# **Create Vnet and Subnet with Peering Labs**

# **Objective**

- Practice of creating VNet, Subnet, and Peering

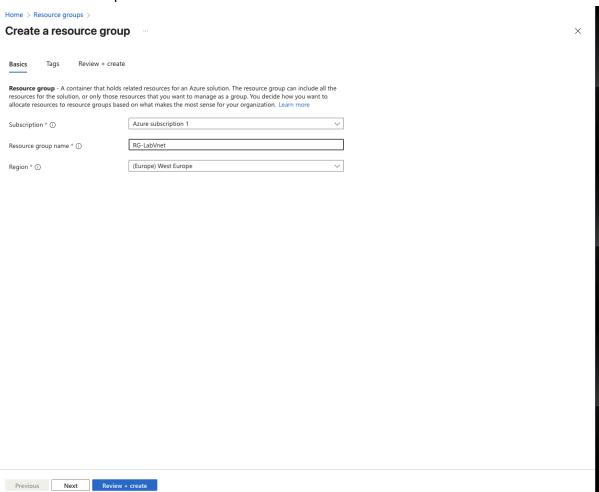
# **Comments**

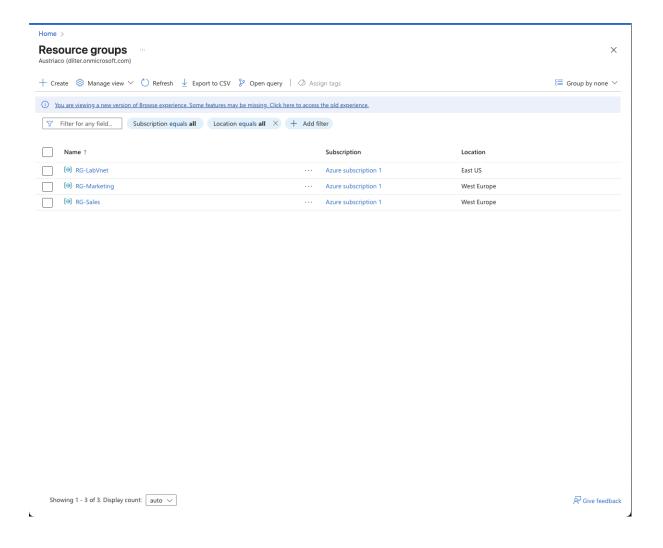
Today's study was about VNet, Subnet, and Peering, so I put into practice what I learned.

First, I created a Resource Group called LabVnet. Then, I created the VNets and subnets. I didn't face any major difficulties during the practice; it went smoothly.

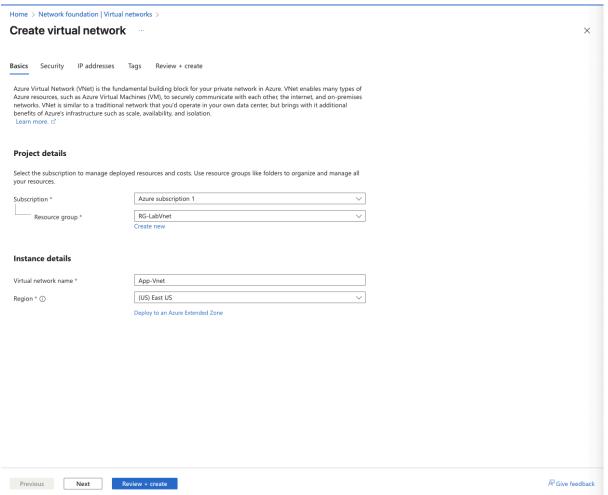
I created the peering to connect App-VNet and Hub-VNet, and in the end, the peering status showed as connected.

