

## **Create Azure NSG & Map to Subnet (Portal)**

### **(LAB-103-04-05)**

#### **Part A: Create Azure Virtual Network**

1. Refer the LAB-103-04-01

#### **Part B: Create NSG**

1. In the top-left corner of the portal, select **+ Create a resource**.
2. Select Networking, then select **network security group**.
3. Enter a Name for the network security group,
  - a. Name: Provide NSG Name **NSGLAB1030405**
  - b. Subscription: Select your default subscription
  - c. Resource group: Create new resource group **RG-103-04-05**
  - d. Location: Select **EAST US**
4. Select **Create**

#### **Part C: Configure Firewall Rule**

1. Go to the left side, select the resource group
2. Open **RG-103-04-05** resource group
3. Open the **NSGLAB1030405** NSG
4. Select **Outbound security rules** under settings
5. Select Add & provide below details.
  - a. Source: **Virtual Network**
  - b. Source Port Range: **\***
  - c. Destination: **Service Tag**
  - d. Destination Service Tag: **Internet**
  - e. Destination Port Range: **\***
  - f. Protocol: **Any**

- g. Action: **Deny**
- h. Priority: **100**
- i. Name: **Deny-AllInternet**

6. Select **Add**

#### **Part D: Map your NSG to Subnet**

1. Go to left side & select **VirtualNetwork01** virtual network
2. Open Virtual Network **VirtualNetwork01**
3. Go to the subnet under settings
4. Select **PrivateSubnet02**
5. Go to network security group & select **NSGLAB1030405** NSG
6. Select **Save**

#### **Part E: Access your Internet from**

1. Now, we can perform a test by opening an Internet from **vm02-1030401** virtual machine