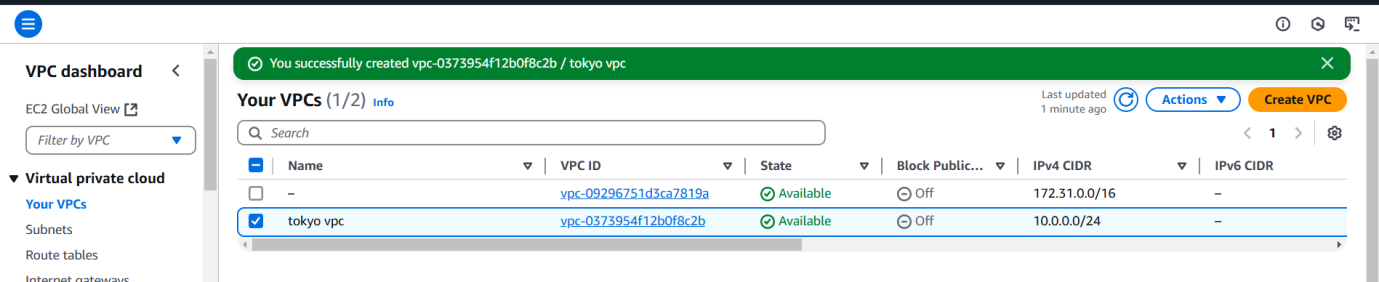
**Task on Autoscaling Groups.**

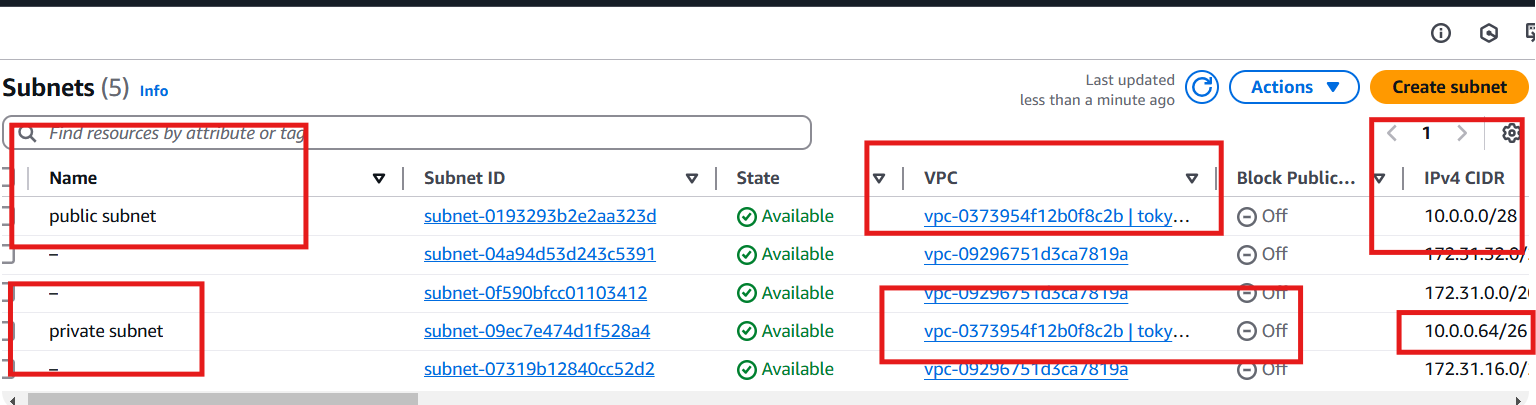
1. **Create one vpc in N.virginia region.**