# 1.Create RG Group

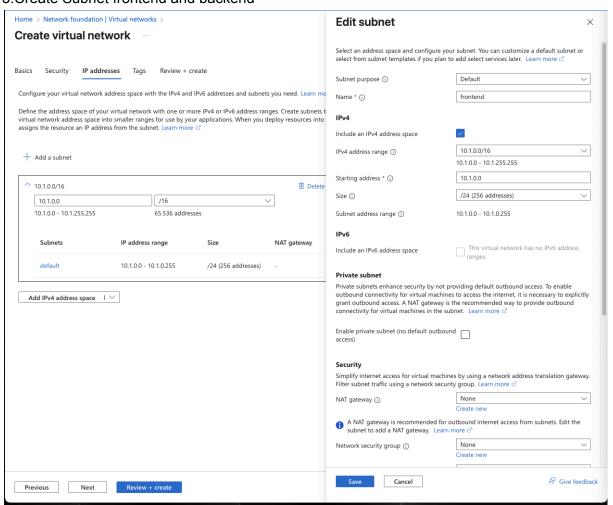


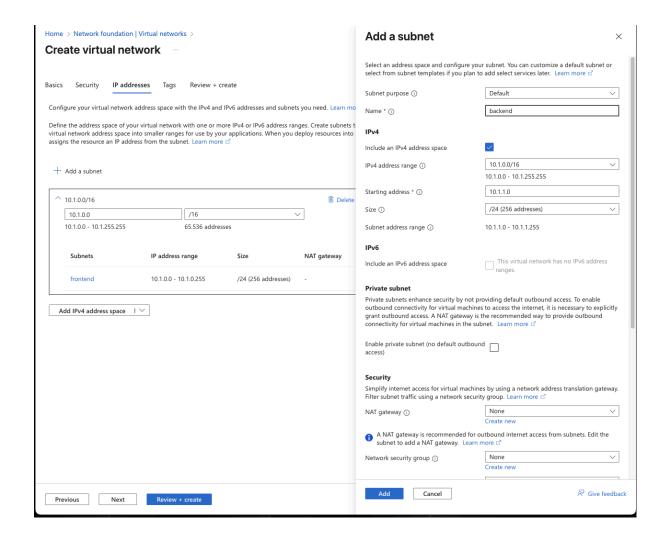


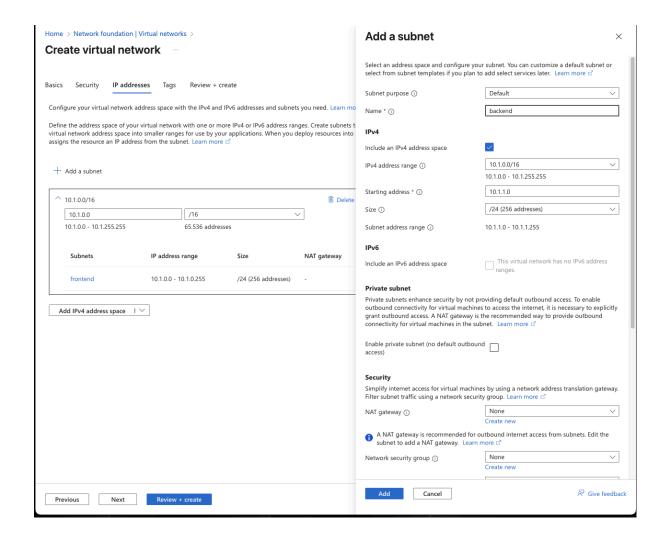
## 2.Create Vnet App-Vnet

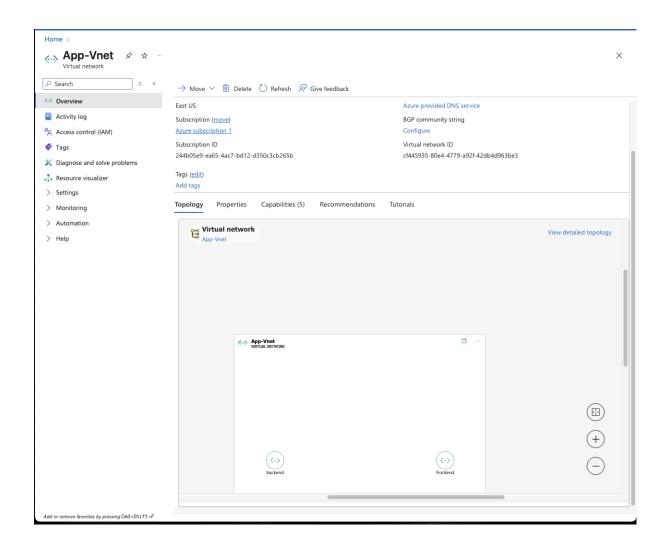


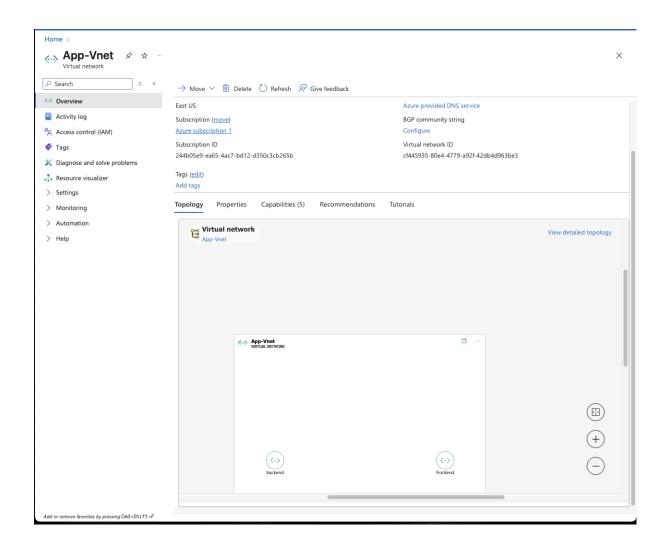
#### 3. Create Subnet frontend and backend

