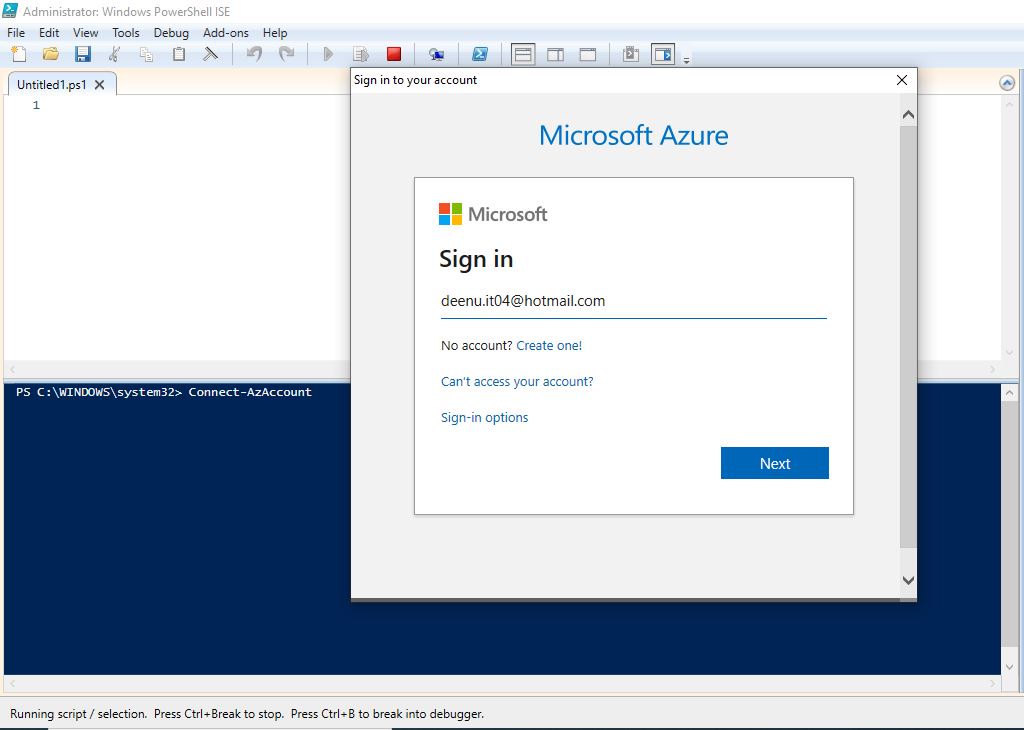
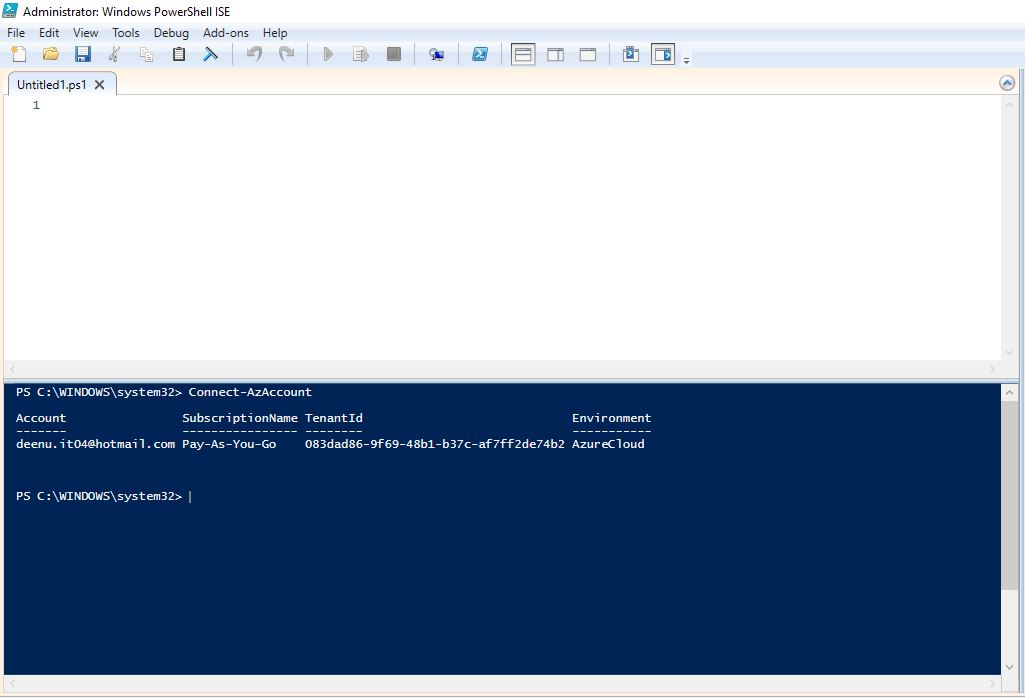
Step1: Open Windows PowerShell ISE and use the **Connect-AzAccount** cmdlet

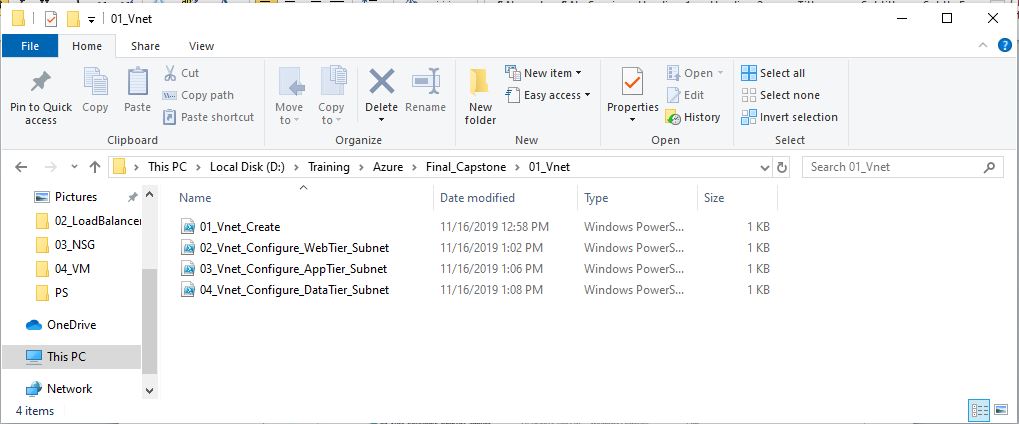


Step2: Enter credentials and sign in

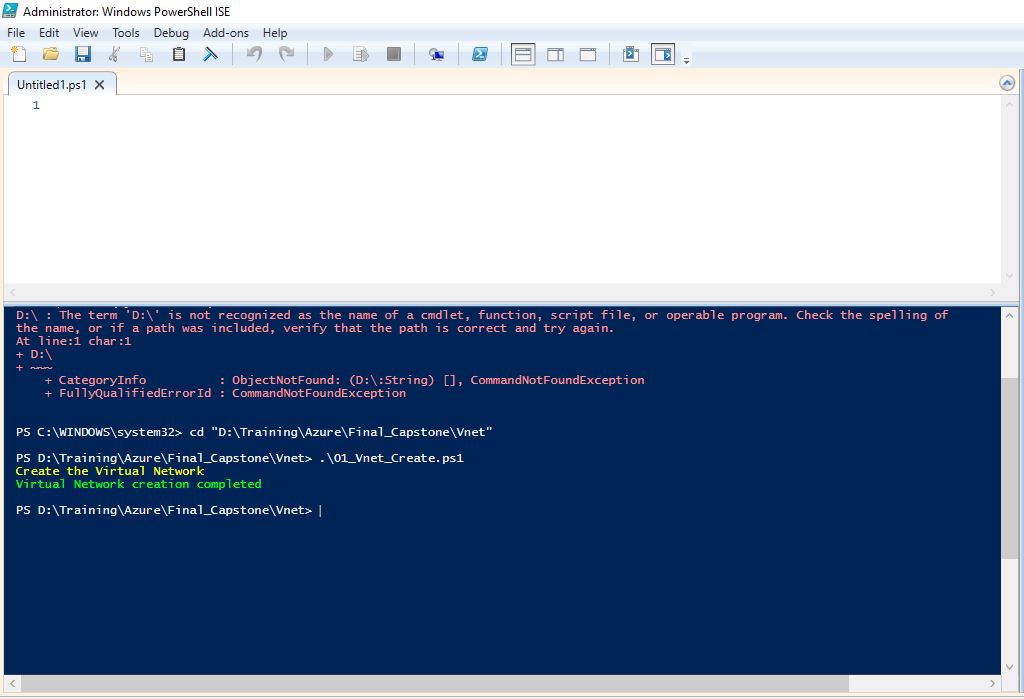


Step3 : Create Virtual Network with name **fc3TierVnet** and address space **192.168.0.0/16** in resource group **fc3TierVnetResourceGroup** andlocation **Central India**.

