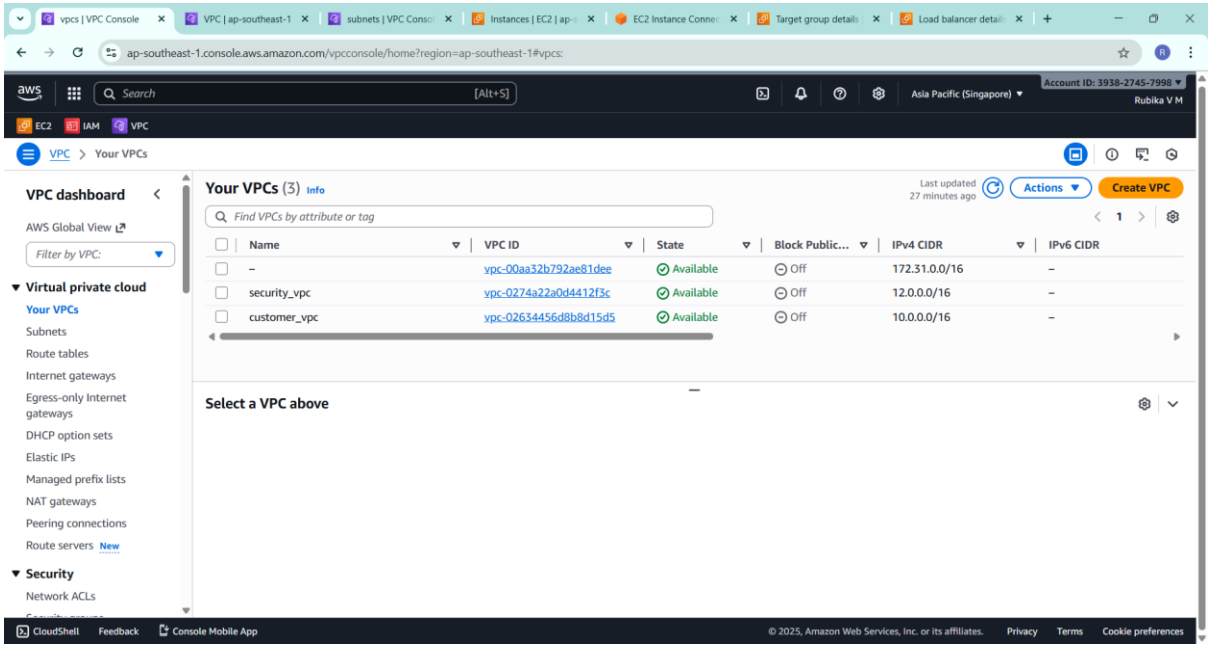
Task - 23

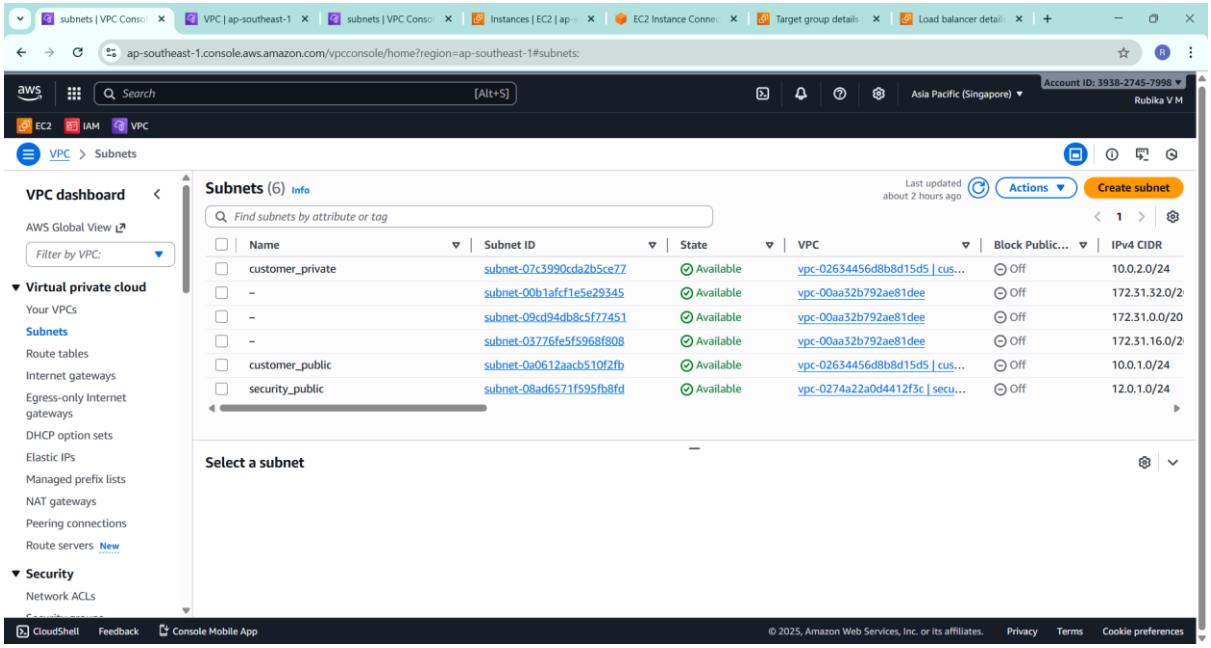
Gateway load balancer

- A Gateway Load Balancer (GWLB) is a type of load balancer that acts as a transparent network gateway to deploy, scale, and manage a fleet of virtual appliances like firewalls, intrusion detection systems, and deep packet inspection systems.
- It provides a single entry and exits point for network traffic, distributes that traffic to healthy appliances, and uses a protocol like Geneve to encapsulate traffic transparently so the appliances see the original source and destination of the traffic.

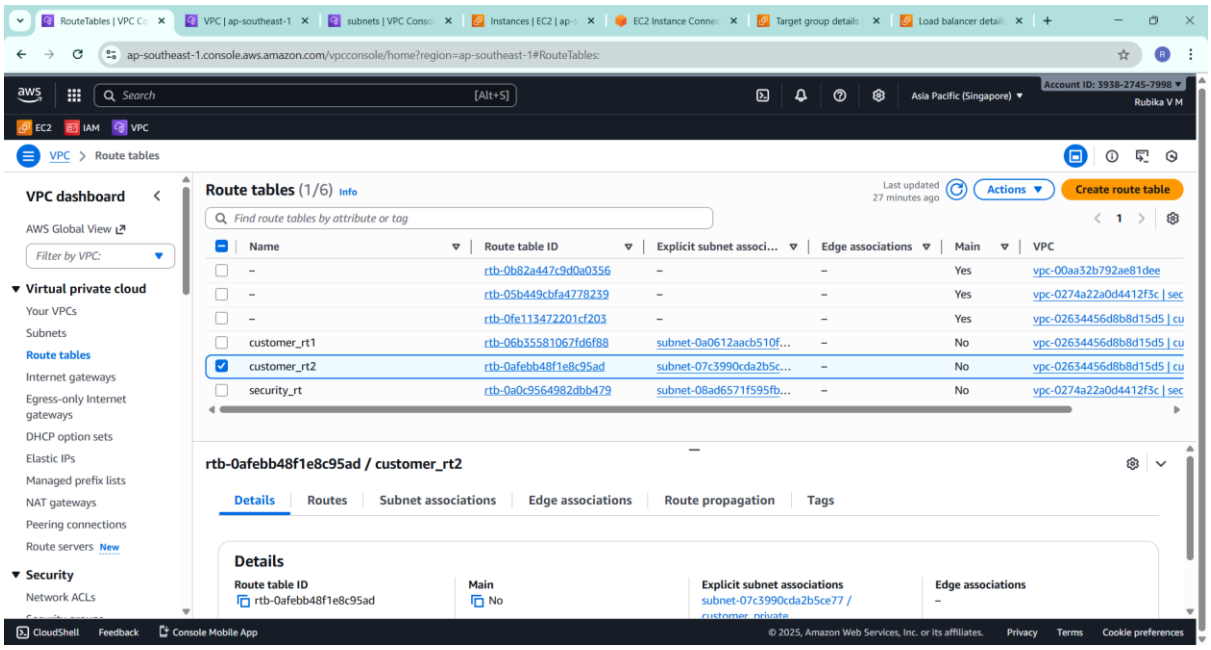
Create a VPC



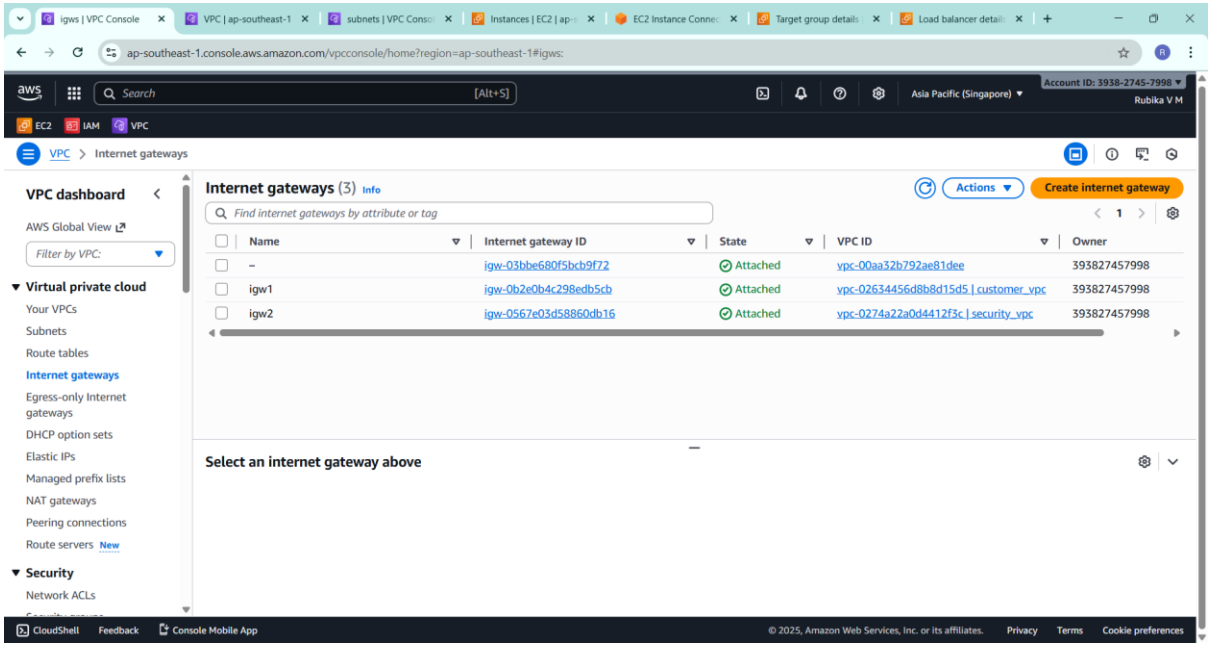
Create a subnet



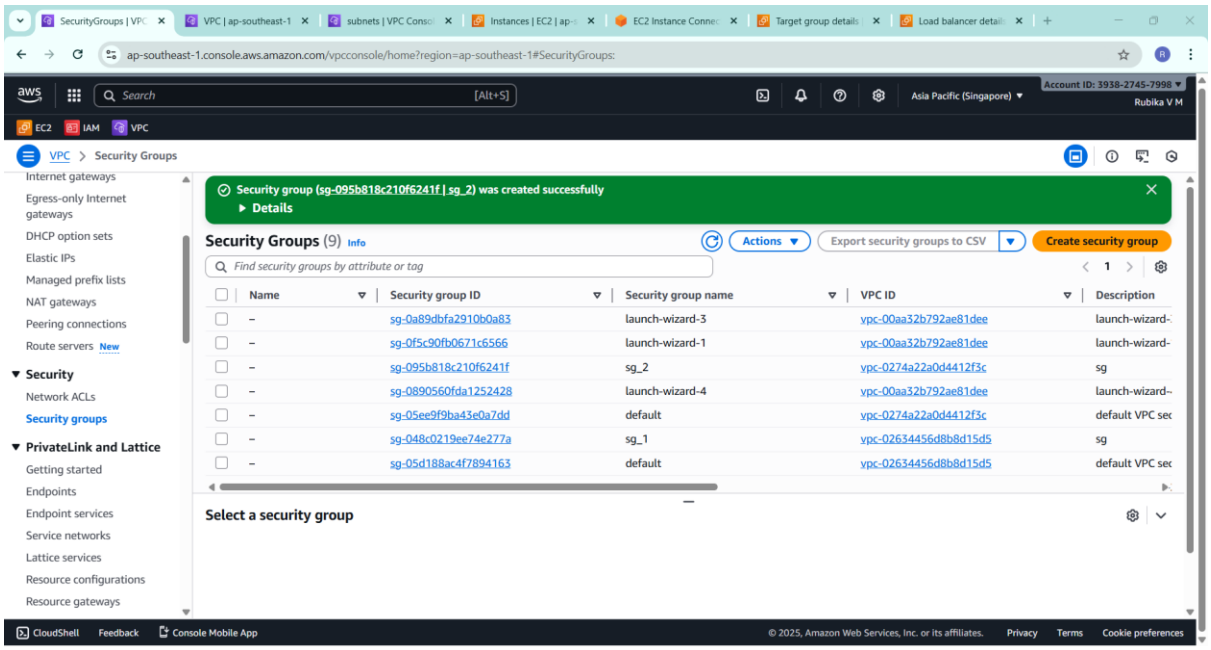