**Created one vpc in Tokyo region , because on N ,VIRGINAE another user**

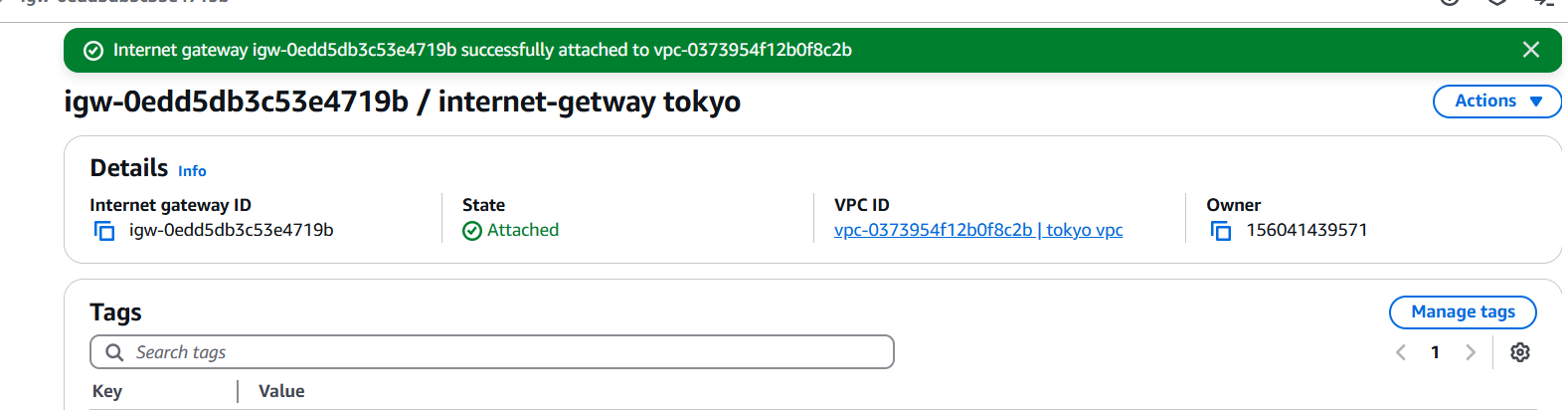
****

**2) Create two subnets.**

**One Public subnet and one private subnet.**

****

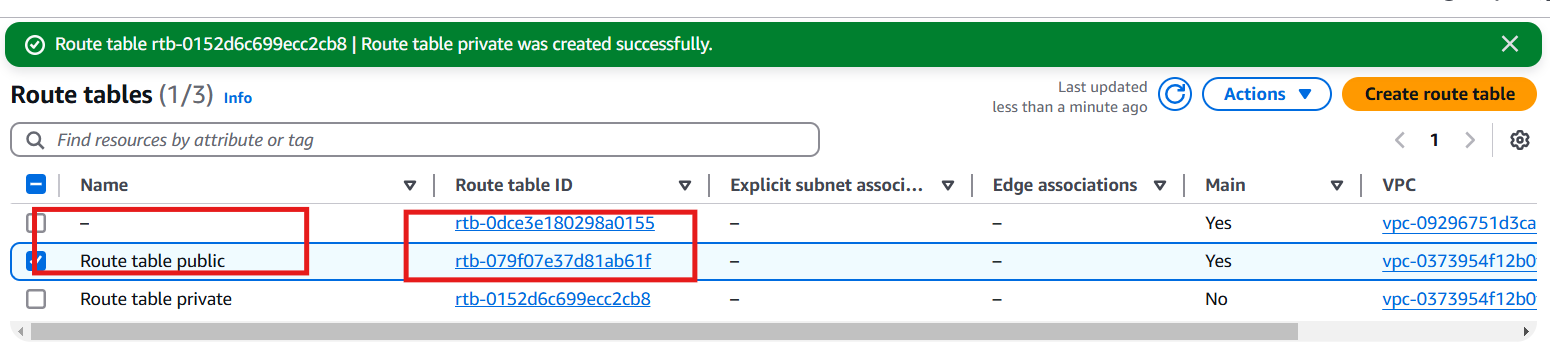
**3) Provide the IGW and attach to the vpc.**