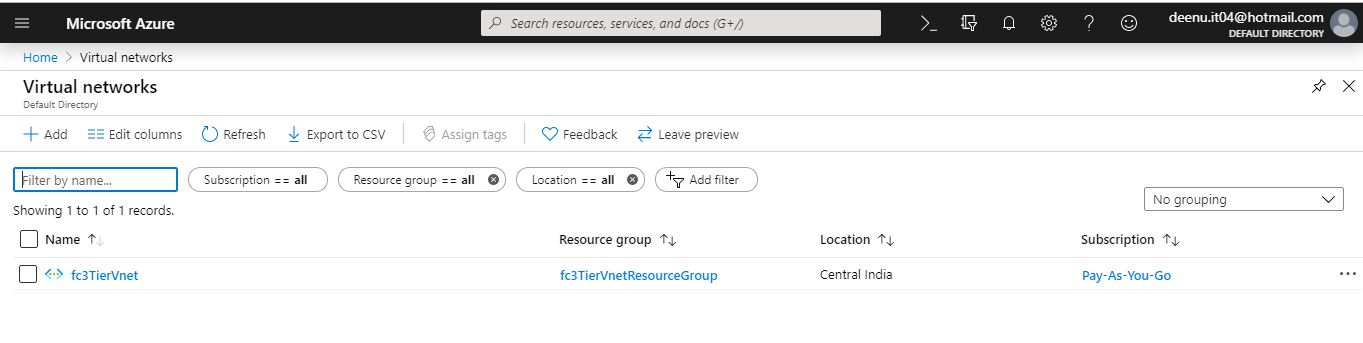
1. Change folder to Power Shell script folder 01\_**Vnet**.



1. Execute **01\_Vnet\_Create.ps1** in Power Shell command line.

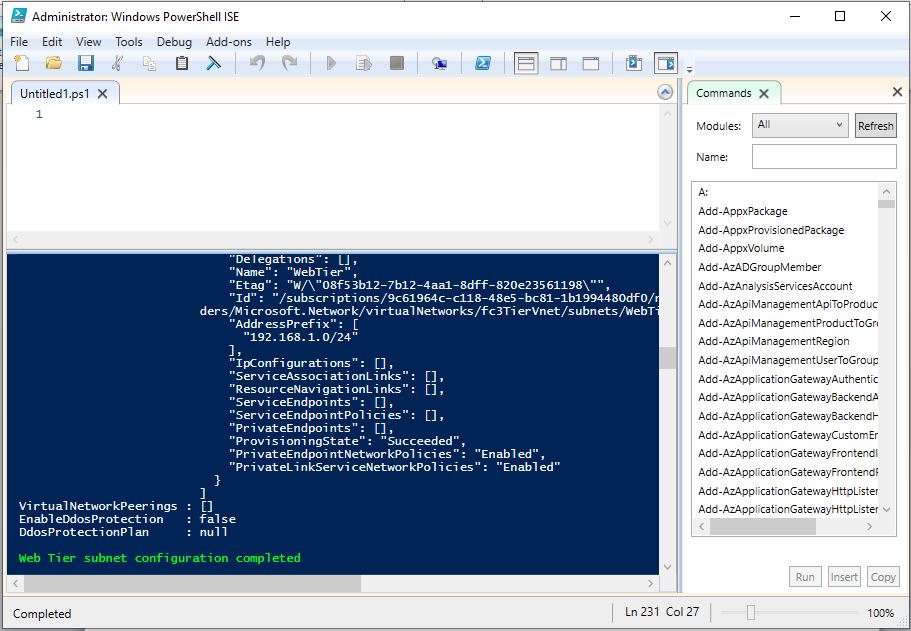


1. Verify the Virtual Network in in Azure portal

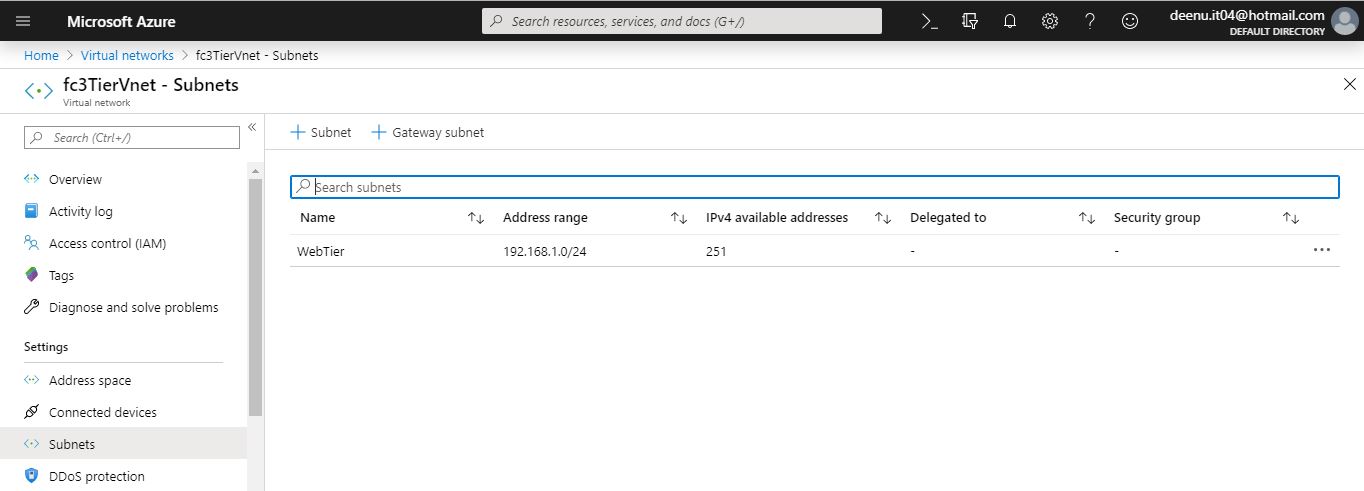


Step4: Create Subnet with name **WebTier** under **fc3TierVnet** and address space **192.168.1.0/24** in resource group **fc3TierVnetResourceGroup**.

