**LAB – VPC Peering**

**Use case**Client has requested that you design and implement 2 separate **VPC networks** **(Dev and Prod)** in AWS to host a Java/Python/SaaS etc. Application within an EC2 instance deployed into each **VPC**.

You have been provided the below requirements to help with a smooth provisioning process. These two resources need to be able to communicate with each other to share and transfer data.

**DevVPC Requirements**

**Data Center Virginia**

1. VPC Name: **DevVPC**
   * VPC CIDR: **10.38.0.0/20**
2. Public subnet name: **PublicSubnet-1**
   * **Dev\_Public\_Subnet** CIDR: **10.38.0.0/24**
3. Private subnet name: **PrivateSubnet-1**
   * **Dev\_Private\_subnet** CIDR: **10.38.1.0/24**

**ProdVPC Requirements**

**Data Center Ohio**

1. VPC Name: **ProdVPC**
   * VPC CIDR: **10.39.0.0/20**
2. Public subnet name: **PublicSubnet-1**
   * **prod\_Public\_Subnet** CIDR: **10.39.0.0/24**
3. Private subnet name: **PrivateSubnet-1**
   * **Prod\_Private\_subnet** CIDR: **10.39.1.0/24**

Please provision and configure your environment with the above requirements to allow traffic flow between these 2 environments.