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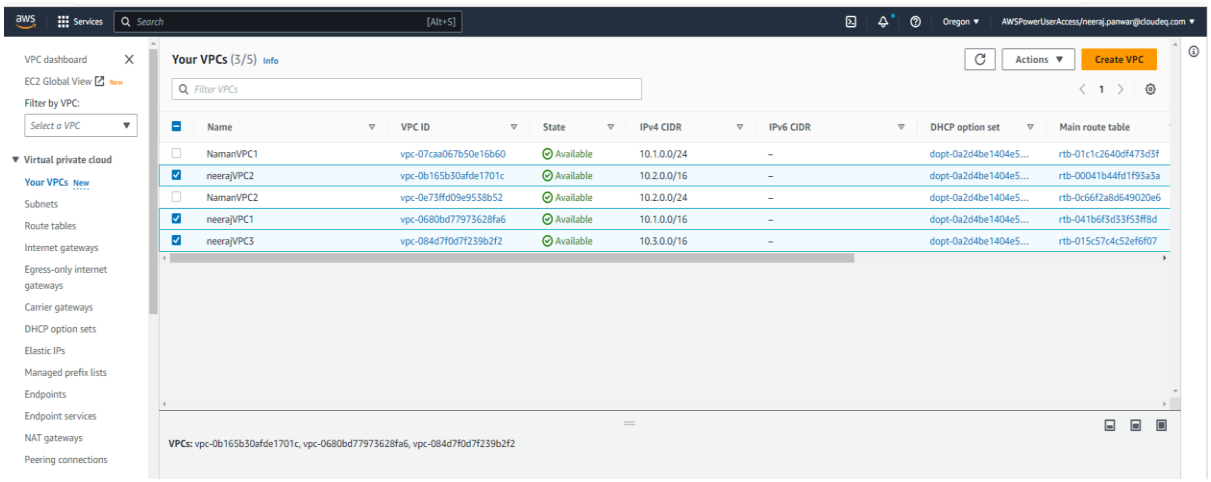
# AWS Transit Gateway*:*

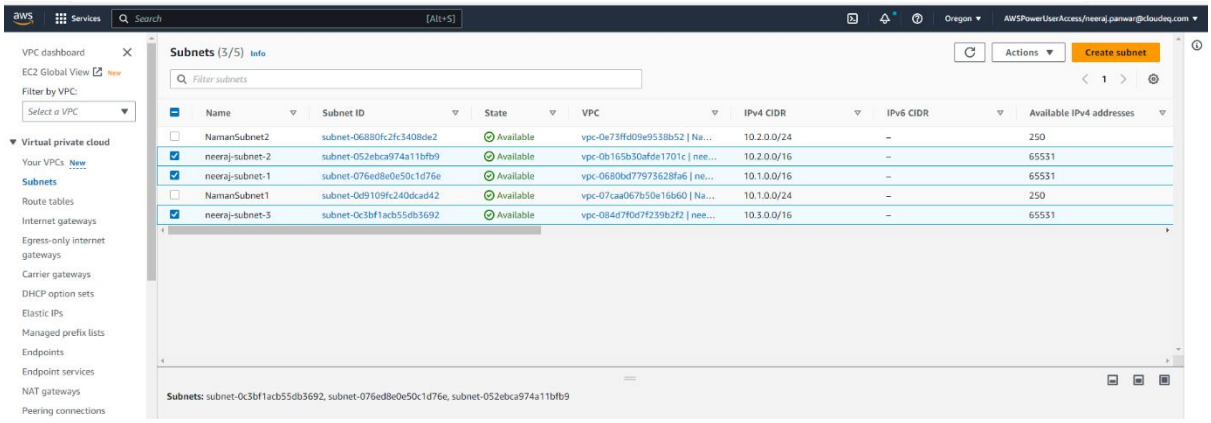
AWS Transit Gateway is a network transit hub that allows you to connect multiple Amazon Virtual Private Clouds (VPCs) and on-premises networks together in a centralized and scalable way, simplifying network management and reducing operational costs.

1. A Transit gateway is a network Transit hub.
2. Transit gateways connect VPC and on-premises networks to a central hub.
3. It simplifies the network and puts an end to the complex peering. It acts as a cloud router.
4. Each connection is just made once.
5. A tag scales elastically and the traffic management is very easy.
6. Our data is automatically encrypted and can never travel over public internet.
7. Inter-region peering connects AWS TG together using AWS global network.
8. Routing through the TG operates at layer 3 which is OSI model.

