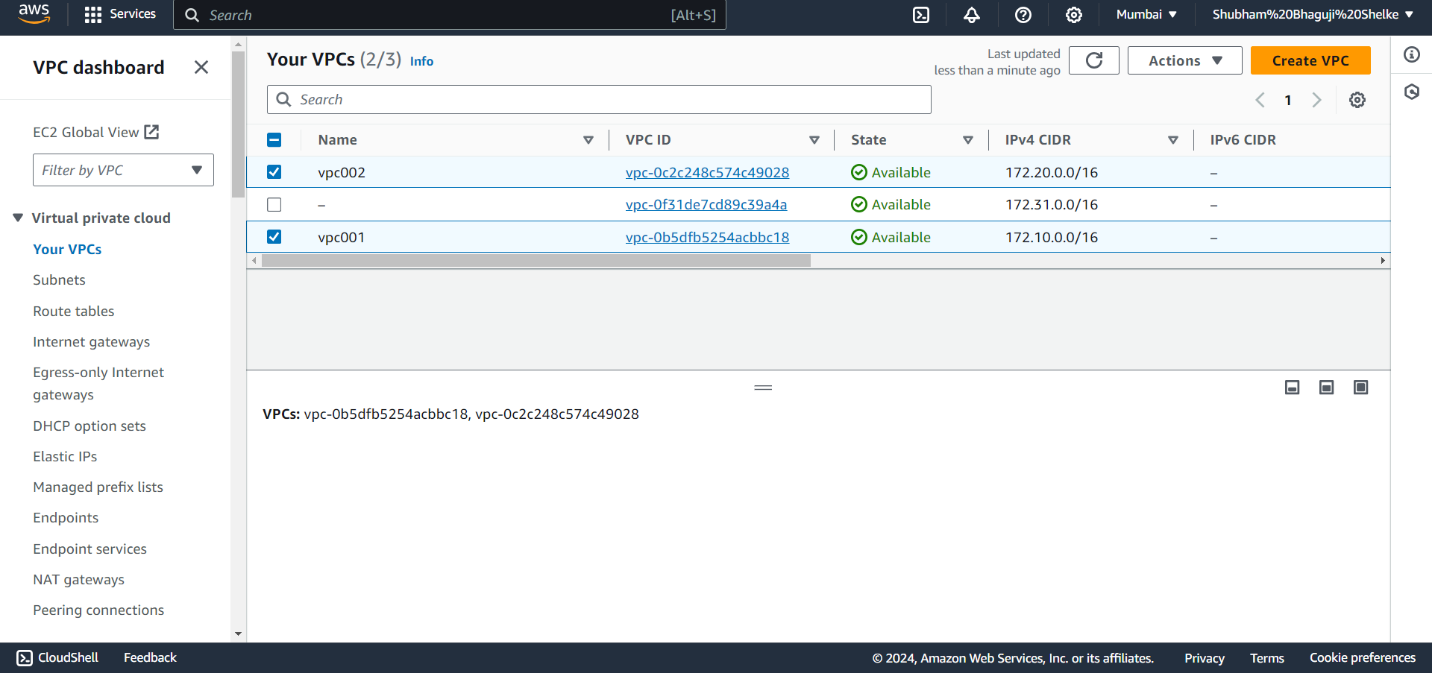
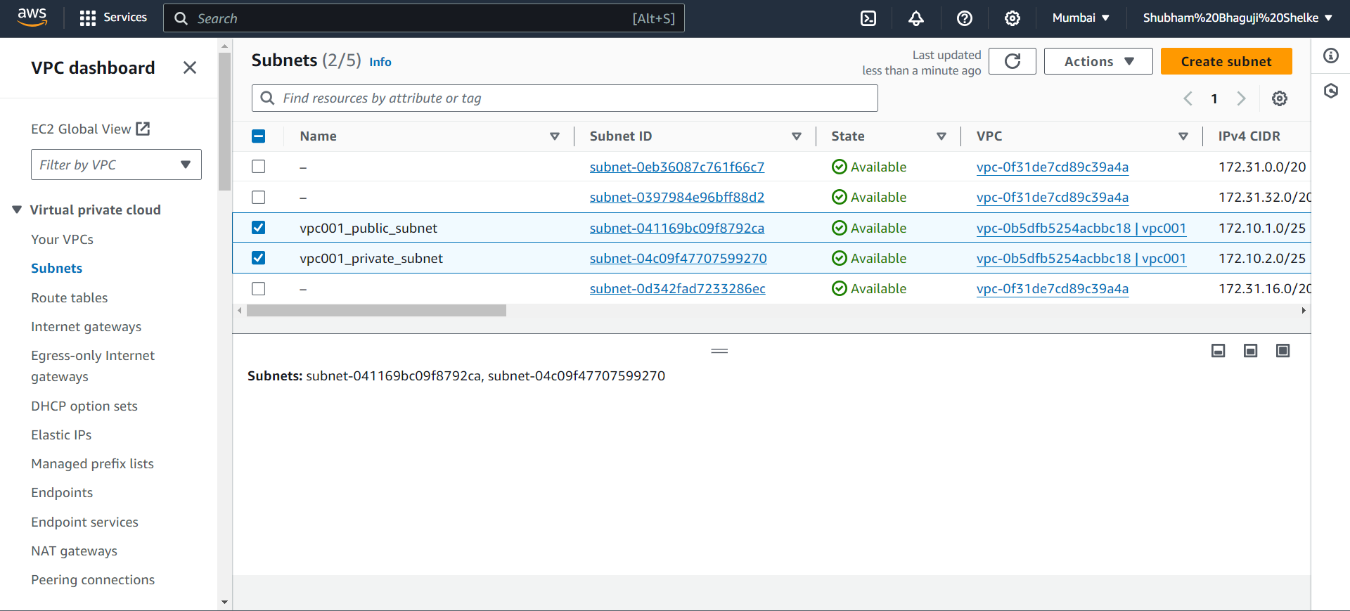
**VPC Peering (19th Sep 2024)**