****

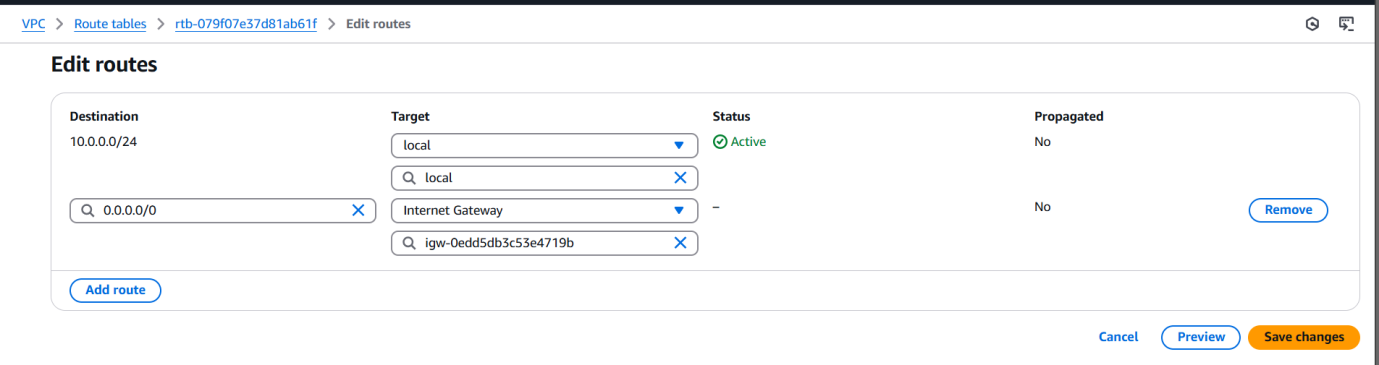
**4) Create One public RT and one private RT.**

Step

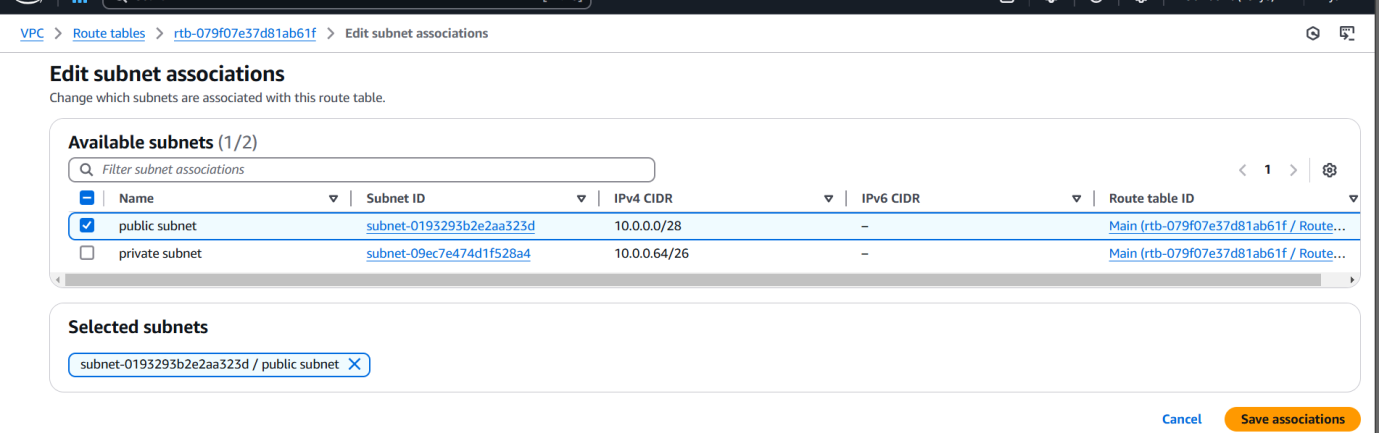
**Rename one public route to newly created vpc TOKYO, and created one private route table**

