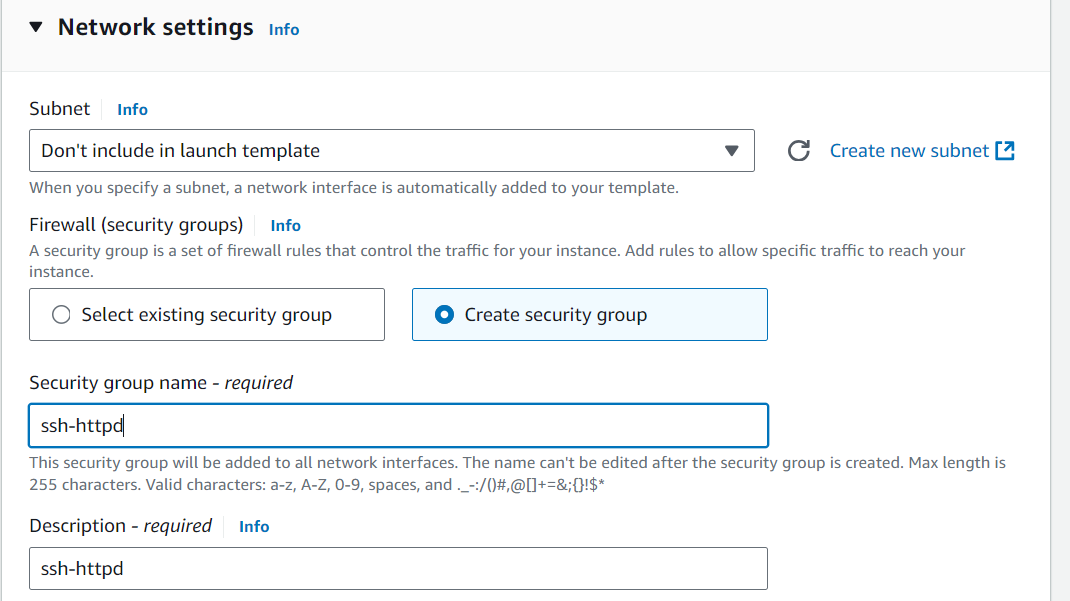


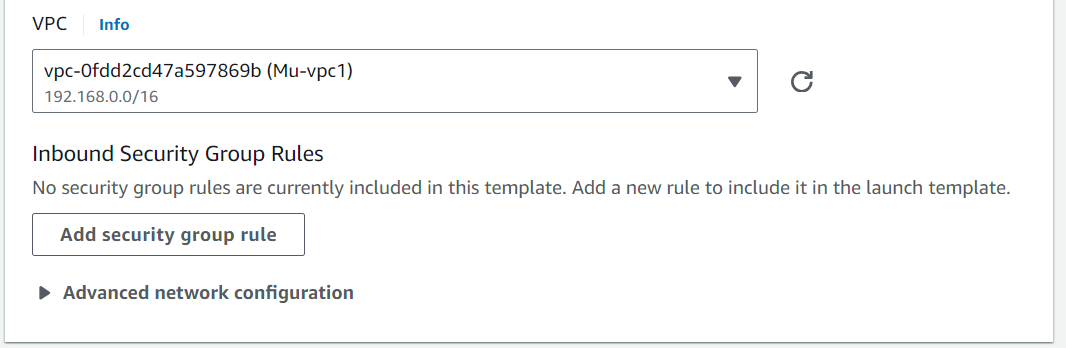














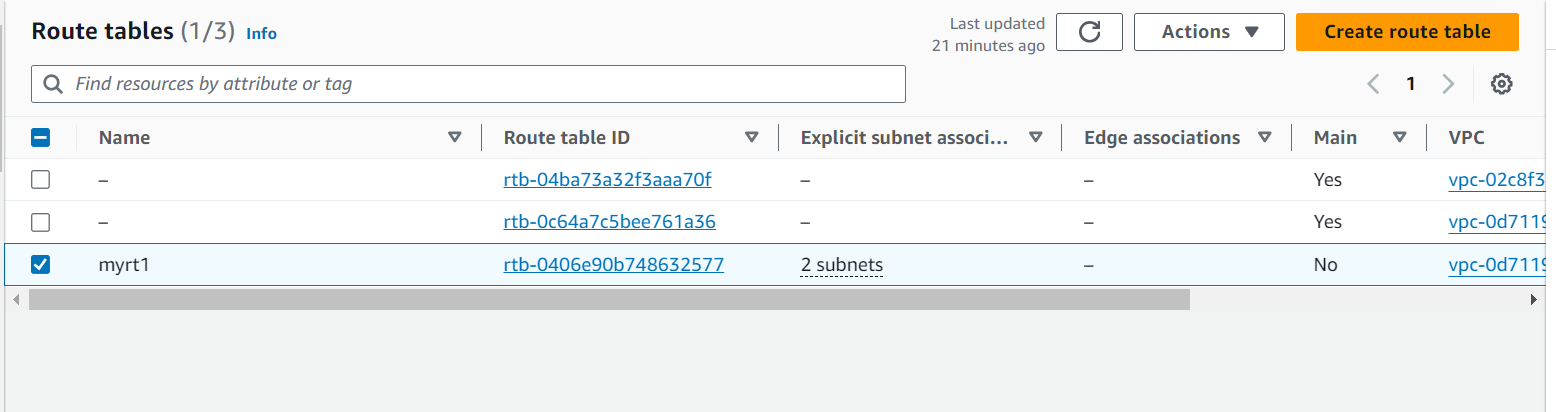
#!/bin/bash

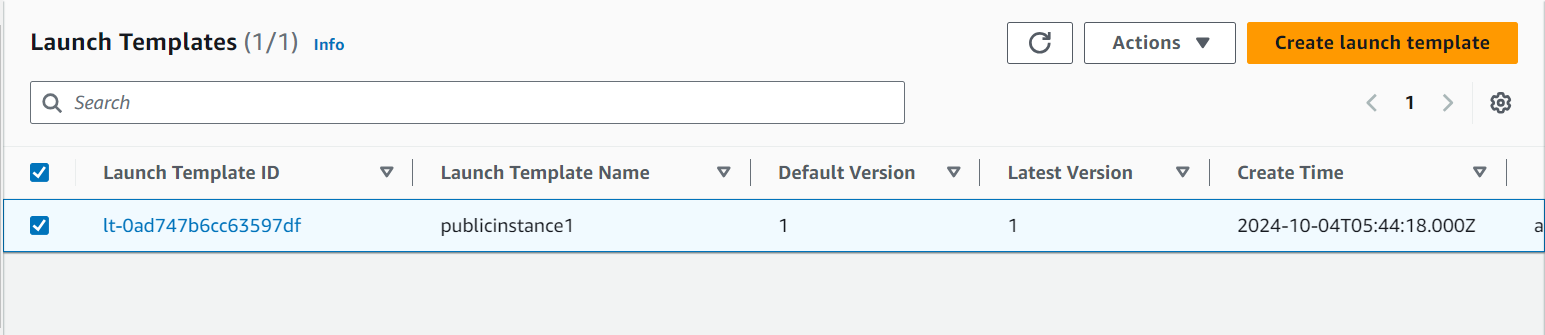
Yum install httpd-y

echo “Welcome to Vsphere Technologies $(uname-n)” >/var/www/html/index.html

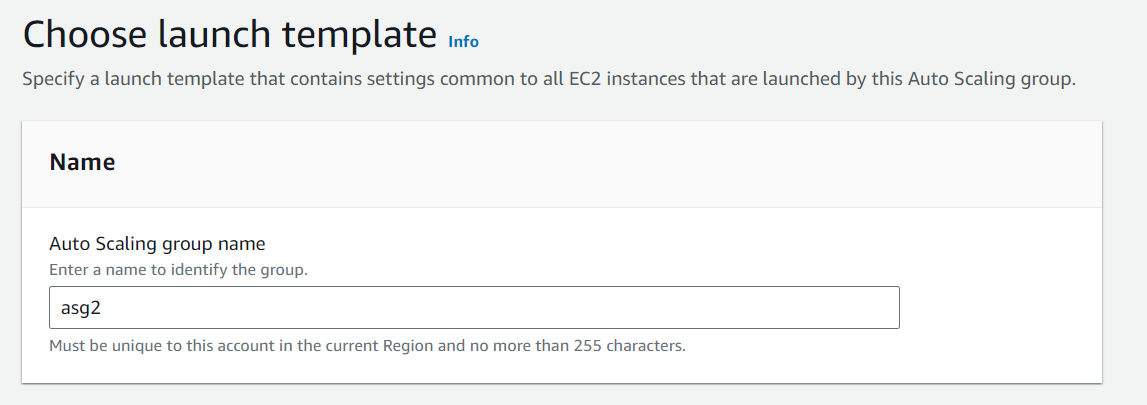
systemctl start httpd && systemctl enable httpd