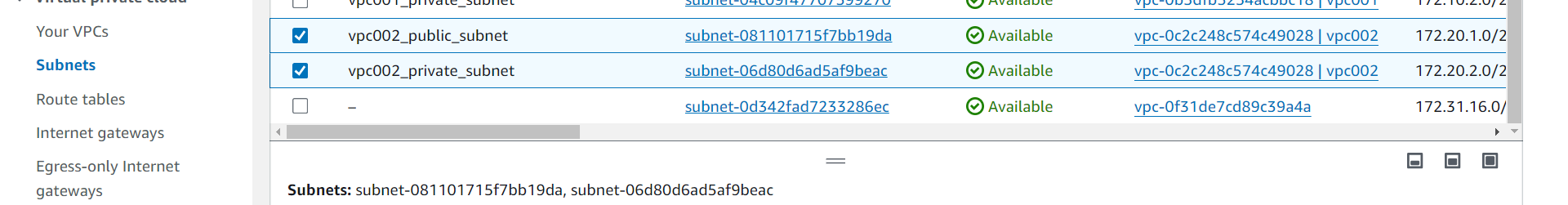
1. **Create Two VPC**



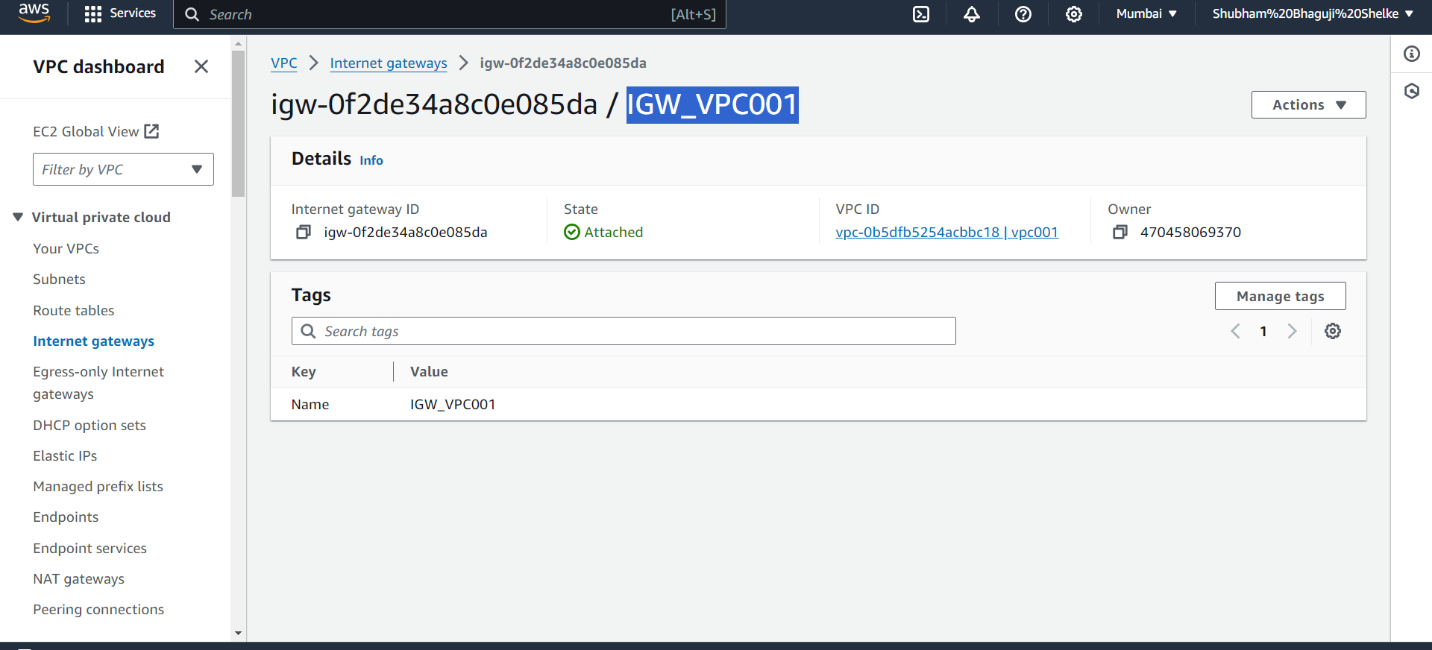
1. **Create two subnets in VPC001**



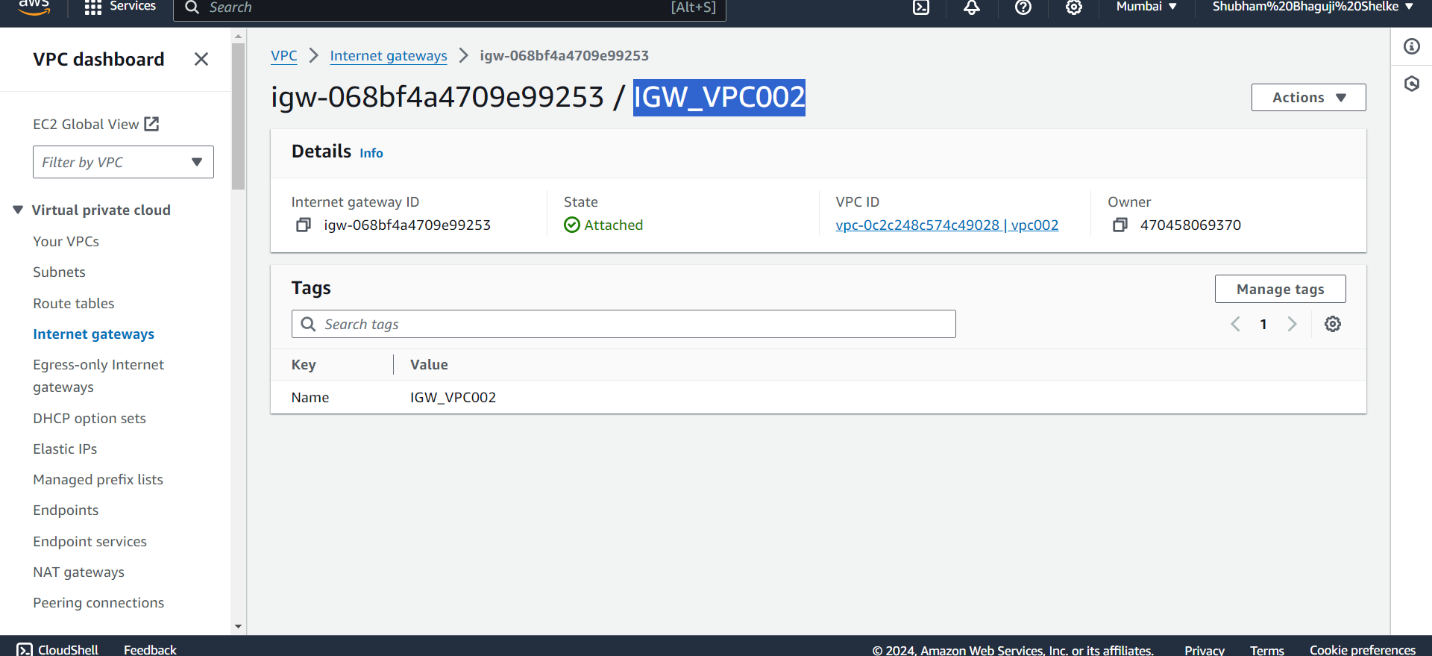
1. **Create two subnets in VPC002**



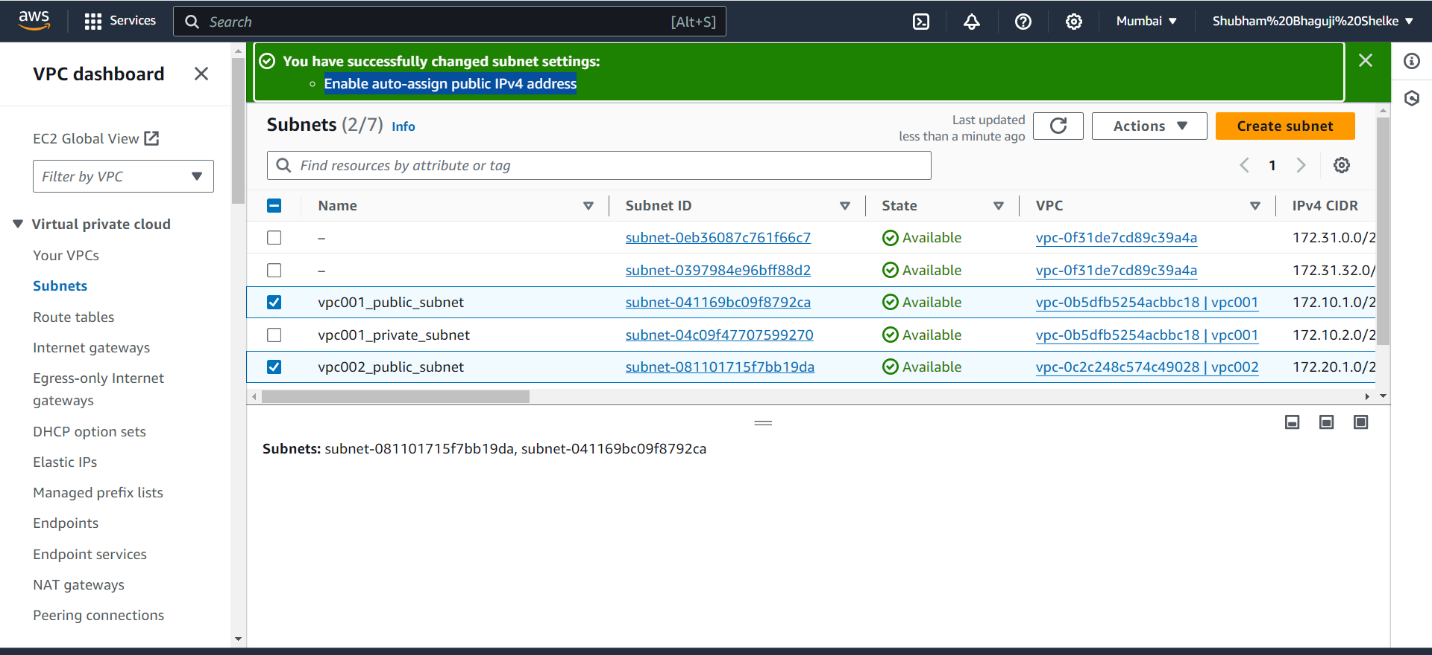
1. **Create internet gateway “IGW\_VPC001” and attached to VPC001**

