Submitted by: Arifa

Azure Kubernetes Service:

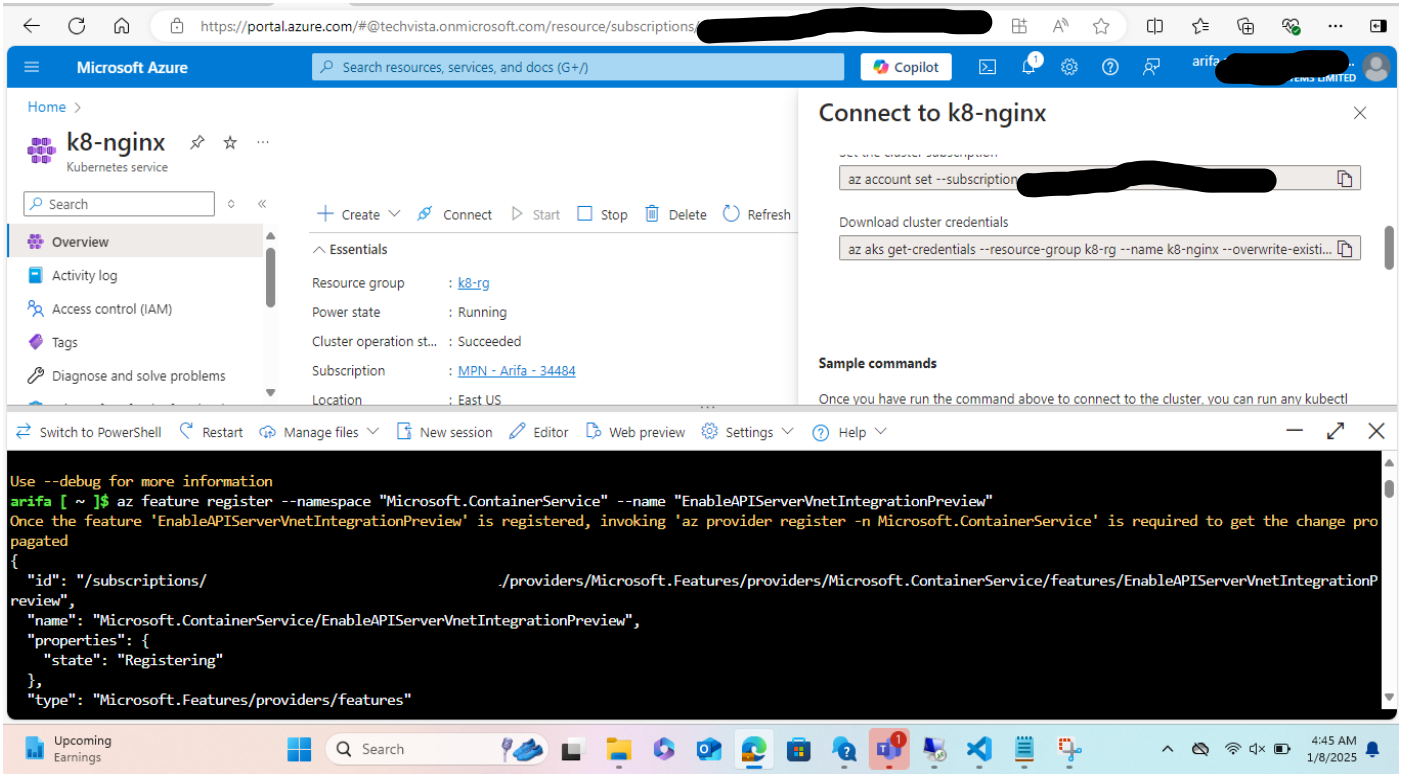
Task: Public cluster to Private cluster

Step1: Installed the aks-preview extension

```
az extension add --name aks-preview
```

