LAB - VPC Peering

You work for tngs corperation. tngs has resoources (example EC2 instances) in both us-east-1(Virginia) and us-east2(Ohio)

You have been assigned to establish a 2 way communications between resources in both regions.

Solutions:

Create vpc peering for both region vpcs' and communications between vpc resources

us-east-1(Virginia) - VPCA

- EC2 called LinuxServerA

1. Create a vpc in us-east-1 with CIDR block 10.10.0.0/16 - VPCA

2. Create a Subnet in us-east-1 with CIDR block 10.10.0.0/24 - public subnet A

3. Create IGW and attach to VPCA

4. Associate public subnet A to the default VPCA Route Table

5. Created an EC2 Instance in us-east-1 - LinuxServerA

us-east2(Ohio) - VPCB

- EC2 called LinuxServerB

1. Repeat same process for us-east2

Creating Peering connection

1. Create vpc peering in us-east-1- VPCA-VPCB\_Peering

2. ADD VPC routes in both region subnet route tables

3. Add Route in both EC2 instance Security Groups

4. ssh into LinuxServerA and ping Private IP of LinuxServerB

5. ssh into LinuxServerB and ping Private IP of LinuxServerA