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.