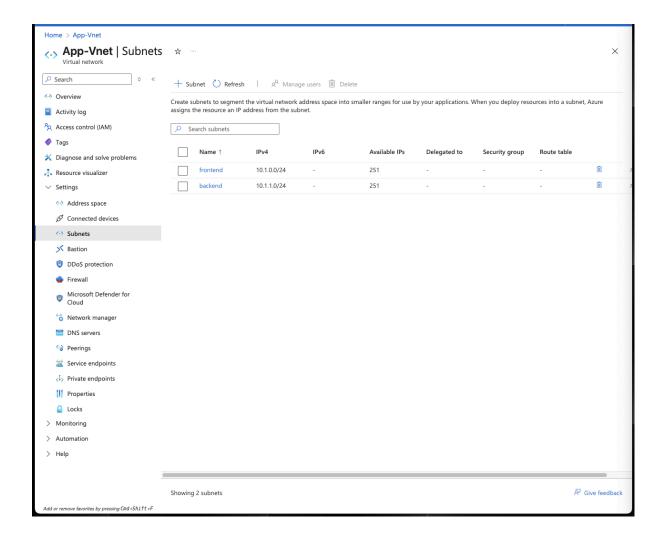




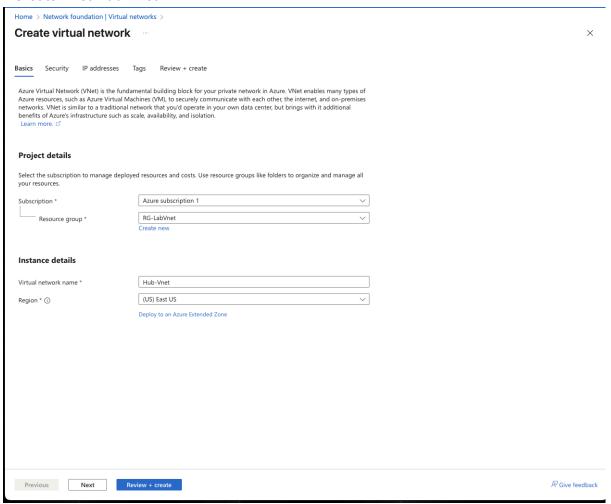




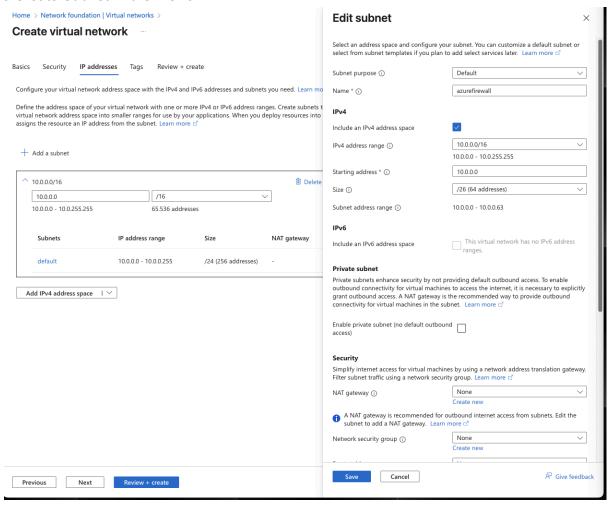


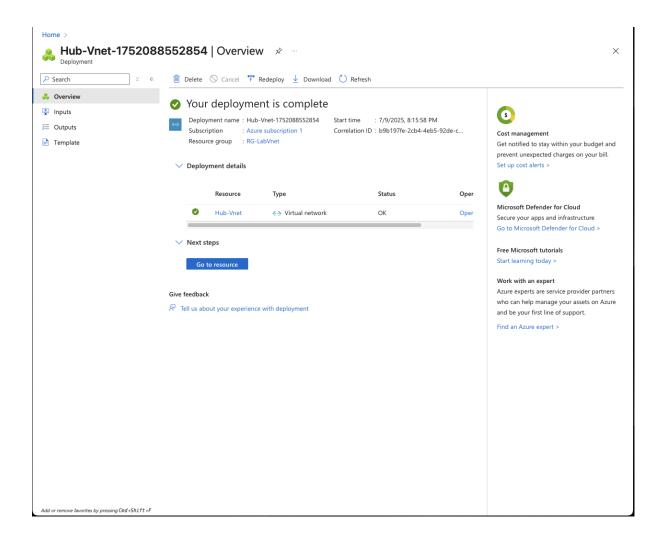


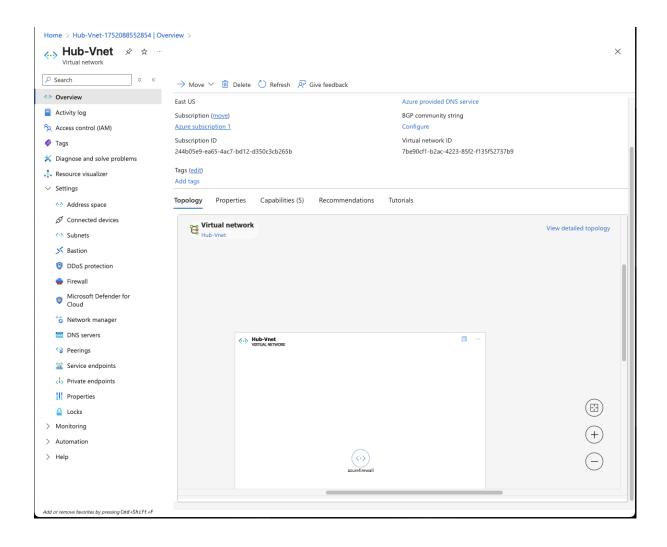
#### 4.Create Vnet Hub-Vnet



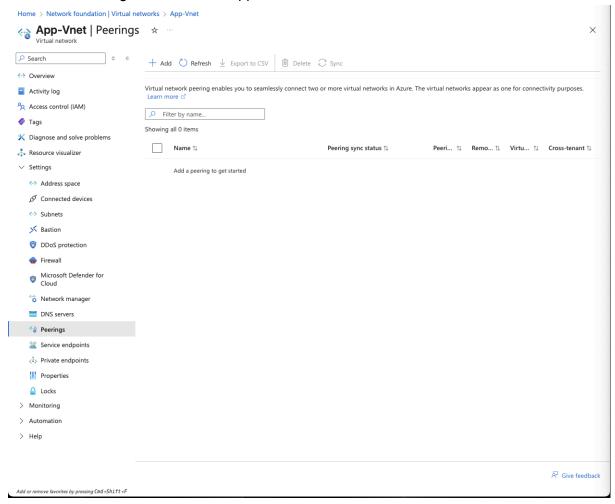
#### 5.Create Subnet AzureFirewall





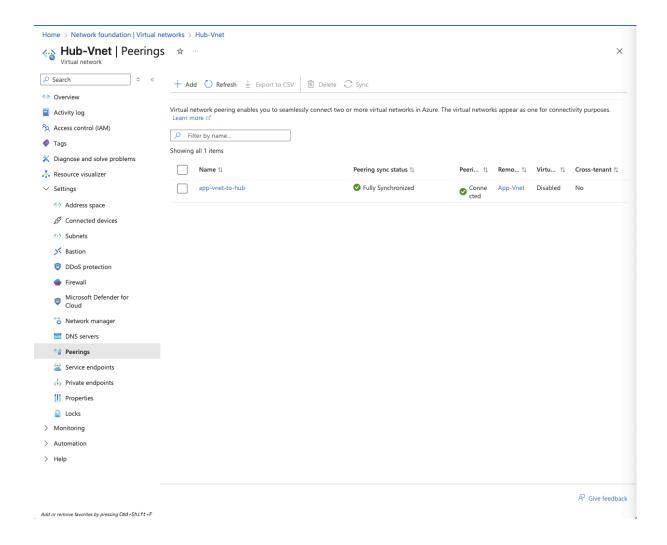


## 6.Connect Peering virtual network app-vnet to hub-vnet

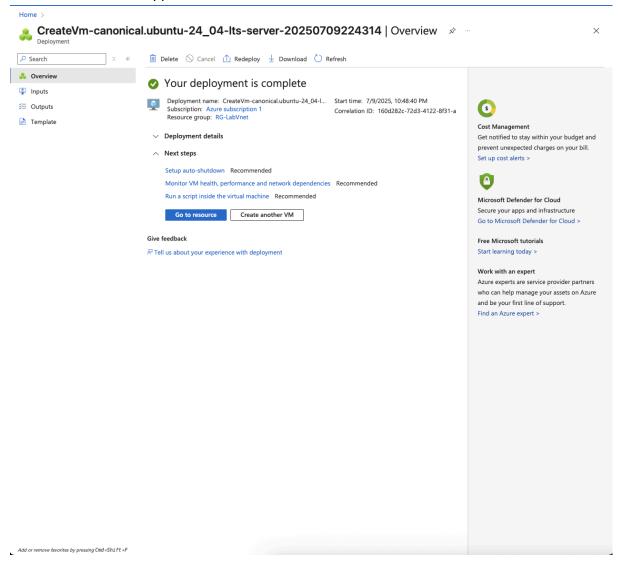


Home > Network foundation   Virtual networks > App-Vnet   Peerings >					
app-vnet-to-hub ···		×			
Virtual network peering enables you to seamlessly connect two or more virtual networks in Azure. This will allow resources in either virtual network to directly connect and communicate with resources in the peered virtual network.					
Remote virtual network summary					
Remote Vnet Id	/subscriptions/244b05e9-ea65-4ac7-bd12-d350c3cb265b/resourceGroups/				
IP address space	10.0.0.0/16				
Local virtual network summary					
Peering link name *	app-vnet-to-hub				
Peering state	<b>⊘</b> Connected				
Local virtual network peering settings					
Allow 'App-Vnet' to access 'Hub-Vnet' (i)					
Allow 'App-Vnet' to receive forwarded traffic from 'Hub-Vnet' ①					
Allow gateway or route server in 'App-Vne to forward traffic to 'Hub-Vnet' ①					
Enable 'App-Vnet' to use 'Hub-Vnet's' remote gateway or route server ①					
Save Cancel	Ā	₹ Give feedback			

## 7.Status Peering



### 8. Create VM in Vnet-app, Subnet Backend



And that's it!!! Thank you for reading this far, little by little I'm improving, learning more about Azure, hugs.