1. Execute **02\_Vnet\_Configure\_WebTier\_Subnet.ps1** in Power Shell command line.

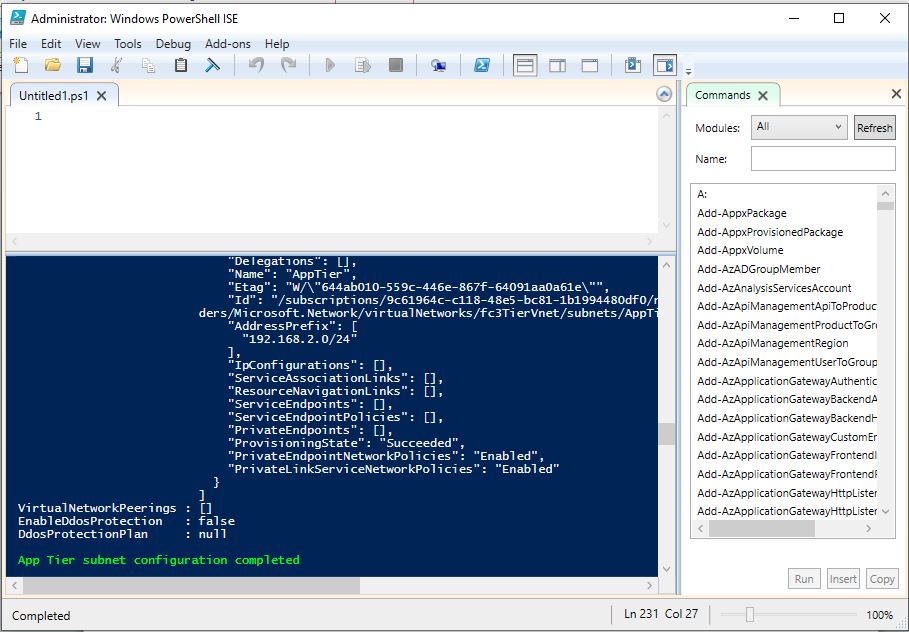


1. Verify the subnet in in Azure portal

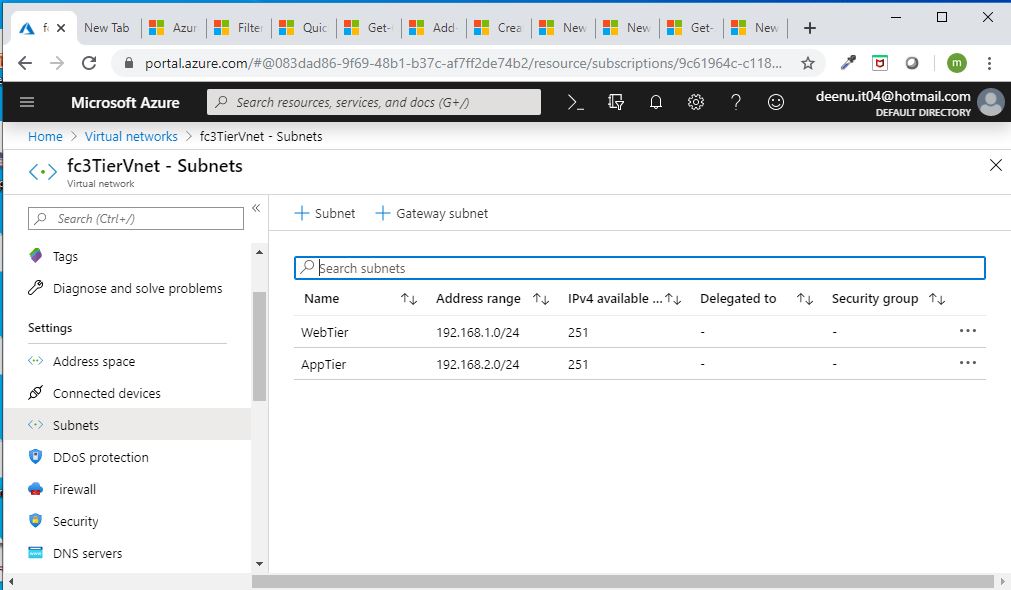


Step5: Create Subnet with name **AppTier** under **fc3TierVnet** and address space **192.168.2.0/24** in resource group **fc3TierVnetResourceGroup**.

1. Execute **03\_Vnet\_Configure\_AppTier\_Subnet.ps1** in Power Shell command line.

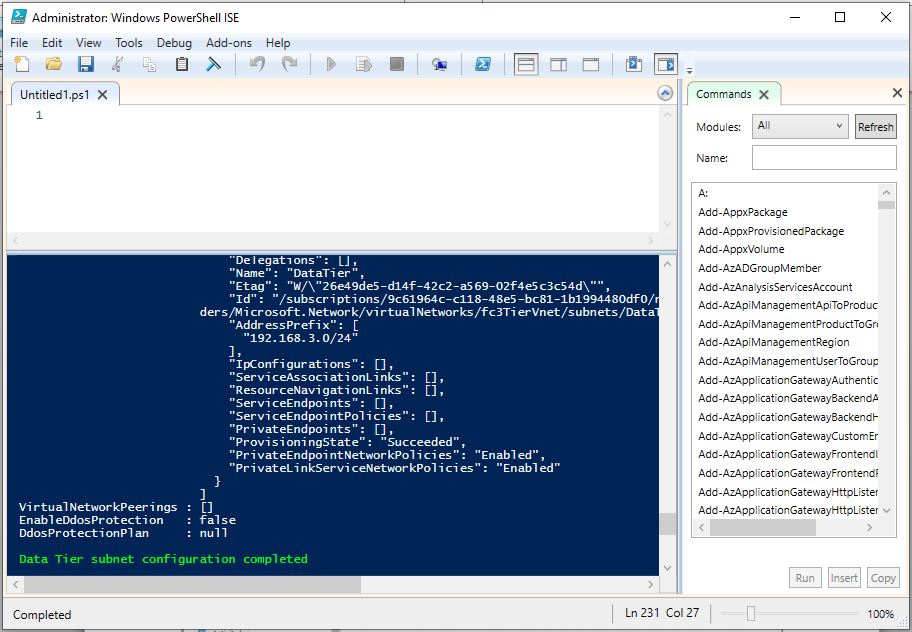


1. Verify the subnet in in Azure portal

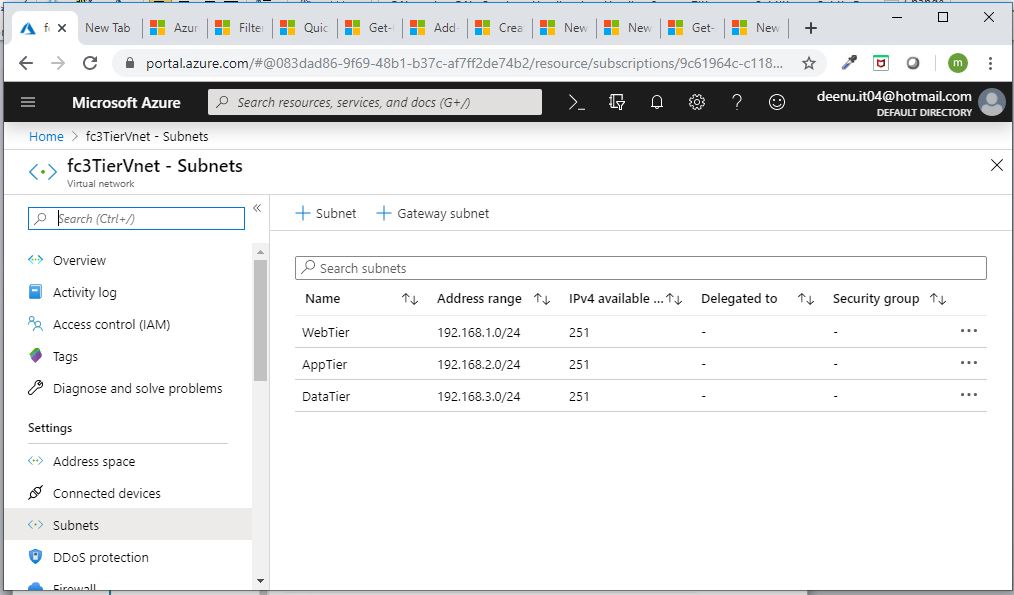


Step6: Create Subnet with name **DataTier** under **fc3TierVnet** and address space **192.168.3.0/24** in resource group **fc3TierVnetResourceGroup**.

1. Execute **04\_Vnet\_Configure\_DataTier\_Subnet.ps1** in Power Shell command line.

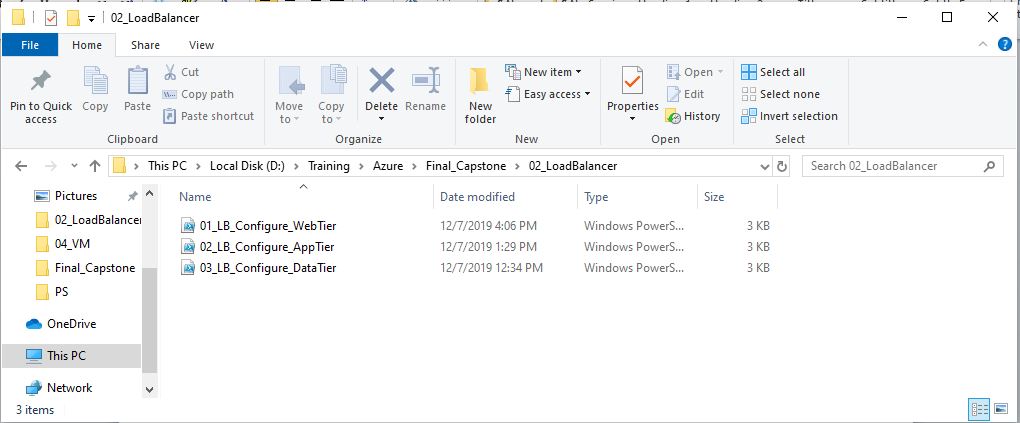


1. Verify the subnet in in Azure portal

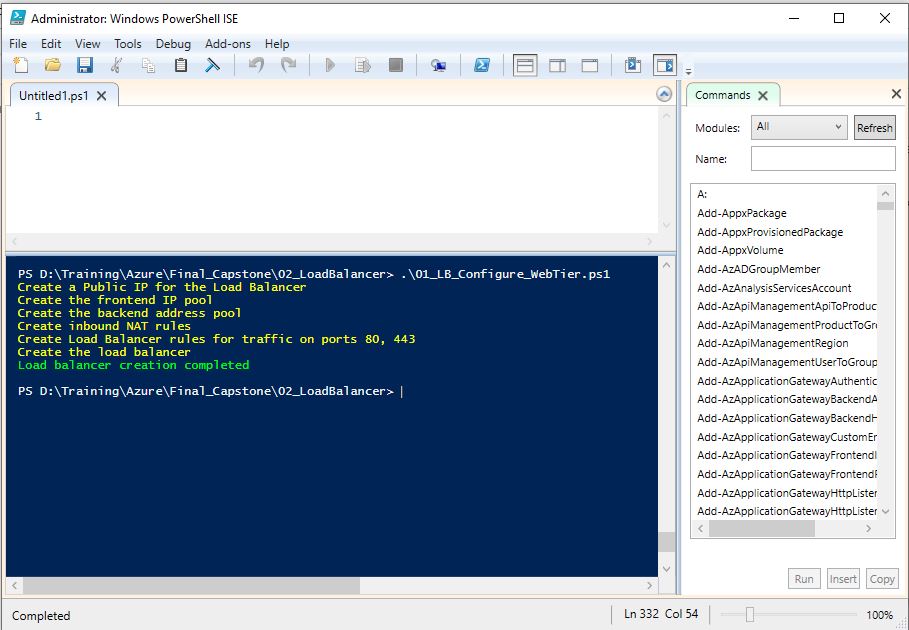


Step7: Create a public Load Balancer for web tier with name **fc3TierWebLoadBalancer** in resource group **fc3TierVnetResourceGroup**.