Step 2: Register the 'EnableAPIServerVnetIntegrationPreview' feature flag

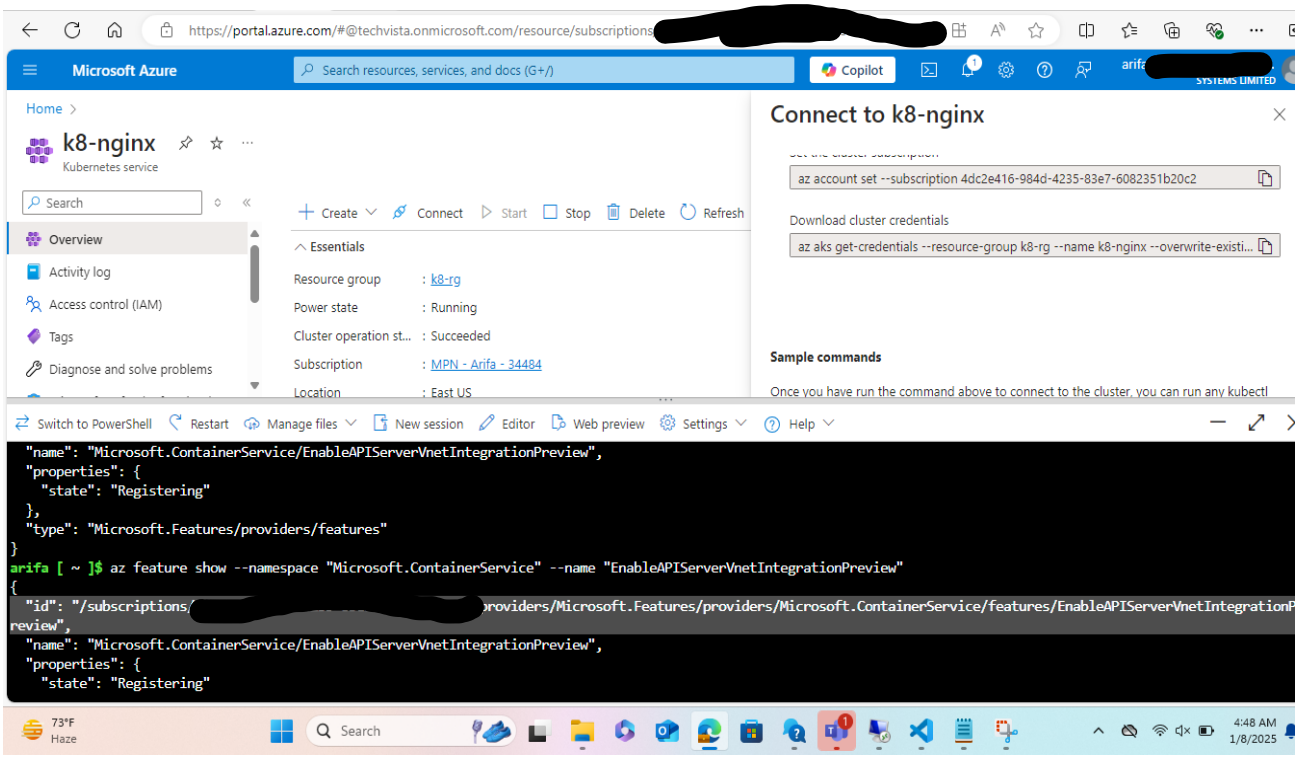
```
az feature register --namespace "Microsoft.ContainerService" --name "EnableAPIServerVnetIntegrationPreview"
```



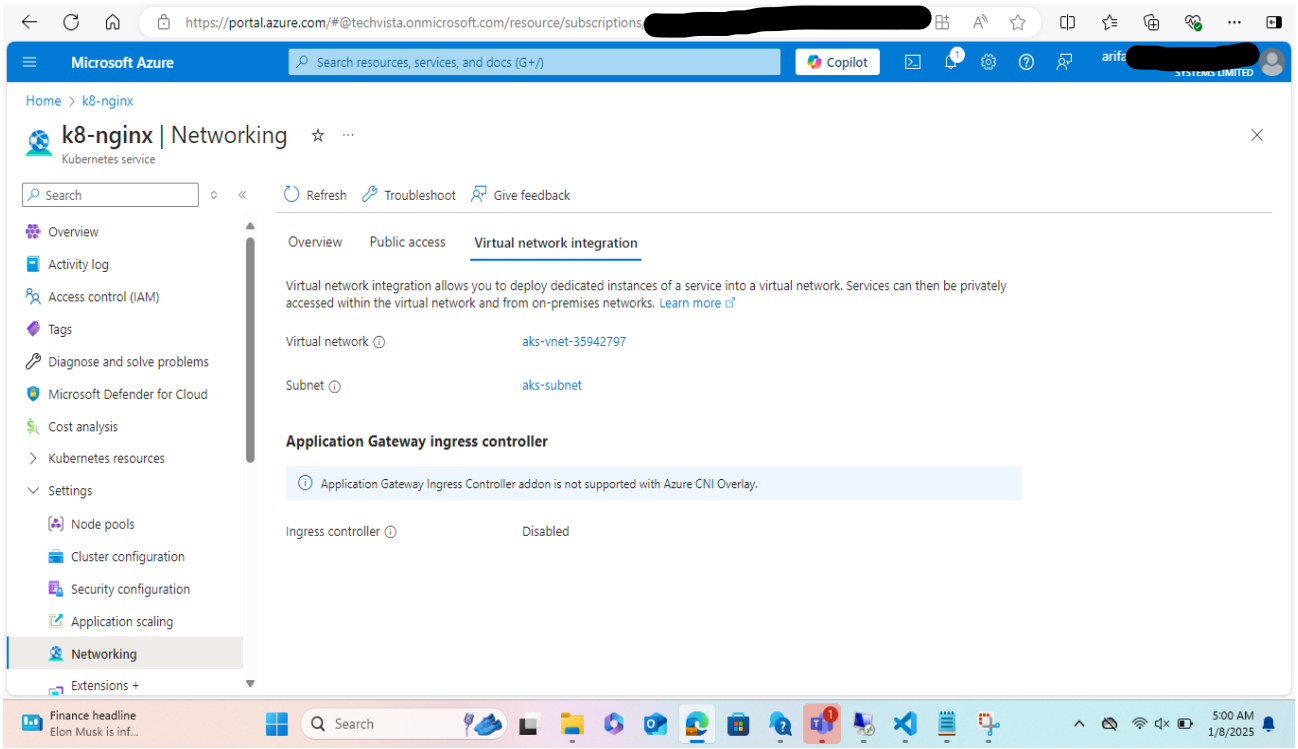
Step 3- Verified the registration status:

```
az feature show --namespace "Microsoft.ContainerService" --name "EnableAPIServerVnetIntegrationPreview"
```