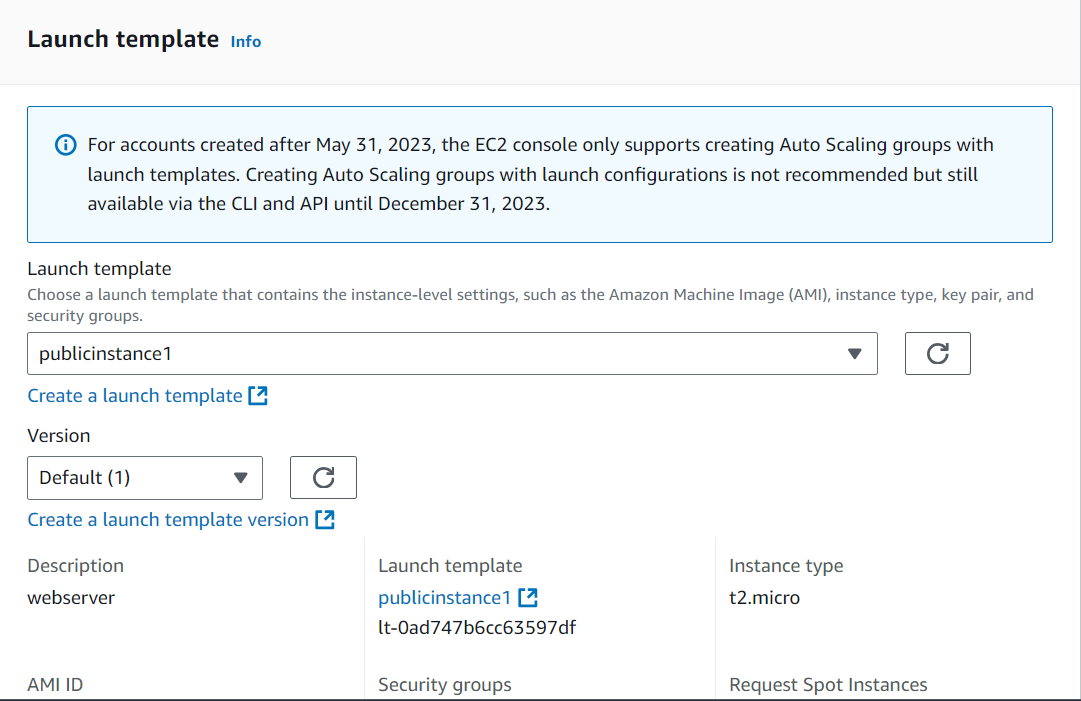
**And create route table**

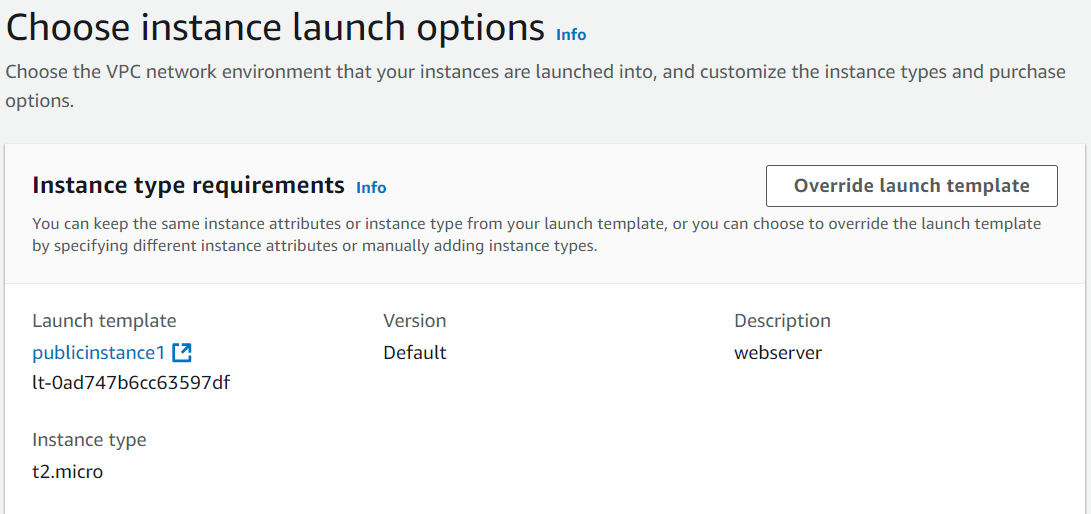


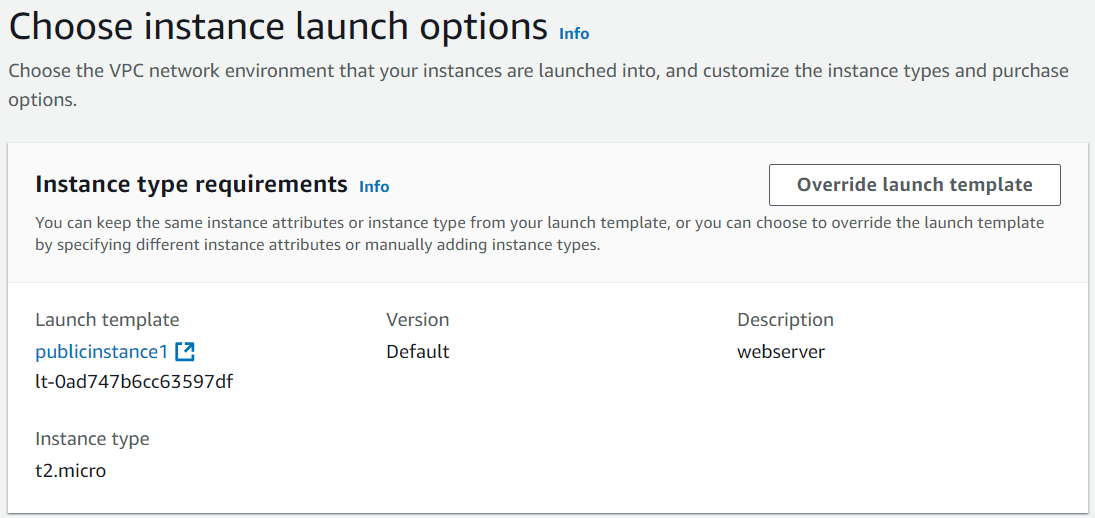


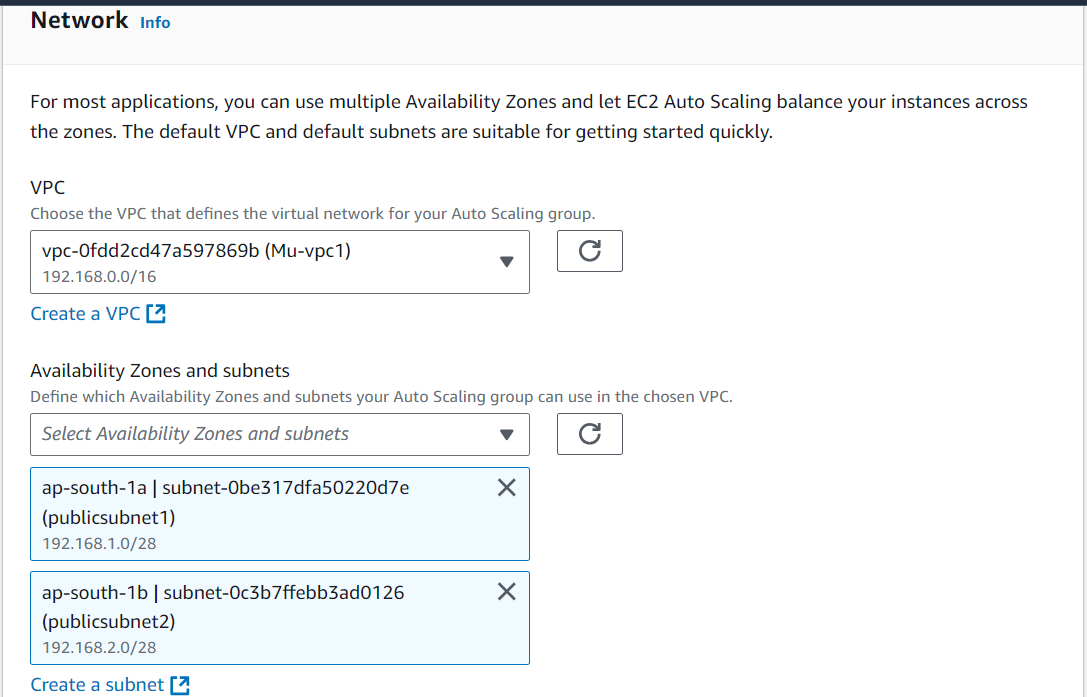
**Create the auto scaling group**

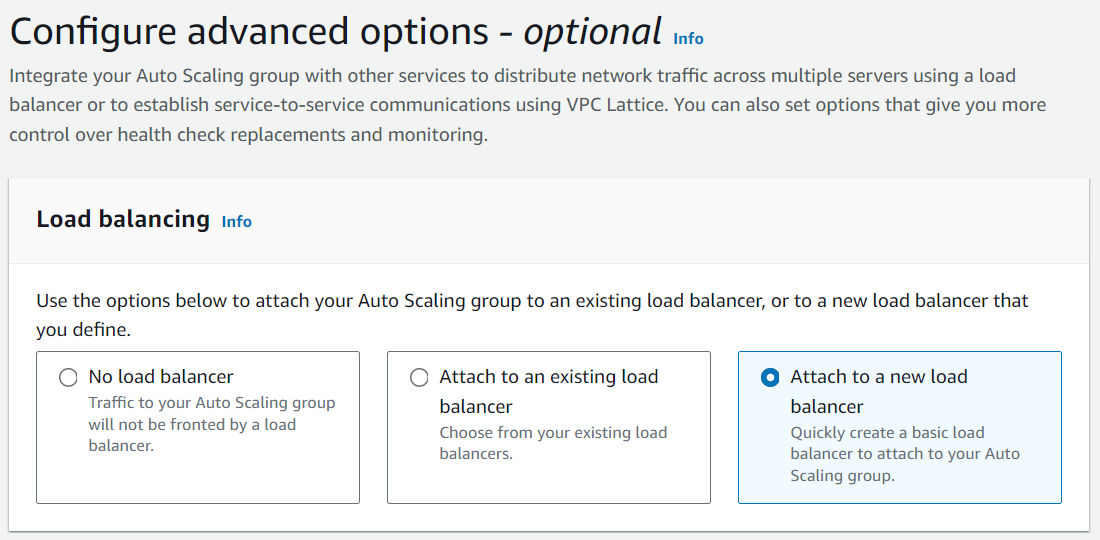


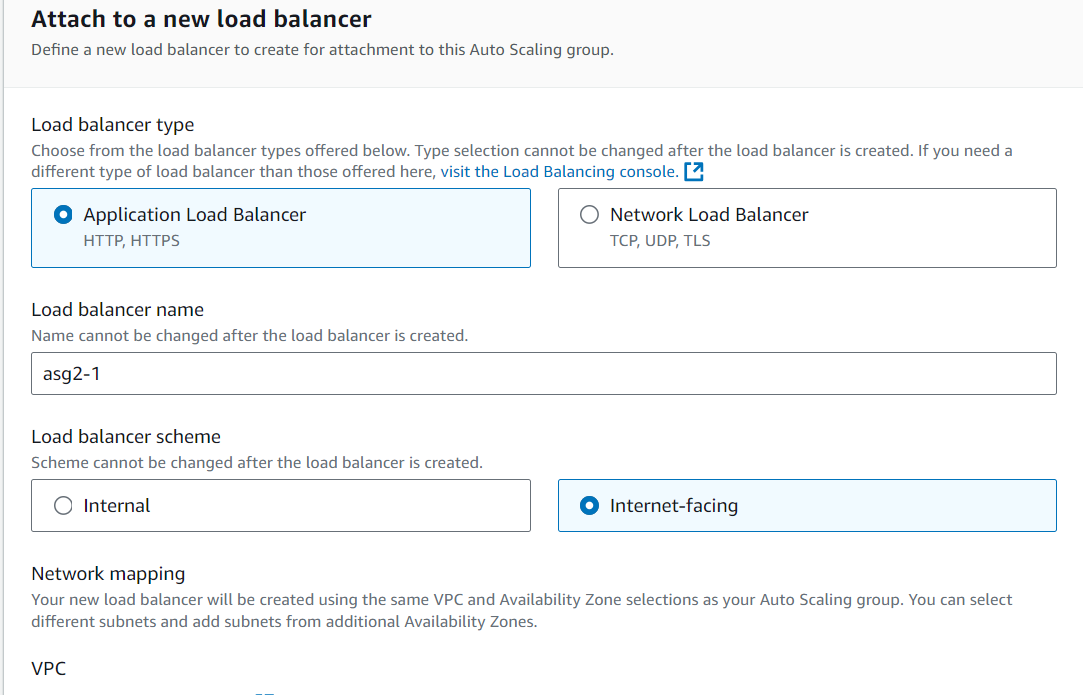


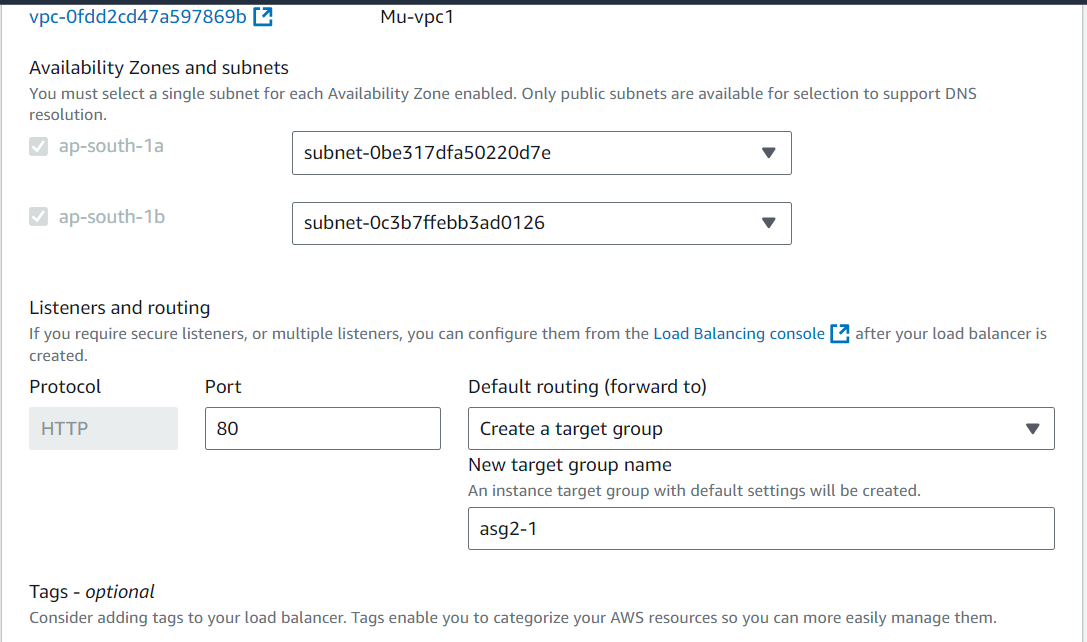


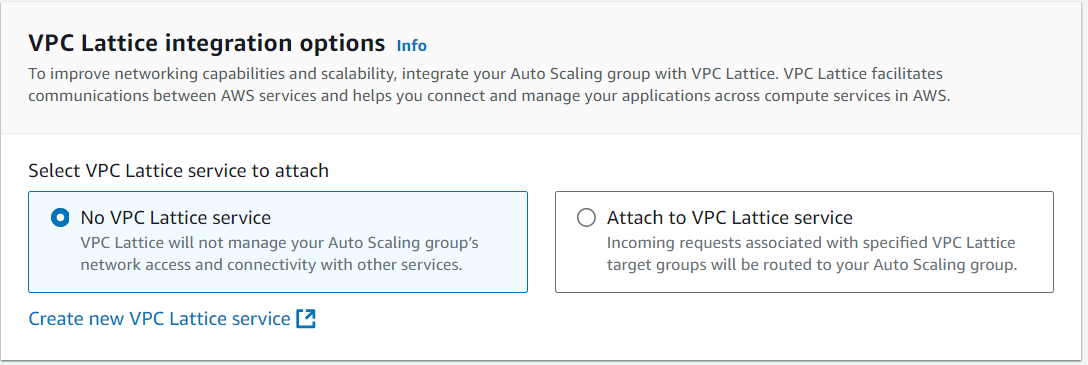