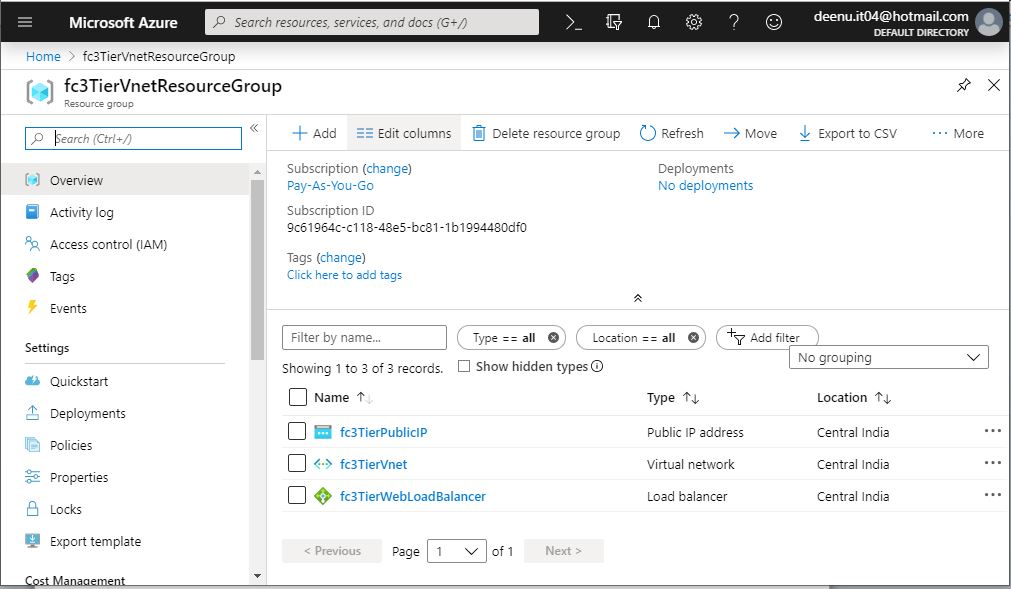
1. Go to folder **02\_LoadBalancer**

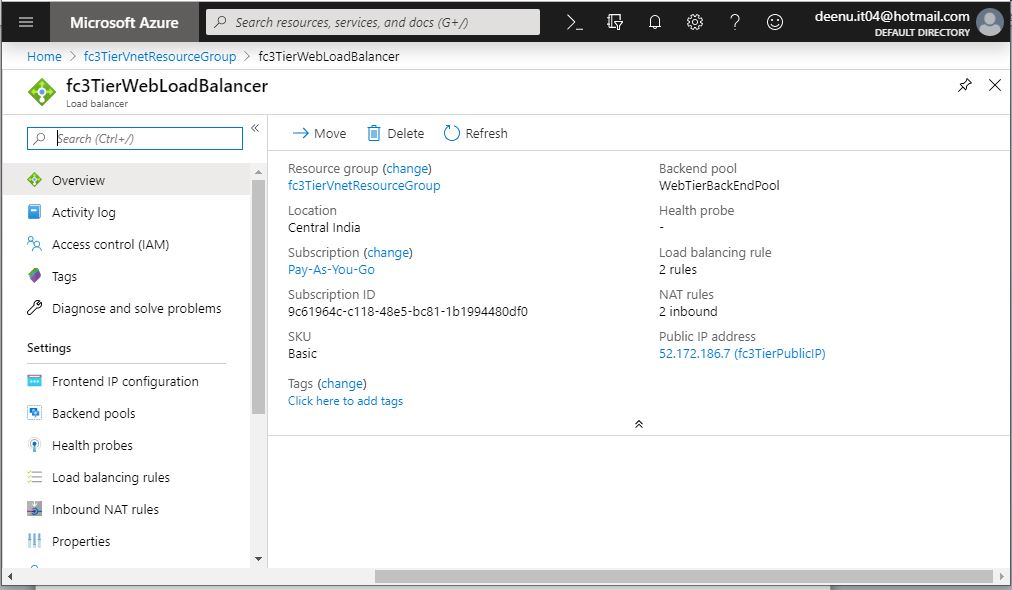


1. Execute **01\_LB\_Configure\_WebTier.ps1** in Power Shell command line.



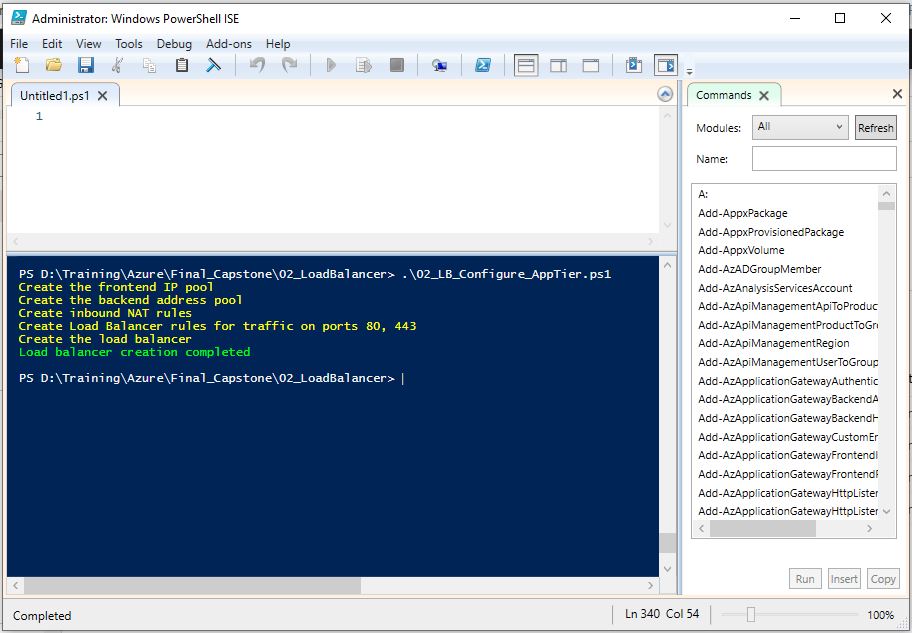
1. Verify the public IP and load balancer in Azure portal



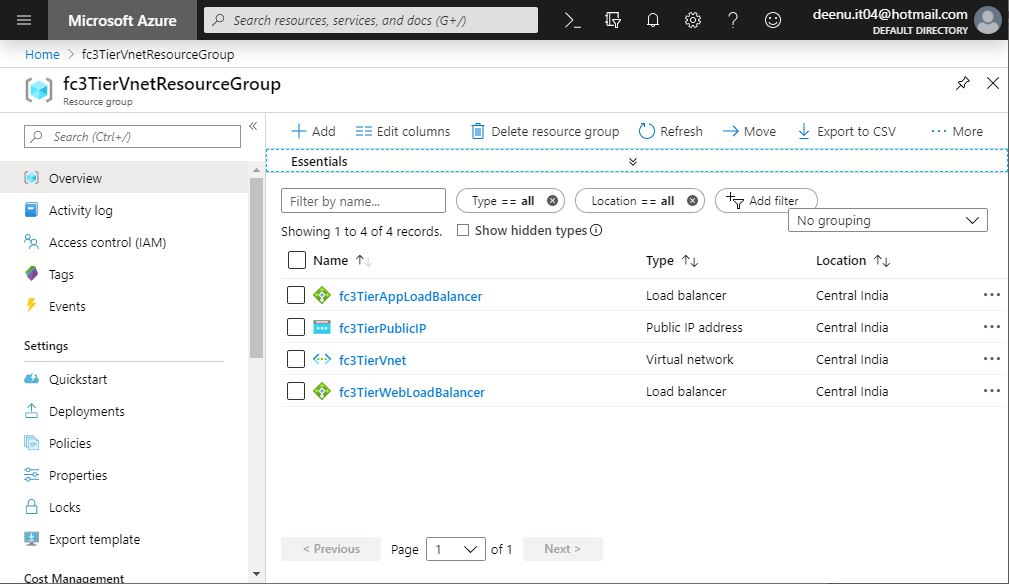


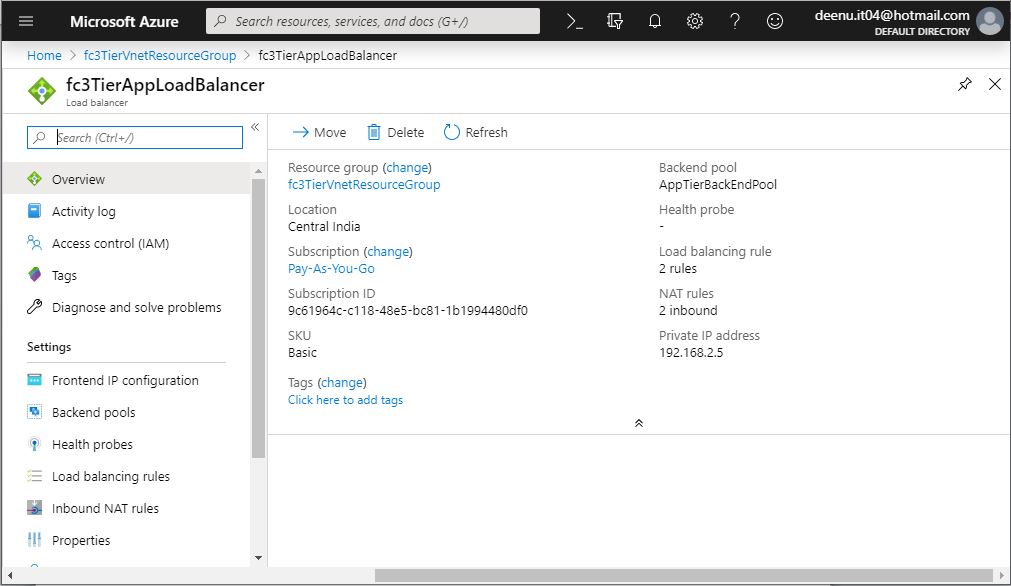
Step8: Create an internal Load Balancer for app tier with name **fc3TierAppLoadBalancer** in resource group **fc3TierVnetResourceGroup**.

1. Execute **02\_LB\_Configure\_AppTier.ps1** in Power Shell command line.



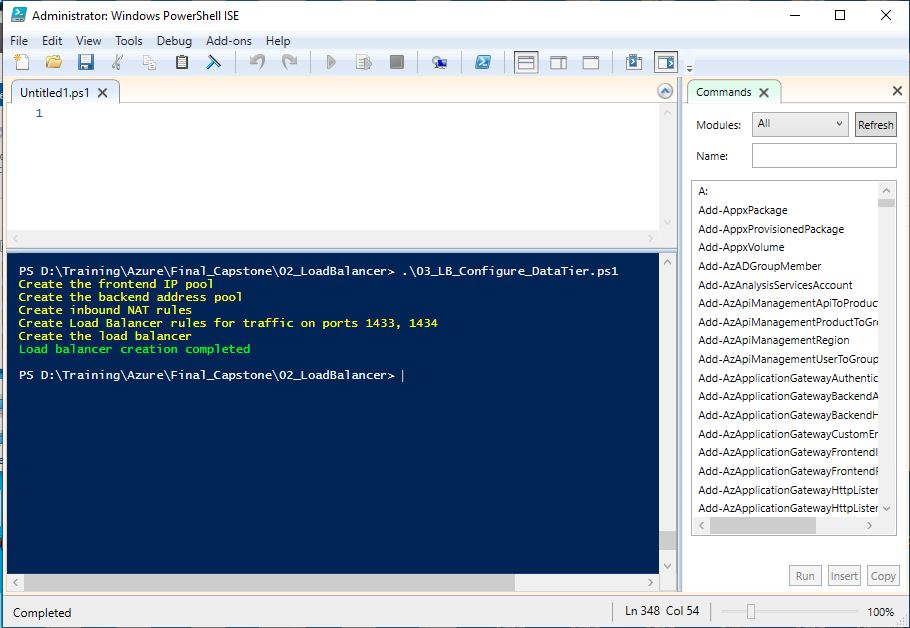
1. Verify the load balancer in Azure portal



