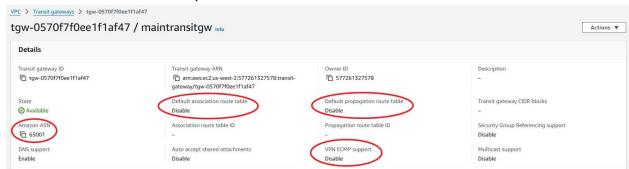
## AdvArchOnAWS v3.9 Lab 2 Screenshots for Debugging

- Task 1: Connect to CommandHost and try to ping B, C, D
- Task 2: Create a Transit Gateway



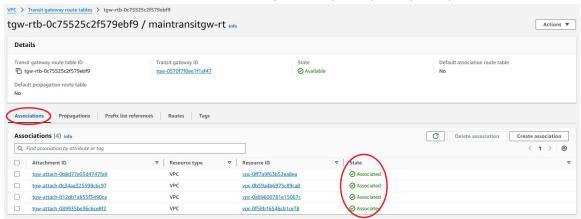
Task 3: Create Transit Gateway attachments - Repeat for vpc-a, vpc-b, vpc-c, vpc-d



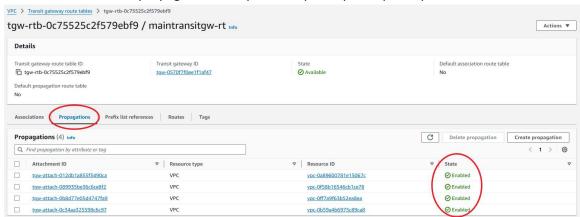
Task 4: Create the Transit Gateway route table



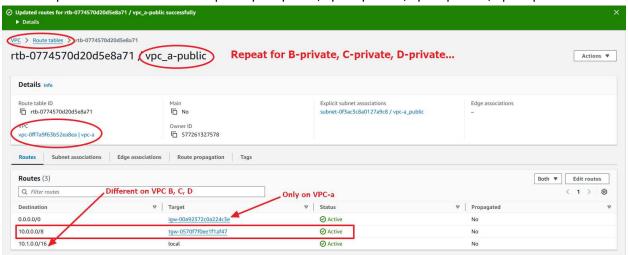
Task 4.1: Create route table associations – Repeat for vpc-a, vpc-b, vpc-c, vpc-d



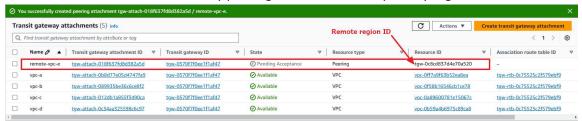
o Task 4.2: Create route propagations – Repeat for vpc-a, vpc-b, vpc-c, vpc-d



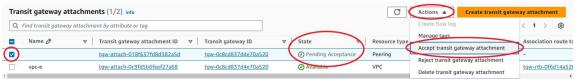
• Task 5: Update VPC rout tables – Repeat vpc-a-public, vpc-b-private, vpc-c-private, vpc-d-private



- Task 5.1: Network validation ping B, C, D works, But E fails
- Task 6: Create a peering connection to the remote region Transit Gateway
  - Task 6.1: Record the Transit Gateway ID of the Remote Region
  - Task 6.2: Create the Transit Gateway peering connection in the primary region



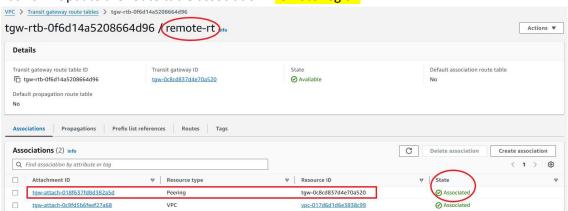
Task 6.3: Accept the Transit Gateway peering request - remote region



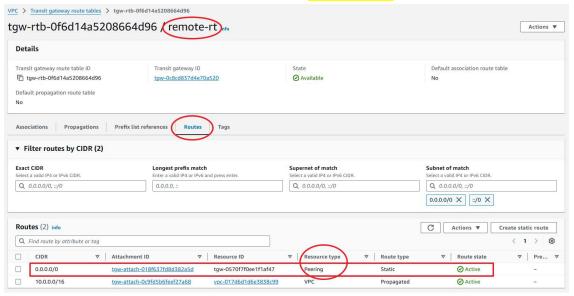
## It could take 5-10 minutes for the peering connection to become available.