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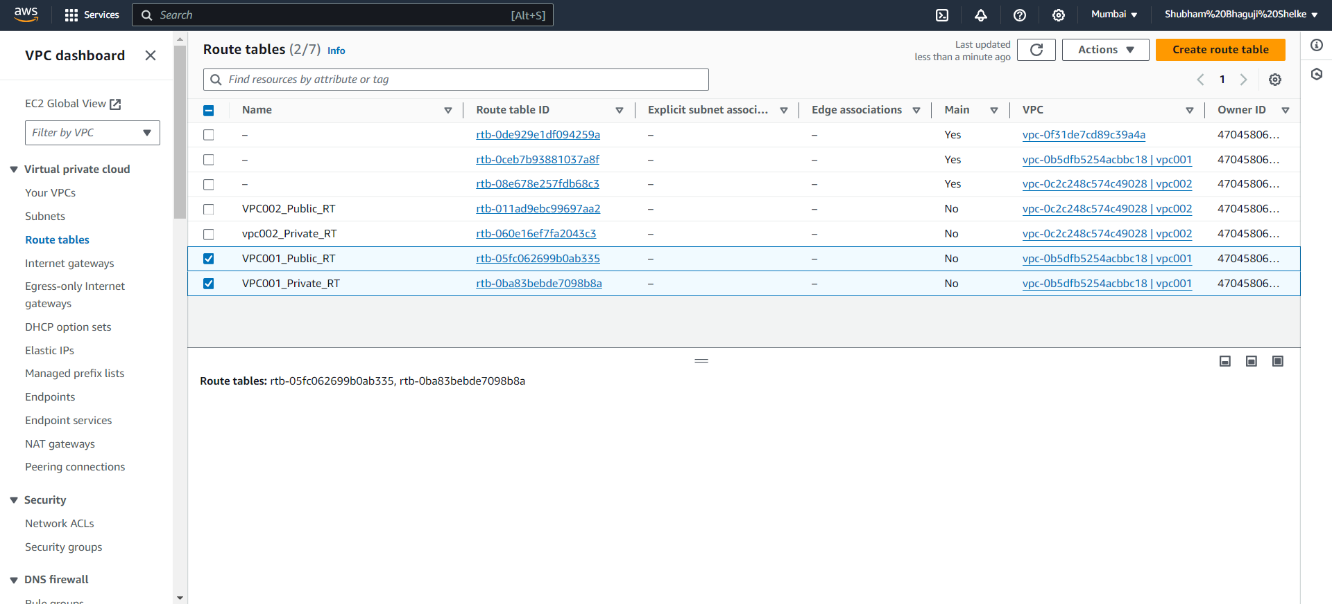
1. **Create internet gateway “IGW\_VPC002” and attached to VPC002**



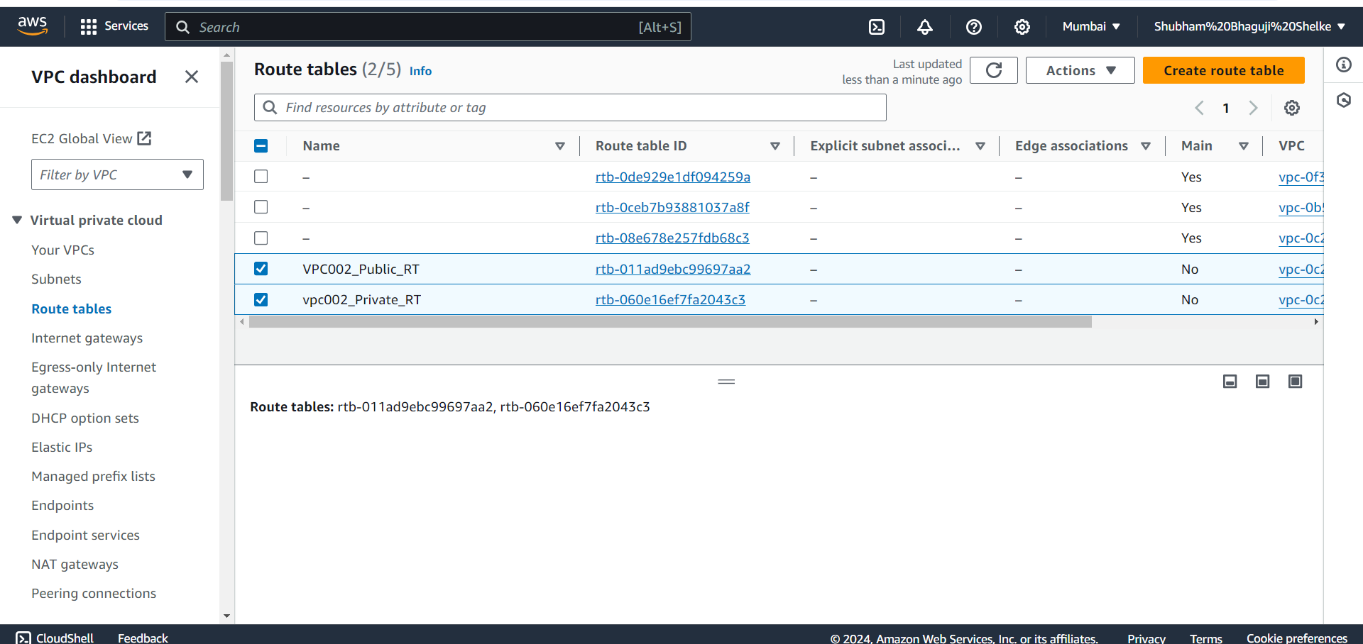
1. **Enable to Auto-Assign setting for both public setting**