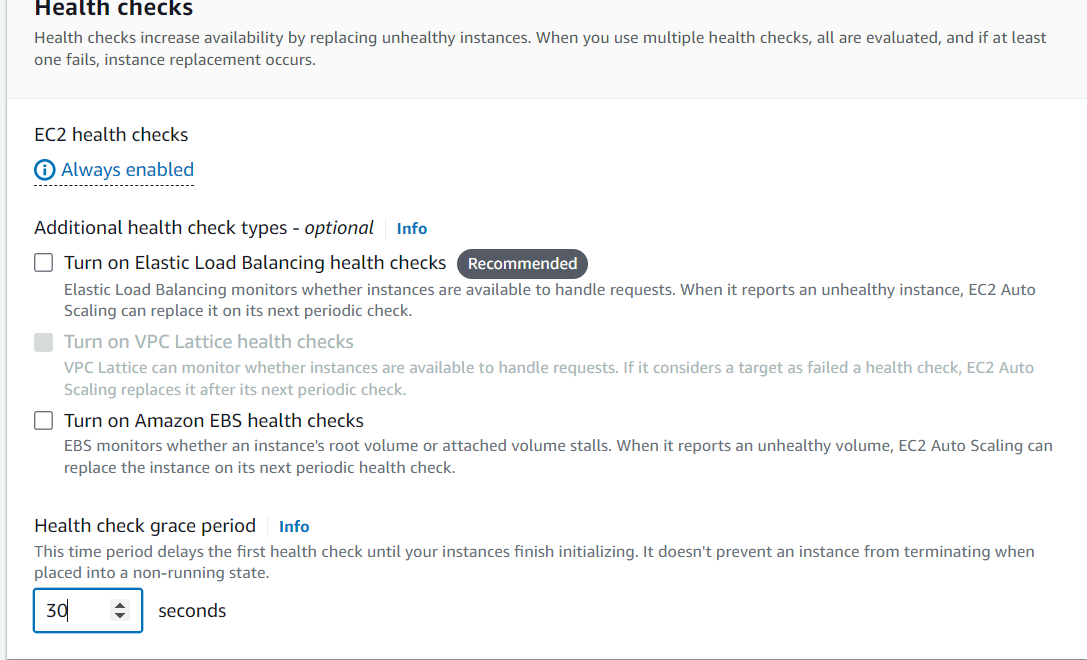


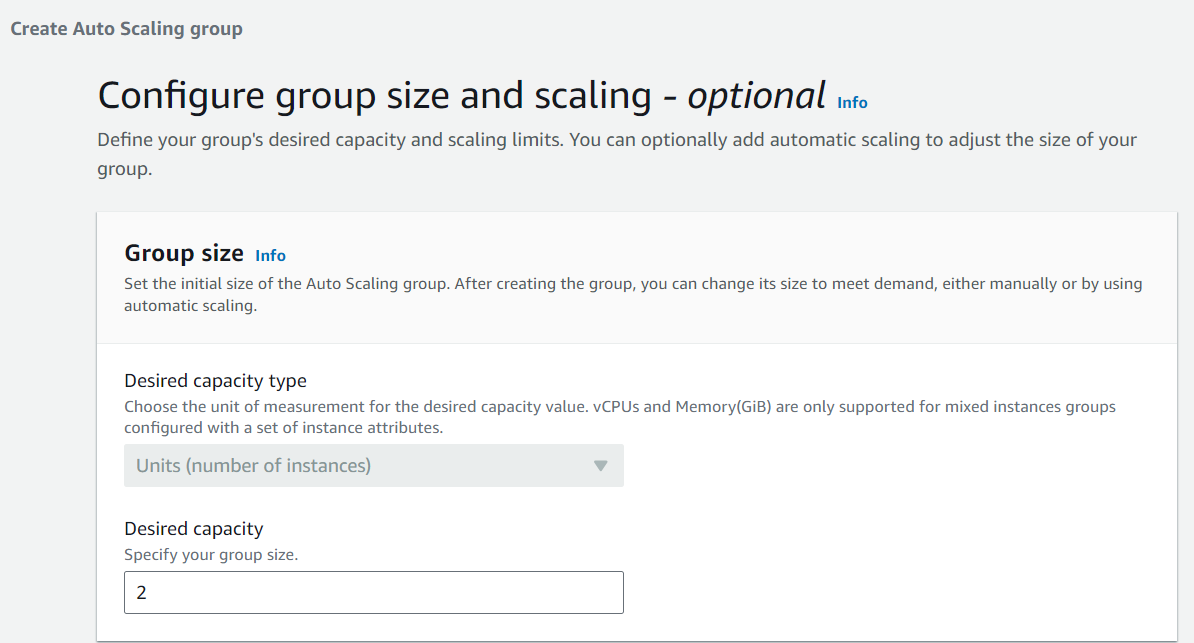


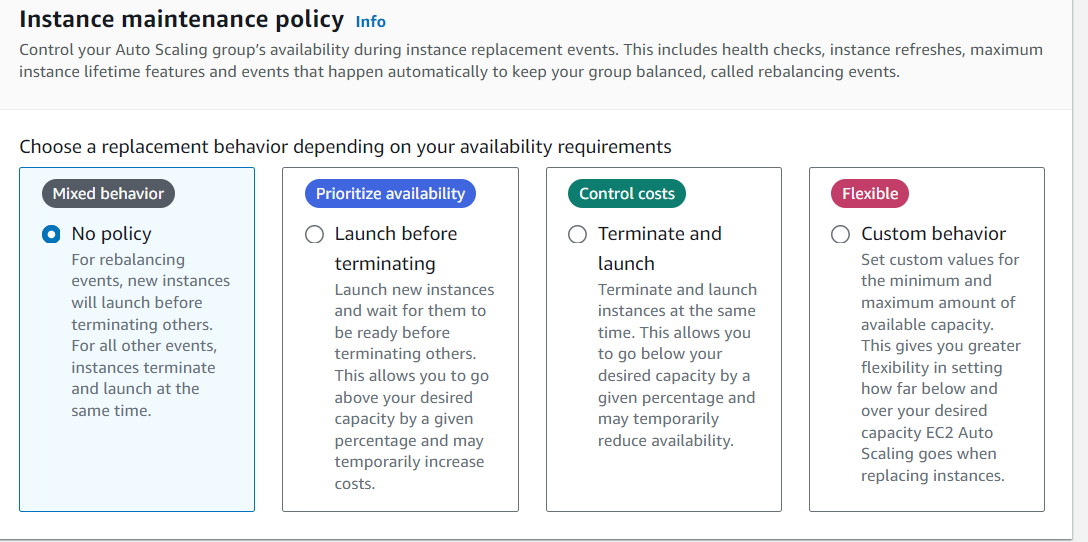


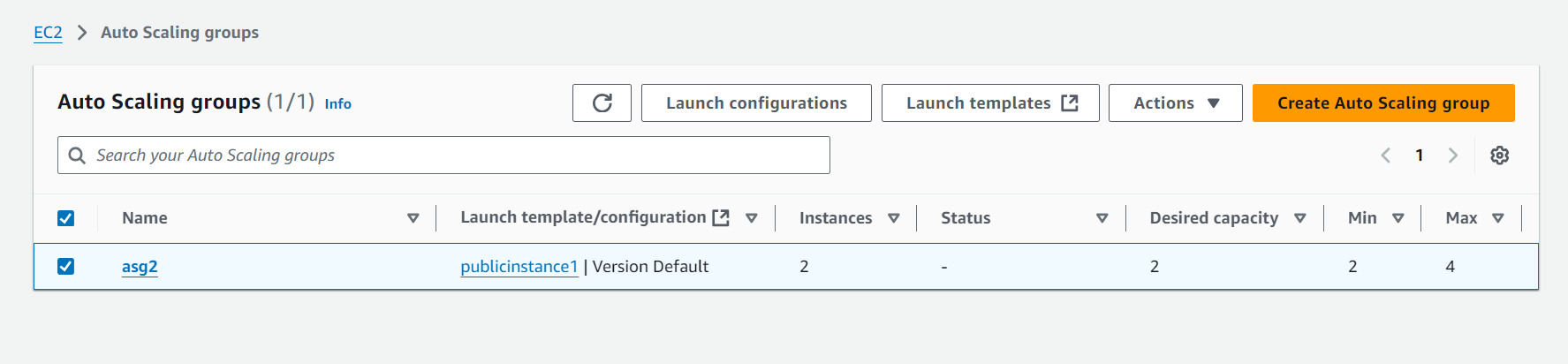




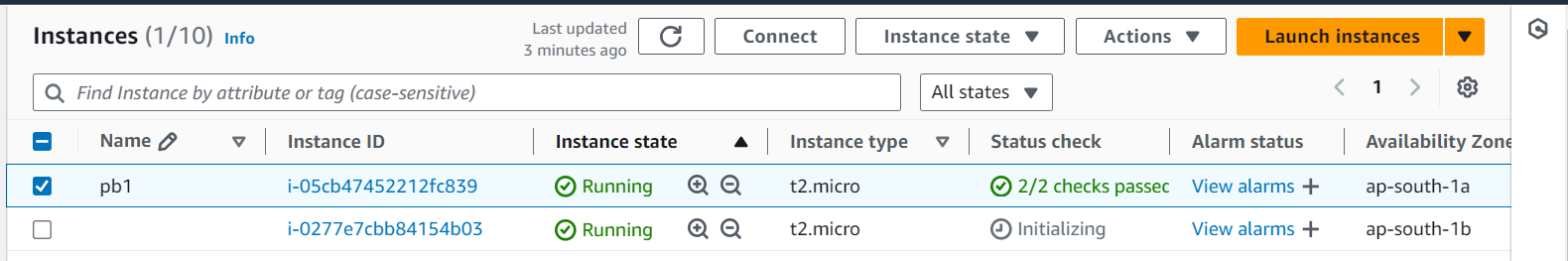




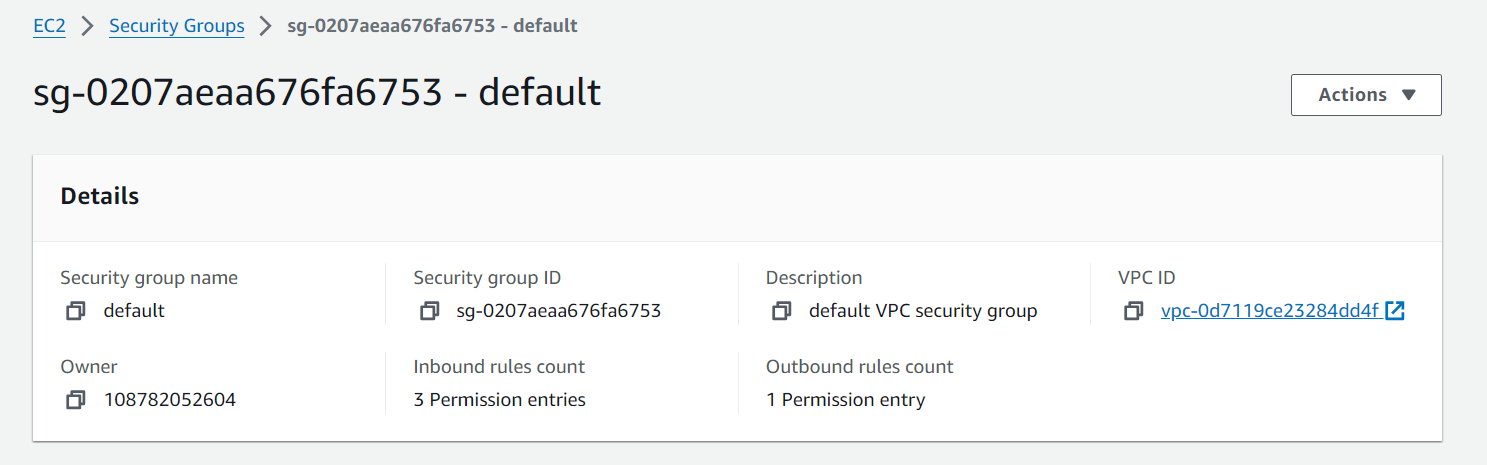


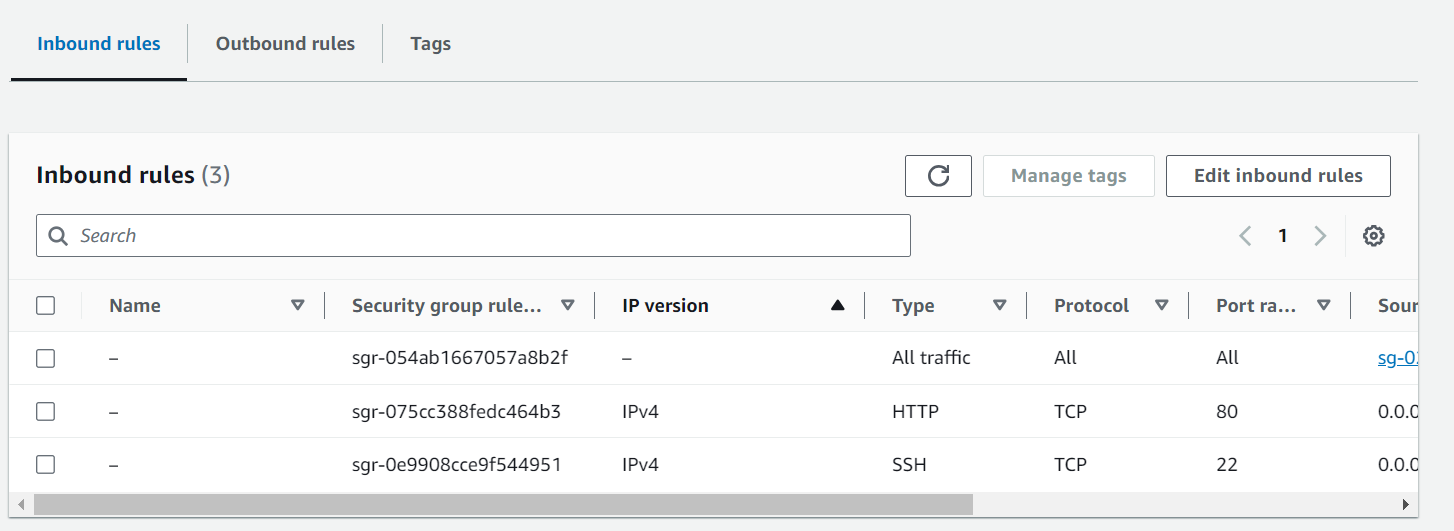


**And to check the instance**

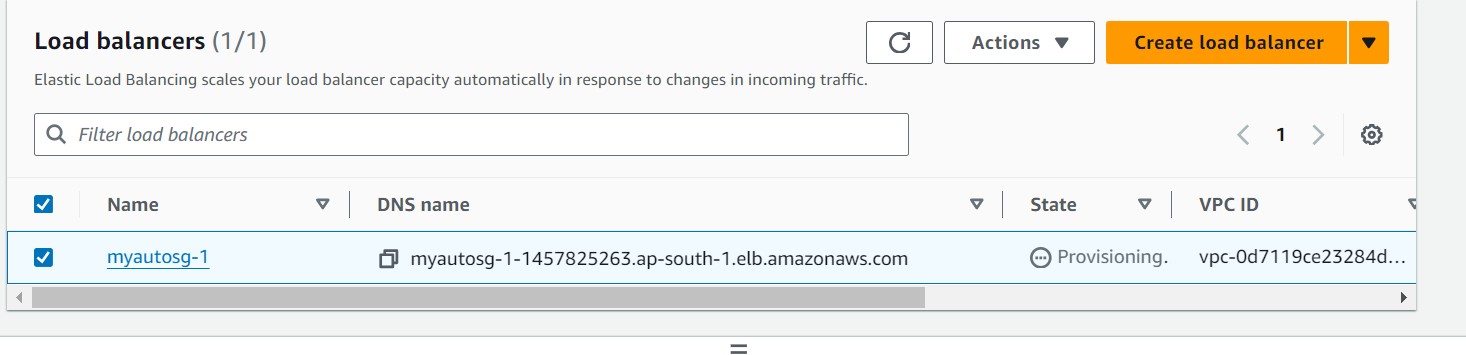