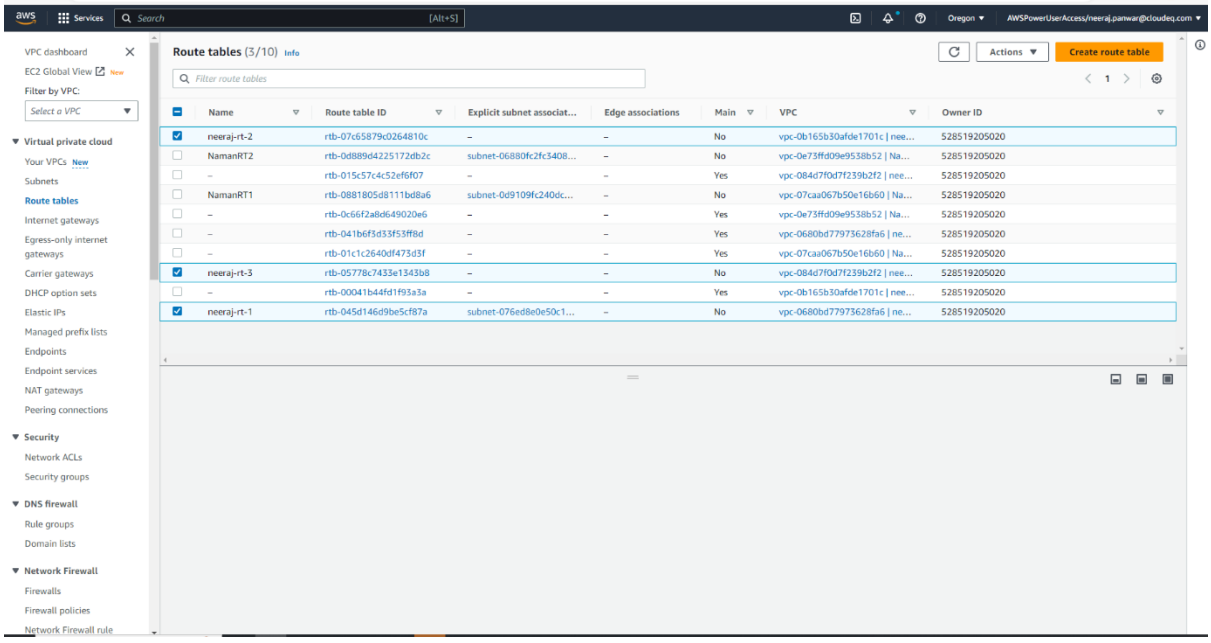
## Create Three VPCs:



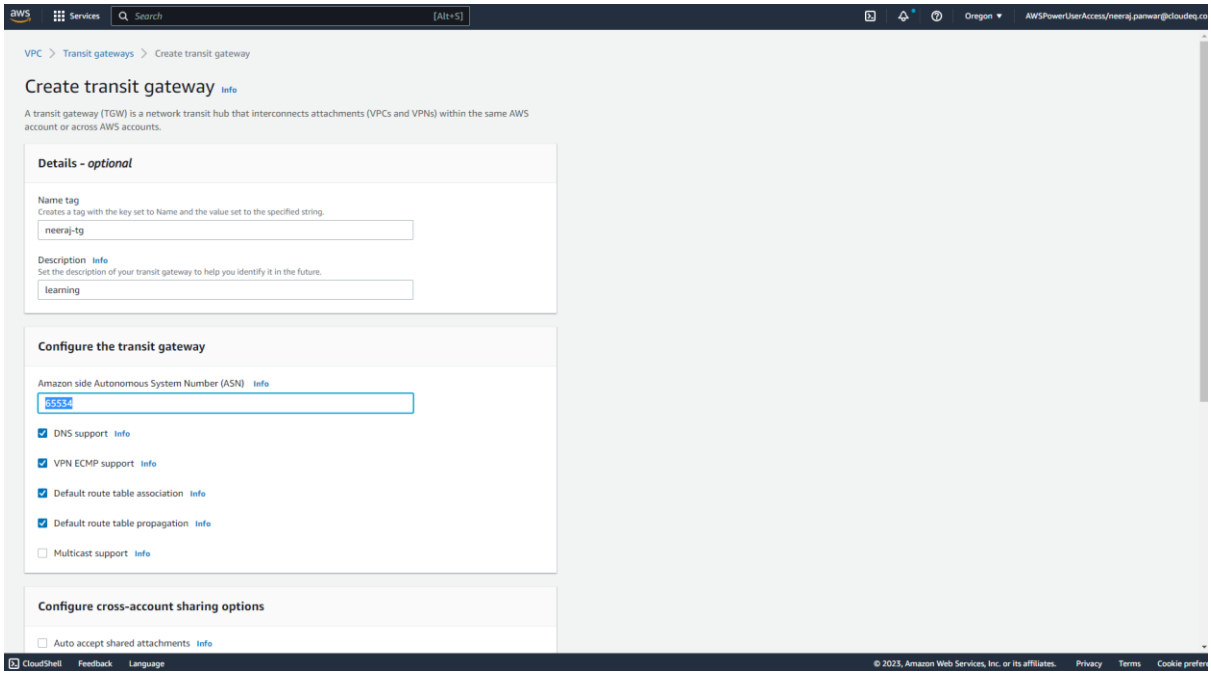

# Create Three Subnets:



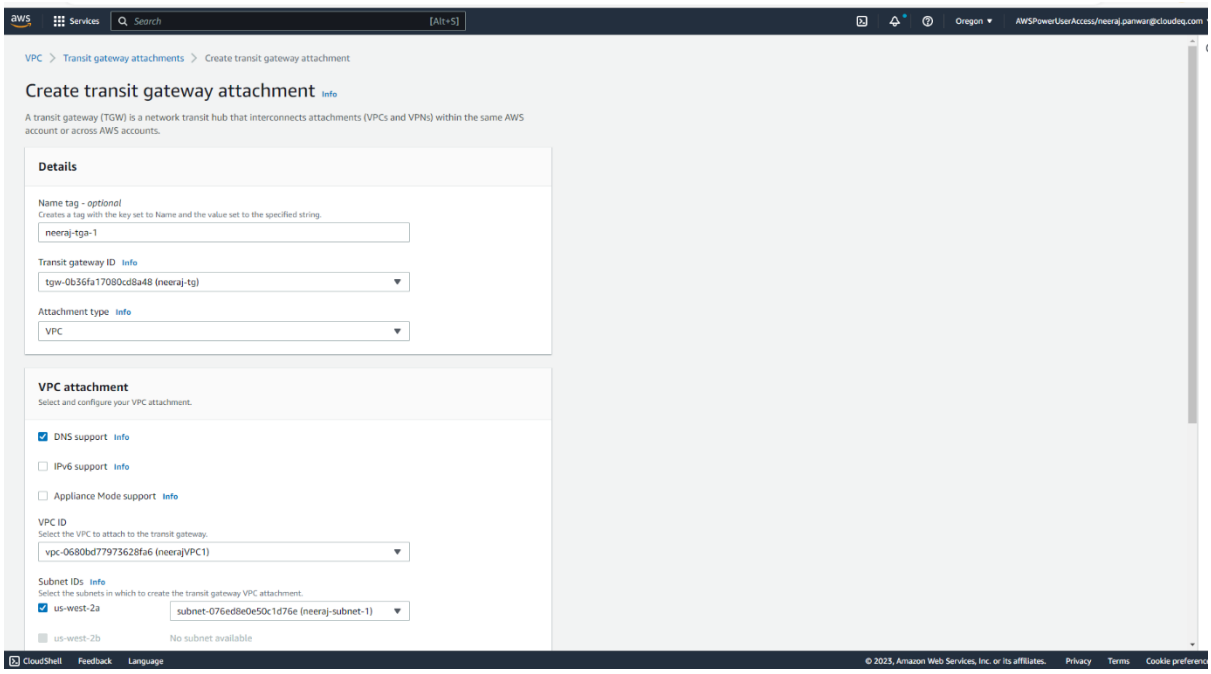

# Create Three Route Tables:

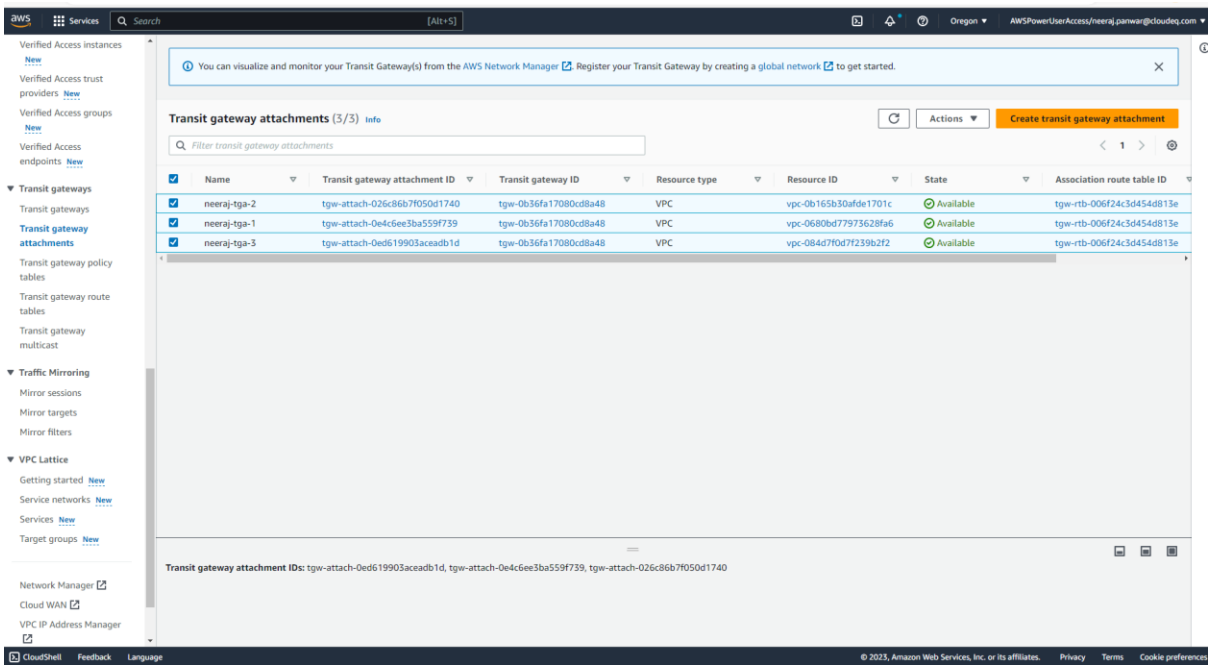