****

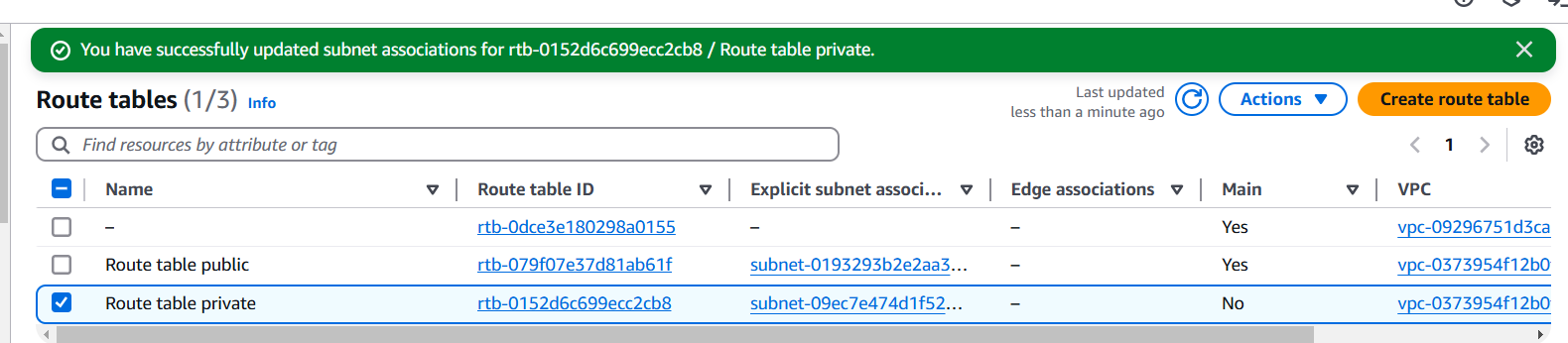
**Step 2 add internet gate way to public route table and edit routes**

****

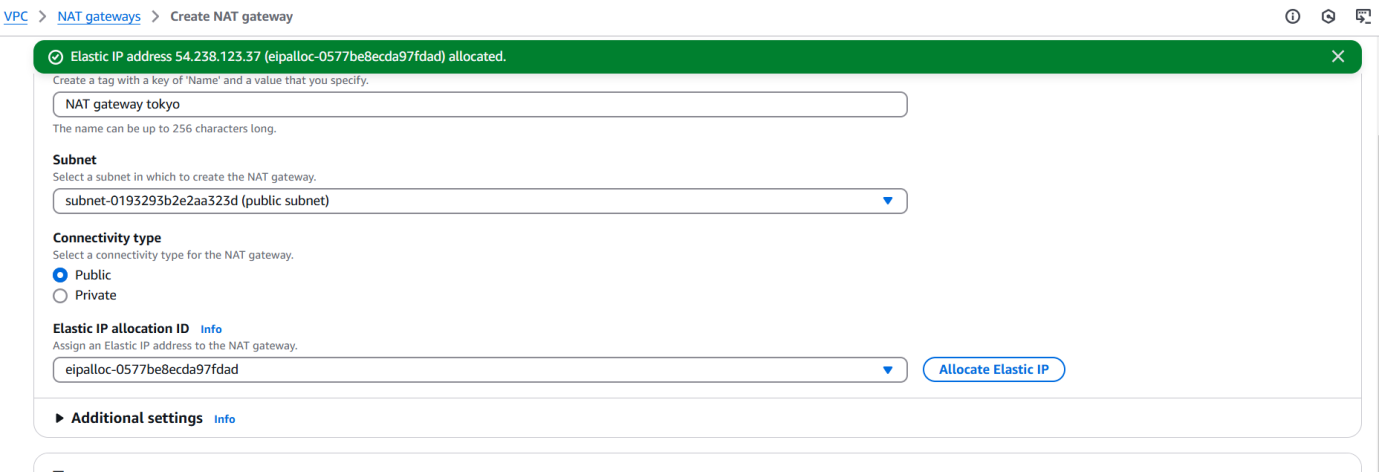
**Step 3 edit subnet association for public route table**

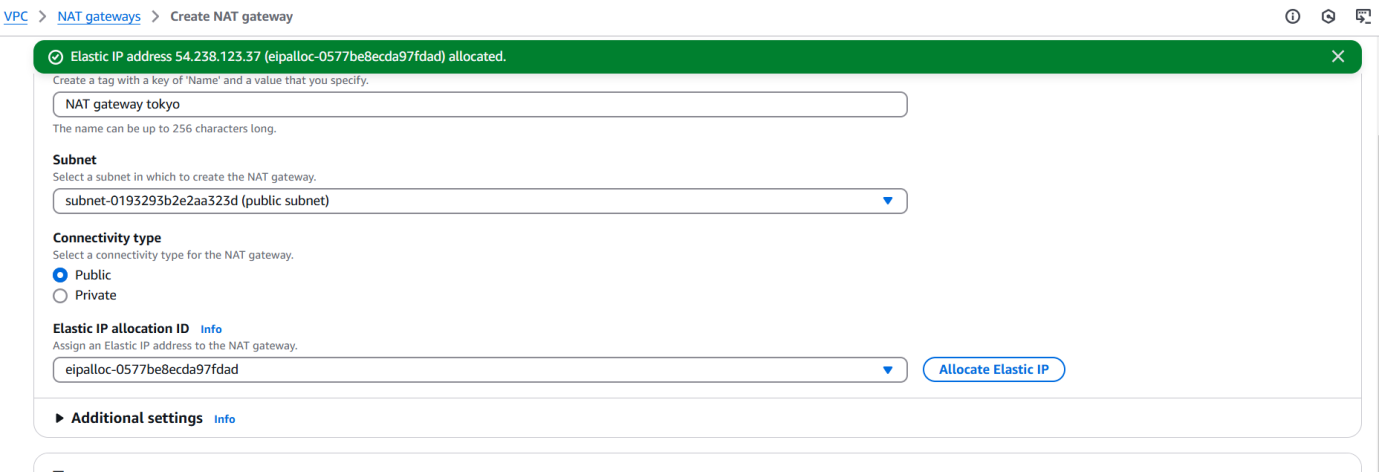
****

**Step 4 edit subnet association for private route table**

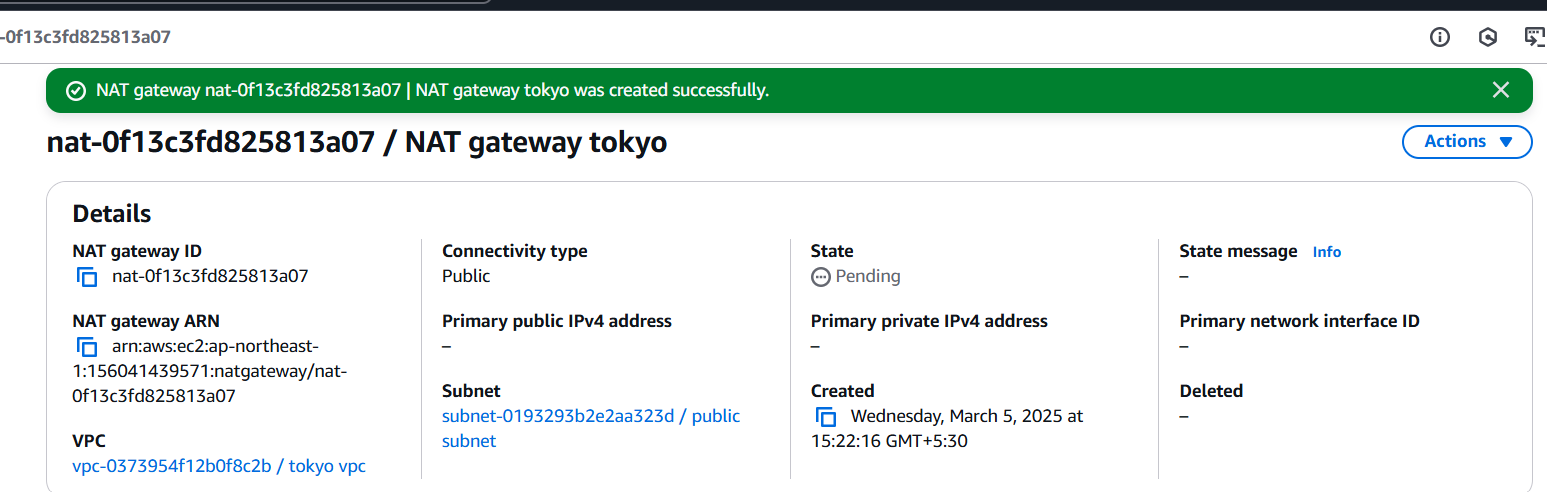
****

**5) Deploy NAT gateway on public subnet and attach the NAT gatewat to private subnet.**

**Step 1: Go create NATgateway and allocate one elastic ip to and select private subnet **

****

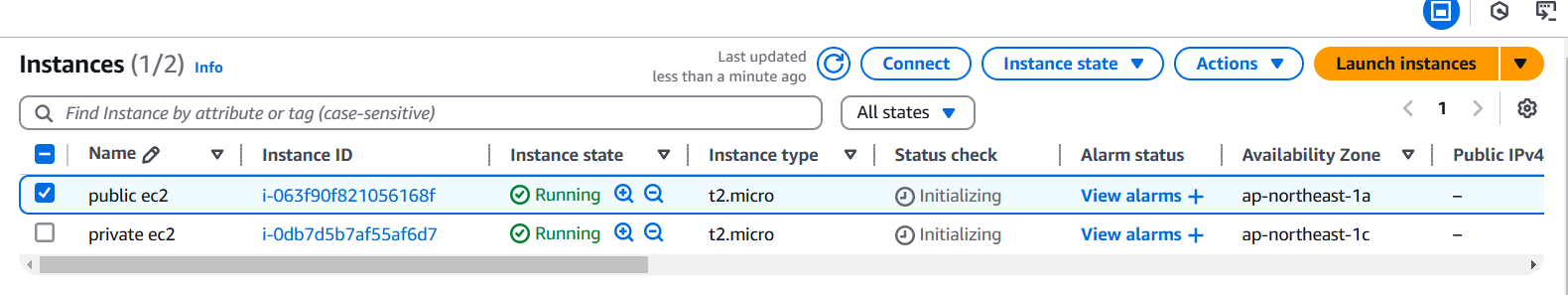
**NAT GATEWAY created**

****

**6) Create Two instances,one in public subnet and one in private subnet.**

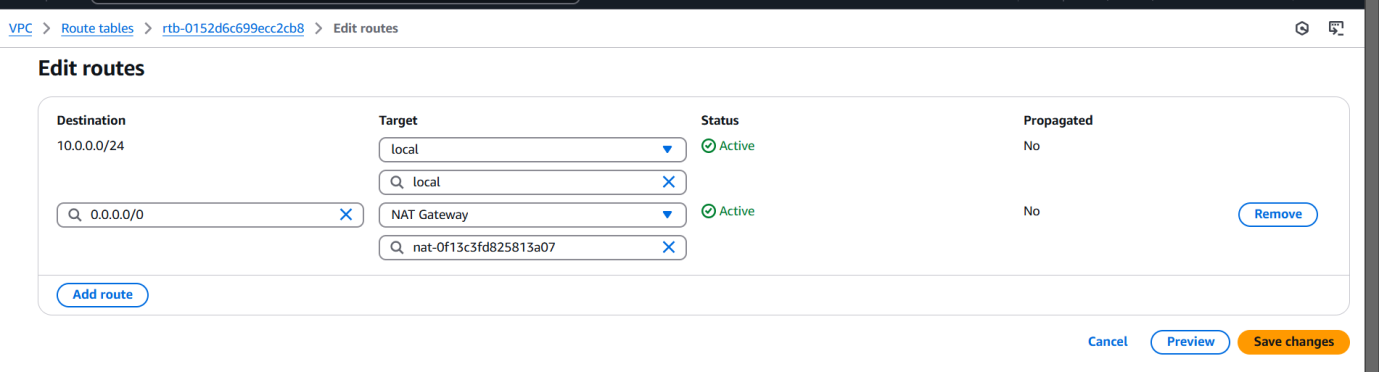
**Step 1 created 1 publice ec2 and attached private subnet with vpc Tokyo**

**Step 2 created 1 private ec2 and attached private subnet with vpc tokyo**

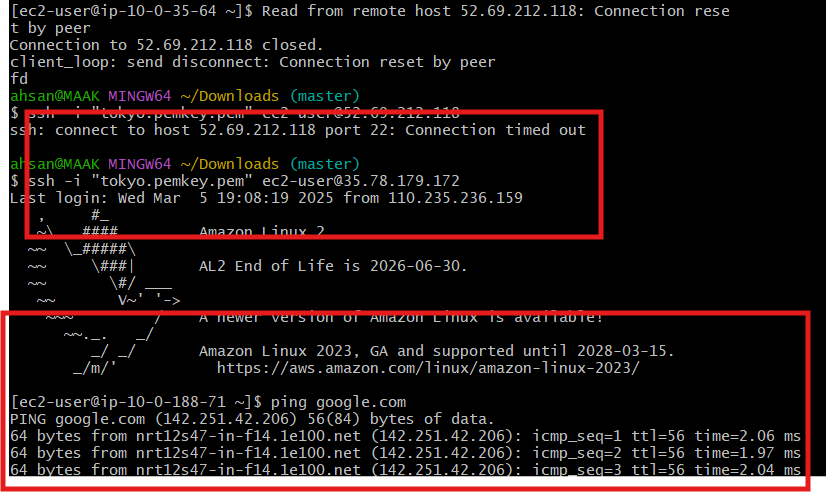
****

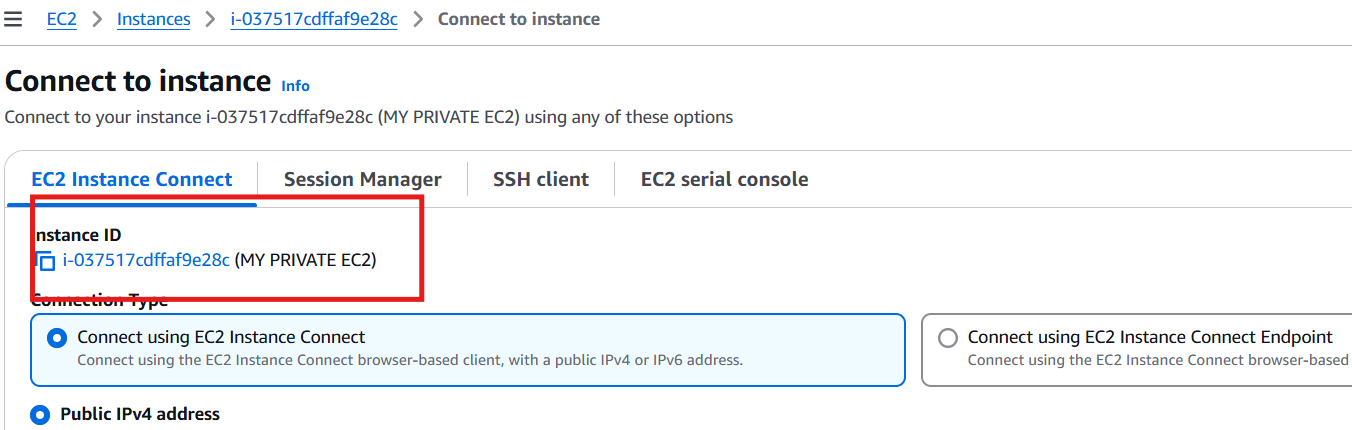
**Step3 go to vpc and route table and select private subnet then edit routes**

**Destination 0.0.0.0 and Target NAT gateway savechanges**

****

**Step4 I can able to ping from pivate ec2 to google.com**

****

****

**7) Deploy Apache server on both the ec2 instances with sample index.html file.**

**8) Create one application load balancer and attach the load balancer to both the ec2 instances.**

**9) Store Application load balancer logs to s3.**

**10) Store the vpc flow logs to cloudwtach group.**

**11) Create Monitoring Dashboards to monitor cpu utilization and to monitor apache service.**

**12) CPU utilizationis more than 70% then it should triggere Autoscaling and launch new instance.**