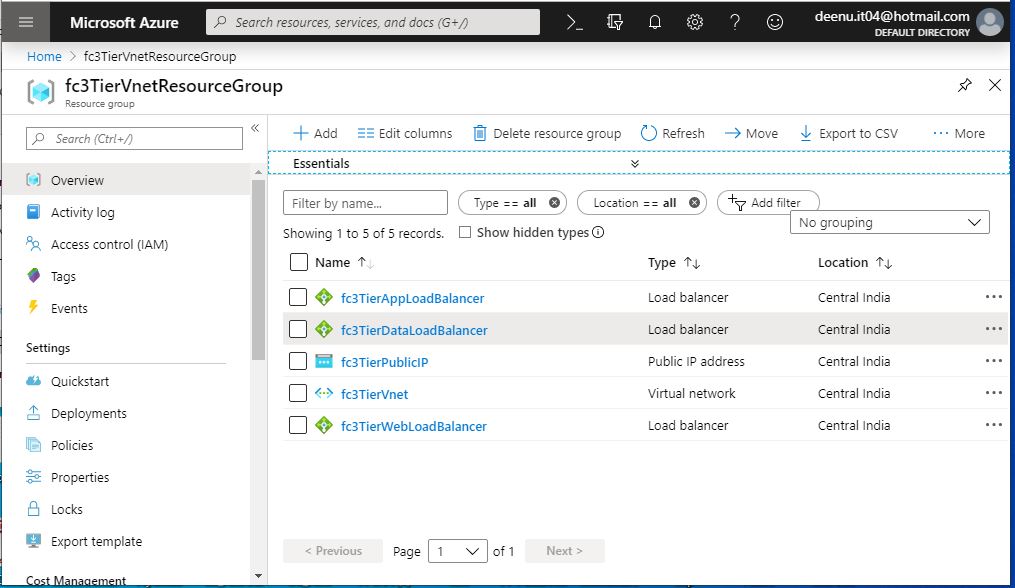


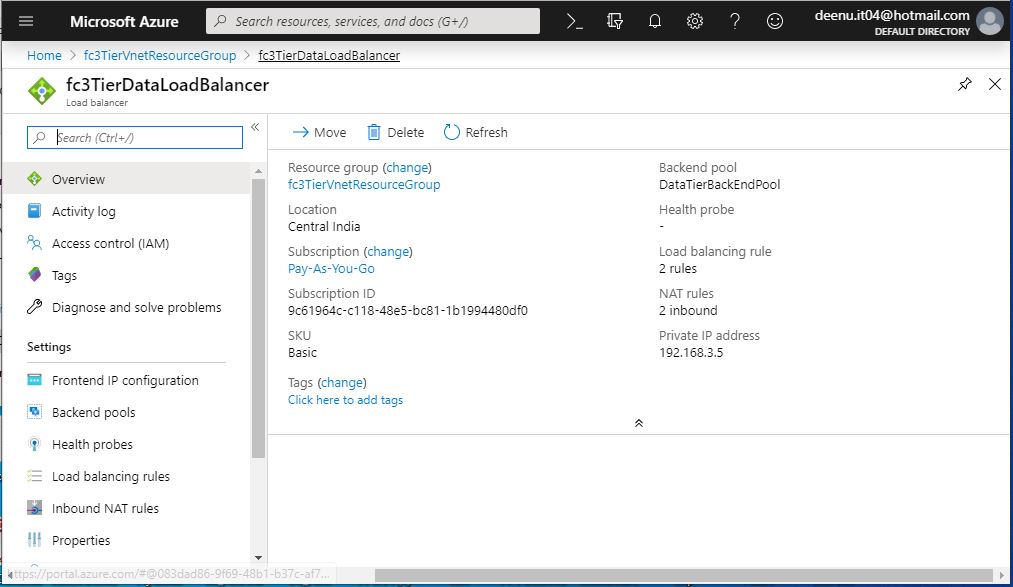
Step9: Create an internal Load Balancer for app tier with name **fc3TierDataLoadBalancer** in resource group **fc3TierVnetResourceGroup**.

1. Execute **03\_LB\_Configure\_DataTier.ps1** in Power Shell command line.



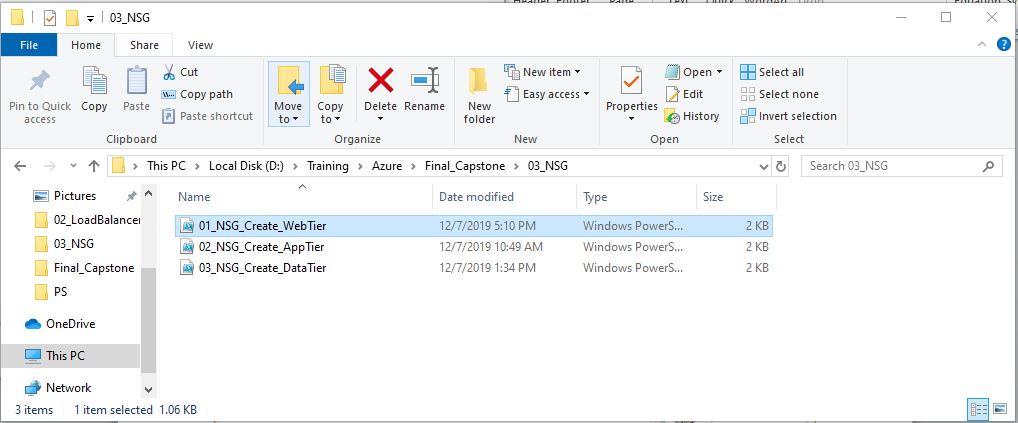
1. Verify the load balancer in Azure portal



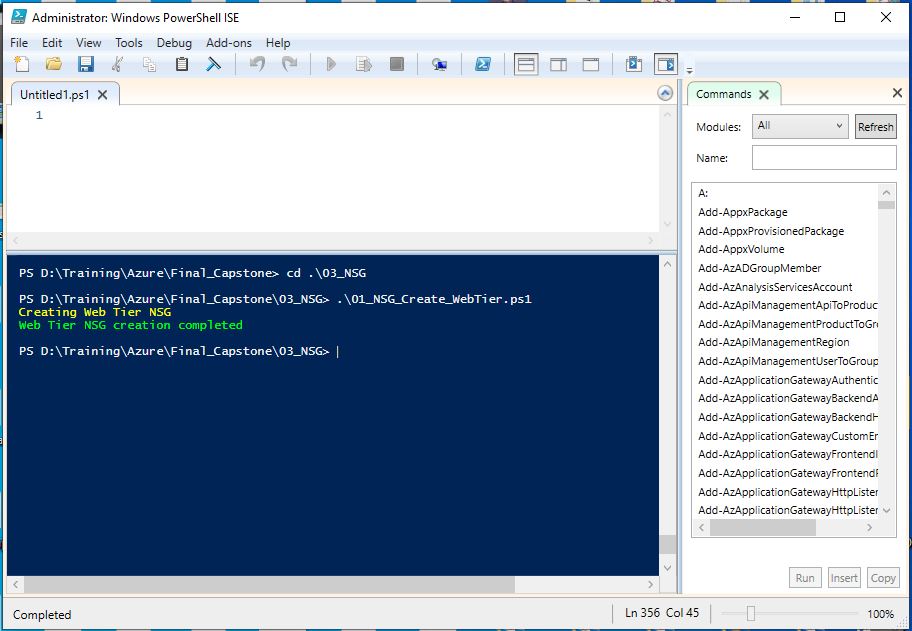


Step10: Create NSG for web tier with name **fcWebTierNsg** in resource group **fc3TierVnetResourceGroup**.

