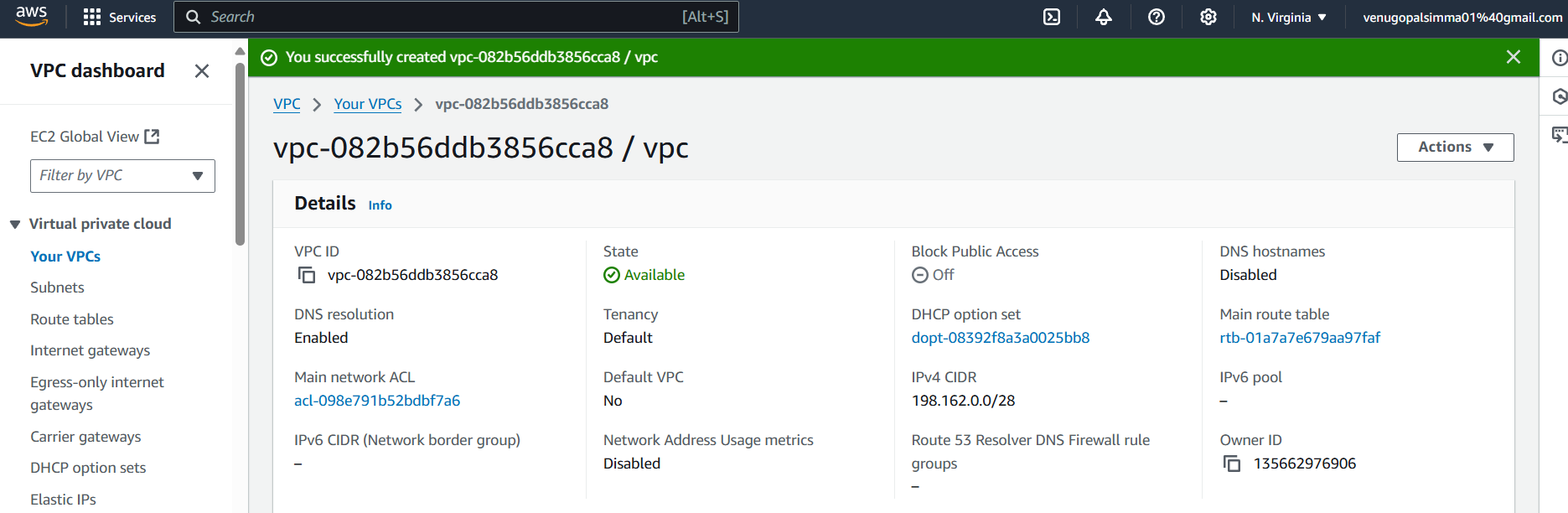
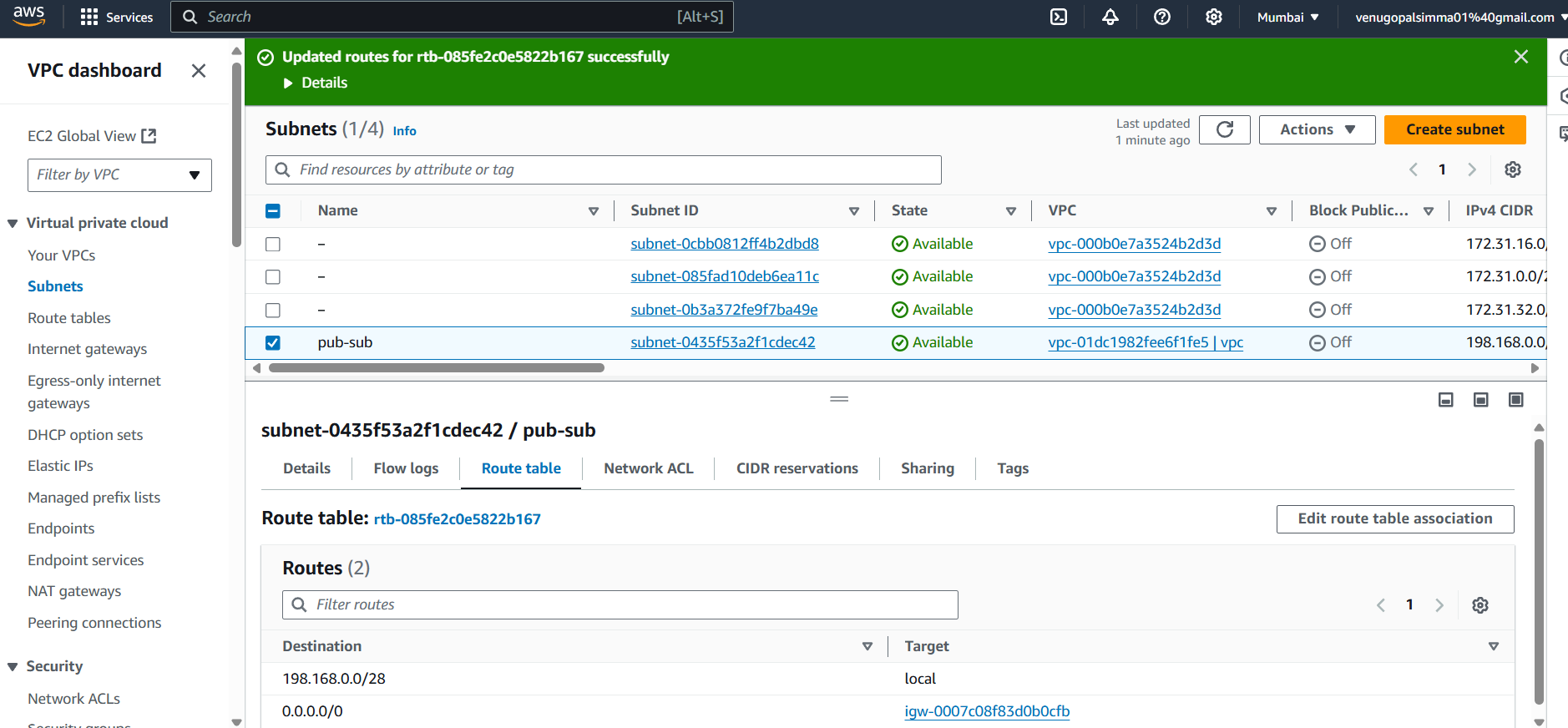
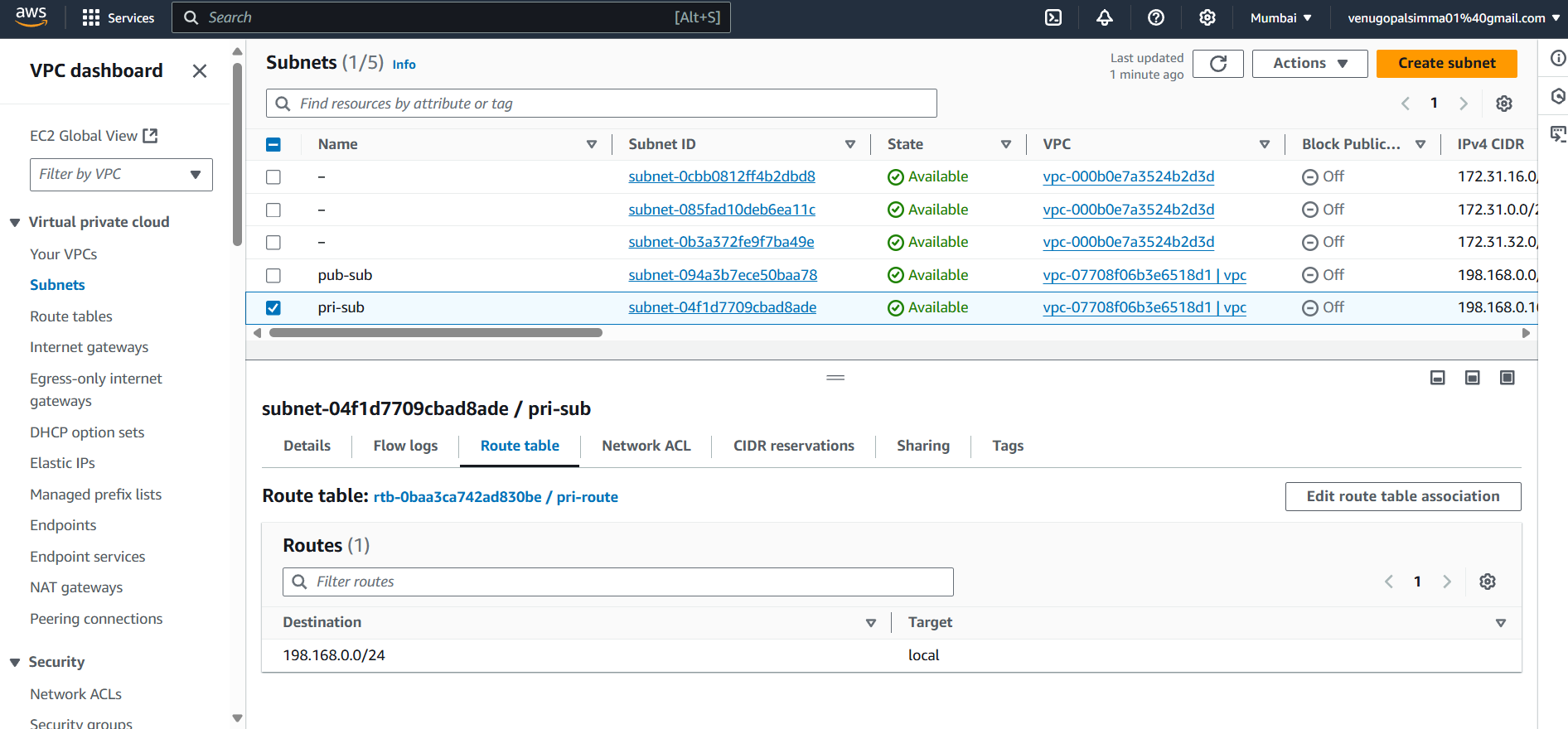
1. **Create one vpc in N.virginia region.**

