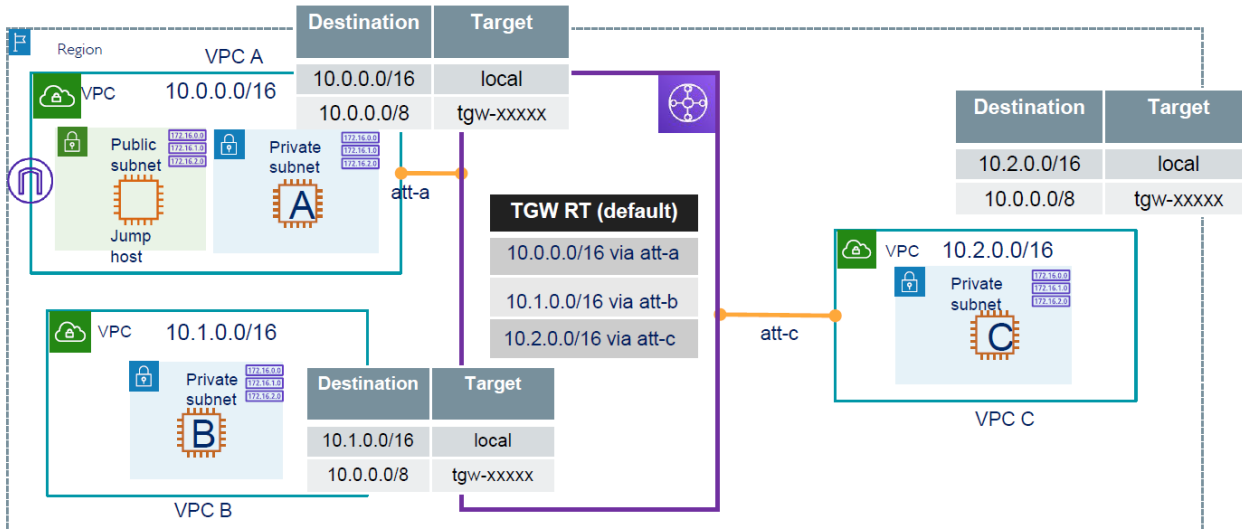# Exercise8
Transit gateway

1. Login to your IAM user
2. Create 3 VPCs and corresponding private subnets. For VPC A –additionally create a Public Subnet (we need that for jump host)
3. Create Transit Gateway
4. Create 3 VPC attachments for the Transit Gateway
5. Modify all Private subnet route table and add route for 10.0.0.0/8 via the Transit gateway attachment
6. SSH to VPC A Jump host -> SSH to EC2-A -> Ping to EC2-B and EC2-C (individually) using a Private IP
7. Upload the screenshots that:
   a. shows your **IAM user name,**
   b. list of transit gateway attachments,
   c. 'Propagation' tab content of 'Transit Gateway Route Tables'
   d. 'Routes tab content of 'Transit Gateway Route Tables'
   e. the Jump host welcome page that has the output of the commands:
      i. ssh to EC2-A
         - successful ping to EC2-B
         - successful ping to EC2-C
8. **Cleanup:**
   a. Terminate all the EC2 instances
   b. Delete Transit Gateway attachments
   c. Delete Transit Gateway
   d. Delete all VPCs

Sources:
https://www.awswithchetan.com/