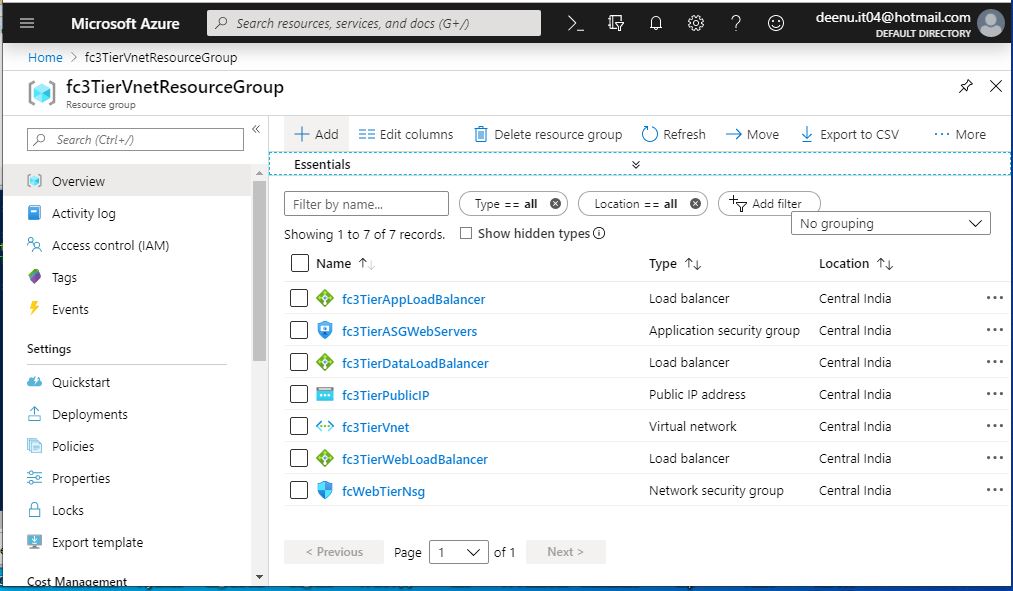
1. Go to folder **03\_NSG**

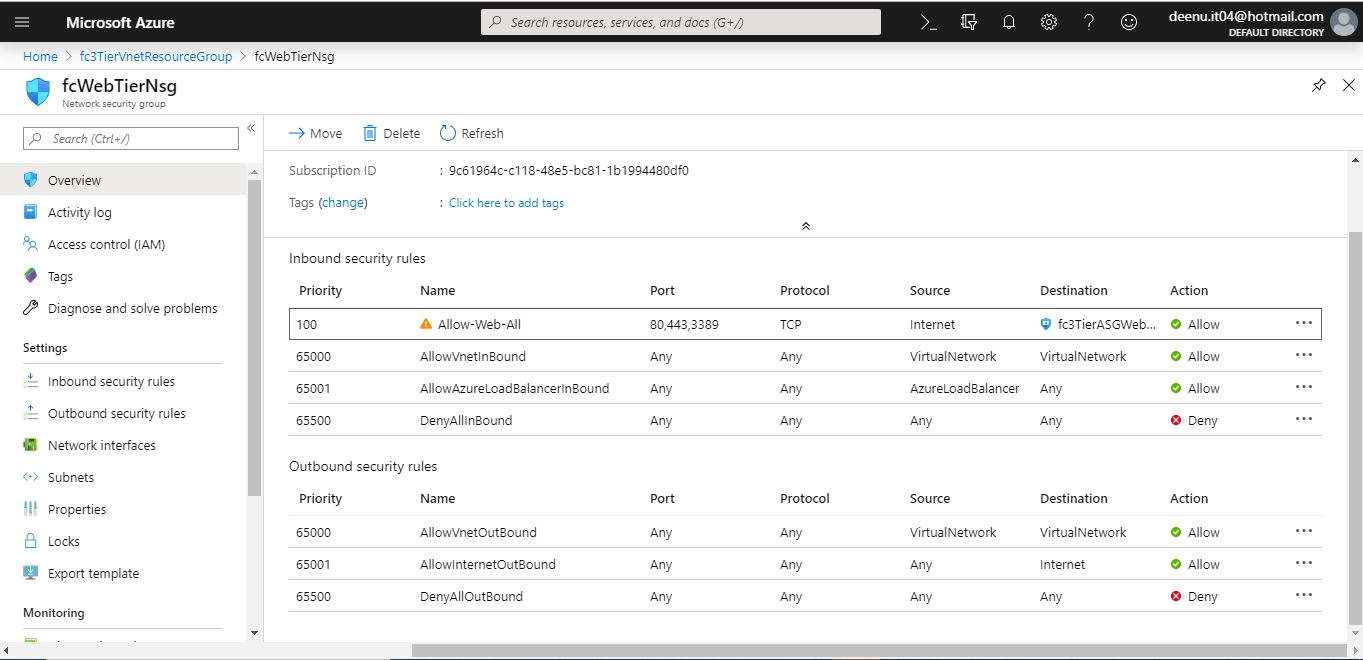


1. Execute **01\_NSG\_Create\_WebTier.ps1** in Power Shell command line.



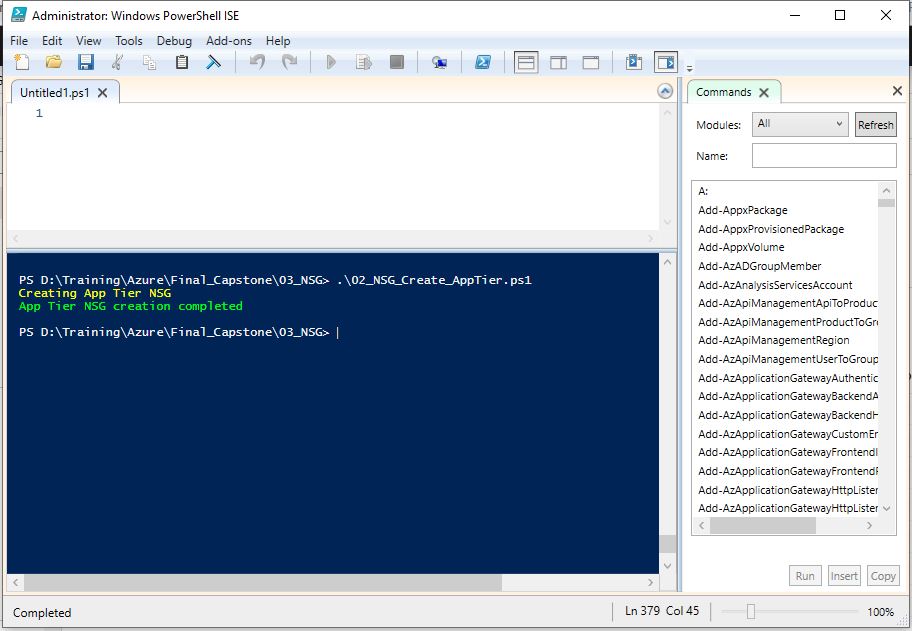
1. Verify NSG in Azure portal



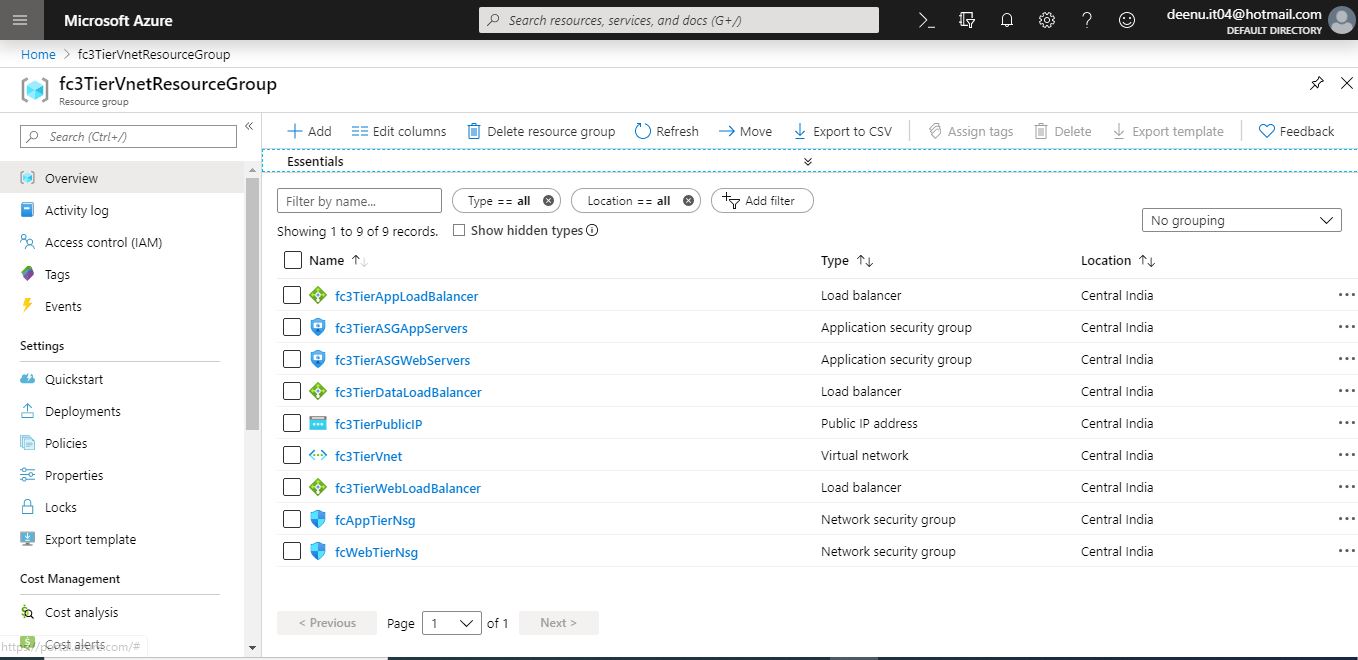


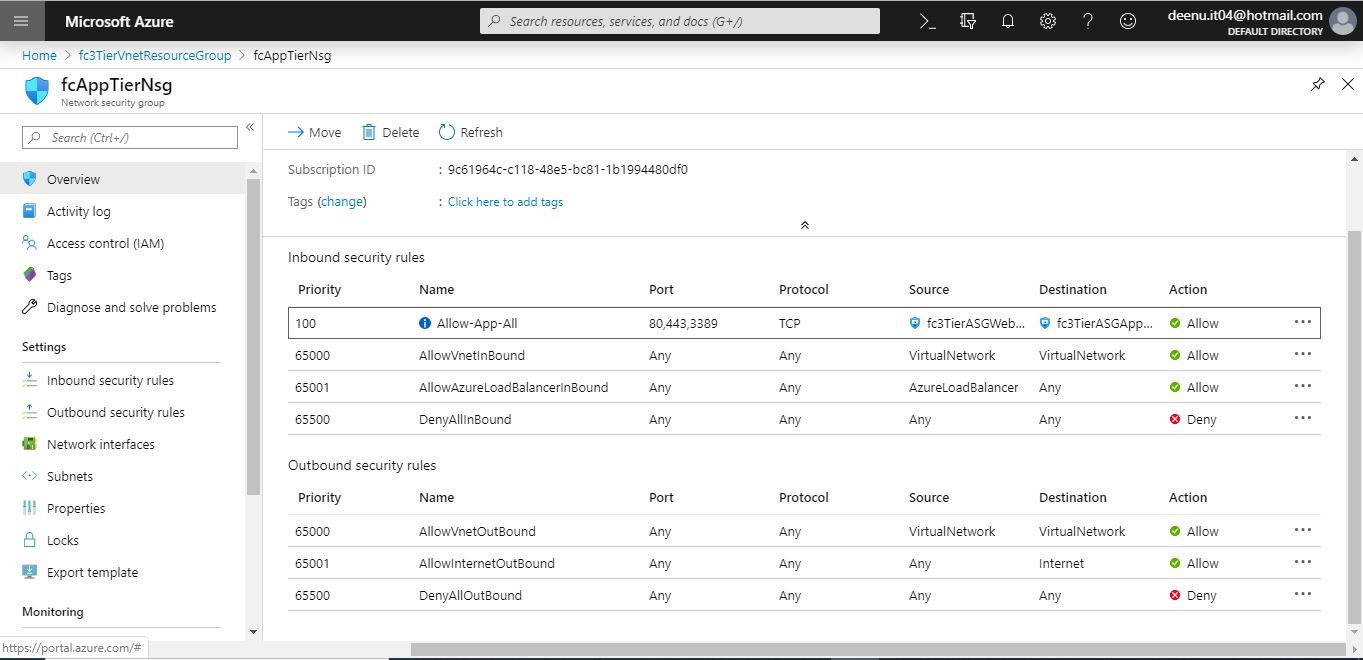
Step11: Create NSG for web tier with name **fcAppTierNsg** in resource group **fc3TierVnetResourceGroup**.