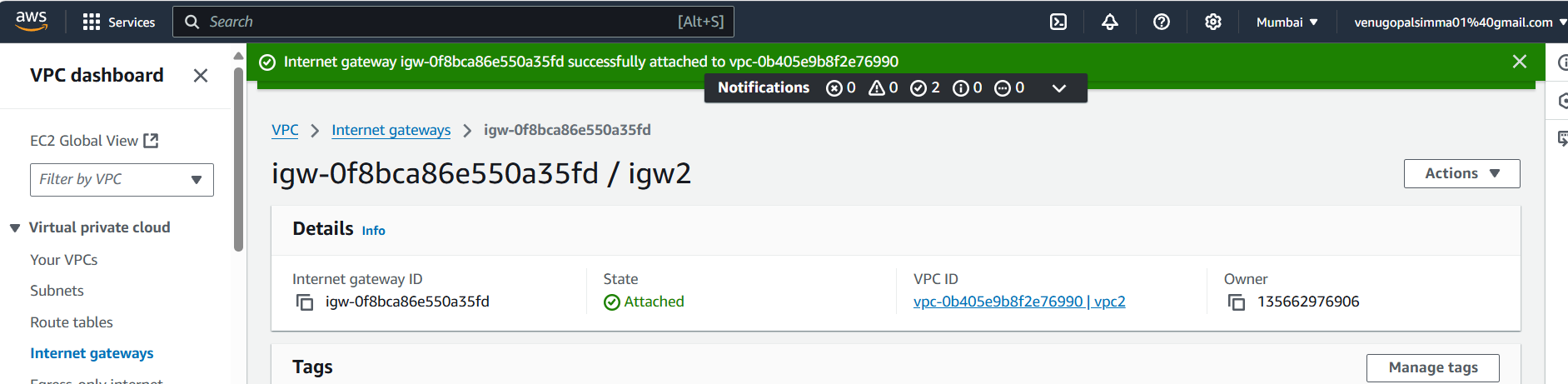


1. **Create two subnets. One Public subnet and one private subnet.**