**And add the security group**

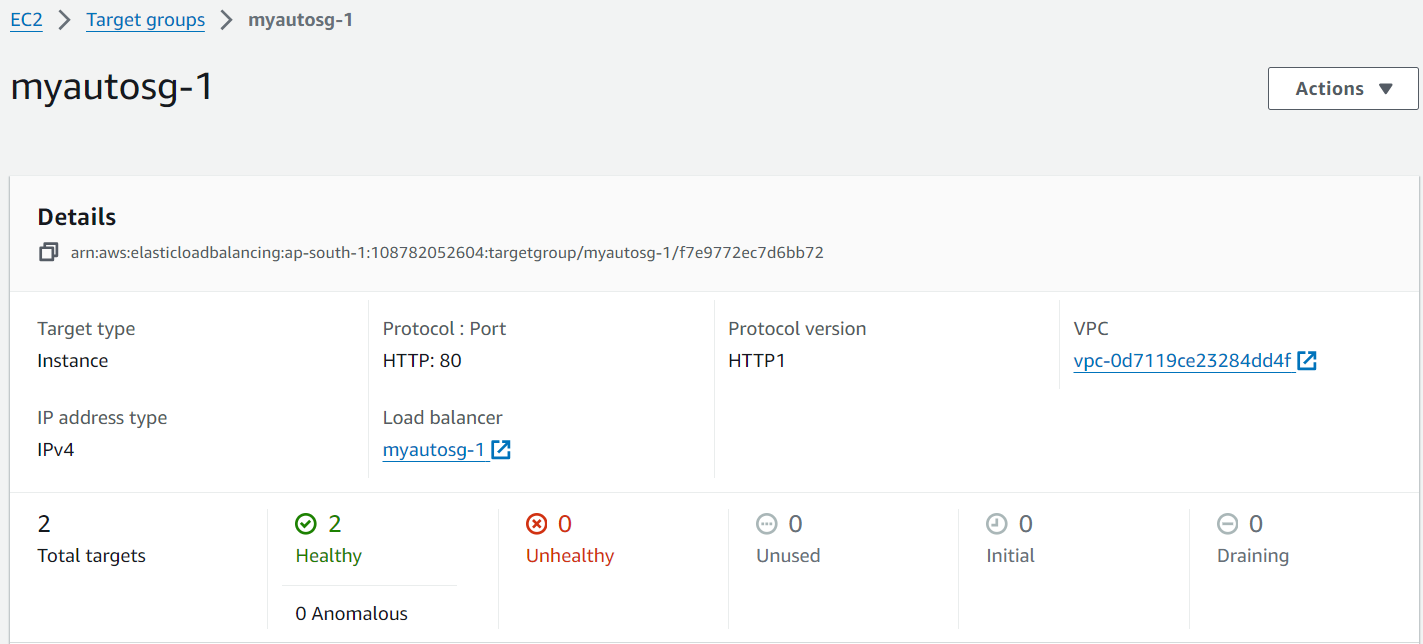


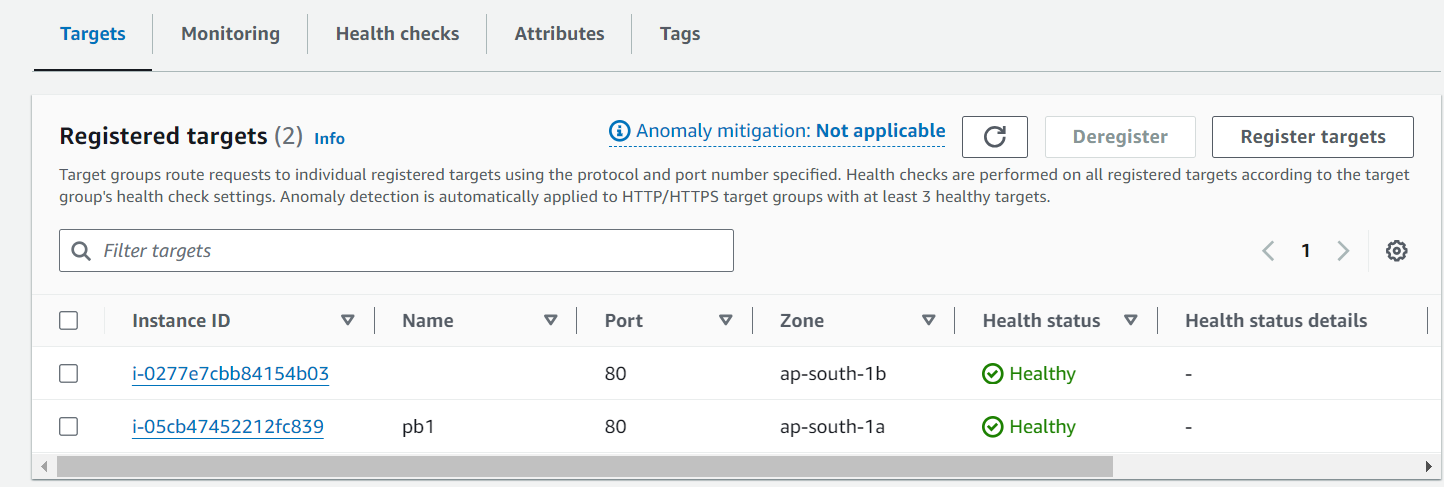


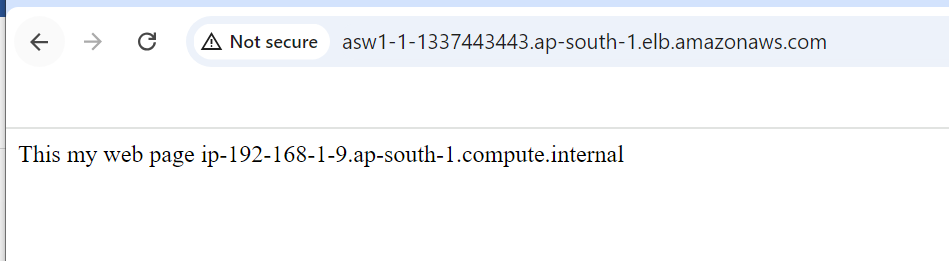
**And creating the load balancing**

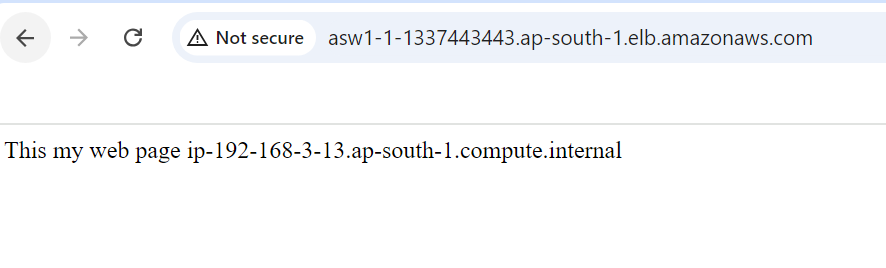


**And to check the target group**



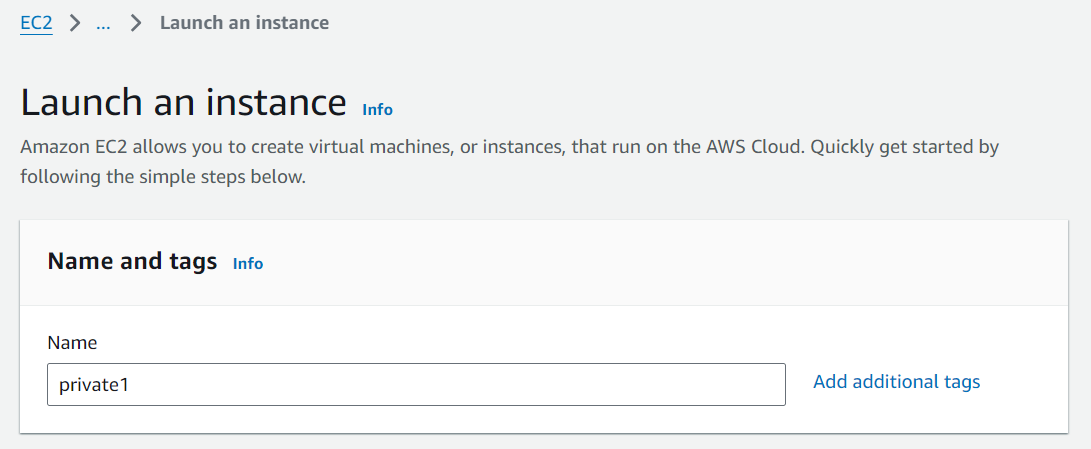


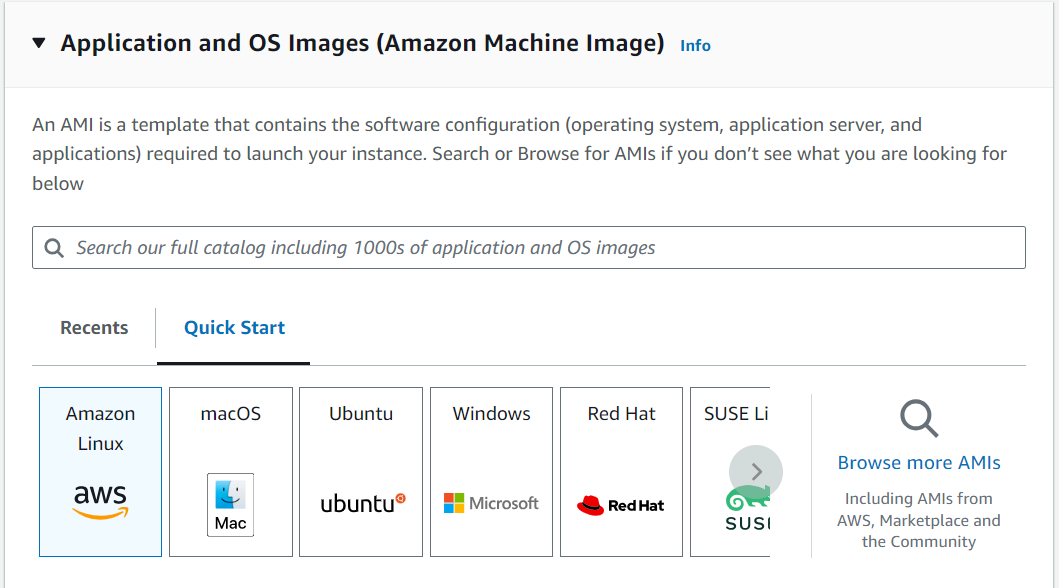


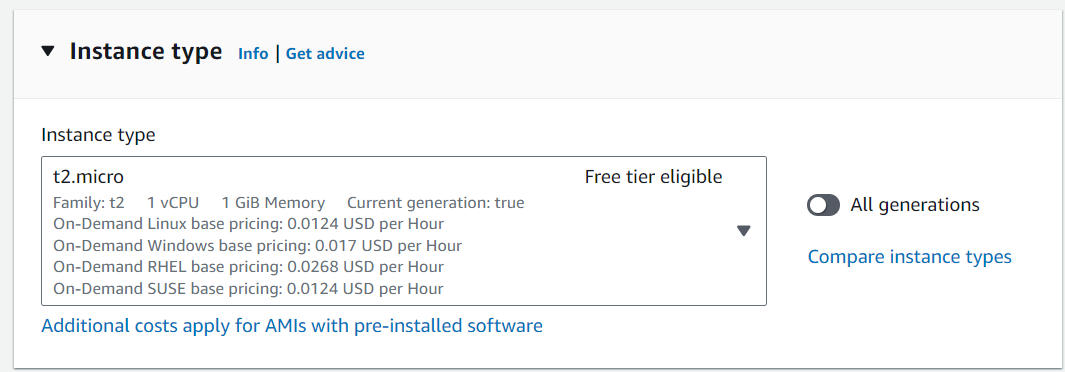


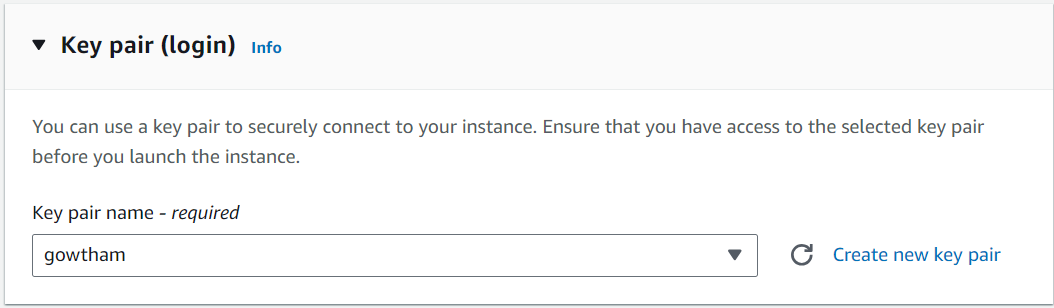
**Private methods**

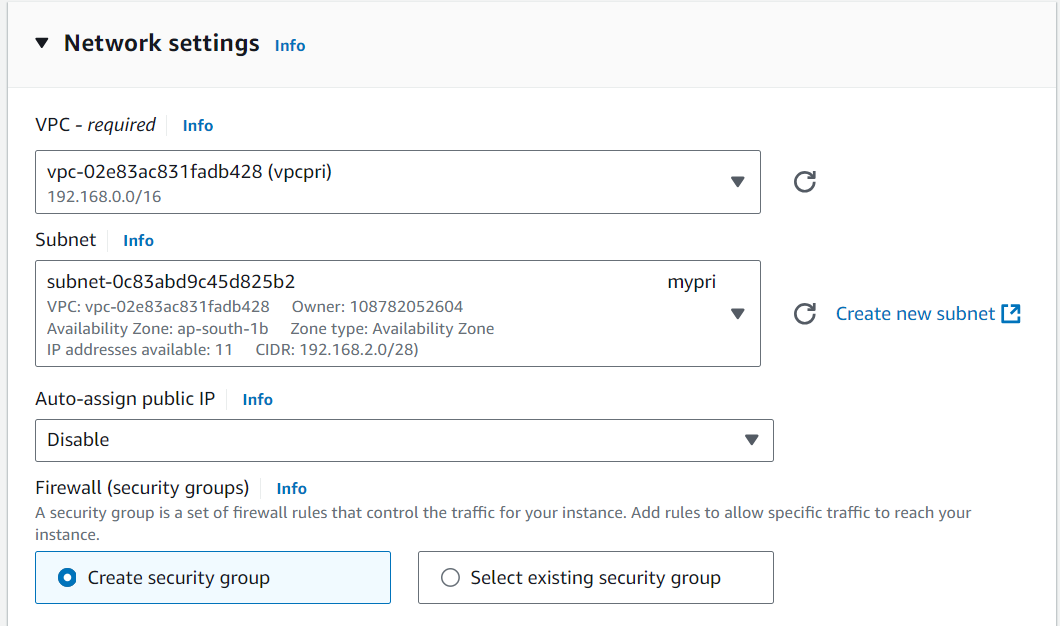
**Create the EC2 instance**

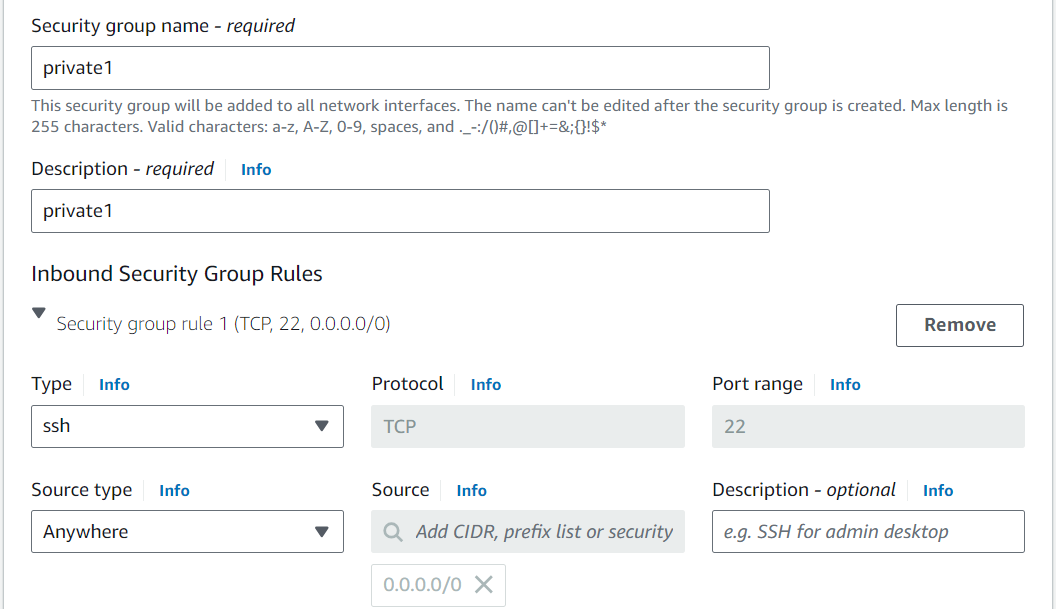


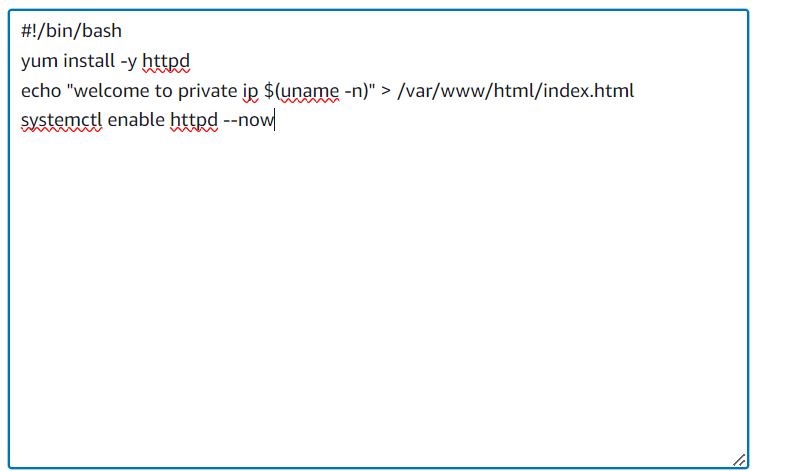


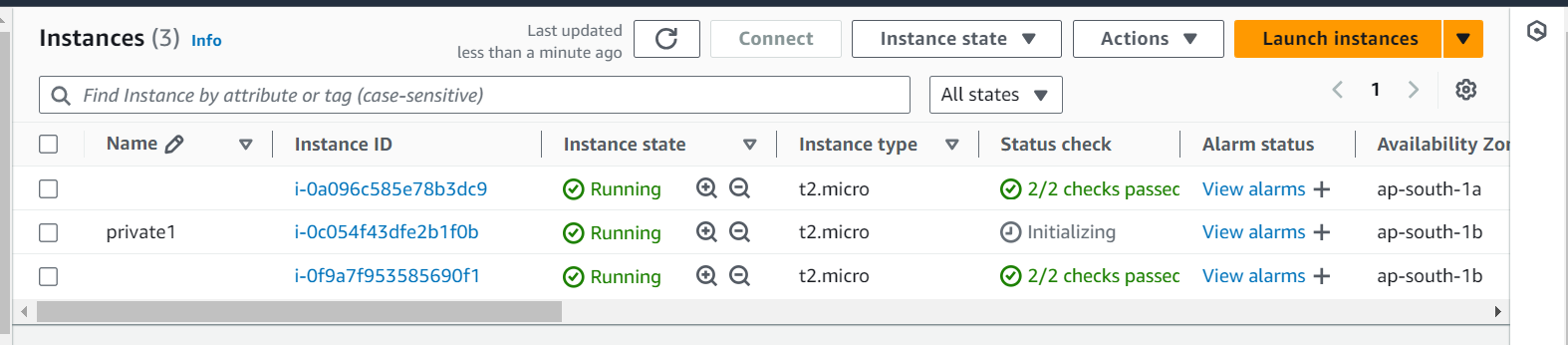




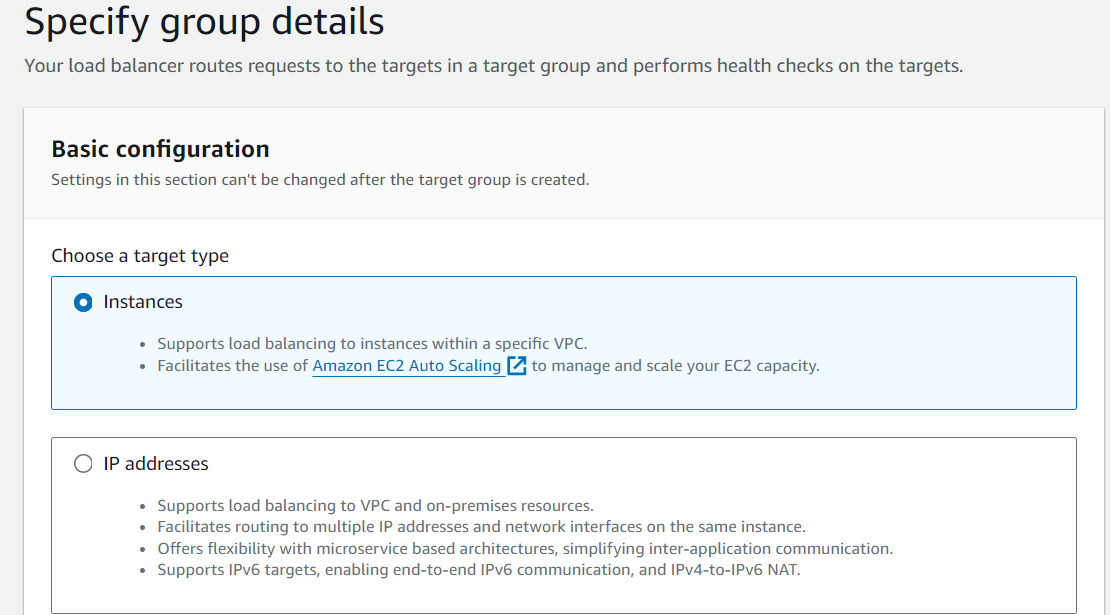


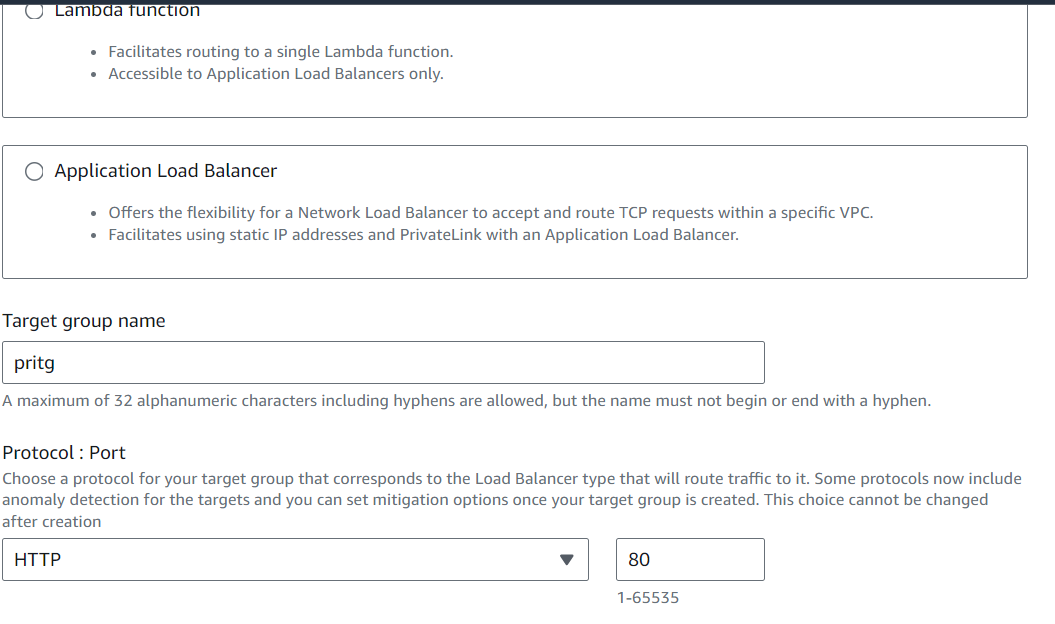


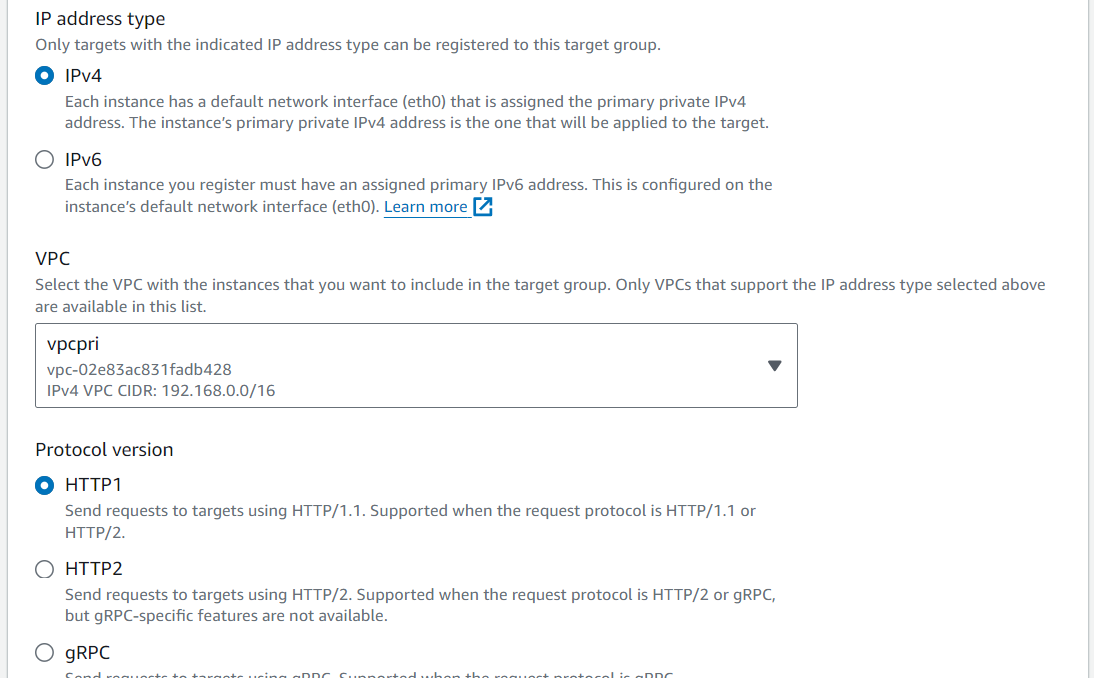




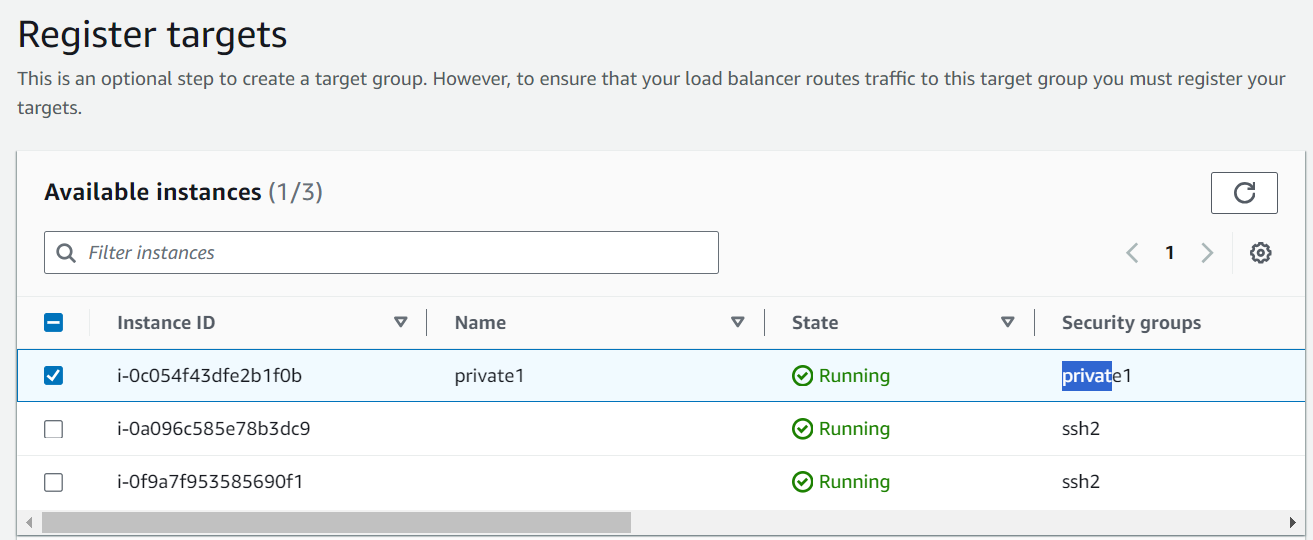
