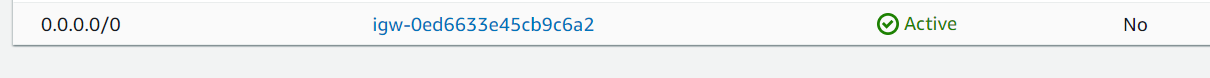
* Login to AWS Console
* Search for VPC and Click on it
* Go to Your VPCs at left Menu and Click on **Create VPC**
  + Provide the name (VPC-A)
  + IP V4 CIDR Block - 10.100.0.0/16
  + Tenancy – default
  + Hit Create to create VPC
  + Create Subnets under VPC-A
    - Provide Name - Subnet-A-Public
    - Select VPC That we created
    - IPv4 CIDR – 10.100.1.0/24
    - Click on Create
  + Create Second subnet under VPC-A
    - Provide Name – Subnet=A-Private
    - Select VPC That we created
    - IPv4 CIDR – 10.100.2.0/24
    - Click on Create
* Create Internet Gateway (IGW-VPC-A)
  + Created and in Detached state by default
  + Attach to VPC that we created
* Go to Route Tables
  + Create New Route Table under VPC-A --- Route-A-Public
    - Edit Routes 🡪 Add Route



* + - Edit Subnet Associations and associate **Subnet-A-Public**
  + Create New Route Table under VPC-A --- Route-A-Private
    - Edit Routes 🡪 Add Route
      * Destination 10.100.1.0/24
    - Target is local
    - i.e we are allowing traffic to Private Subnet Resources from Public subnet Resources only
    - Click on Save
    - Edit Subnet Associations and associate **Subnet-A-Private**
* Select subnet (**Subnet-A-Public**)
  + Subnet actions -- > Modify auto assign IP settings 🡪 Enable auto assign IP settings
* Launch EC2 Instance (Amazon Linux AMI)
  + Select Custom VPC (VPC-A)
  + Select Public Subnet (**Subnet-A-Public**)
* Launch Second EC2 instance with private subnet (**Subnet-A-Private)**

**Create Second VPC**

* Go to Your VPCs at left Menu and Click on **Create VPC**
  + Provide the name (VPC-B)
  + IP V4 CIDR Block - 10.200.0.0/16
  + Tenancy – default
  + Hit Create to create VPC
  + Create Subnets under VPC-B
    - Provide Name - **Subnet-B-Private**
    - Select VPC That we created
    - IPv4 CIDR – 10.200.1.0/24
    - Click on Create
* Go to Route Tables
  + Create New Route Table under VPC-B --- Route-B-Private
    - Edit Subnet Associations and associate **Subnet-B-Private**

**Create Peer Connections**

* Click on Peer Connections from left menu of VPC
  + Provide Peer Connection Name
  + VPC Requestor
  + VPC Acceptor
  + Click on Create Peering Connection
* Accept the Peer Connection from VPC Dashboard
* Under two Route Tables
  + Route-A-Private and Route-B-Private add Route out to VPC Peer

We should be able to access from VPC-A Private Instance to VPC-B Private EC2 Instance