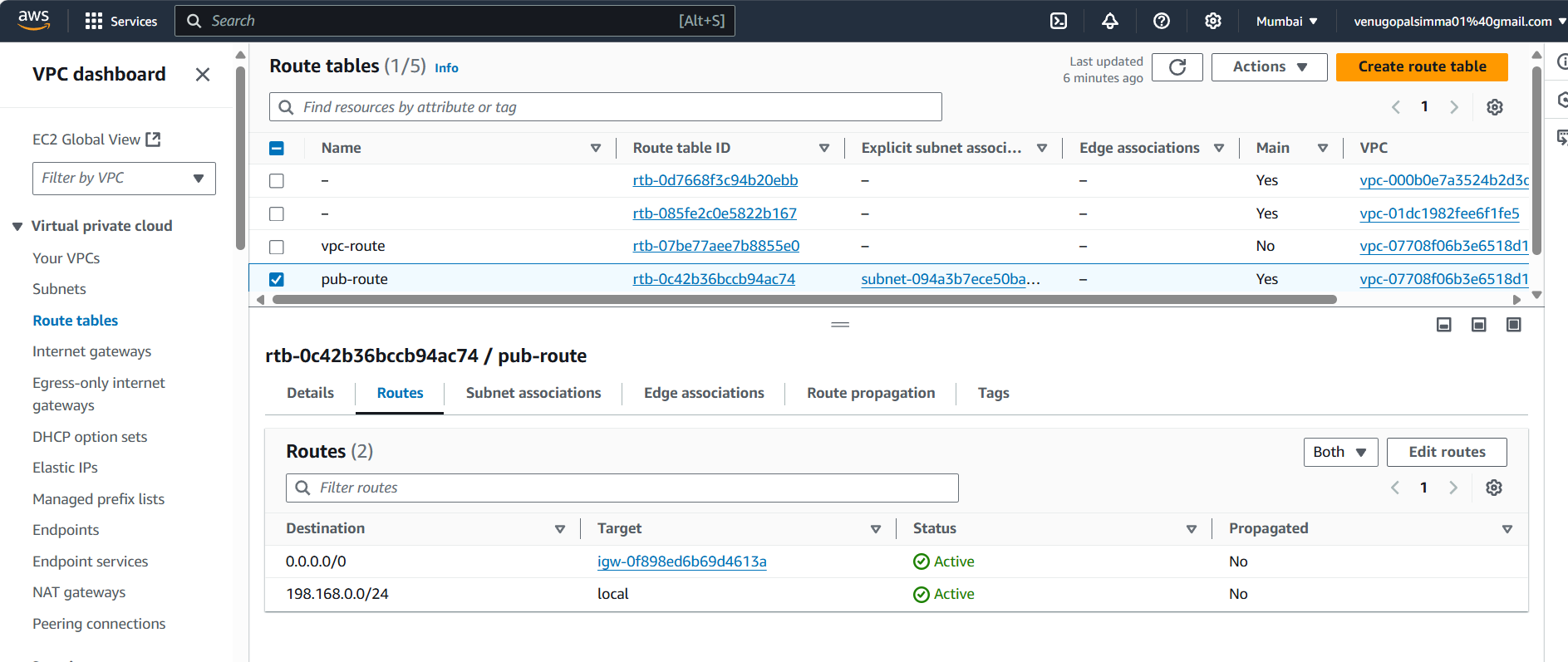


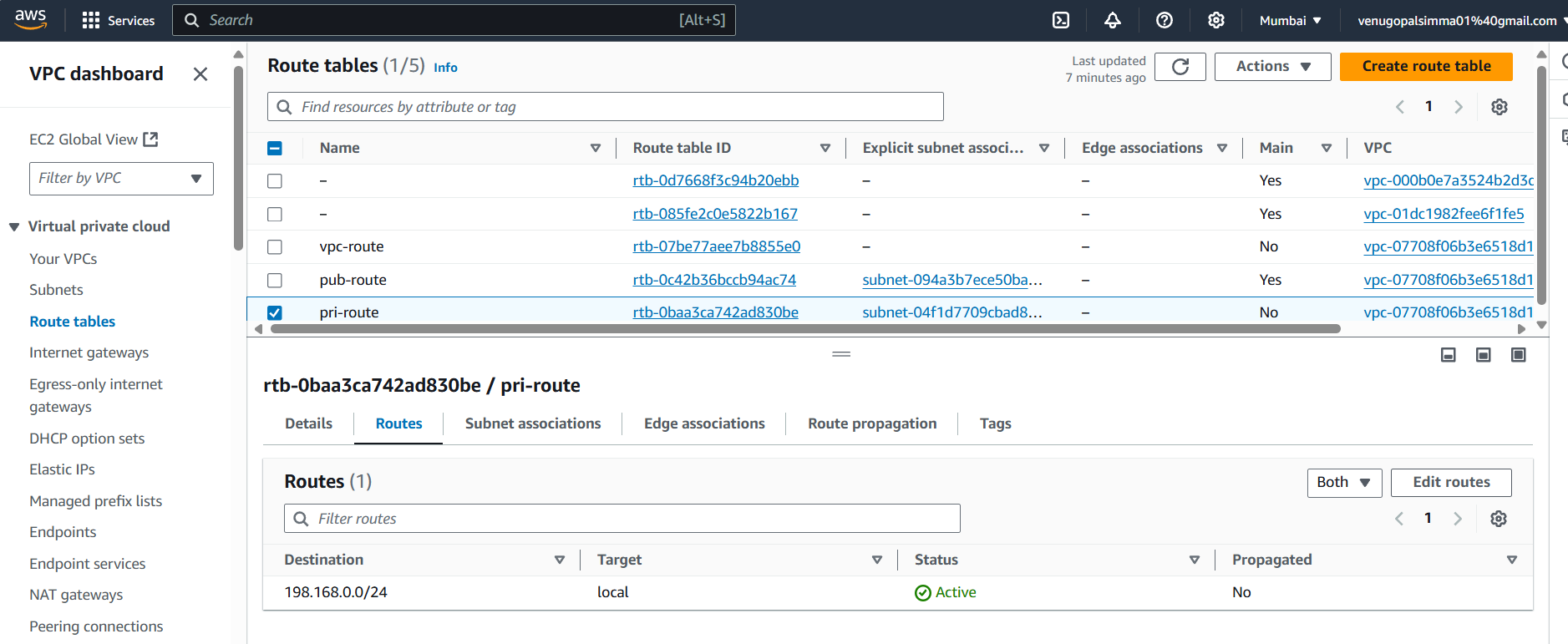


1. **Provide the IGW to the vpc.**

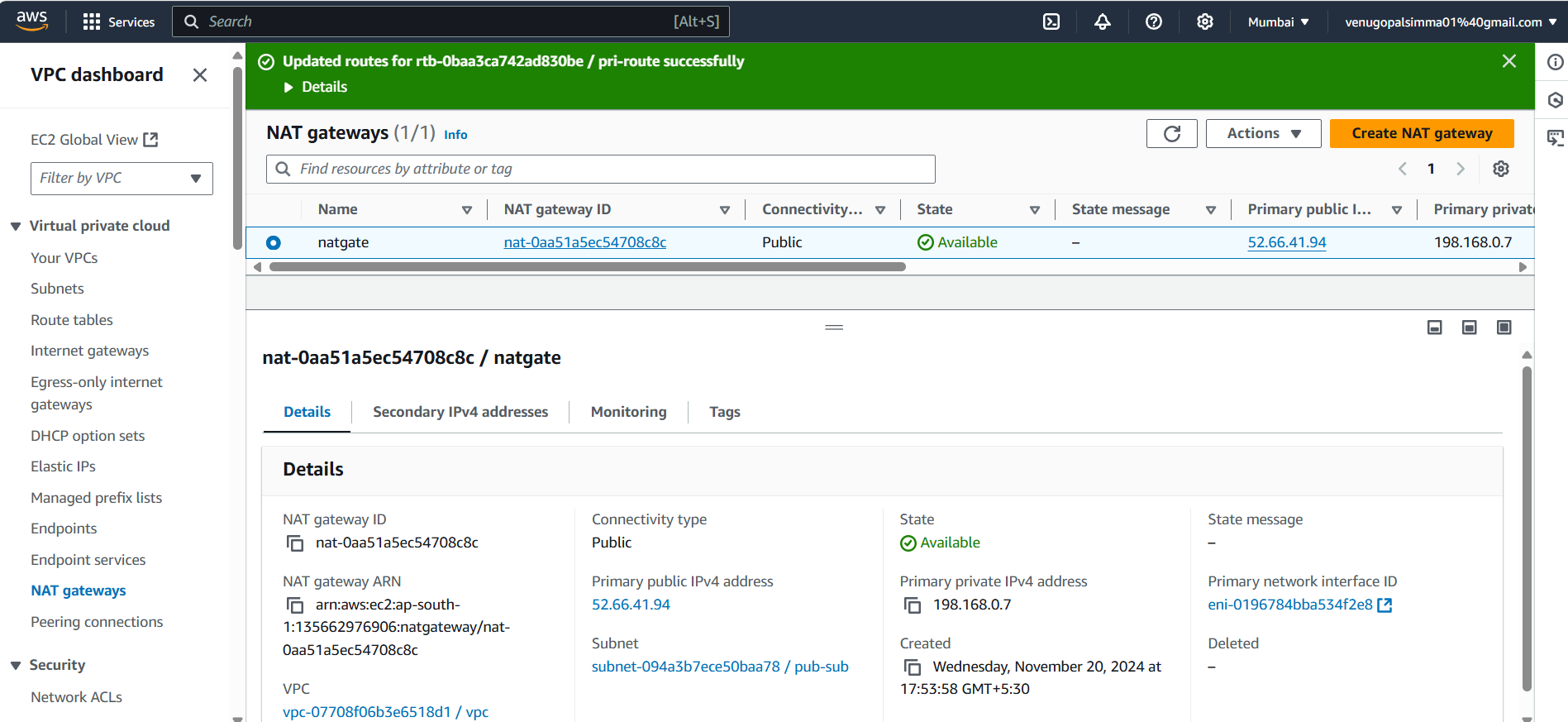