# Create Transit Gateway:

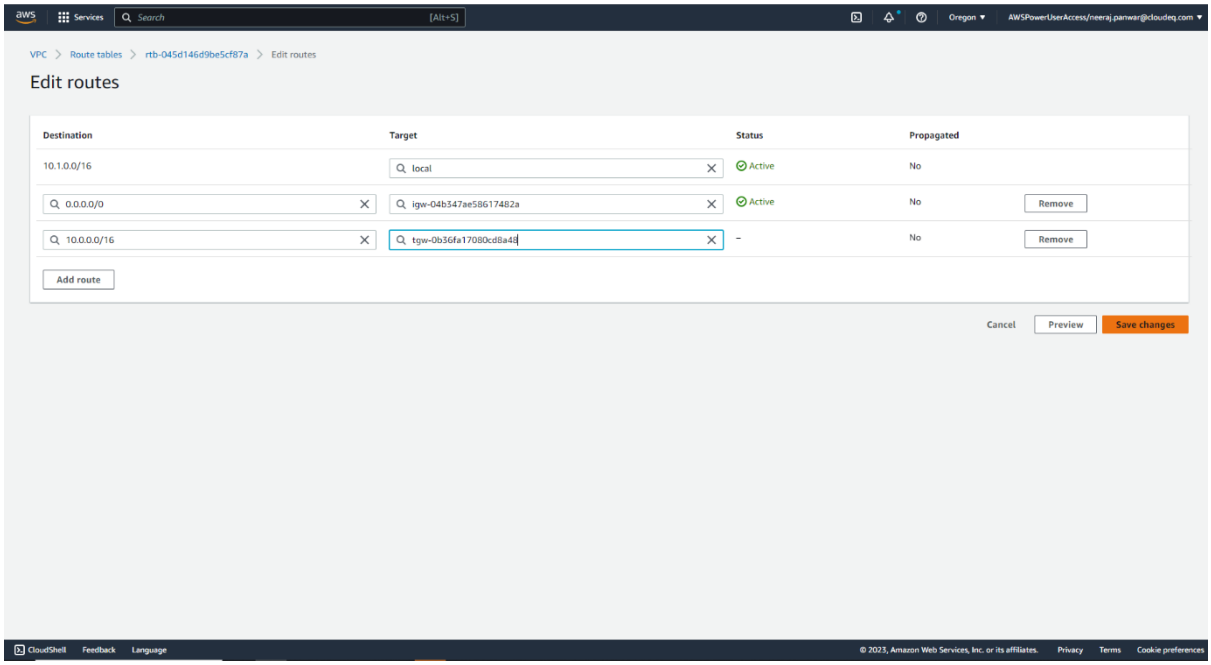



# Create Three Transit Gateway Attachments:






Edit Routes in each Route Tables created earlier & add IP of Transit Gateway.



# Adding IP in last Route Table 3