TASK – 9

VPC:

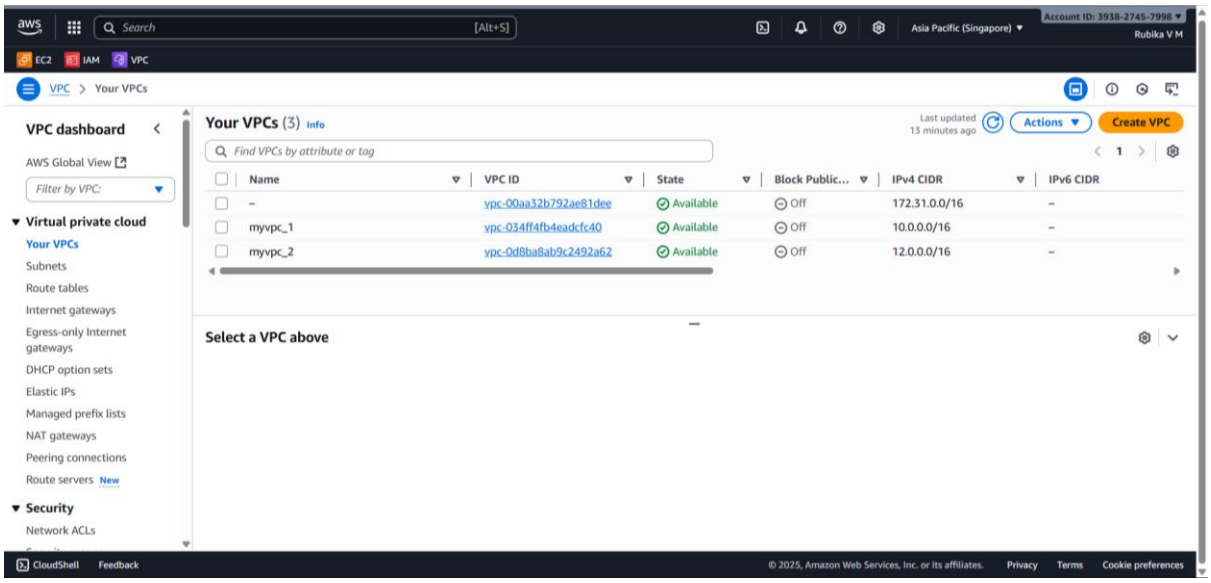
- VPC (Virtual Private Cloud) is a logically isolated virtual network within the AWS.
- It gives us complete control over our virtual networking environment, allowing us to define our own IP address ranges, create subnets, configure route tables, and set up network gateways to control traffic and connectivity to the internet.

VPC Peering:

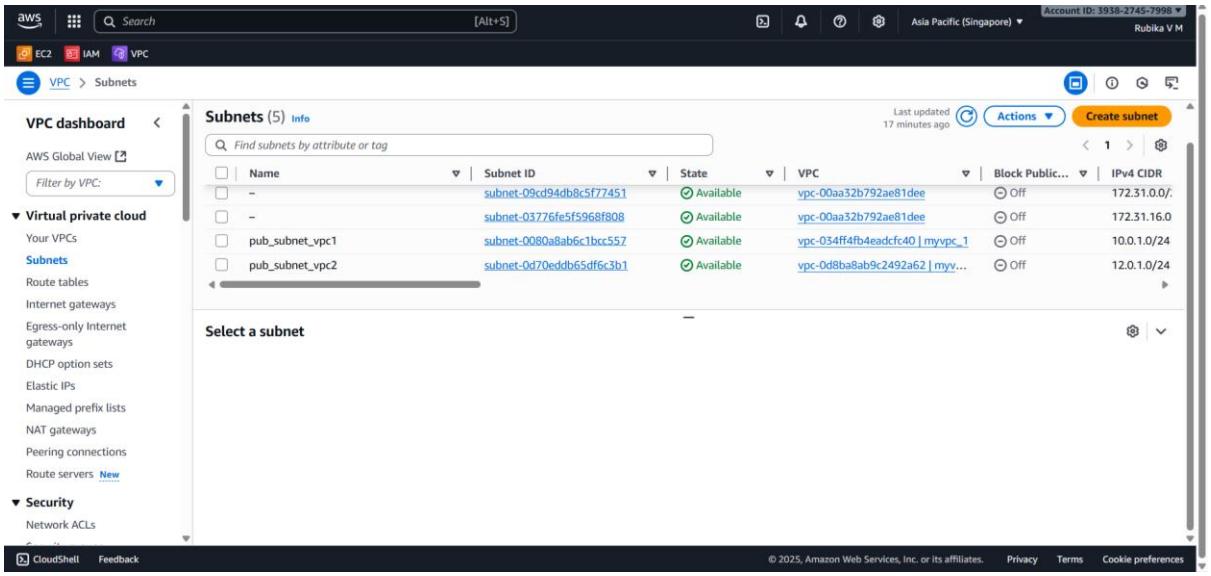
VPC peering is nothing but, connecting two VPC's with one another.

