#!/bin/bash

echo "Running the script now..!!"

echo "Creating Azure Resource Group"

az group create -l eastus -n AZUREB8

echo "Creating Azure Virtual Network"

az network vnet create -g AZUREB8 -n AZUREB8-vNET1 --address-prefix 10.1.0.0/16 \

--subnet-name AZUREB8-Subnet-1 --subnet-prefix 10.1.1.0/24 -l eastus

az network vnet create -g AZUREB8 -n AZUREB8-WEST-vNET1 --address-prefix 10.2.0.0/16 \

--subnet-name AZUREB8-WEST-Subnet-1 --subnet-prefix 10.2.1.0/24 -l westus

echo "Creating Azure Subnets"

az network vnet subnet create -g AZUREB8 --vnet-name AZUREB8-vNET1 -n AZUREB8-Subnet-2 \

--address-prefixes 10.1.2.0/24

az network vnet subnet create -g AZUREB8 --vnet-name AZUREB8-vNET1 -n AZUREB8-Subnet-3 \

--address-prefixes 10.1.3.0/24

echo "Creating Azure NSG & Rules"

az network nsg create -g AZUREB8 -n AZUREB8\_NSG1

az network nsg rule create -g AZUREB8 --nsg-name AZUREB8\_NSG1 -n AZUREB8\_NSG1\_RULE1 --priority 100 \

--source-address-prefixes '\*' --source-port-ranges '\*' --destination-address-prefixes '\*' \

--destination-port-ranges '\*' --access Allow --protocol Tcp --description "Allowing All Traffic For Now"

echo "Creating Azure Availibility Set"

az vm availability-set create --name EAST-AVSET1 -g AZUREB8 --location eastus \

--platform-fault-domain-count 3 --platform-update-domain-count 5

az vm create --resource-group AZUREB8 --name AZUREB8TestVM1 --image UbuntuLTS --vnet-name AZUREB8-vNET1 \

--subnet AZUREB8-Subnet-1 --admin-username testuser --admin-password "India@123456" --size Standard\_B1s \

--availability-set EAST-AVSET1 --nsg AZUREB8\_NSG1 --custom-data cloud-init.txt

# az vm create --resource-group AZUREB8 --name AZUREB8TestVM2 --image UbuntuLTS --vnet-name AZUREB8-vNET1 \

# --subnet AZUREB8-Subnet-1 --admin-username testuser --admin-password "India@123456" --size Standard\_B1s \

# --availability-set EAST-AVSET1 --nsg AZUREB8\_NSG1

# az vm create --resource-group AZUREB8 --name AZUREB8TestVM3 --image UbuntuLTS --vnet-name AZUREB8-vNET1 \

# --subnet AZUREB8-Subnet-1 --admin-username testuser --admin-password "India@123456" --size Standard\_B1s \

# --availability-set EAST-AVSET1 --nsg AZUREB8\_NSG1

urn="MicrosoftWindowsServer:WindowsServer:2016-Datacenter-smalldisk:14393.3085.1907121547"

az vm create --resource-group AZUREB8 --name WINVM8GB --image $urn --vnet-name AZUREB8-vNET1 \

--subnet AZUREB8-Subnet-1 --admin-username adminsree --admin-password "India@123456" --size Standard\_B2ms \

--availability-set EAST-AVSET1 --nsg AZUREB8\_NSG1

#Creating vNET Peering with HUBRG

VNet1Id=$(az network vnet show --resource-group HUBRG --name HUBRG-vNET1 --query id --out tsv)

VNet2Id=$(az network vnet show --resource-group AZUREB8 --name AZUREB8-vNET1 --query id --out tsv)

az network vnet peering create -g HUBRG -n HUB-to-AZUREB8 --vnet-name HUBRG-vNET1 --remote-vnet $VNet2Id --allow-vnet-access

az network vnet peering create -g AZUREB8 -n AZUREB8-to-HUB --vnet-name AZUREB8-vNET1 --remote-vnet $VNet1Id --allow-vnet-access