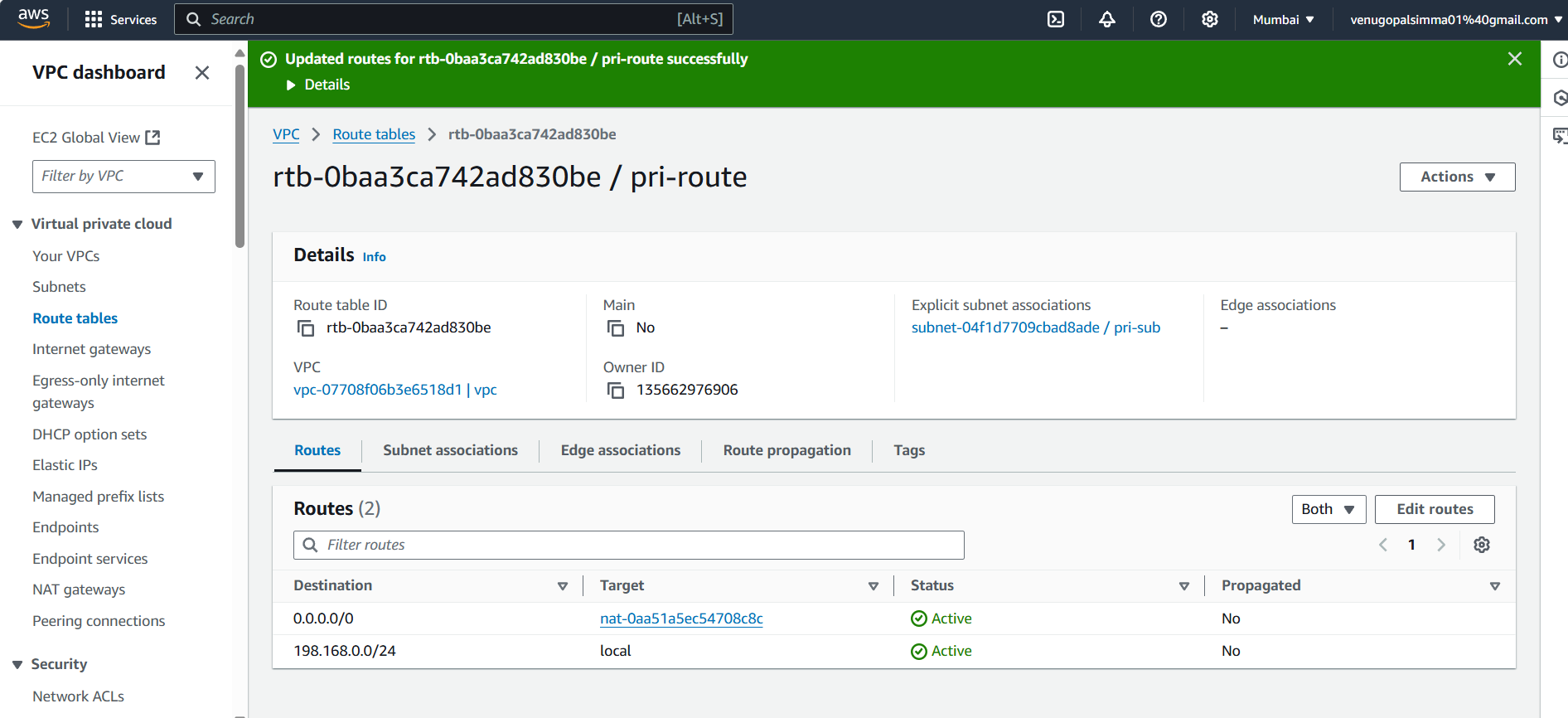
1. **Create One public RT and one private RT.**



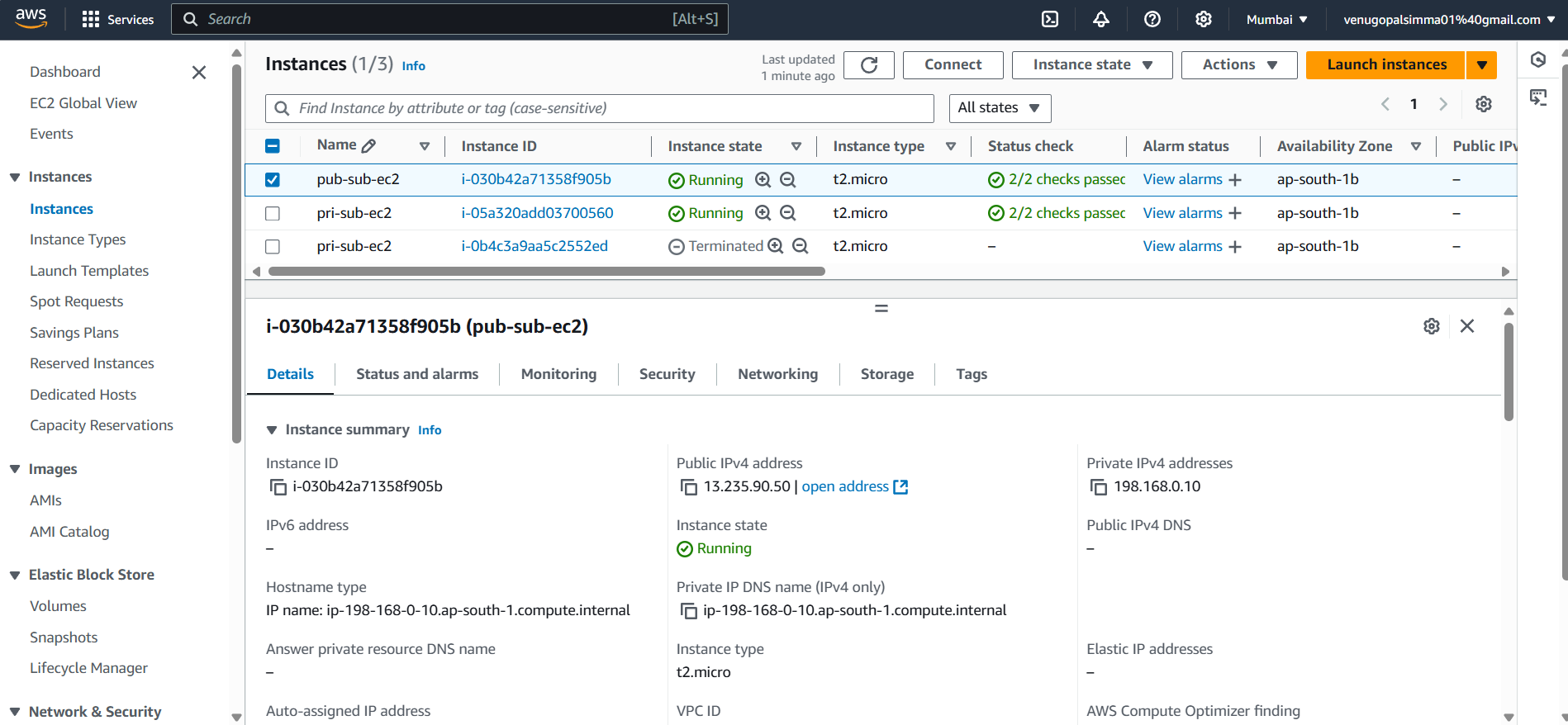