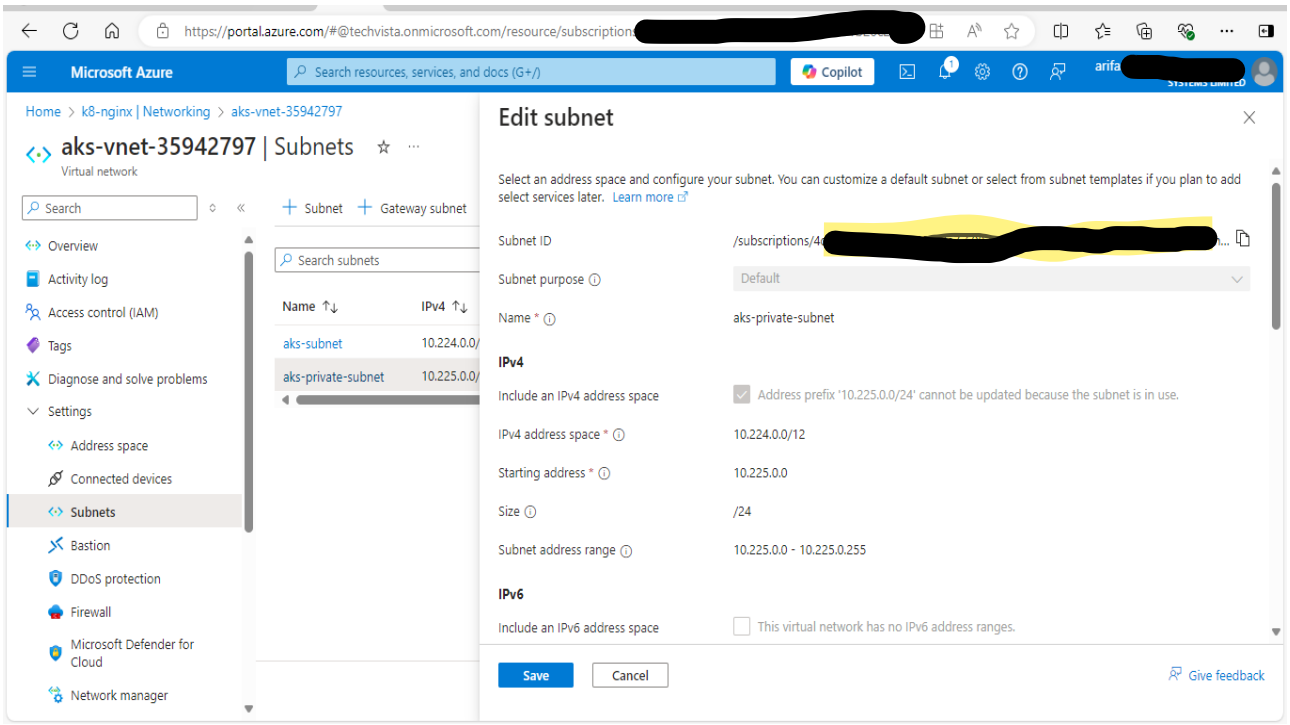
Submitted by: Arifa



step3- Created a subnet in the existing vnet



Submitted by: Arifa



Step 4: Updated cluster to API Server VNet Integration.

```
az aks update --name k8-nginx \ --resource-group k8-rg \ --enable-apiserver-vnet-integration \ --apiserver-subnet-id /subscriptions/[redacted]/resourceGroups/MC_k8-rg_k8-nginx_eastus/providers/Microsoft.Network/virtualNetworks/aks-vnet-35942797/subnets/aks-private-subnet
```

Submitted by: Arifa

Step 5: Enable private cluster mode

```
az aks update --name k8-nginx --resource-group k8-rg --enable-private-cluster
```