LAB 4: *VPC PEERING*

AIM: To create a vpc peering connection.

THEORY:

→ A *virtual private cloud* (VPC) is a virtual network dedicated to your AWS account.

→ It is logically isolated from other virtual networks in the AWS Cloud. You can launch AWS resources, such as Amazon EC2 instances, into your VPC.

→ A VPC peering connection is a networking connection between two VPCs that enables you to route traffic between them using private IPv4 addresses or IPv6 addresses.

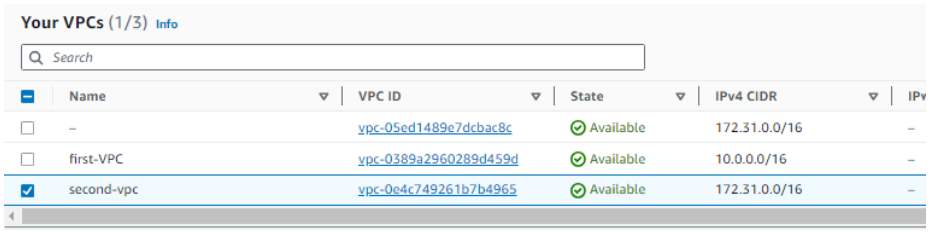
→ Instances in either VPC can communicate with each other as if they are within the same network.

→ You can create a VPC peering connection between your own VPCs, or with a VPC in another AWS account.

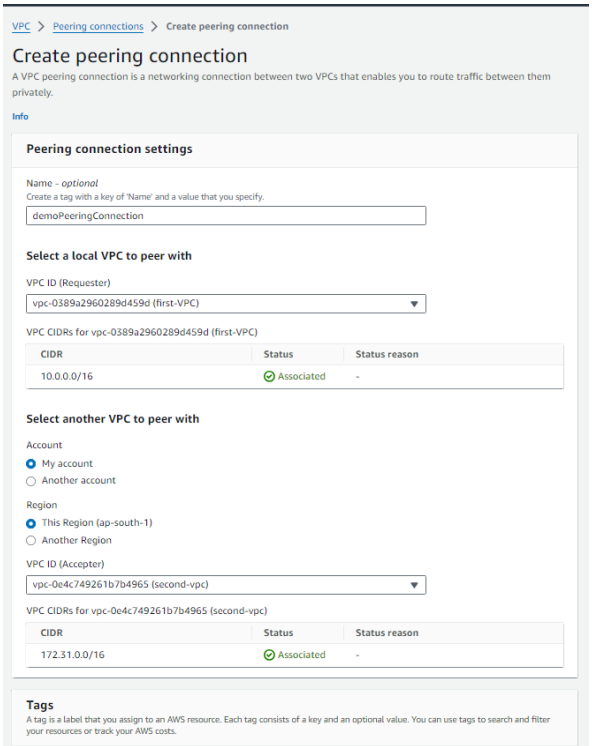
→ The VPCs can be in different Regions (also known as an inter-Region VPC peering connection).

PROCEDURE:

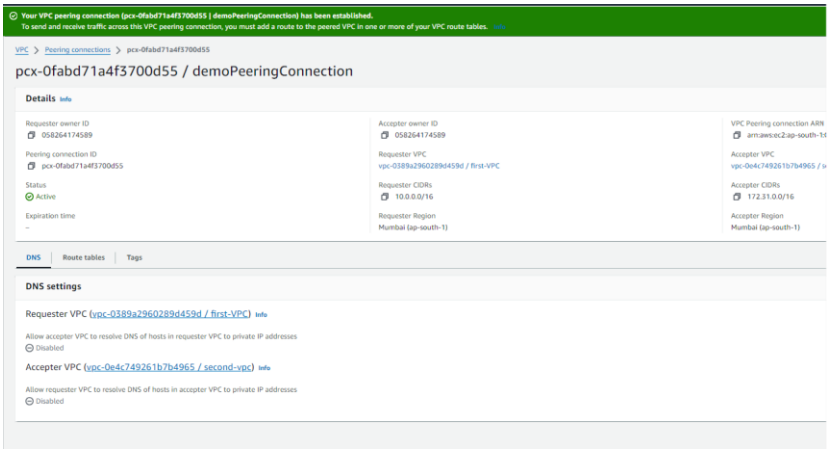
1. Create two VPCs.



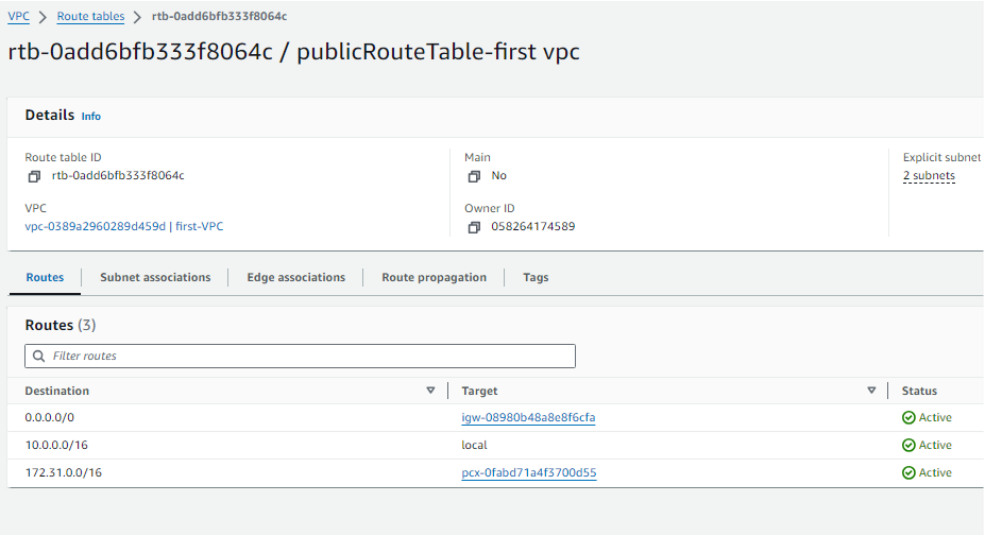
2. Create a peering connection



3. Accept the peering connection request.



4. Configure the route table and send traffic to the connection.



5. TESTING THE VPC PEERING CONNECTION: A SUCCESSFUL CONNECTION WAS OBSERVED AS THE OTHER VPC DIDN'T HAVE AN INTERNET GATEWAY