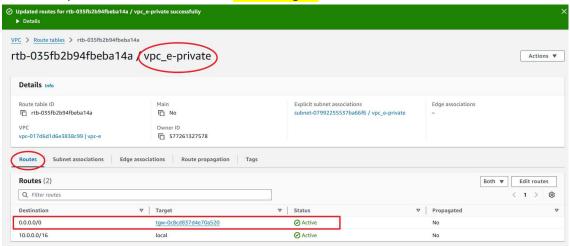
Task 6.4: Update the route table association - remote region



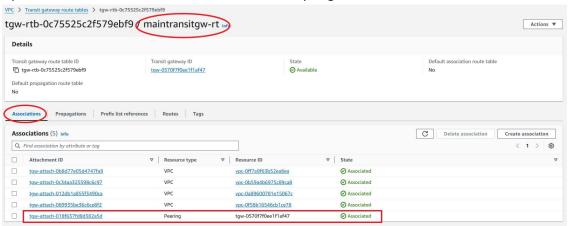
Task 6.5: Update the Transit Gateway route table - remote region



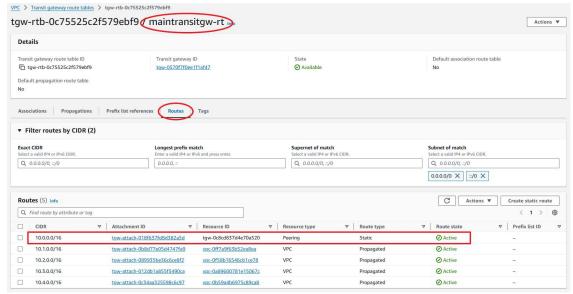
o Task 6.6: Update the VPC route table - remote region



- Task 6.7: Network validation ping E still fails
- Challenge: Update the routes in the primary region so that the Command Host can ping HostE.
  - Update the Route Table Association for the Primary Region



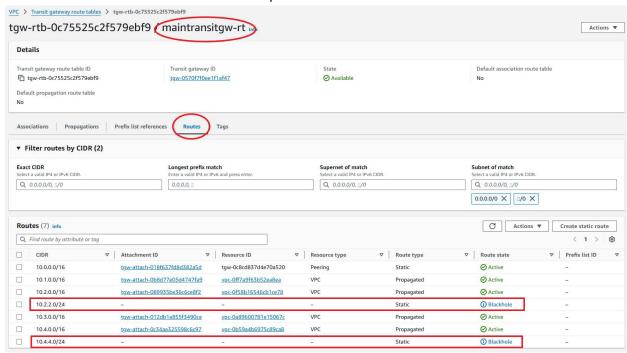
Update the Transit Gateway Route Table for the Primary Region



Network Validation – ping to E now works

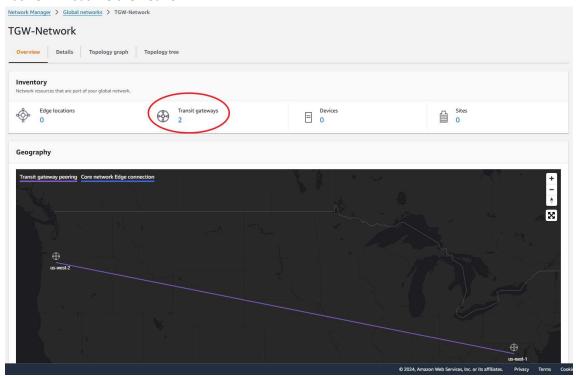


• Task 7: Create route filters to blackhole for vpc B and D



- Task 7.1: Network verification ping to B and D now fail
- Task 8: Visualize and analyze your network (Optional) with Network Manager

## o Task 8.1: Visualize the network



o Task 8.2: Analyze a route