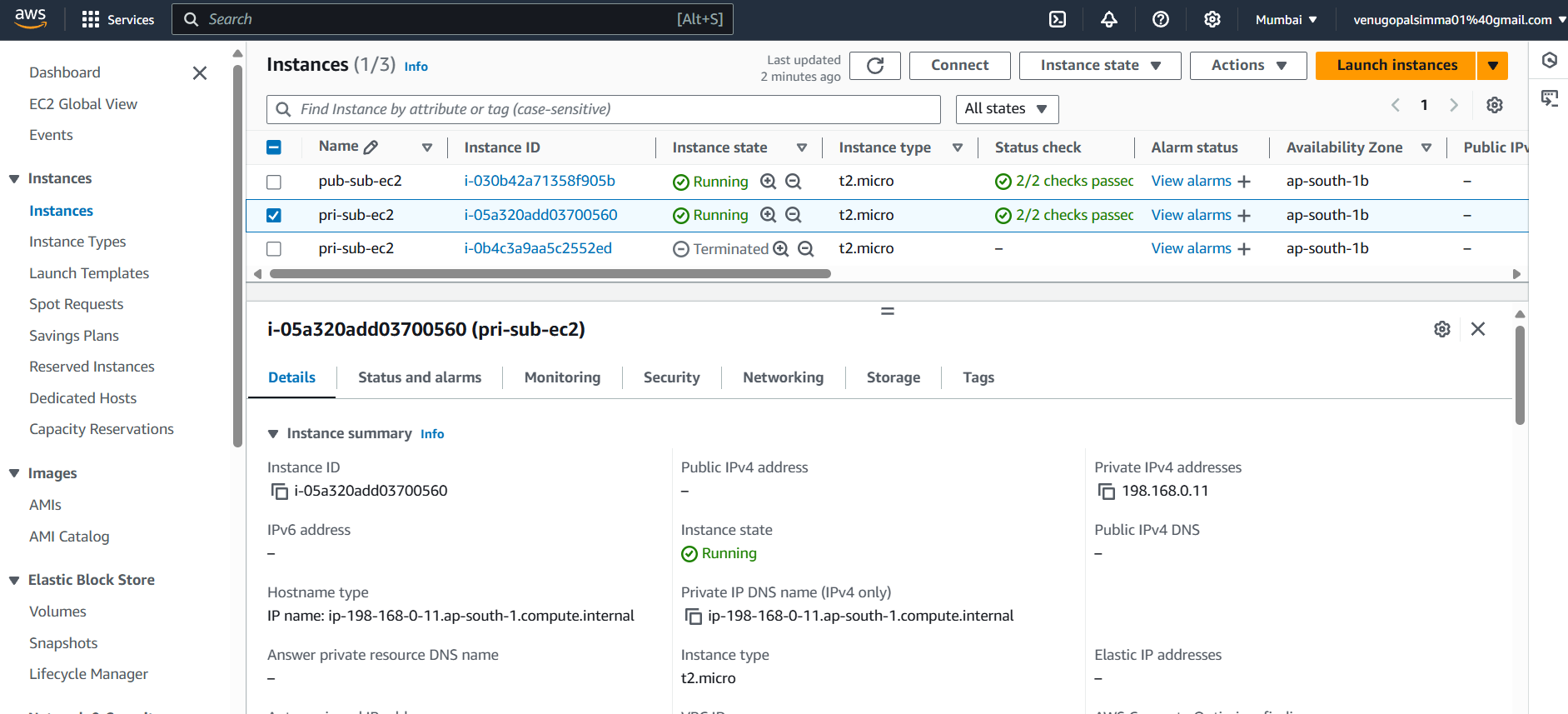
1. **Deploy NAT gateway on public subnet and attach the NAT gatewat to private subnet.**



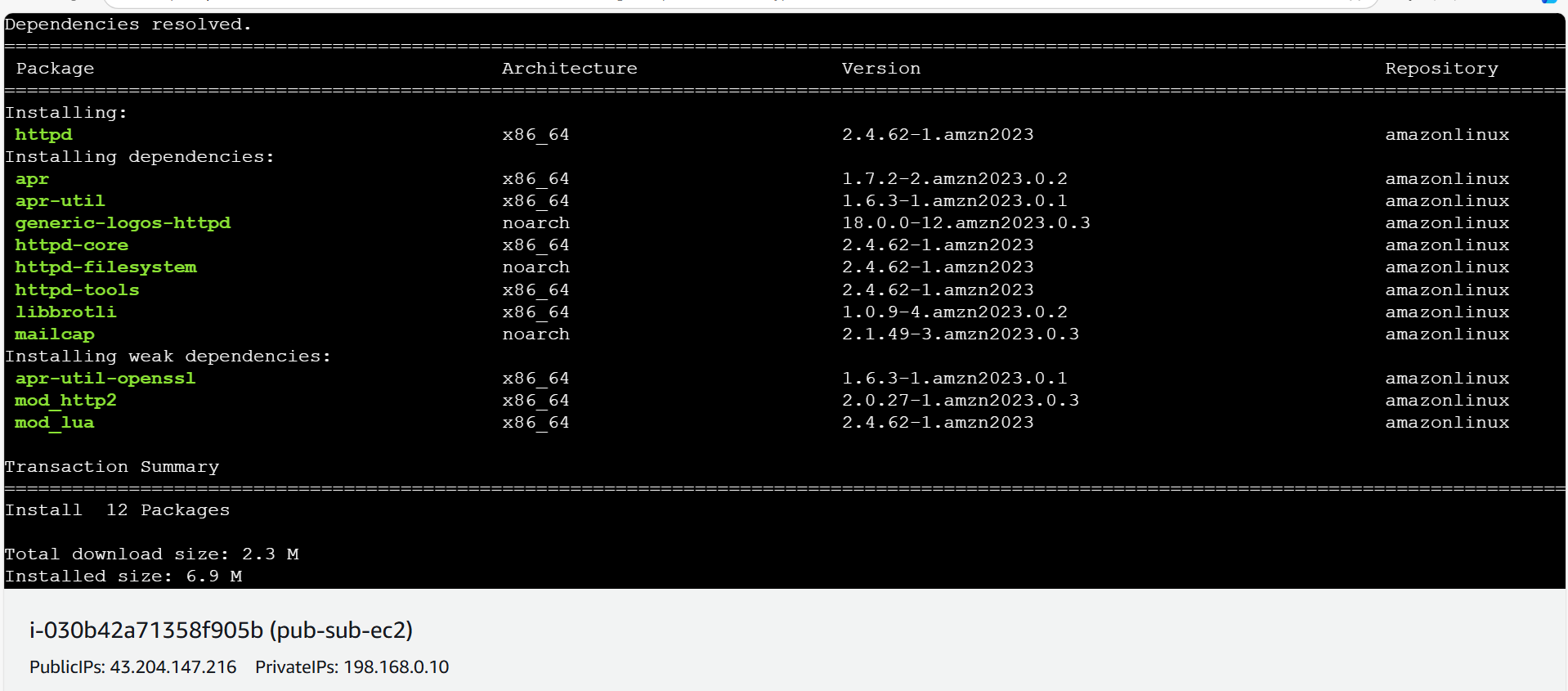


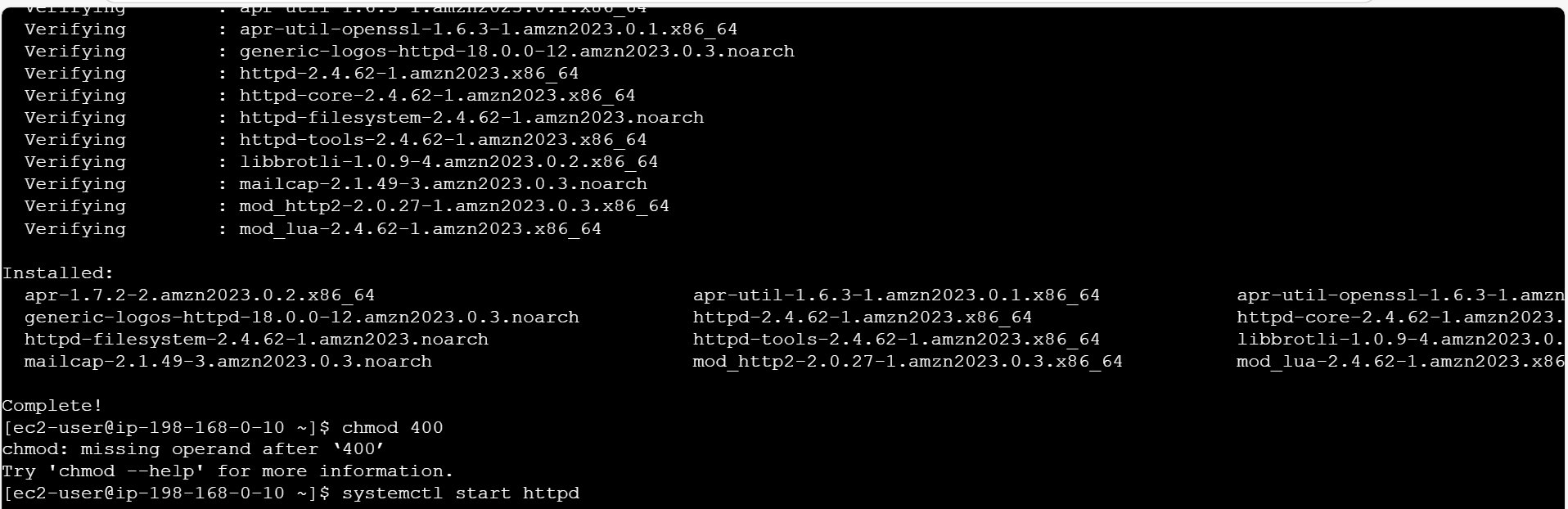
1. **Create Two instances,one in public subnet and one in private subnet.**





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





1. **Create one application load balancer and attach the load balancer to both the ec2 instances.**
2. **Store Application load balancer logs to s3.**
3. **Store the vpc flow logs to cloudwtach group.**
4. **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.**