**Create target group**



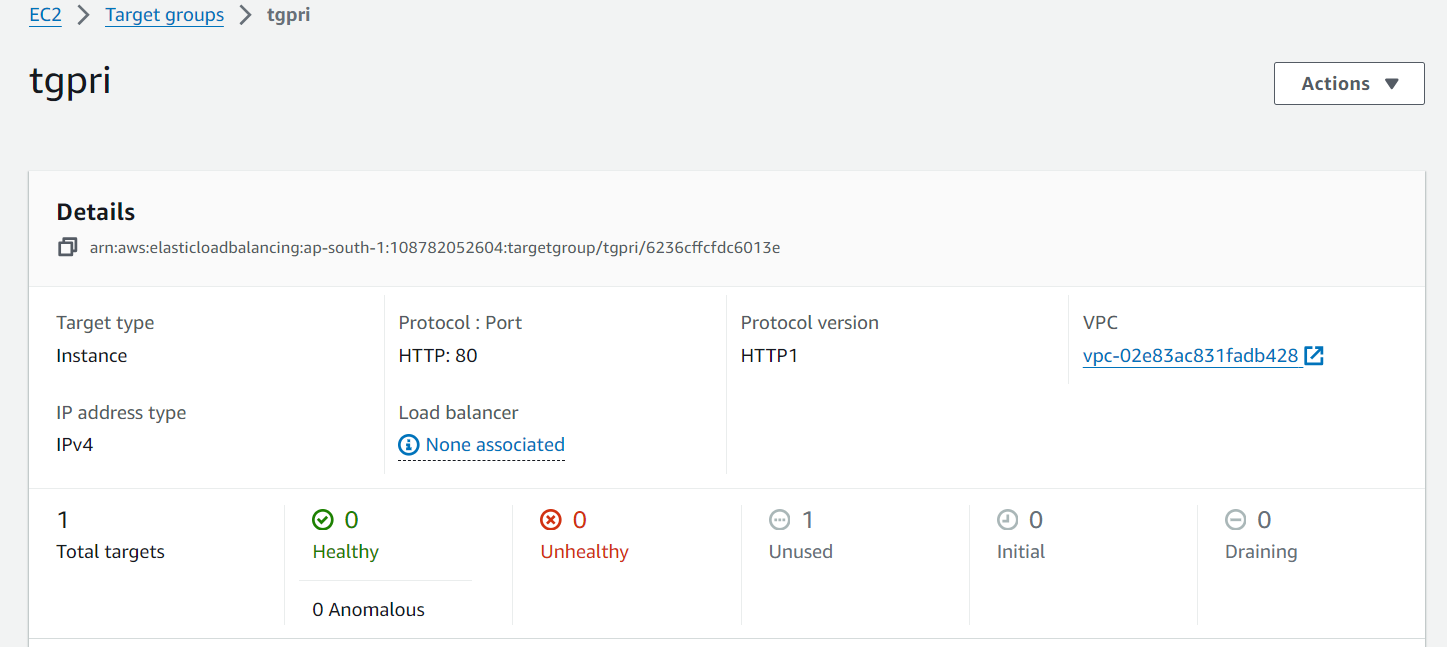




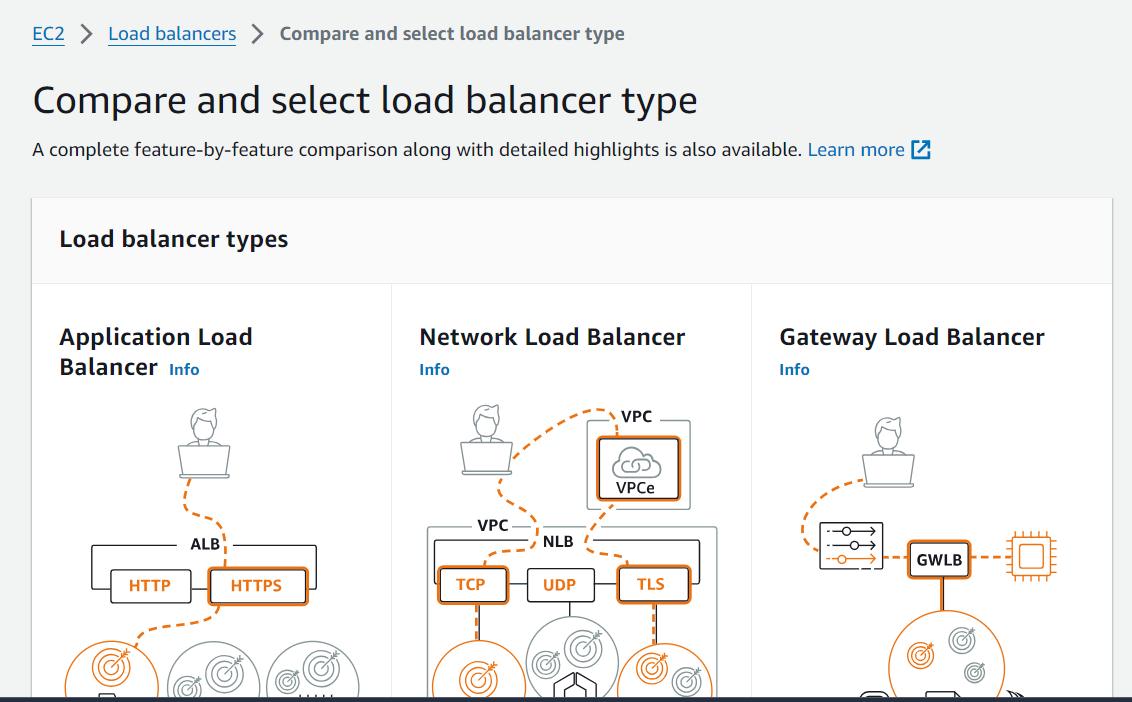


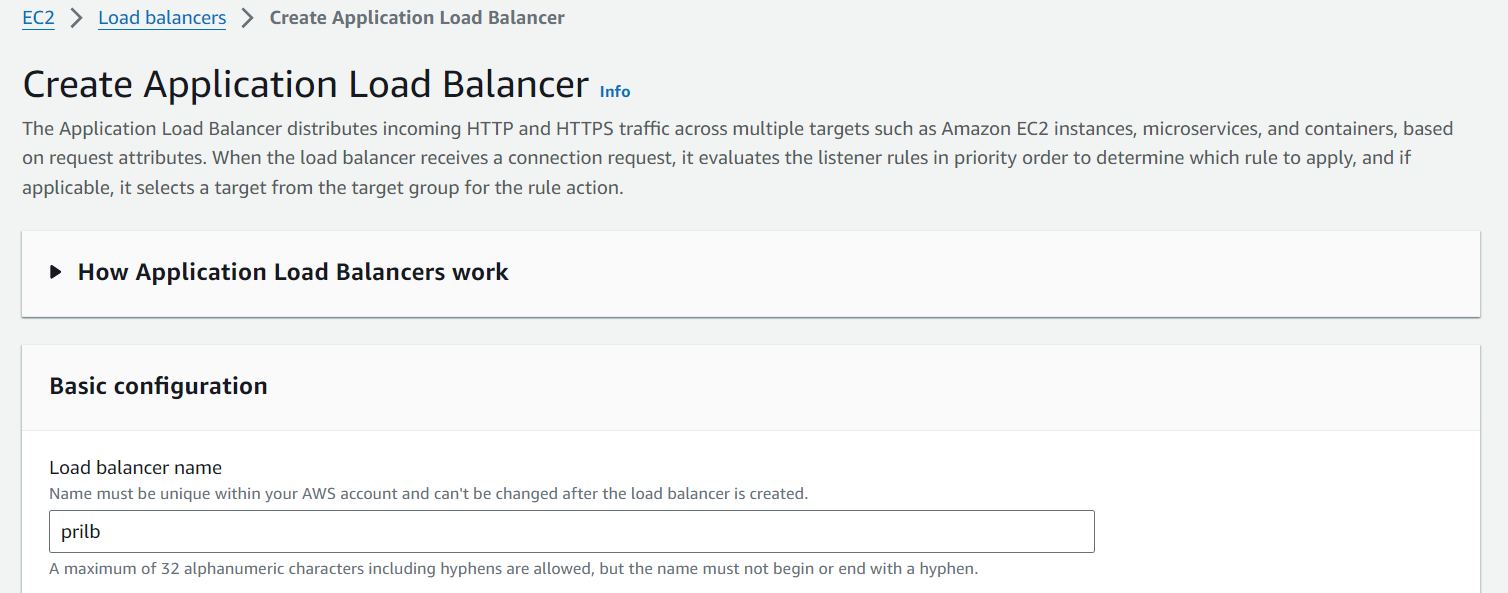


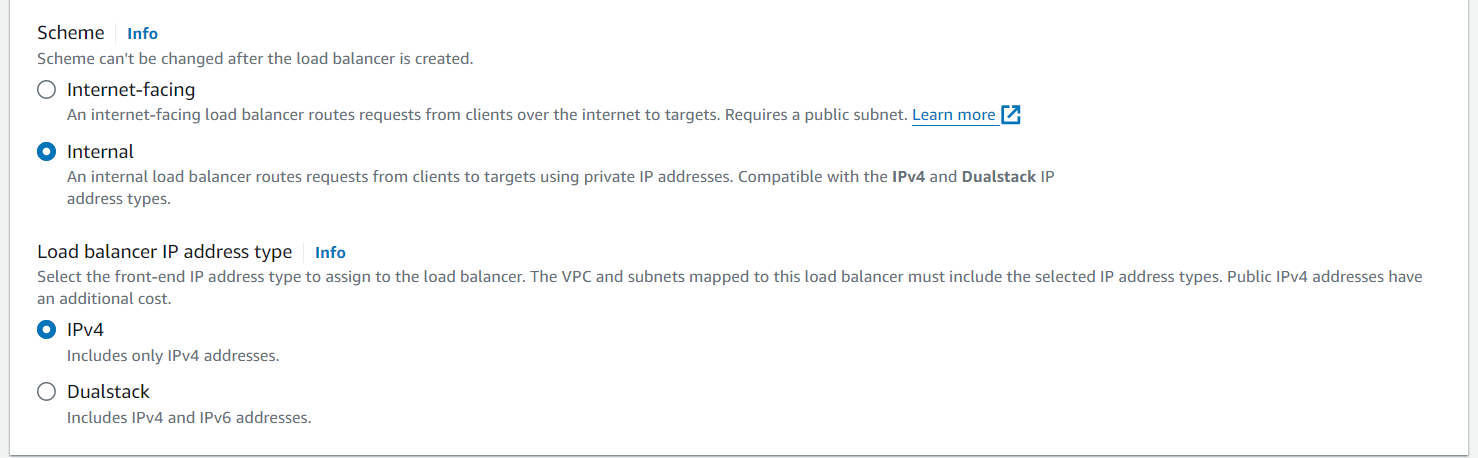
**Click Include as pending below**

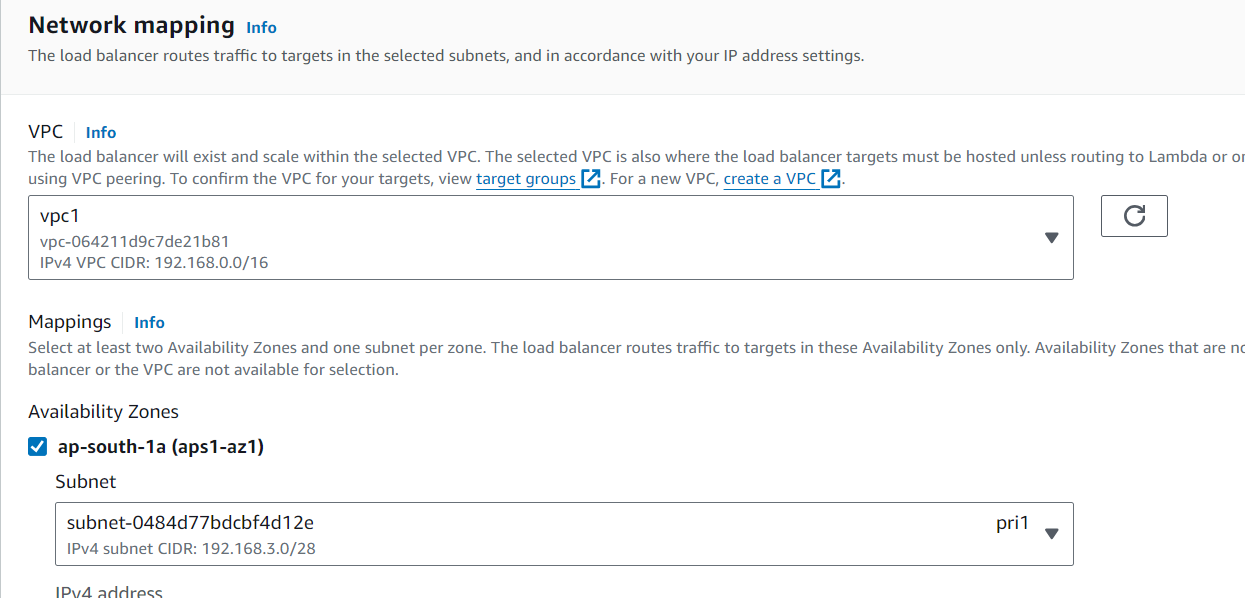


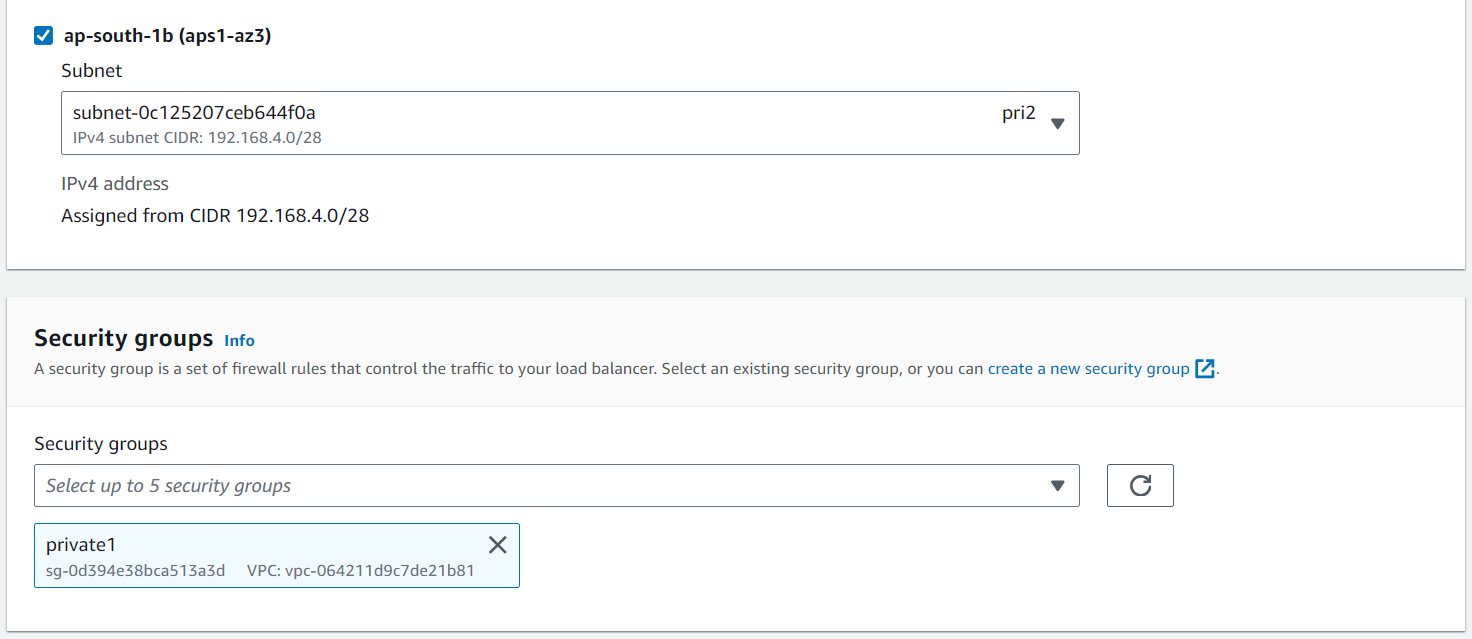
**Create the internal load balancer and go application lb**

