- name: Creating RG in SEA Region

hosts: localhost

connection: local

tasks:

# Creating a Resource Group

- name: Create resource group

azure\_rm\_resourcegroup:

name: SEA-RG

location: southeastasia

register: rg

- name: Provide RG Details

debug:

msg: "The Resource Group {{ rg.state.name }} in the location {{ rg.state.location}}."

name: Creating RG in EUS Region

hosts: localhost

connection: local

tasks:

# Creating a Resource Group

- name: Create resource group

azure\_rm\_resourcegroup:

name: EUS-RG

location: eastus

register: rg

- name: Provide RG Details

debug:

msg: "The Resource Group {{ rg.state.name }} in the location {{ rg.state.location}}."

o/p: ansible-playbook rg.yml

**network**

**- name: Creating Network in SEA Region**

**hosts: localhost**

**connection: local**

**tasks:**

**# Creating a Virtual Network**

**- name: Create virtual network**

**azure\_rm\_virtualnetwork:**

**resource\_group: SEA-RG**

**name: vnet-SEA**

**address\_prefixes: "10.0.0.0/16"**

**# Create Subnets**

**## For Web**

**- name: Add subnet for web**

**azure\_rm\_subnet:**

**resource\_group: SEA-RG**

**name: SEAsubnet**

**address\_prefix: "10.0.1.0/24"**

**virtual\_network: vnet-sea**

**## For Jump**

**- name: Add subnet for jump**

**azure\_rm\_subnet:**

**resource\_group: SEA-RG**

**name: jumpsubnet**

**address\_prefix: "10.0.2.0/24"**

**virtual\_network: vnet-sea**

**- name: Creating Network in EUS Region**

**hosts: localhost**

**connection: local**

**tasks:**

**# Creating a Virtual Network**

**- name: Create virtual network**

**azure\_rm\_virtualnetwork:**

**resource\_group: SEA-RG**

**name: vnet-eus**

**address\_prefixes: "10.1.1.0/24"**

**# Create Subnets**

**## For Server11**

**- name: Add subnet for server11**

**azure\_rm\_subnet:**

**resource\_group: EUS-RG**

**name: eeussubnet**

**address\_prefix: "10.1.1.0/24"**

**virtual\_network: vnet-eus**

**vnet peering**

- name: Creating Network Peering from EUS Region

hosts: localhost

connection: local

tasks:

# Creating a Peering

- name: Create virtual network peering

azure\_rm\_virtualnetworkpeering:

resource\_group: EUS-RG

virtual\_network: vnet-eus

name: peer\_eus\_sea

remote\_virtual\_network:

resource\_group: SEA-RG

name: vnet-sea

allow\_virtual\_network\_access: true

allow\_forwarded\_traffic: true

- name: Creating Network Peering from SEA Region

hosts: localhost

connection: local

tasks:

# Creating a Peering

- name: Create reverse virtual network peering

azure\_rm\_virtualnetworkpeering:

resource\_group: SEA-RG

virtual\_network: seavnet

name: peer\_sea\_eus

remote\_virtual\_network:

resource\_group: EUS-RG

name: vent-eus

allow\_virtual\_network\_access: true

allow\_forwarded\_traffic: true

o/p:

anisble-playbook peering.yaml

availability set

- name: Creating Availability Set Resources in SEA Region

hosts: localhost

connection: local

tasks:

# Creating an Availability Set

- name: Create an availability set for managed disk vm

azure\_rm\_availabilityset:

name: sea-web-as1

resource\_group: sea-rg

platform\_update\_domain\_count: 2

platform\_fault\_domain\_count: 2

sku: Aligned

**storage accounts**

- name: Creating Storage Resources in SEA Region

hosts: localhost

connection: local

tasks:

# Creating an Storage Account

- name: Create a storage Account

azure\_rm\_storageaccount:

resource\_group: SEA-RG

name: seastorageact

type: Standard\_ZRS

- name: Creating Storage Resources in EUS Region

hosts: localhost

connection: local

tasks:

# Creating an Storage Account

- name: Create a storage Account

azure\_rm\_storageaccount:

resource\_group: EUS-RG

name: nileusstorage

type: Standard\_GRS