Create route table



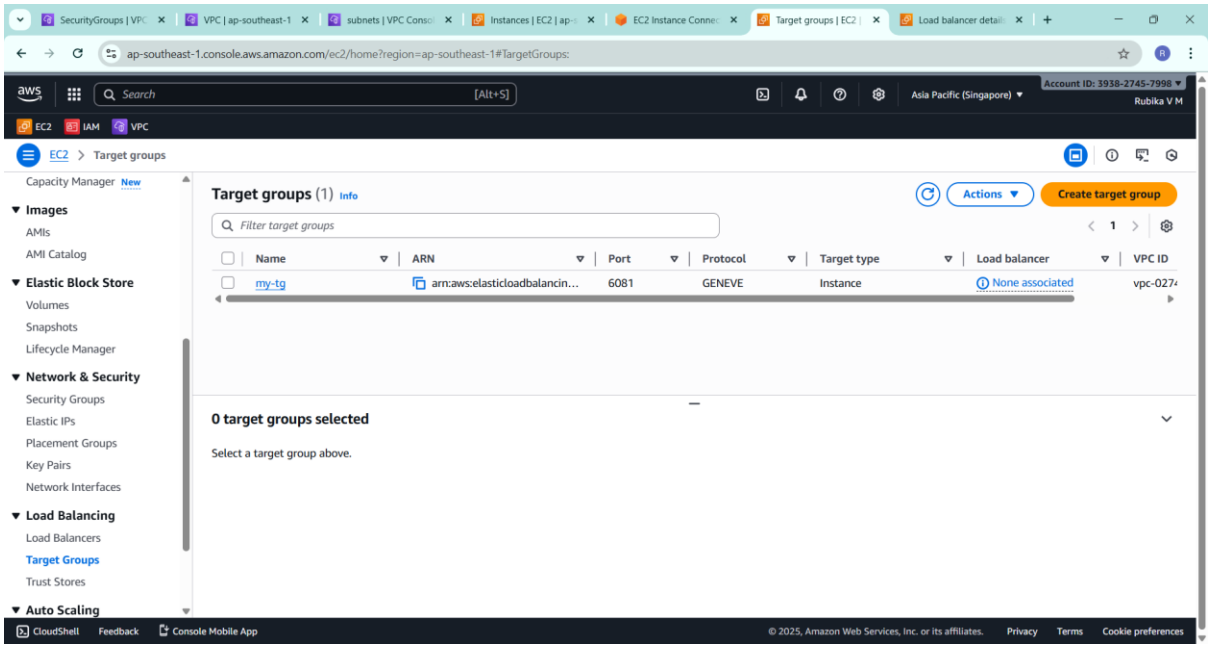
Create internet gateway



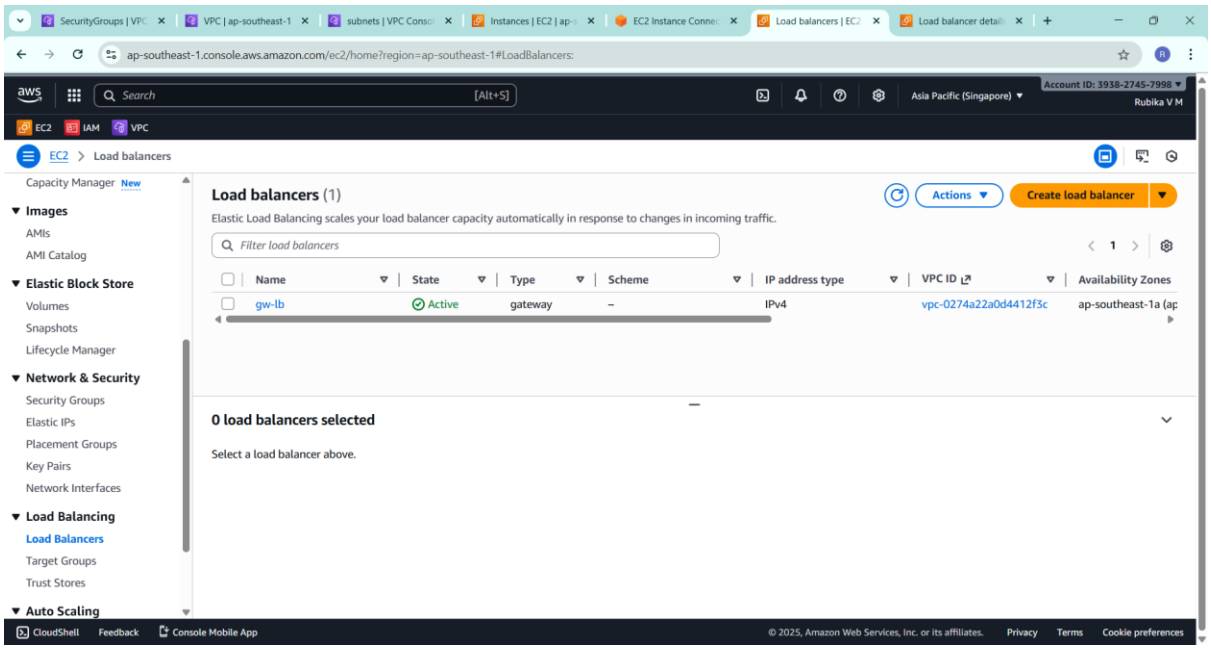
Create a security group



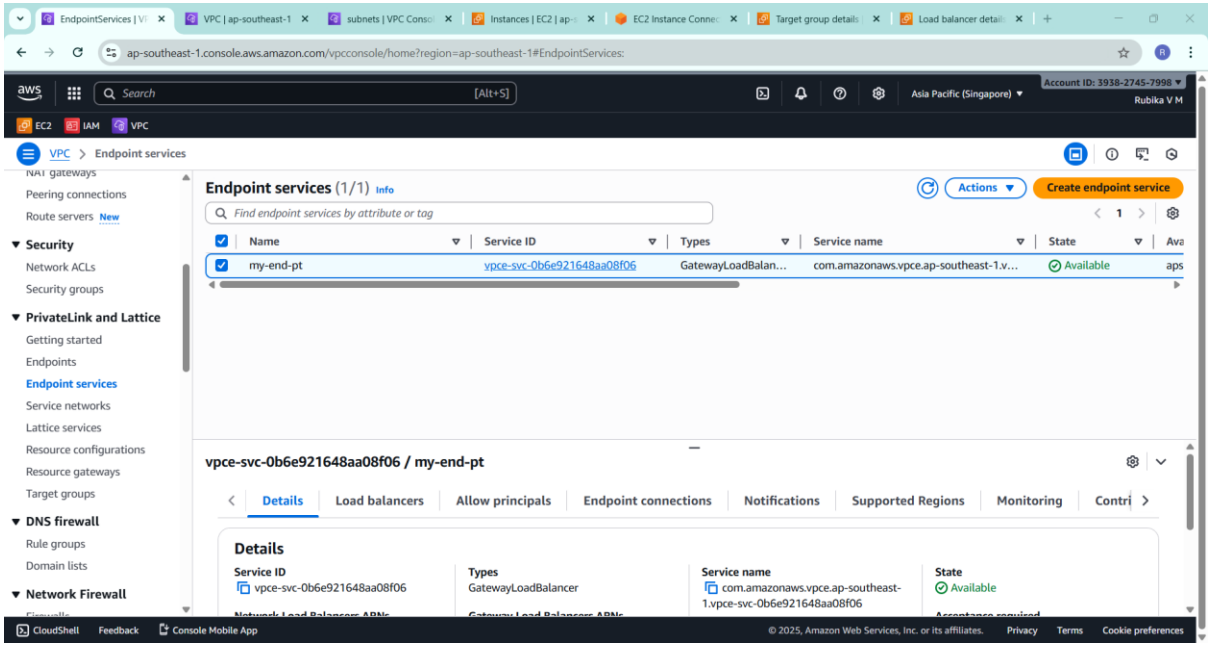
Create target group



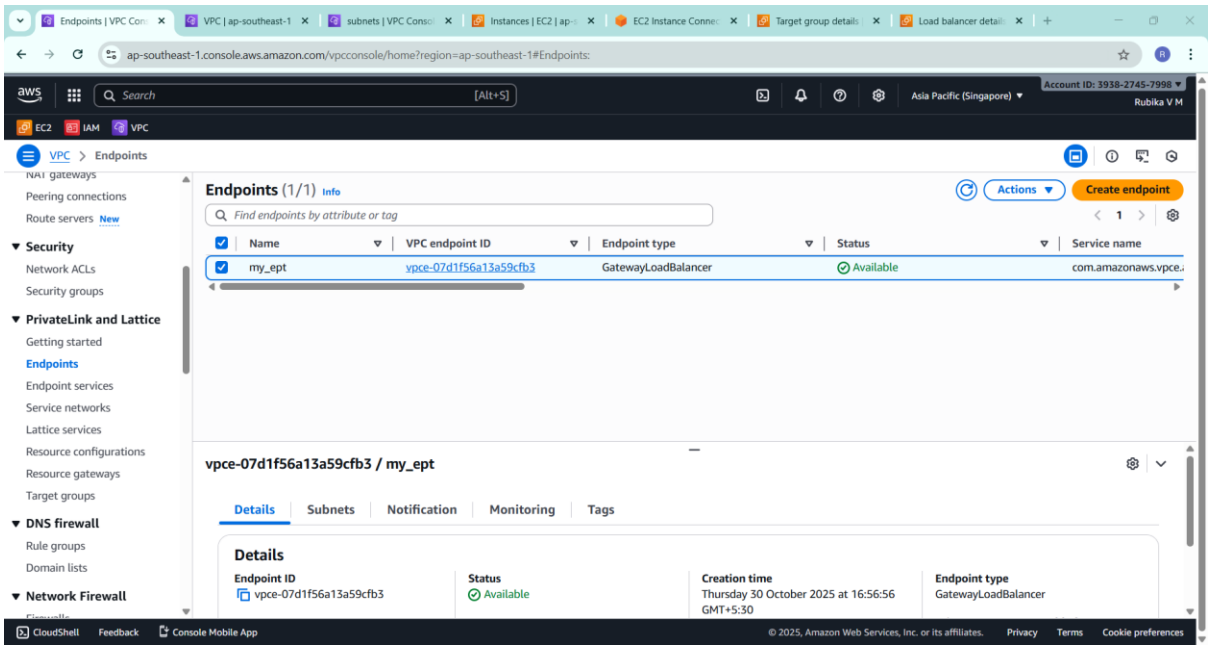