1. Execute **02\_NSG\_Create\_AppTier.ps1** in Power Shell command line.



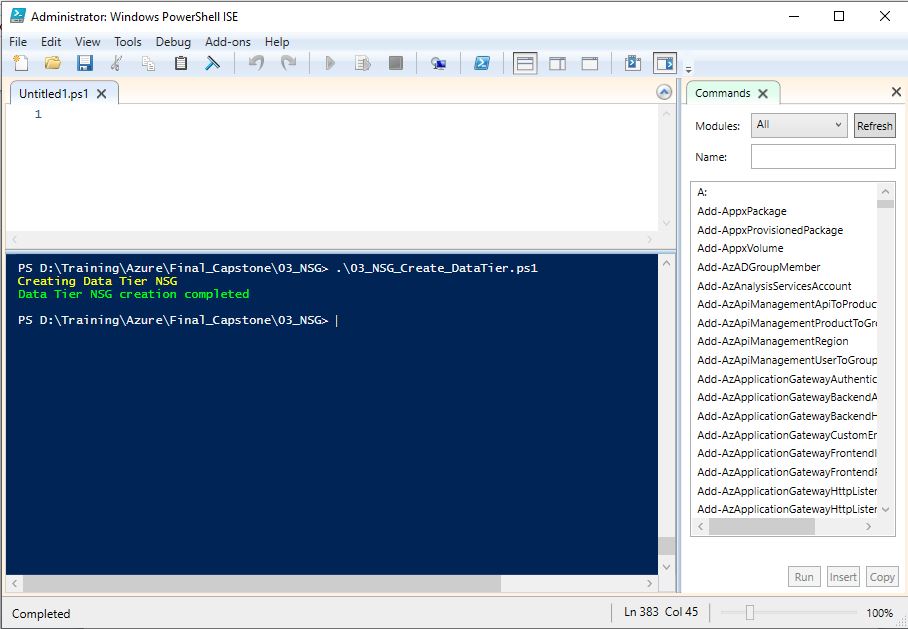
1. Verify NSG in Azure portal





Step12: Create NSG for web tier with name **fcDataTierNsg** in resource group **fc3TierVnetResourceGroup**.

1. Execute **02\_NSG\_Create\_DataTier.ps1** in Power Shell command line.



1. Verify NSG in Azure portal