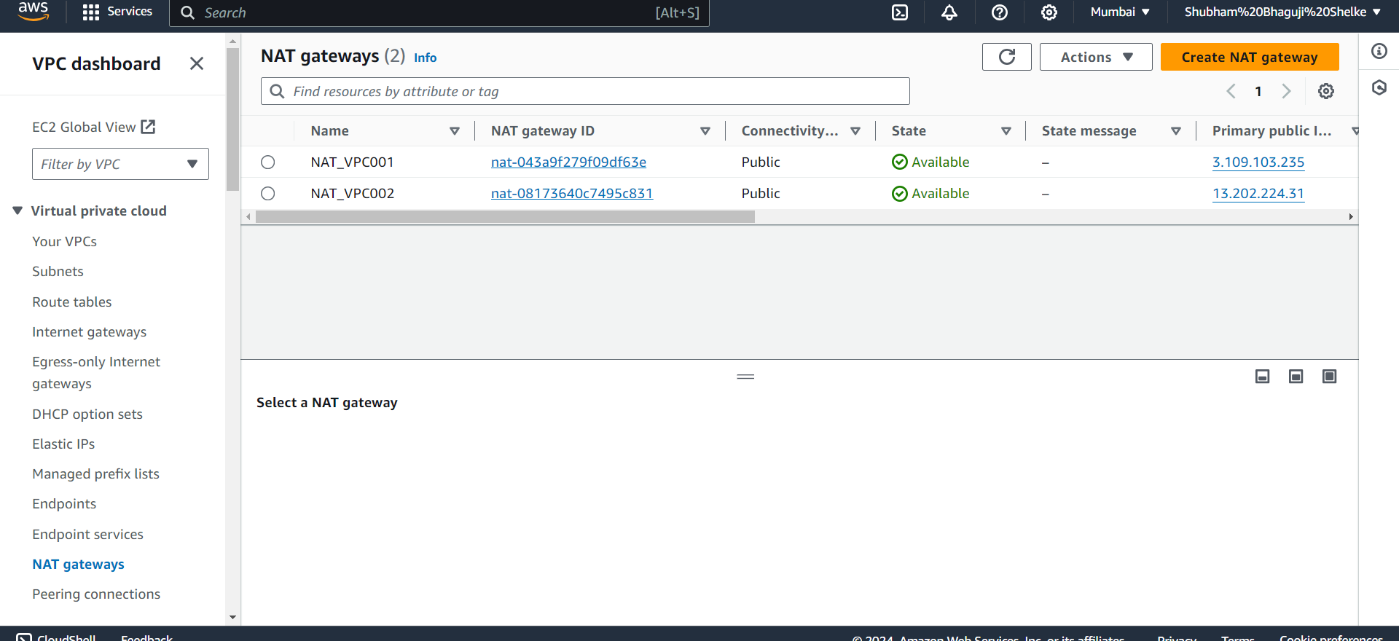
1. **Create Route Table in VPC001**



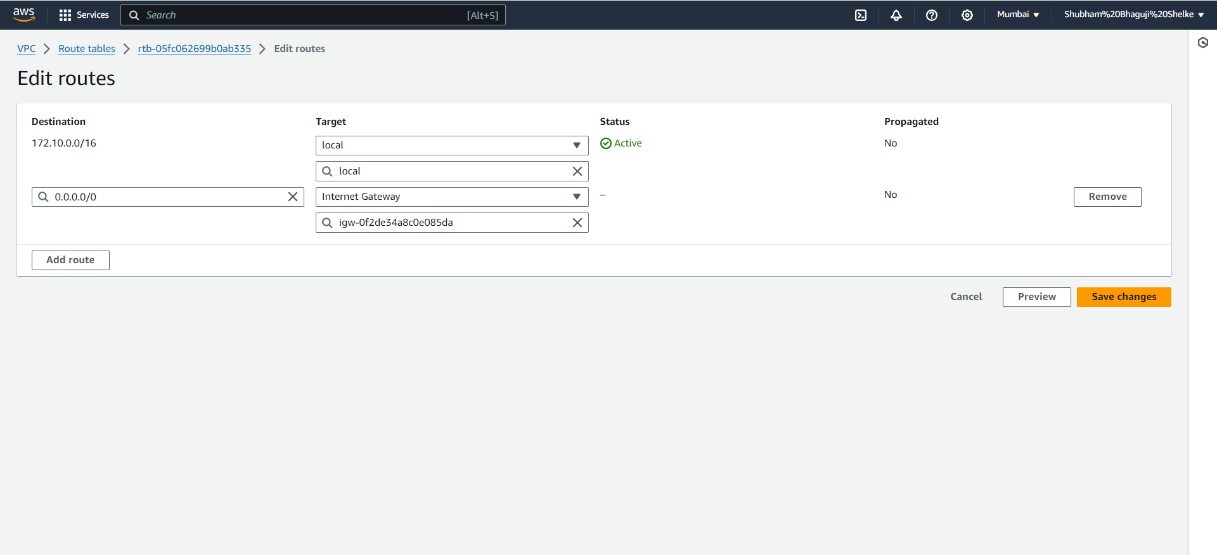
1. **Create Route Table in VPC002**



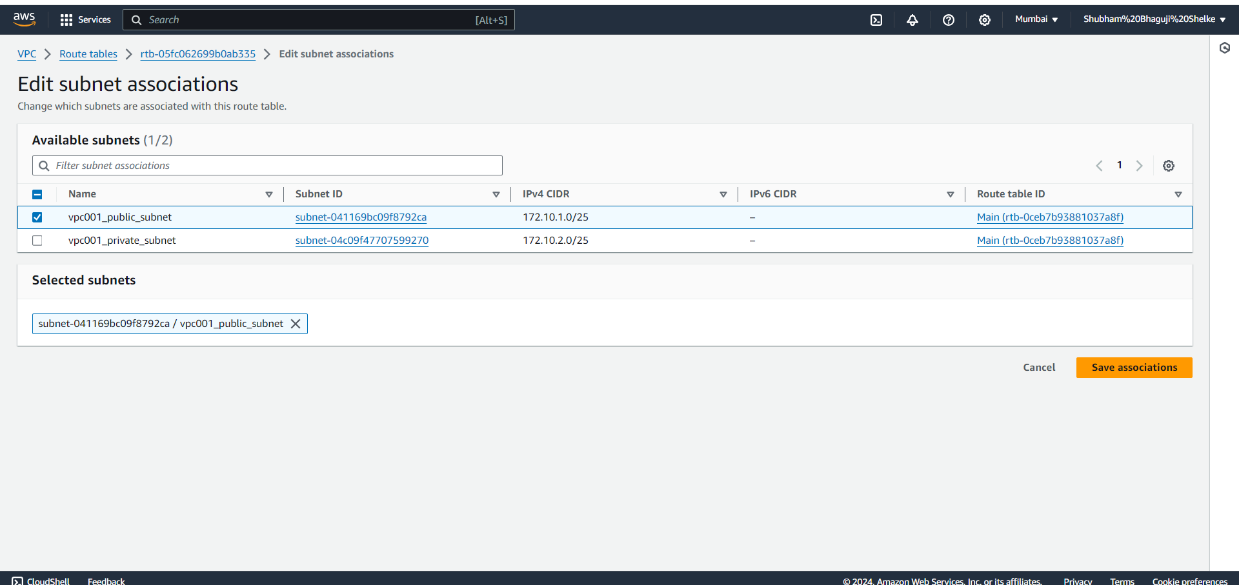
1. **Create Two NAT Gateway for “VPC001” & “VPC002”**



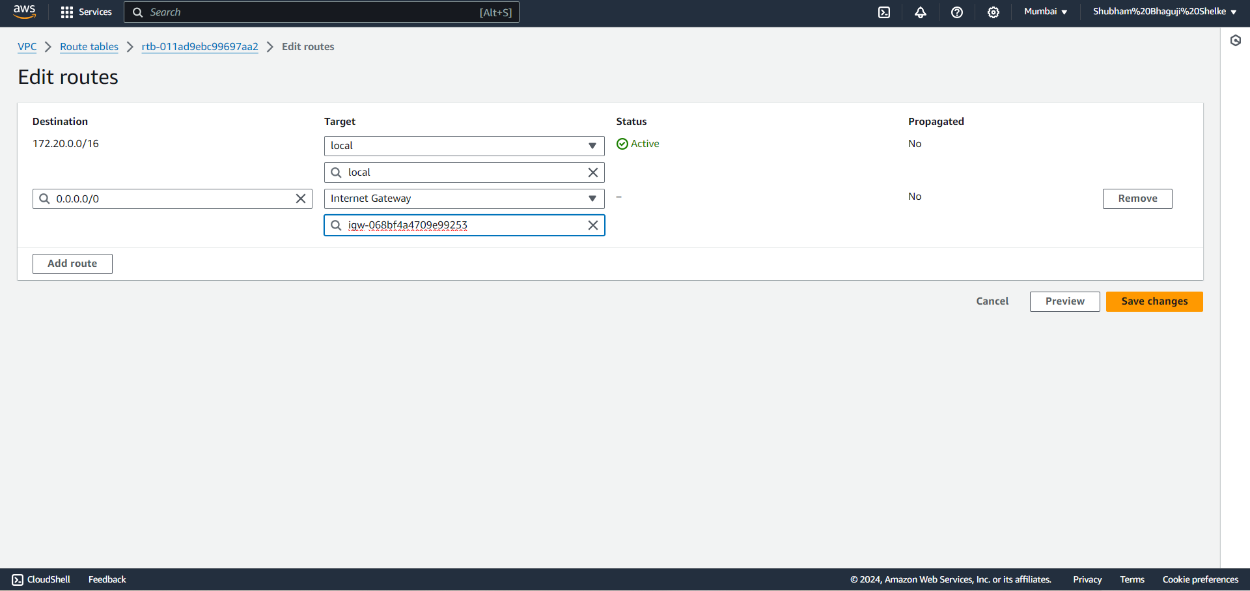
1. **Route Table Setting**
2. VPC001\_Public\_RT – Edit Route – Add Route – Assign 0.0.0.0/0 IP and Select Internet Gateway (IGW\_VPC001)



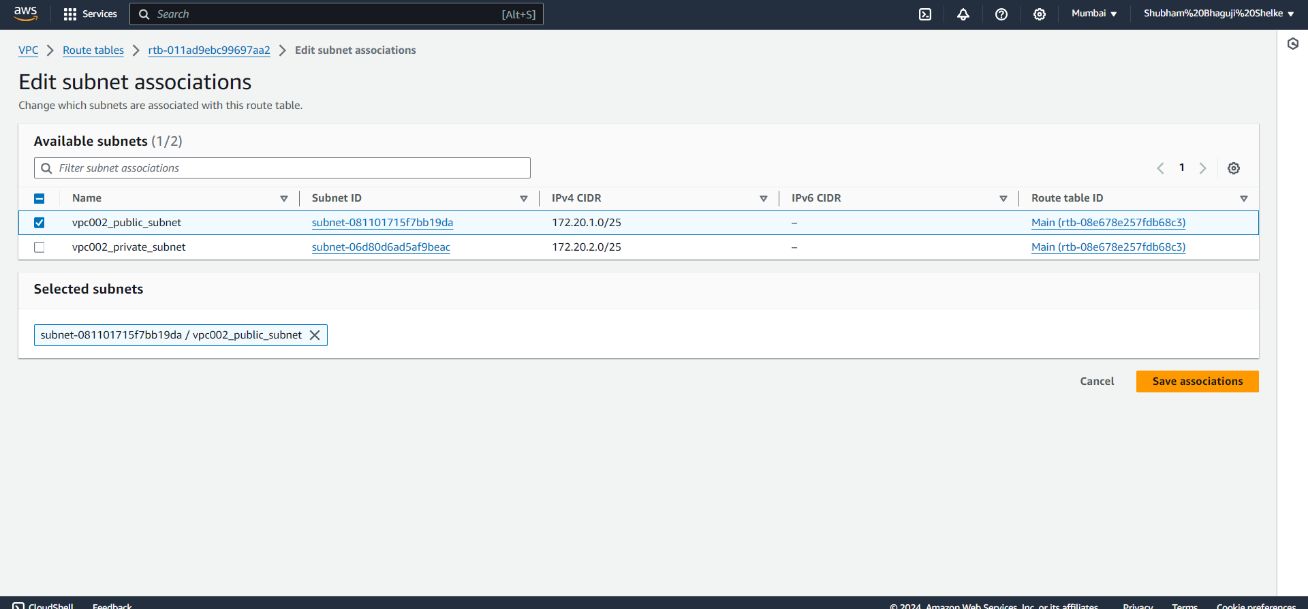
1. VPC001\_Public\_RT – Subnet Association – Select VPC001\_Public\_Subnet



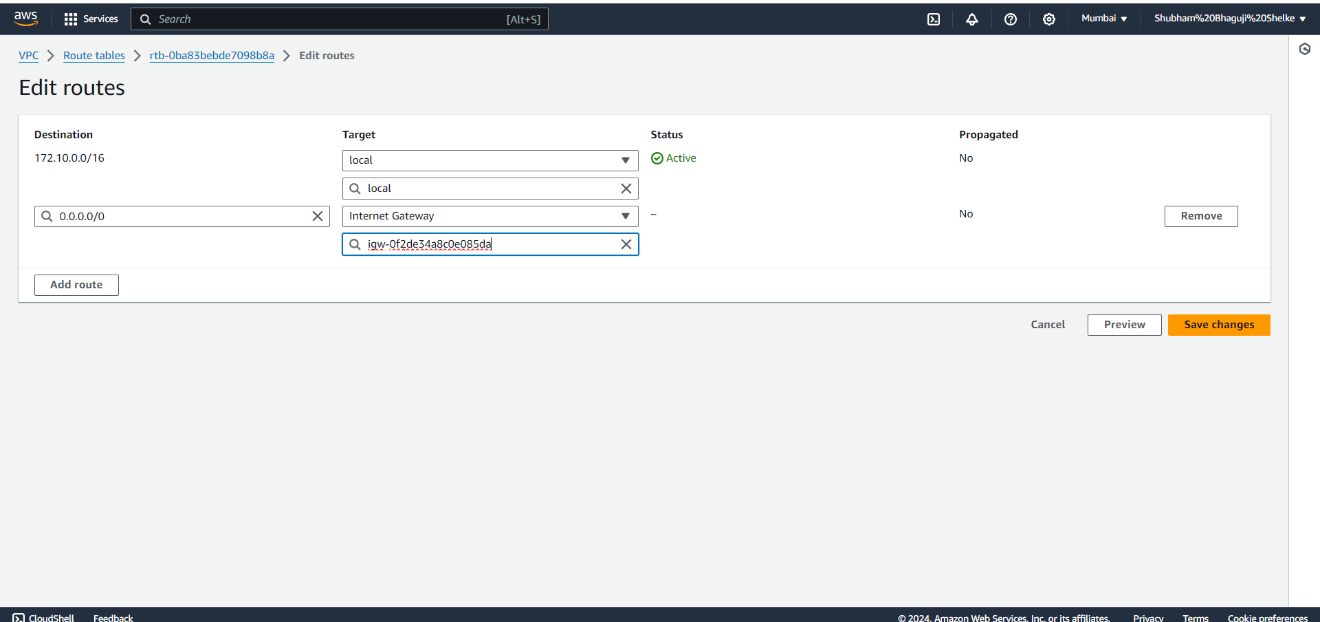
1. VPC002\_Public\_RT – Edit Route – Add Route – assign 0.0.0.0/0 IP and Select Internet Gateway (IGW\_VPC002)



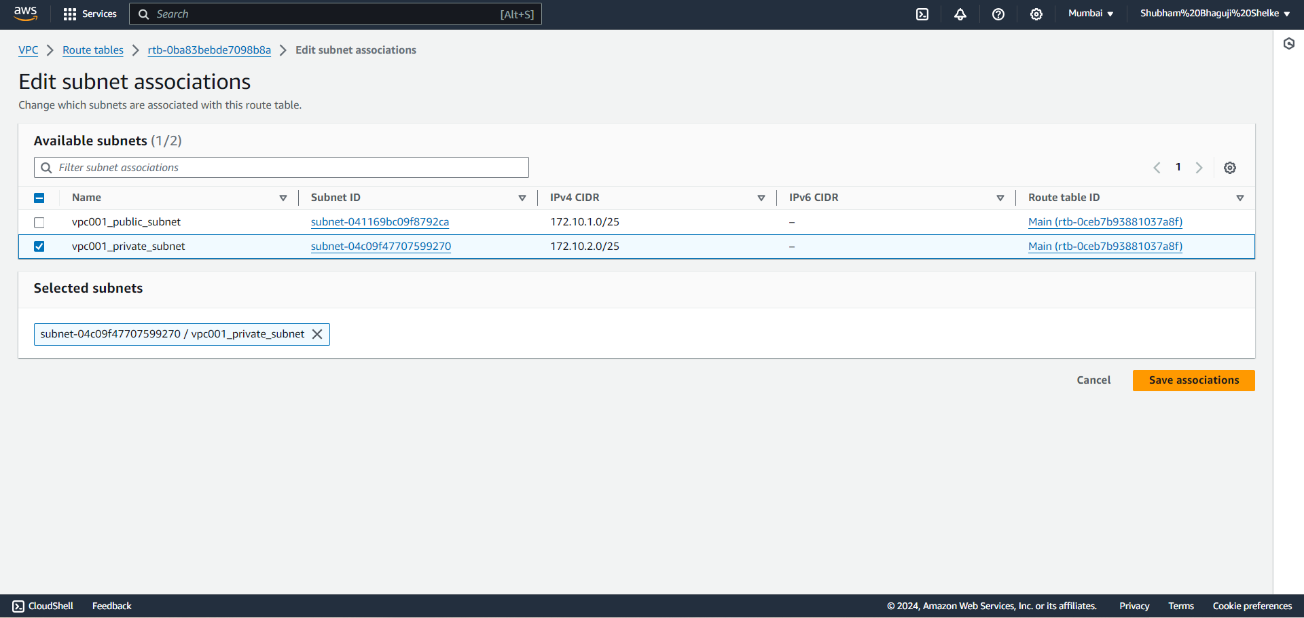
1. VPC002\_Public\_RT – Subnet Association – Select VPC002\_Public\_Subnet



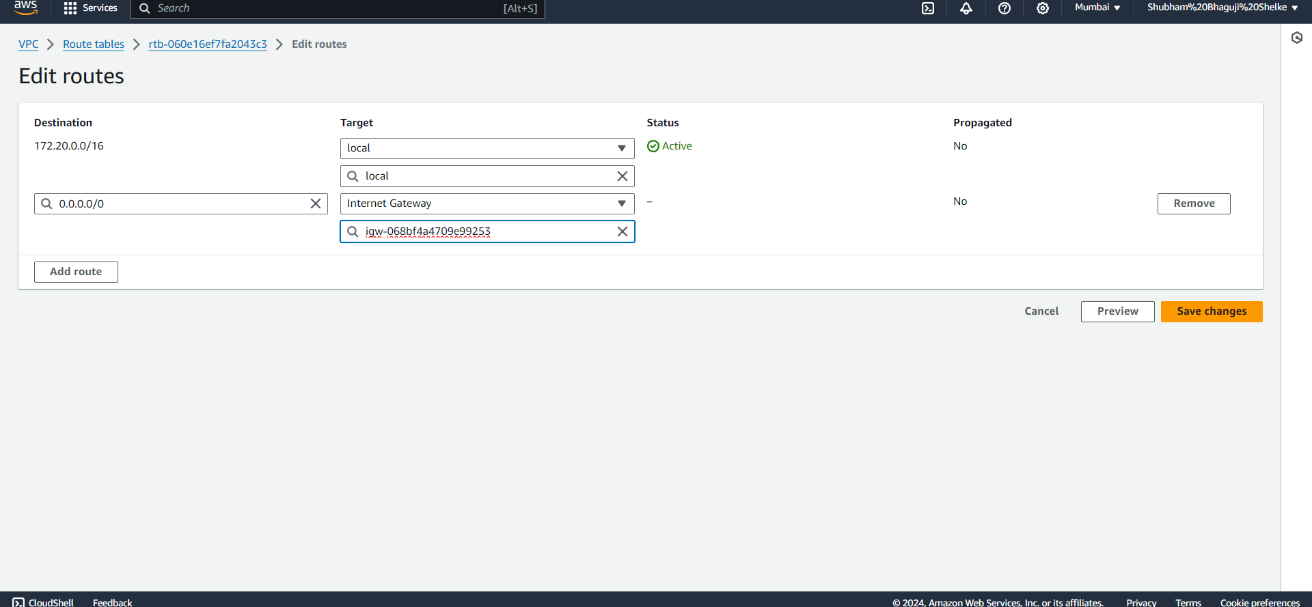
1. VPC001\_Private\_RT – Edit Route – Add Route – assign 0.0.0.0/0 IP Select NAT Gateway (NAT\_VPC001)



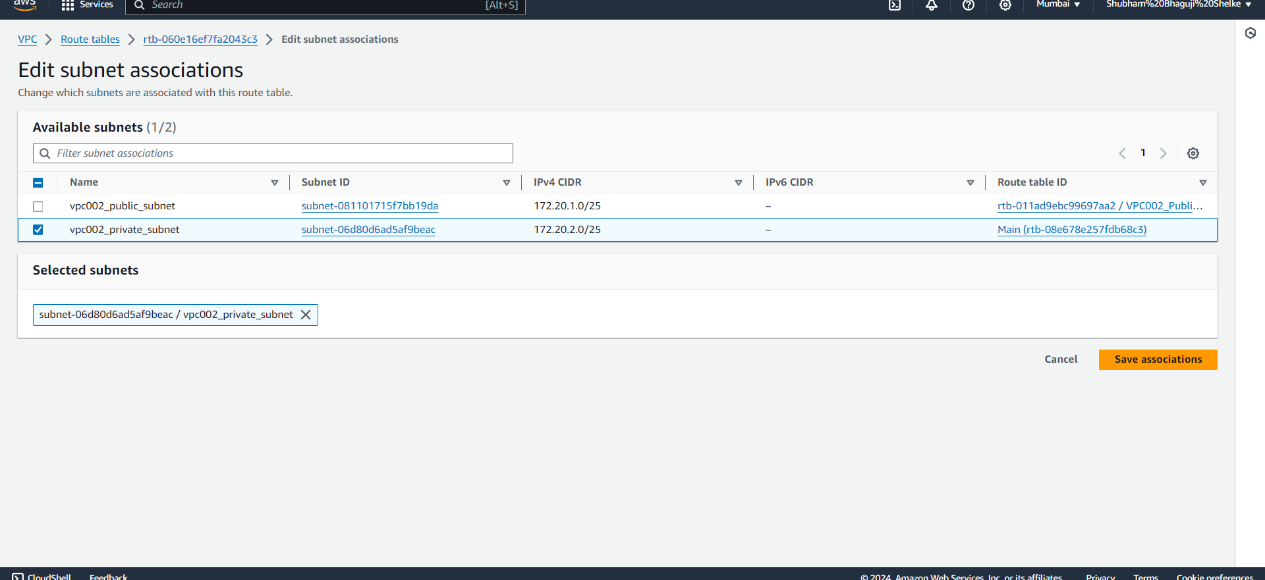
1. VPC001\_Private\_RT – Subnet Association – Select VPC001\_Private\_Subnet



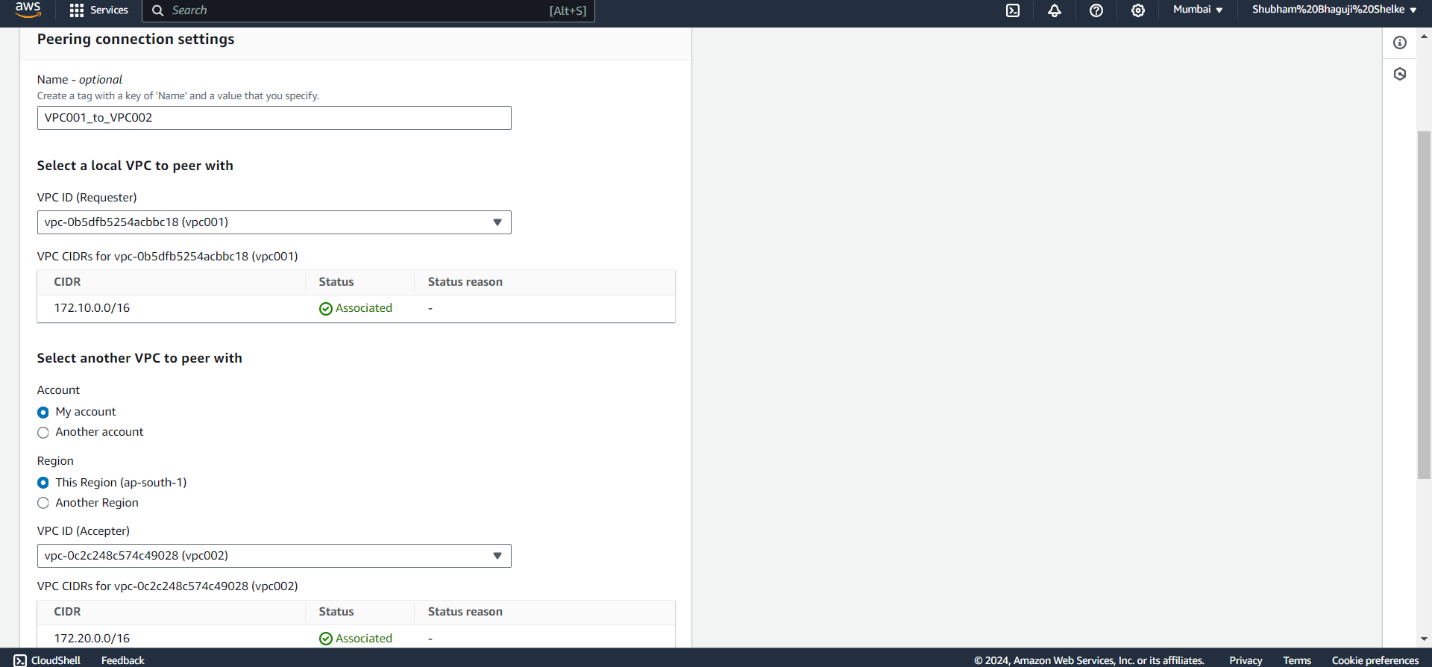
1. VPC002\_Private\_RT – Edit Route – Add Route – assign 0.0.0.0/0 IP and Select NAT Gateway (NAT\_VPC002)



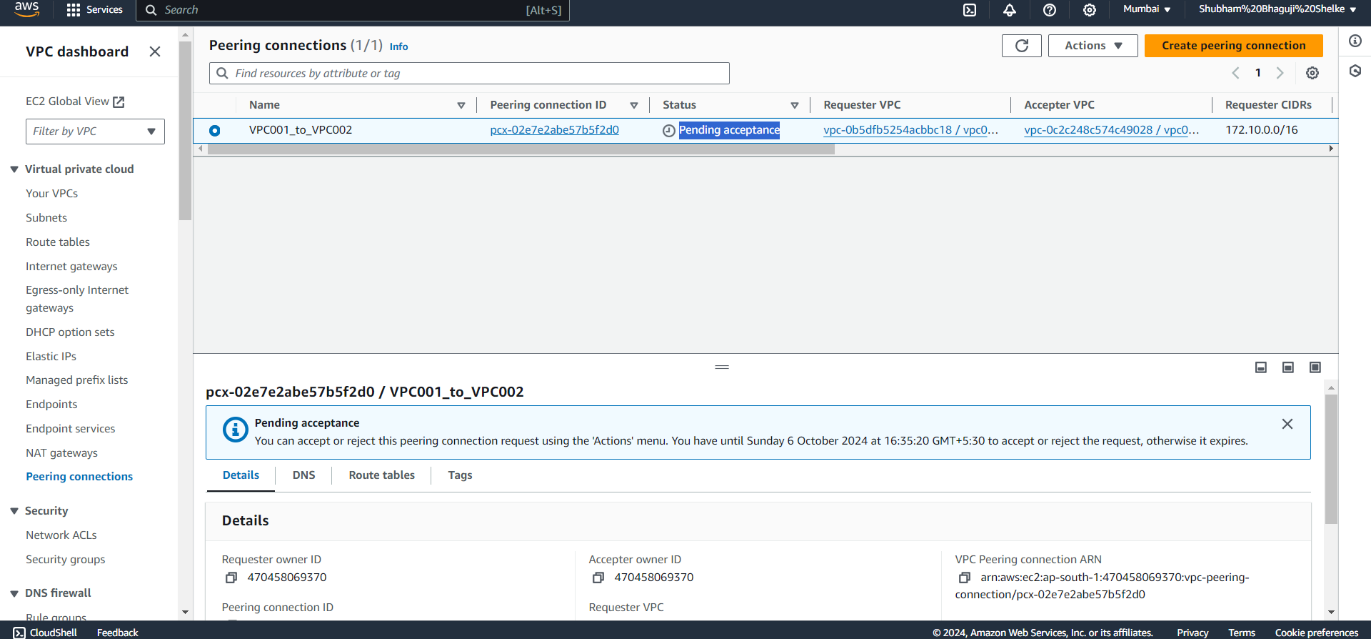
1. VPC002\_Private\_RT – Subnet Association – Select VPC002\_Private\_Subnet



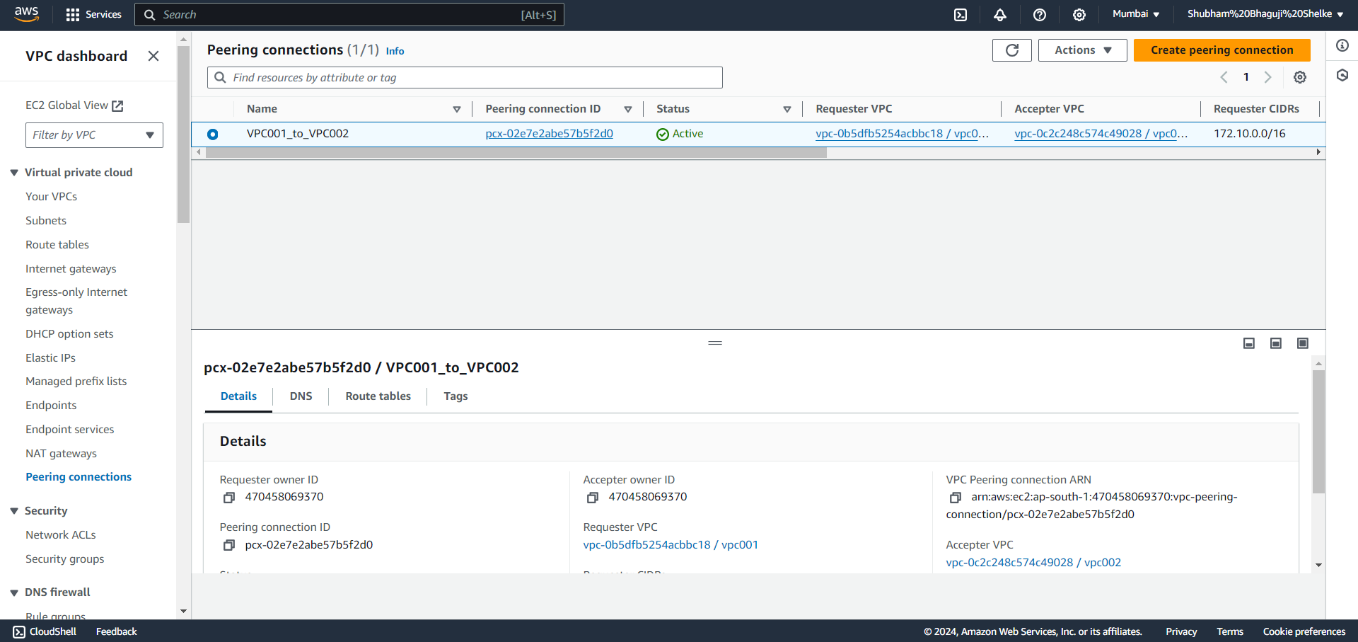
1. **Create Peering connection between “VPC001” and “VPC002”**



1. **Peering connection is in Pending State , i.e., yet to accept request from VPC002**



1. **After accepting request it should change state to in “Active”**



1. **Modify Route Tables**
2. Change VPC001\_Public\_RT Route Setting – Add Route – enter IP of VPC002 and select peering connection (VPC001\_to\_VPC002)
3. Change VPC002\_Private\_RT Route Setting – Add Route – enter IP of VPCOO1 and select peering connection (VPC001\_to\_VPC002)
4. **Create two instance VPC001\_Public\_Subnet VM and VPC002\_Private\_Subnet\_VM**
5. **Connect VPC001\_Public\_Subnet\_VM via putty**