Create a GWLB



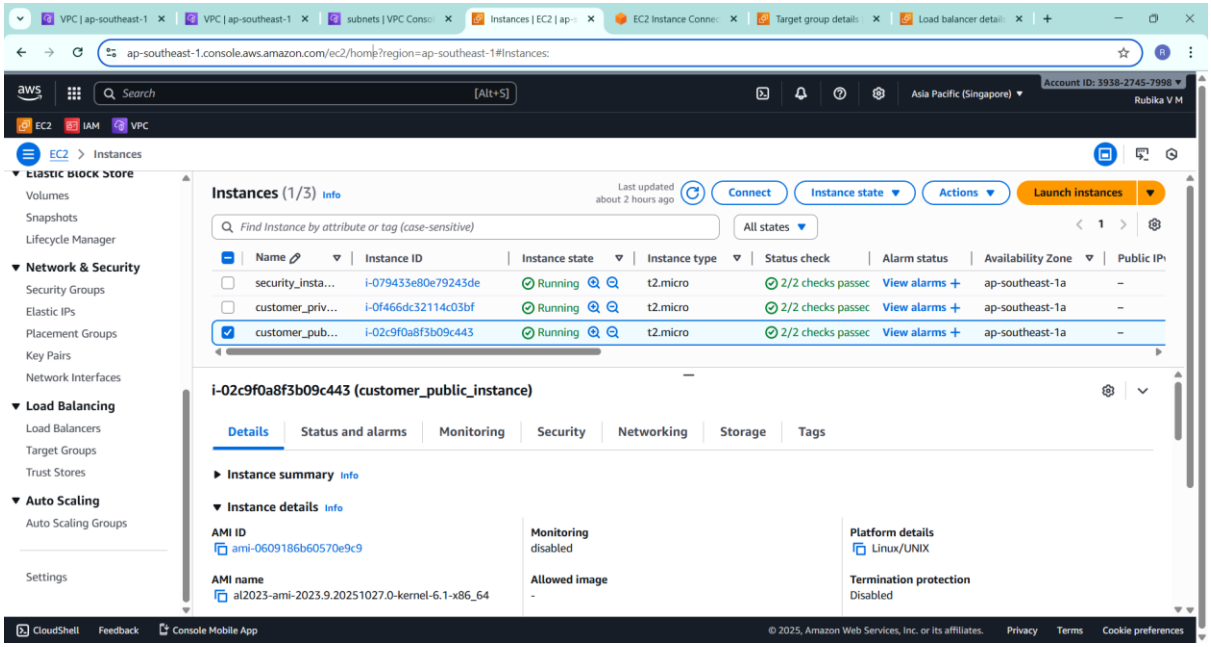
Create endpoint services

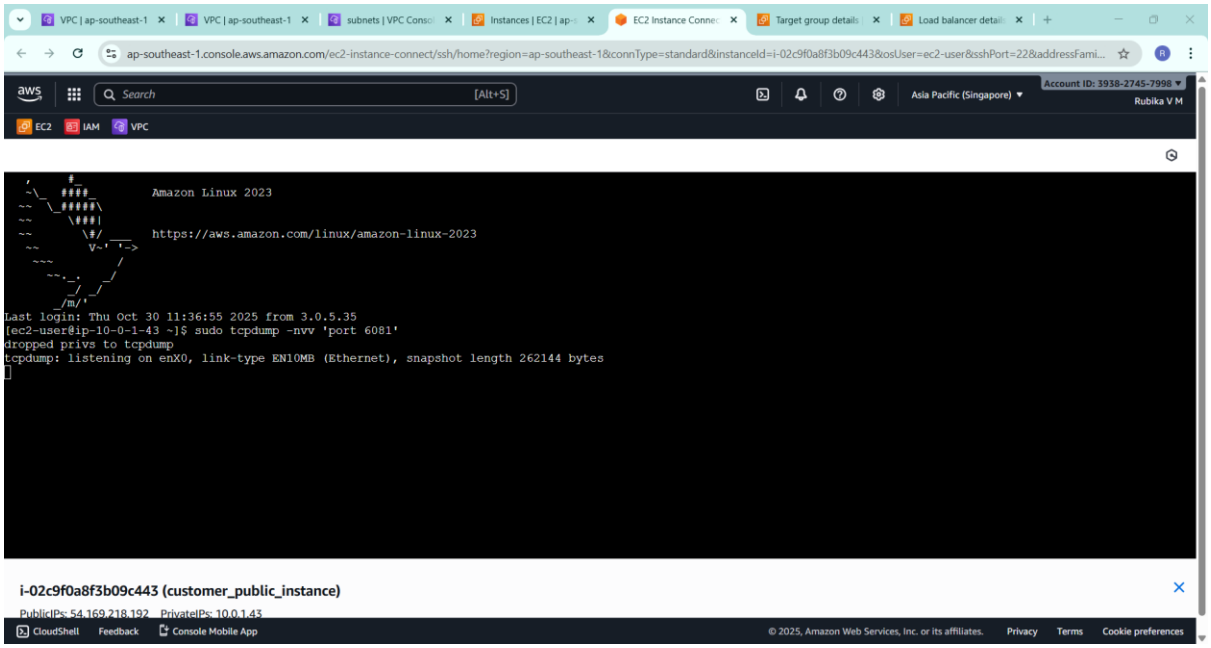


Create endpoints



Create instance




VPC | ap-southeast-1
VPC | ap-southeast-1
subnets | VPC Consol
Instances | EC2 | ap-s
EC2 Instance Connec
Target group details
Load balancer details
ap-southeast-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=ap-southeast-1&connType=standard&instanceId=i-02c9f0a8f3b09c443&osUser=ec2-user&sshPort=22&addressFami...
aws
Search
[Alt+S]
Asia Pacific (Singapore)
Account ID: 3938-2745-7998
Rubika V M
EC2
IAM
VPC
Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023
Last login: Thu Oct 30 11:36:55 2025 from 3.0.5.35
[ec2-user@ip-10-0-1-43 ~]$ sudo tcpdump -nvv 'port 6081'
dropped privs to tcpdump
tcpdump: listening on enX0, link-type EN10MB (Ethernet), snapshot length 262144 bytes
i-02c9f0a8f3b09c443 (customer_public_instance)
PublicIPs: 54.169.218.192 PrivateIPs: 10.0.1.43
CloudShell
Feedback
Console Mobile App
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