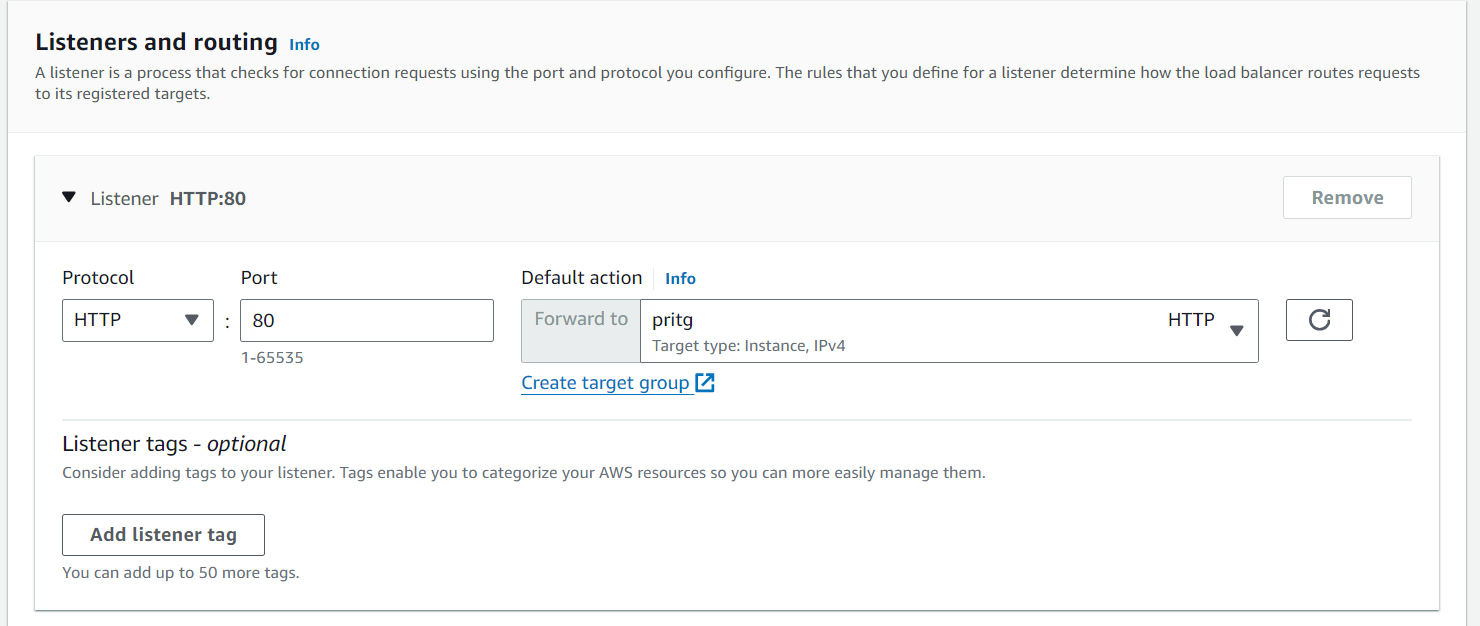


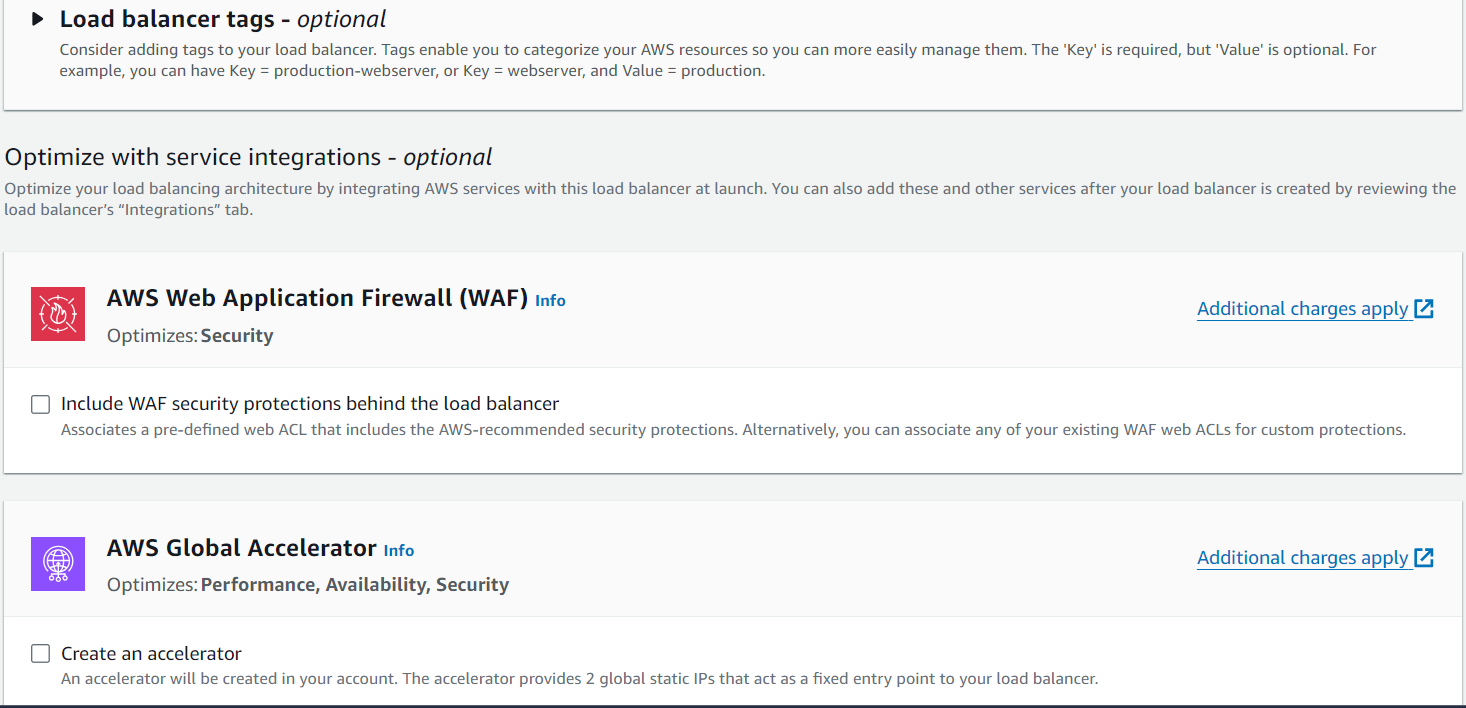


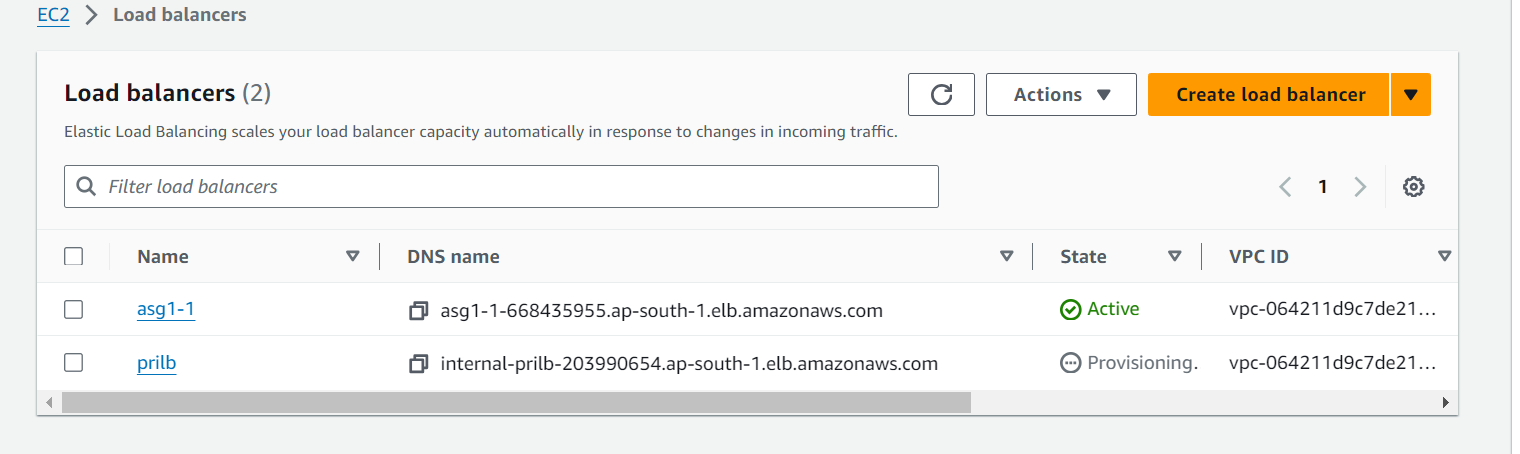




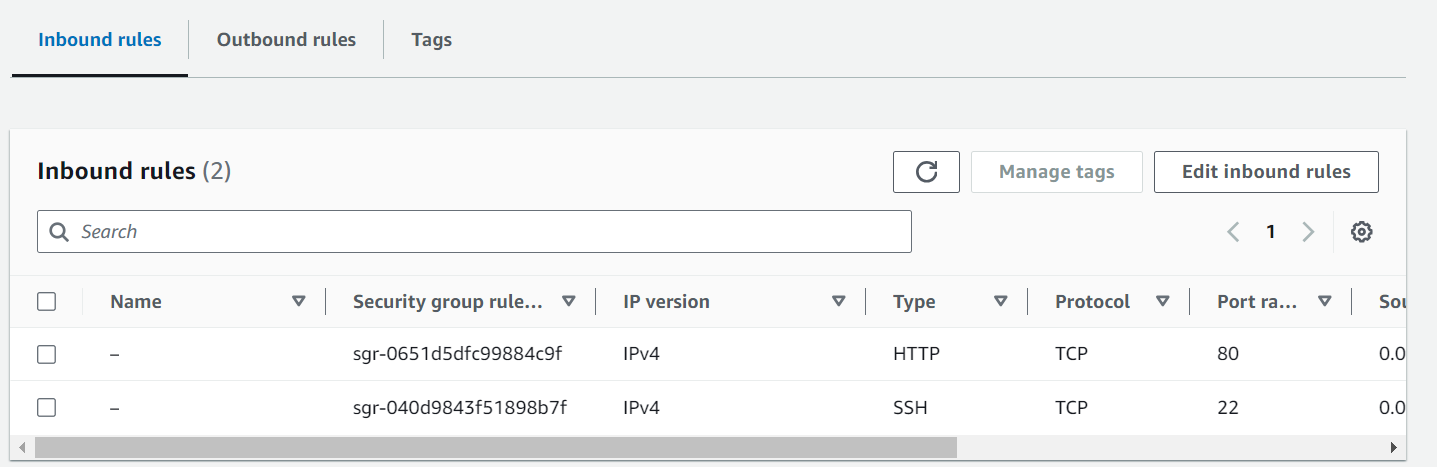




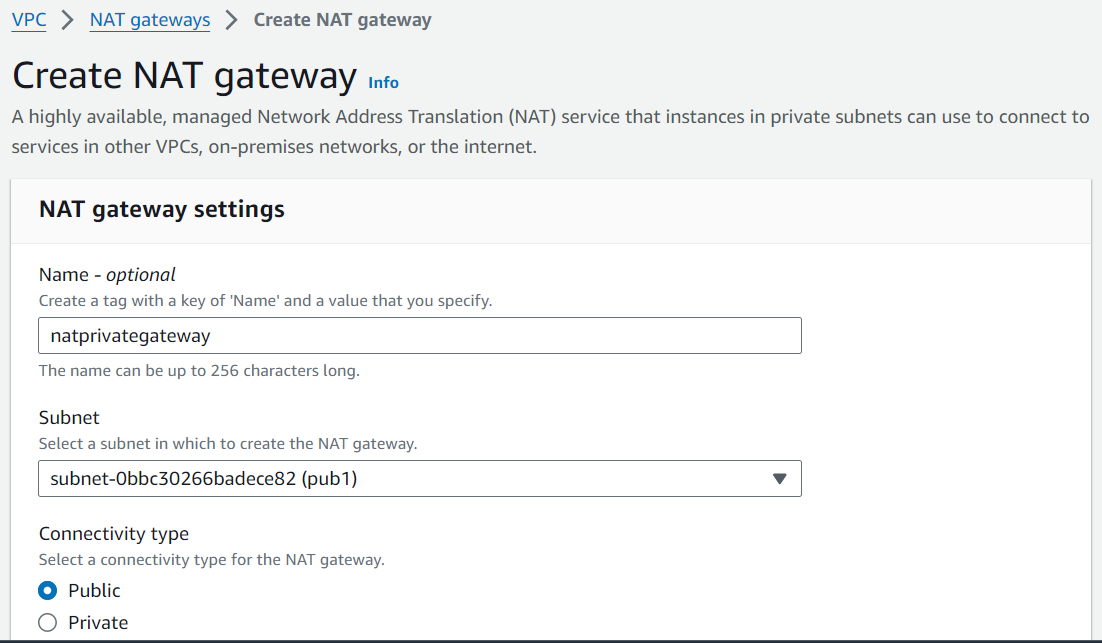


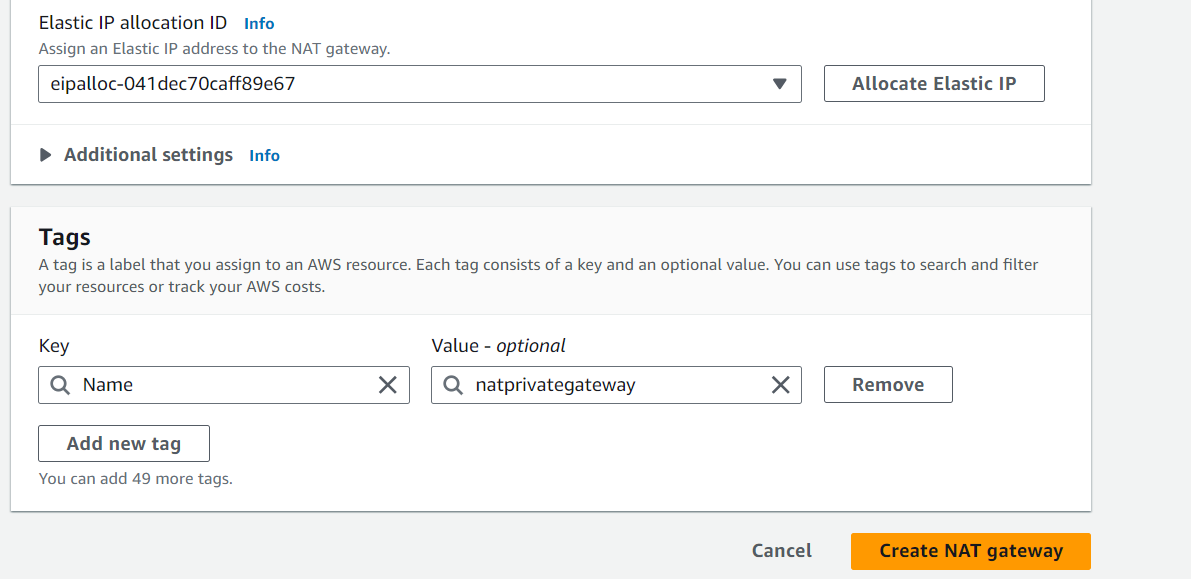


**If 2 ec2 private unhealthy so need check the security group and add it httpd**

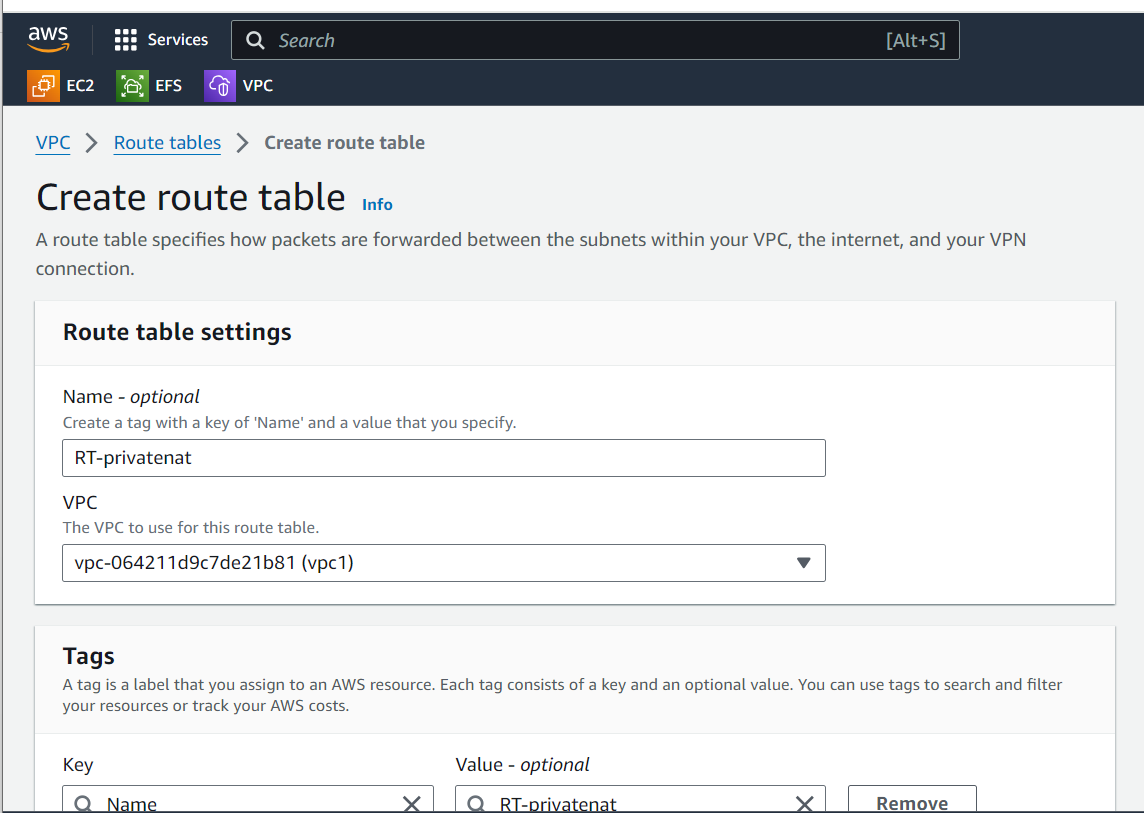


**Create Nat gate way**

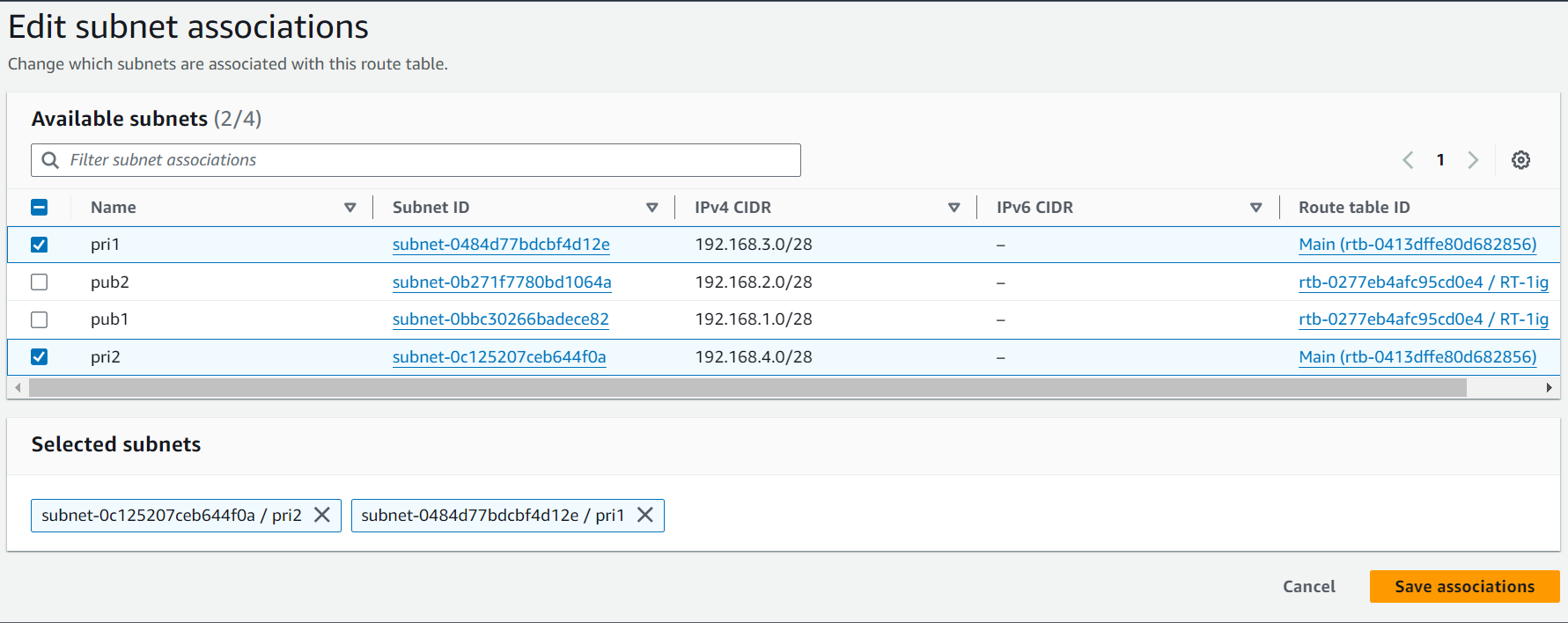




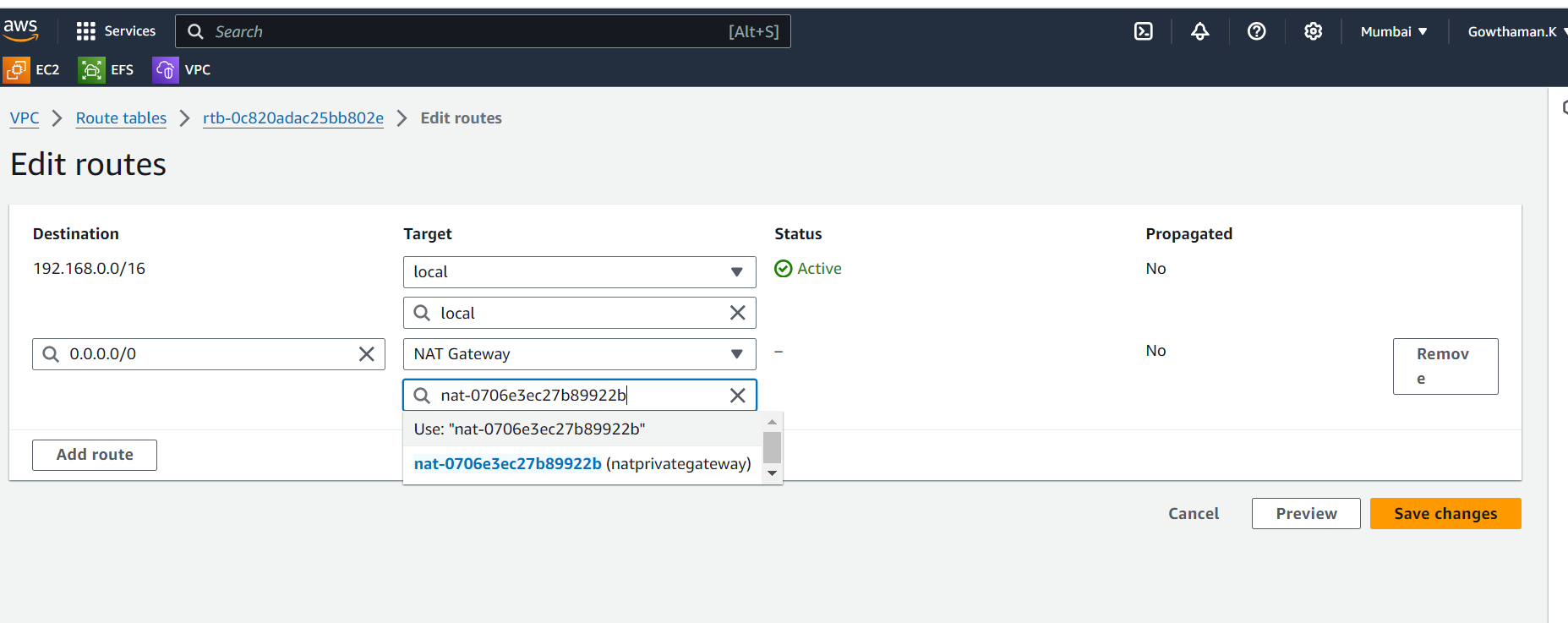
**Create a route table**



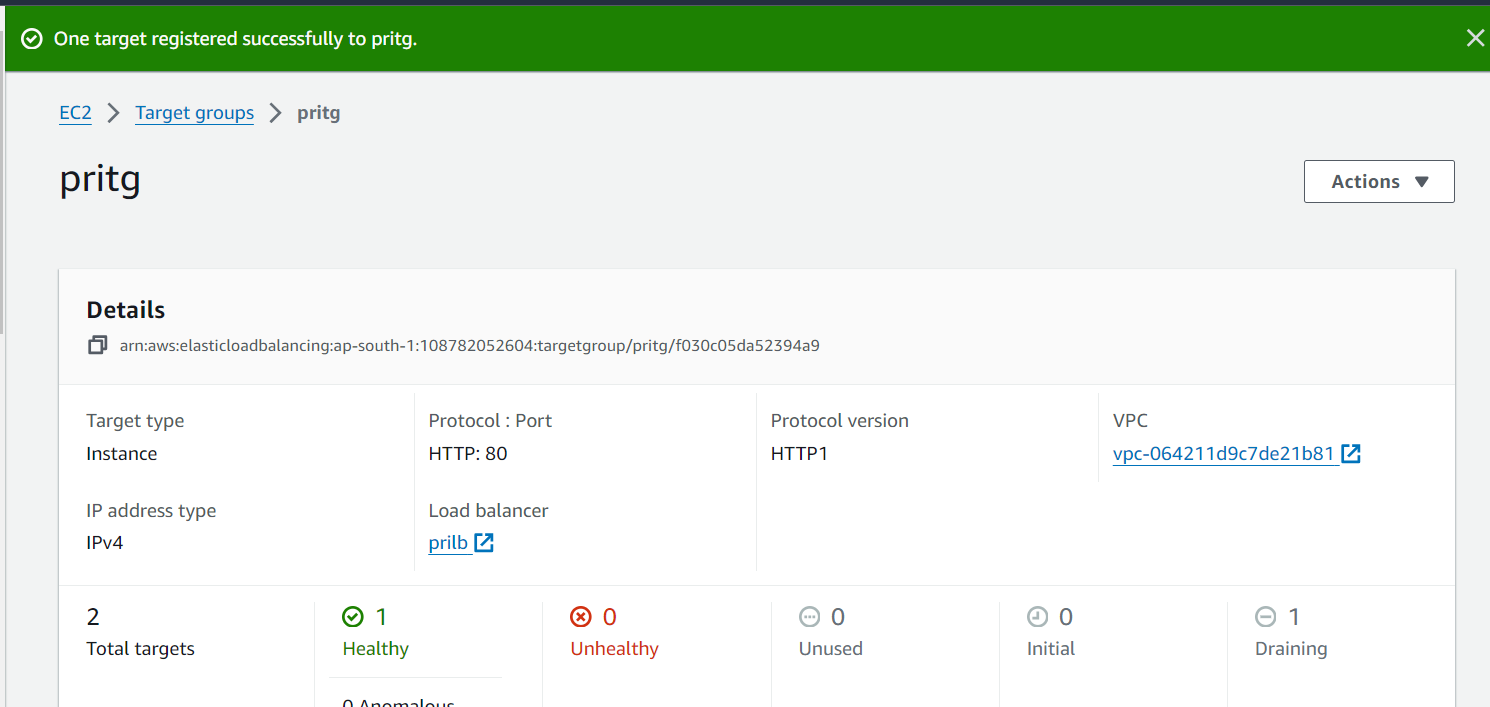
**Edit it**



**Go route add the nat gate way**



**To check the all security group and if it is healthy check the target group**



**Now check the output in the internal load balancer in dns**