Creating VPC peering in same region (Singapore):

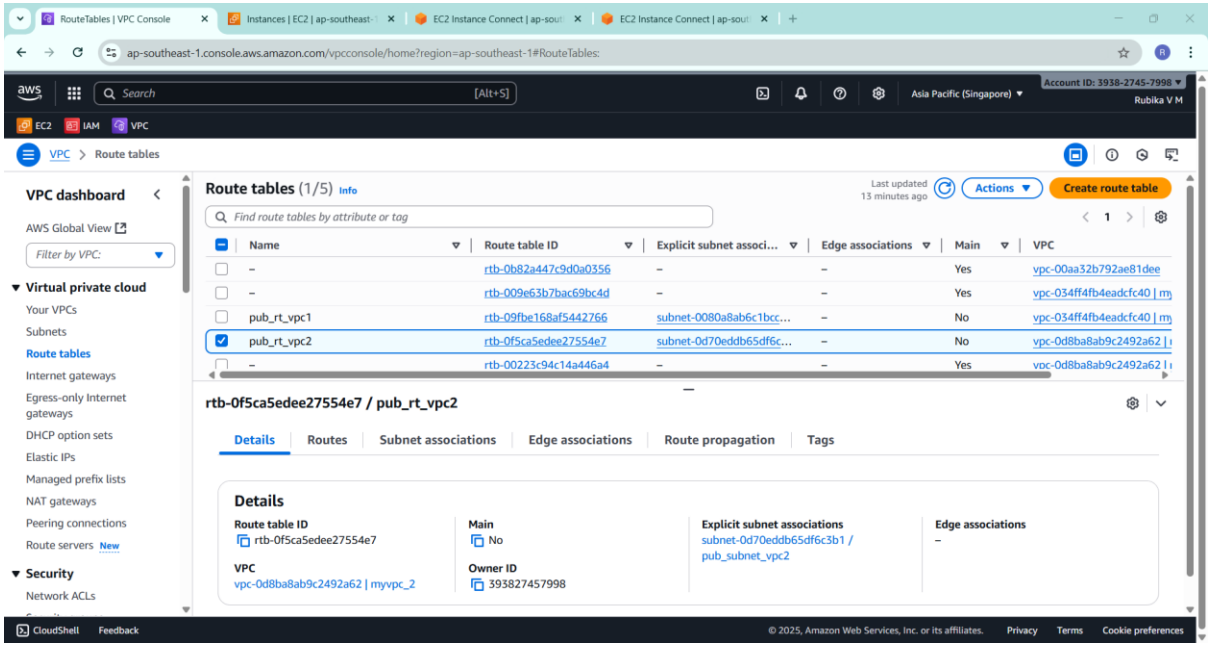
Creation of two VPC:



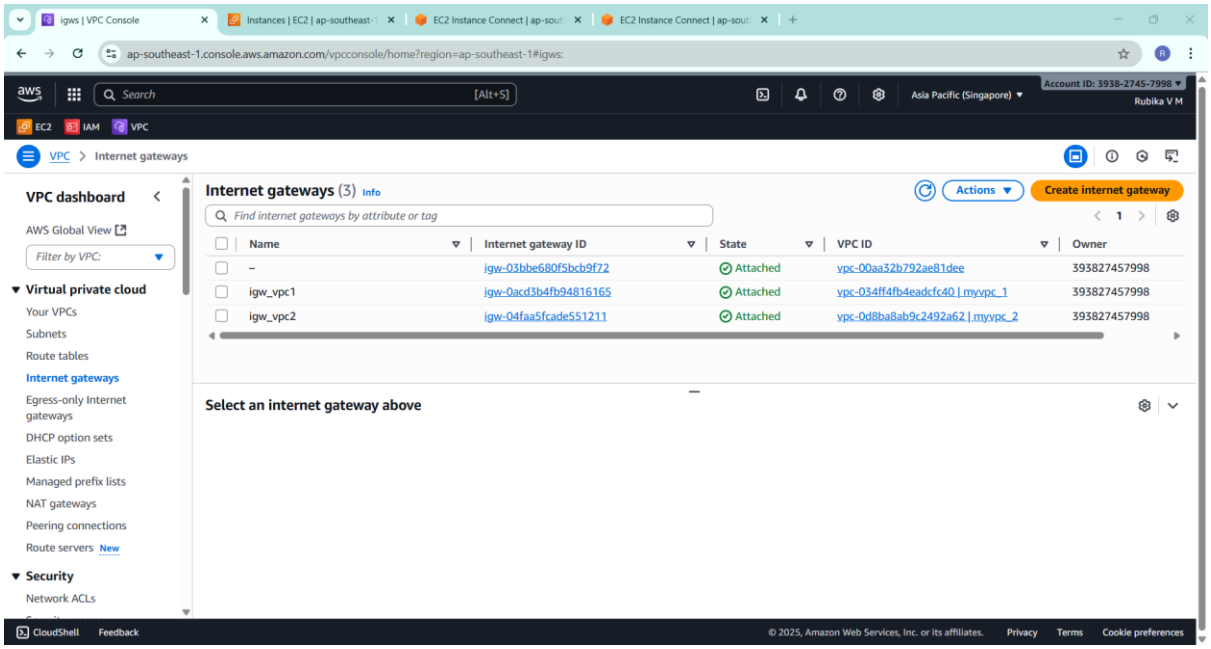
Creation of subnets:



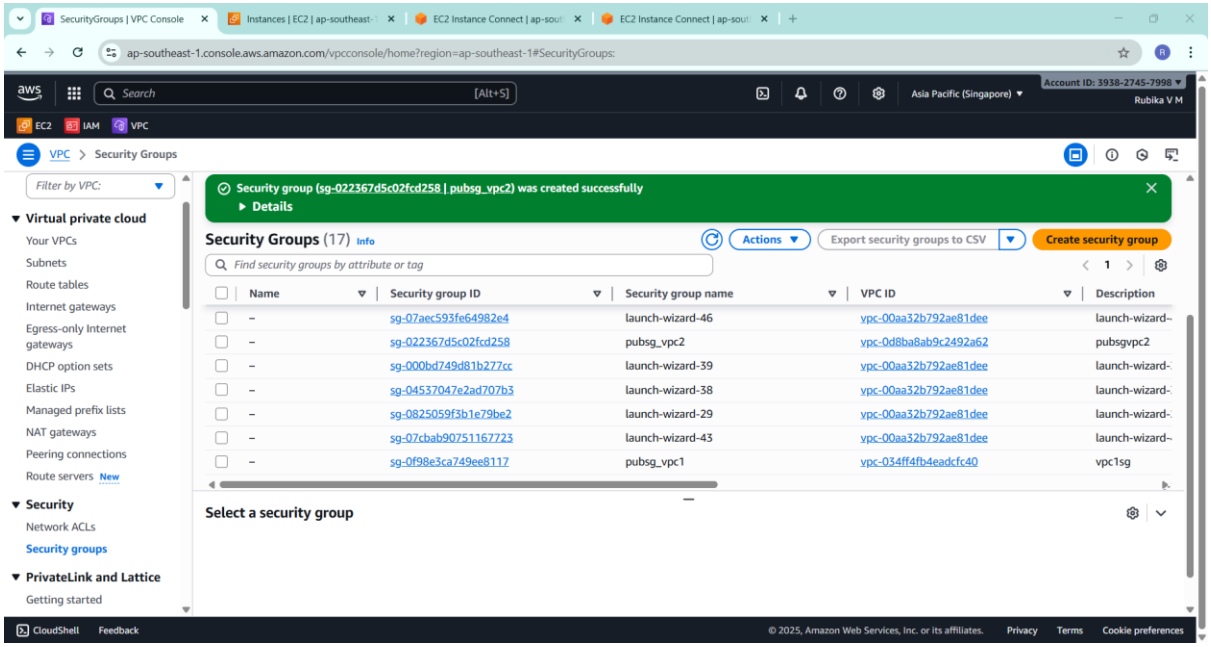
Creation of Route table:



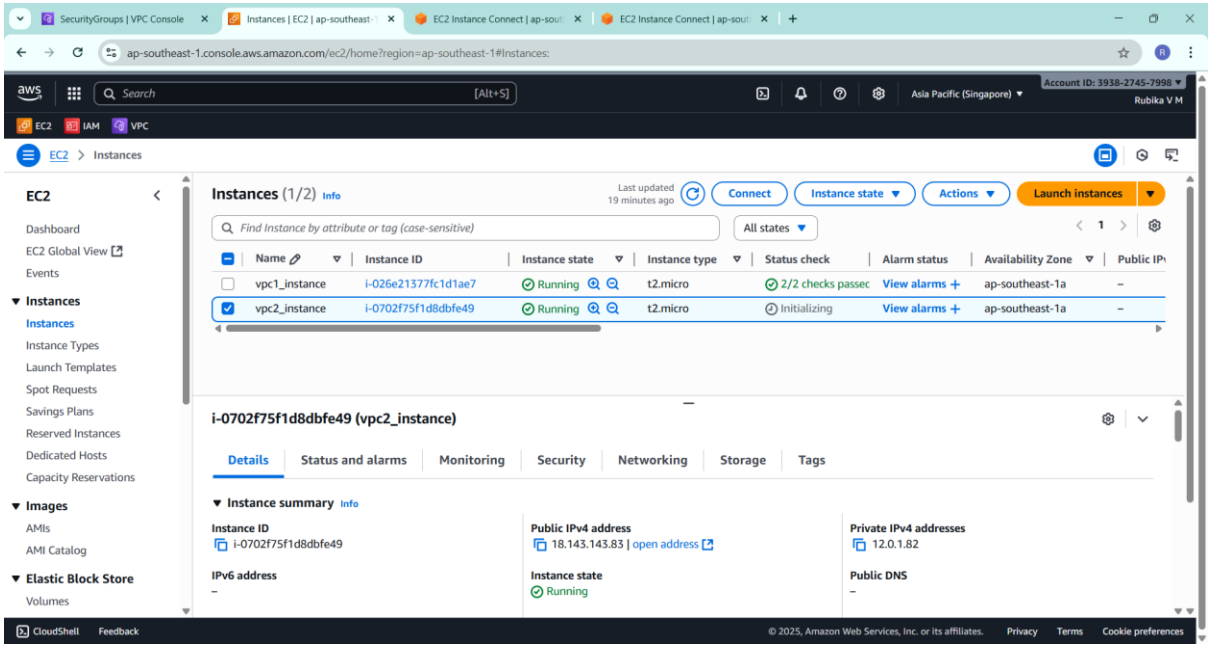
Creation of Internet Gateway:



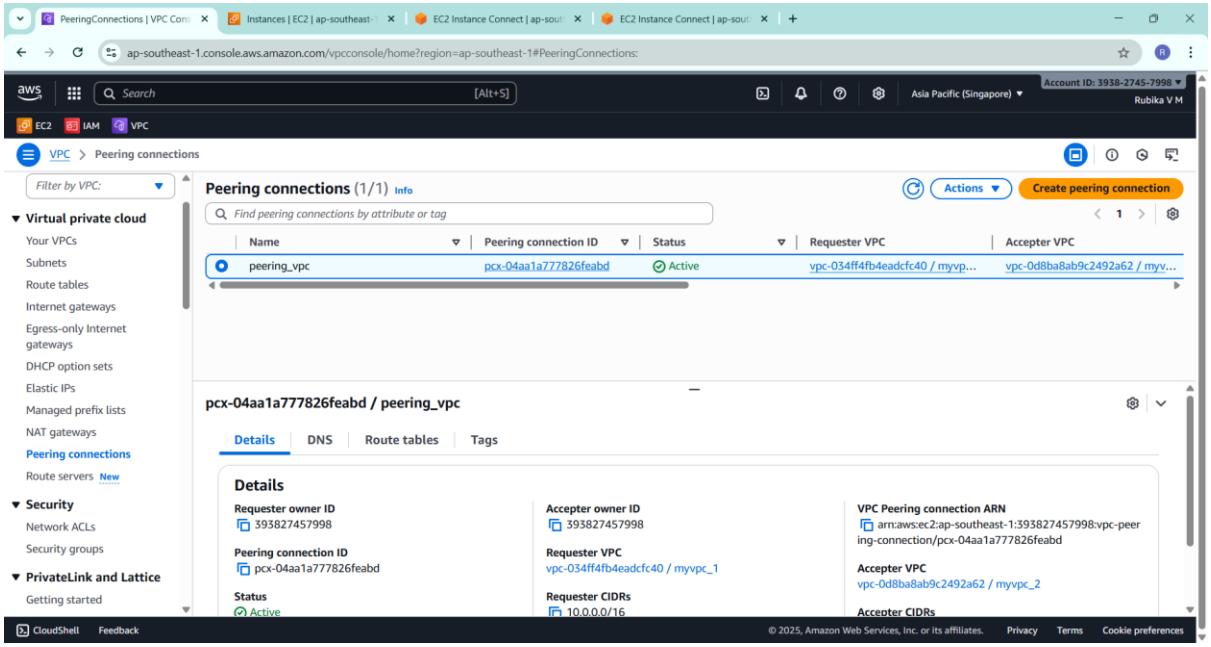
Creation of Security groups:



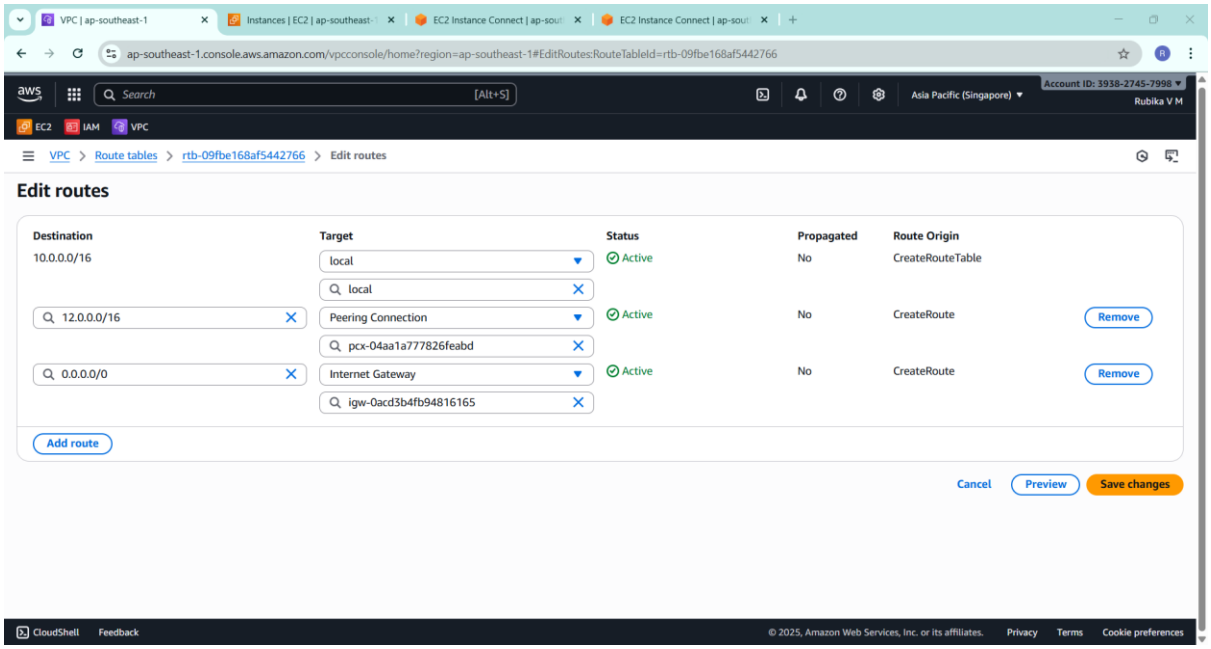
Creation of instance:



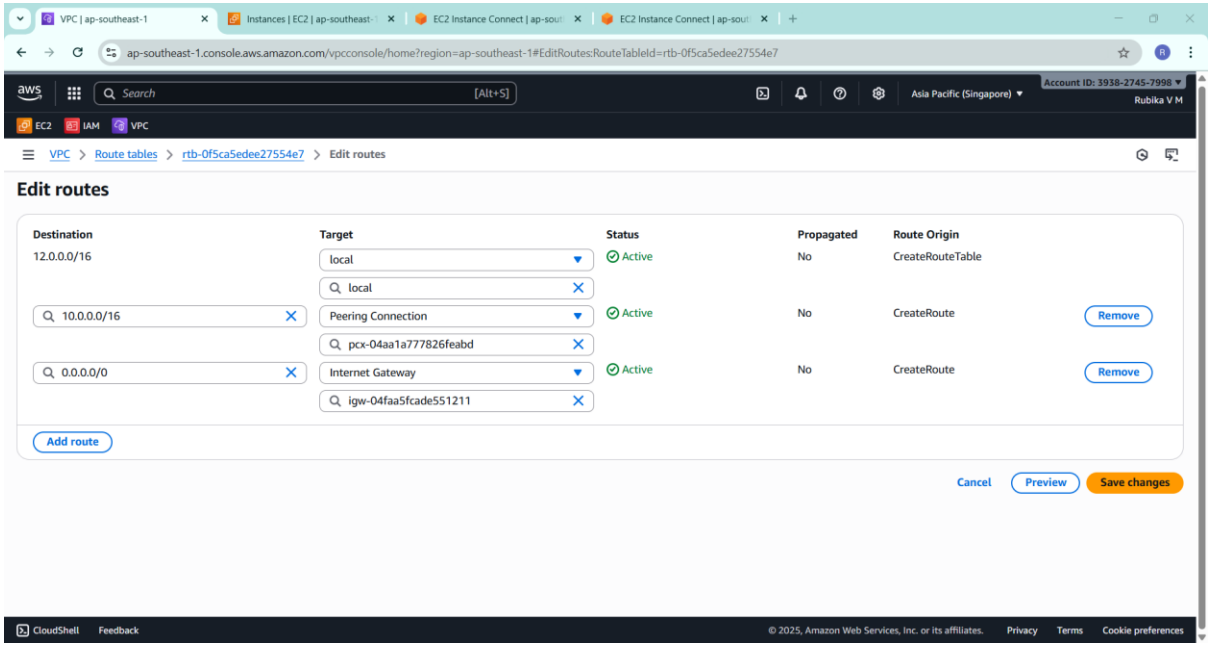
Creation of Peering in VPC:



Attaching the CIDR of VPC2 with VPC1 route table:

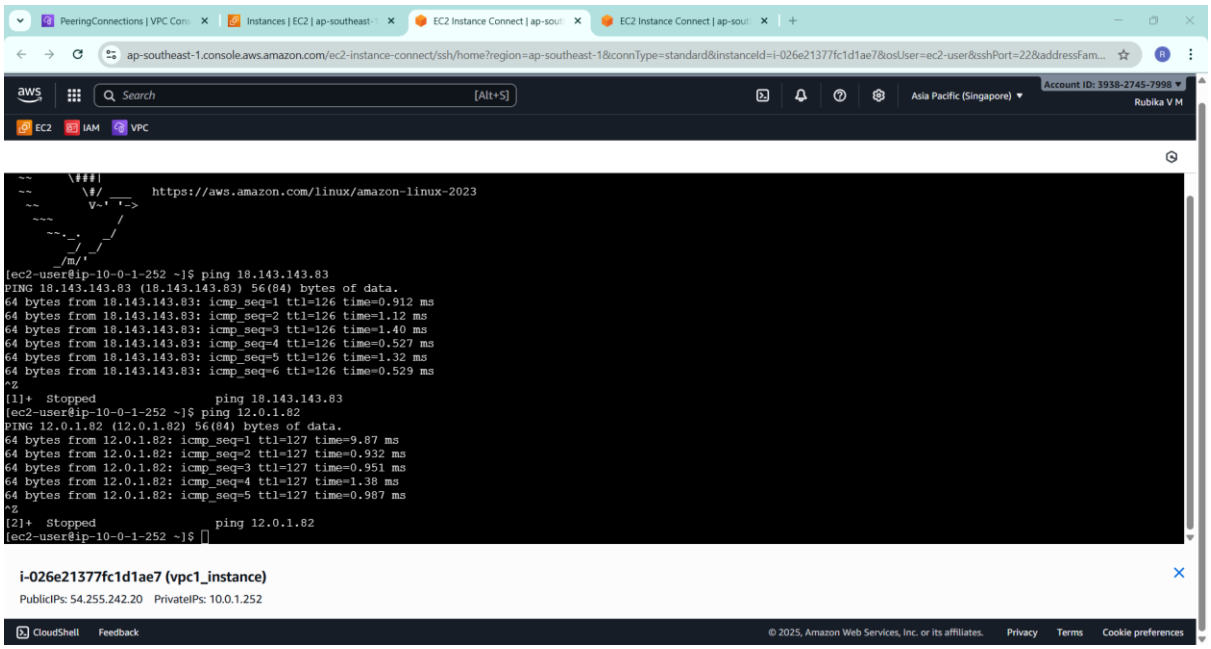


Attaching the CIDR of VPC1 with VPC2 route table:



Check for internet connectivity by ping command:

Ping the public and private IP address of VPC2 instance:



Ping the public and private IP address of VPC1 instance: