



Azure 103 Module 4

Hands On - 2

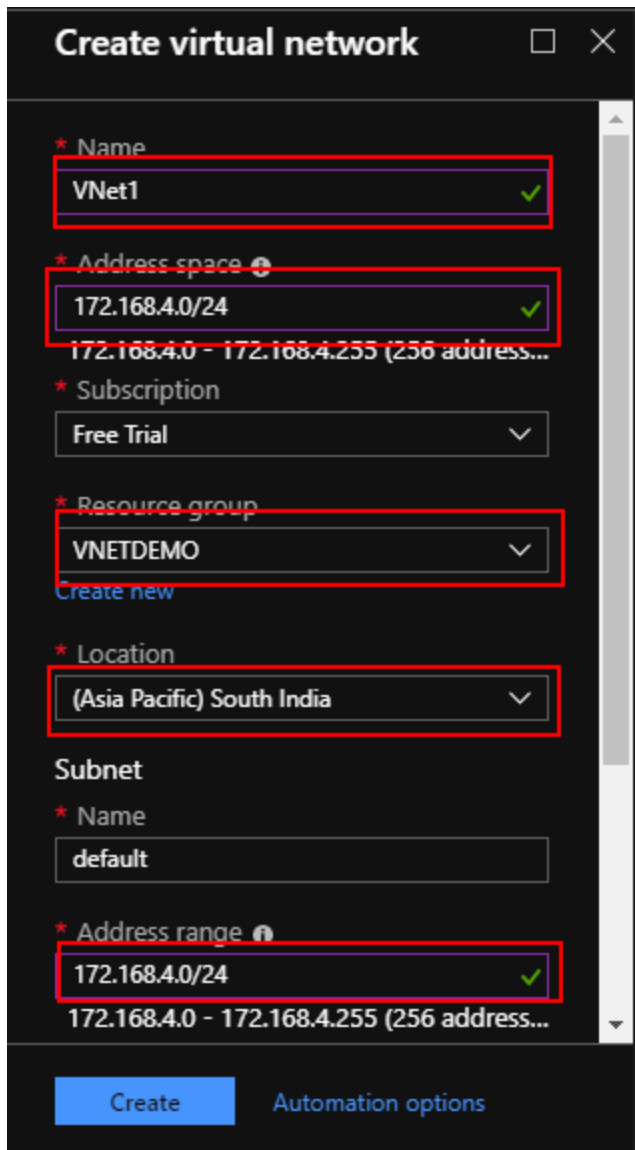
Azure Certification Training

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Azure 103 Module 4 . Hands On – 2

Create and configure VNet to VNet peering.

Step 1: Create Two VNets in the same region named VNet1 and VNet2.



Create virtual network

* Name
VNet1 ✓

* Address space ⓘ
172.168.4.0/24 ✓
172.168.4.0 - 172.168.4.255 (256 address...)

* Subscription
Free Trial ▼

* Resource group
VNETDEMO ▼
[Create new](#)

* Location
(Asia Pacific) South India ▼

Subnet

* Name
default

* Address range ⓘ
172.168.4.0/24 ✓
172.168.4.0 - 172.168.4.255 (256 address...)

[Create](#) [Automation options](#)

Create virtual network

Name

VNET2

Address space

172.168.10.0/24

172.168.10.0 - 172.168.10.255 (256 addre...

Subscription

Free Trial

Resource group

VNETDEMO

Create new

Location

(Asia Pacific) South India

Subnet

Name

default

Address range

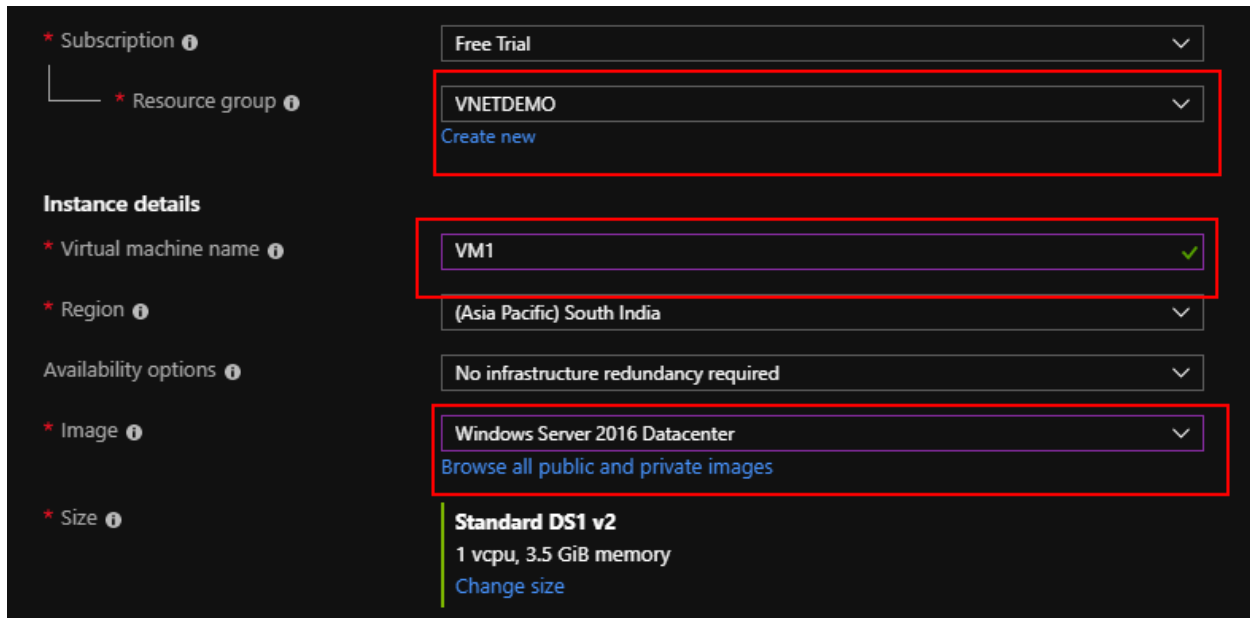
172.168.10.0/24

172.168.10.0 - 172.168.10.255 (256 addre...

Create

Automation options

Step 2: Create two virtual machines (Windows Datacenter 2016) named VM1 and VM2. One in each VNet created in step 1. Make sure to enable all protocols for connecting to VM's.



* Subscription ⓘ Free Trial

* Resource group ⓘ VNETDEMO
[Create new](#)

Instance details

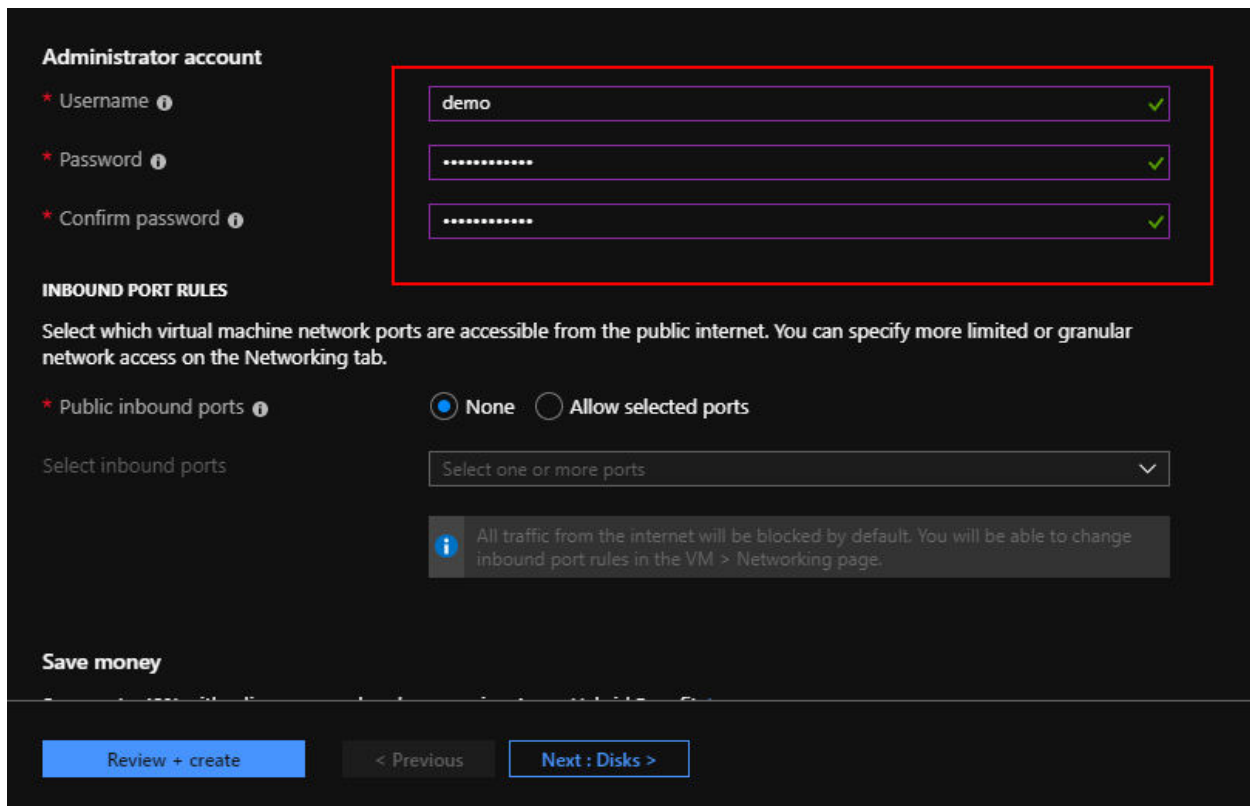
* Virtual machine name ⓘ VM1 ✓

* Region ⓘ (Asia Pacific) South India

Availability options ⓘ No infrastructure redundancy required

* Image ⓘ Windows Server 2016 Datacenter
[Browse all public and private images](#)

* Size ⓘ Standard DS1 v2
1 vcpu, 3.5 GiB memory
[Change size](#)



Administrator account

* Username ⓘ demo ✓

* Password ⓘ ✓

* Confirm password ⓘ ✓

INBOUND PORT RULES

Select which virtual machine network ports are accessible from the public internet. You can specify more limited or granular network access on the Networking tab.

* Public inbound ports ⓘ ☒ None ☐ Allow selected ports

Select inbound ports

Save money


[Review + create](#) [< Previous](#) [Next : Disks >](#)

i All traffic from the internet will be blocked by default. You will be able to change inbound port rules in the VM > Networking page.

Network interface

When creating a virtual machine, a network interface will be created for you.

* Virtual network ⓘ	VNet1 Create new
* Subnet ⓘ	default (172.168.4.0/24) Manage subnet configuration
Public IP ⓘ	(new) VM1ip109 Create new
NIC network security group ⓘ	<input type="radio"/> None <input checked="" type="radio"/> Basic <input type="radio"/> Advanced
* Public inbound ports ⓘ	<input type="radio"/> None <input checked="" type="radio"/> Allow selected ports
* Select inbound ports	HTTP, HTTPS, SSH, RDP

 These ports will be exposed to the internet. Use the Advanced configuration to restrict inbound traffic to known IP addresses. You can also update inbound ports later.

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[< Previous](#)
[Next : Management >](#)

[Click Here](#)

✓ Validation passed

Basics Disks Networking Management Advanced Tags **Review + create**

PRODUCT DETAILS

Standard DS1 v2
by Microsoft
[Terms of use](#) | [Privacy policy](#)

Subscription credits apply ⓘ
8.5925 INR/hr
[Pricing for other VM sizes](#)

TERMS

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering, authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same bill as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party. [Azure Marketplace Terms](#) for additional details.

Basics

Subscription: Free Trial
Resource group: VNFDDEMO

Click Here → **Create** < Previous Next > [Download a template for automation](#)

Step 3: Open Virtual Network and click on VNet1.

Virtual networks
Default Directory

+ Add Edit columns Refresh Assign tags

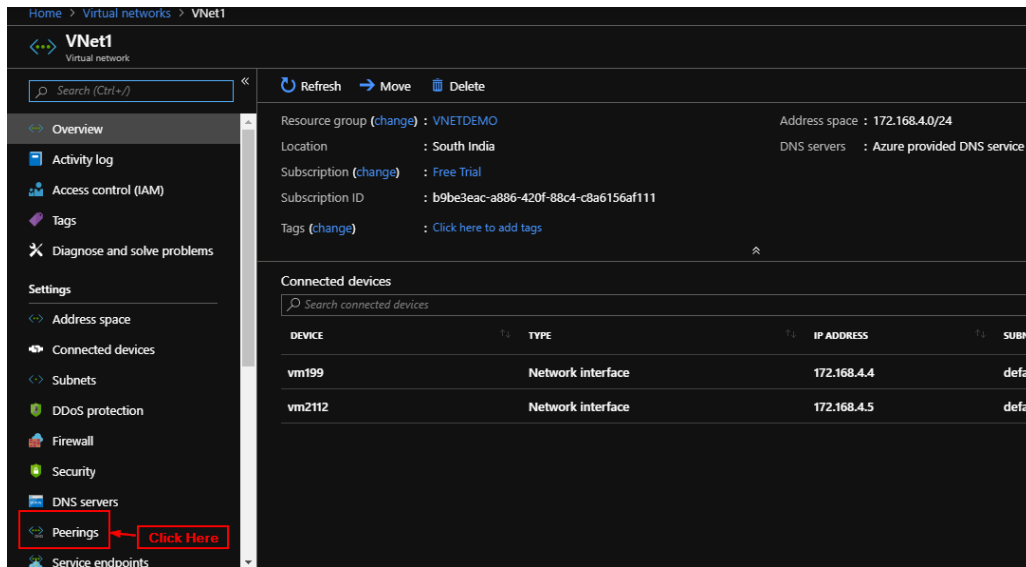
Subscriptions: Free Trial

Filter by name... All resource groups All locations All tags No grouping

3 items

NAME	RESOURCE GROUP	LOCATION	SUBSCRIPTION
demo1-vnet	demo1	West US	Free Trial
Click Here → VNet1	VNFDDEMO	South India	Free Trial
VNET2	VNFDDEMO	South India	Free Trial

Step 4: From the sidebar select Peerings.



Home > Virtual networks > VNet1

VNet1
Virtual network

Search (Ctrl+F)

Refresh Move Delete

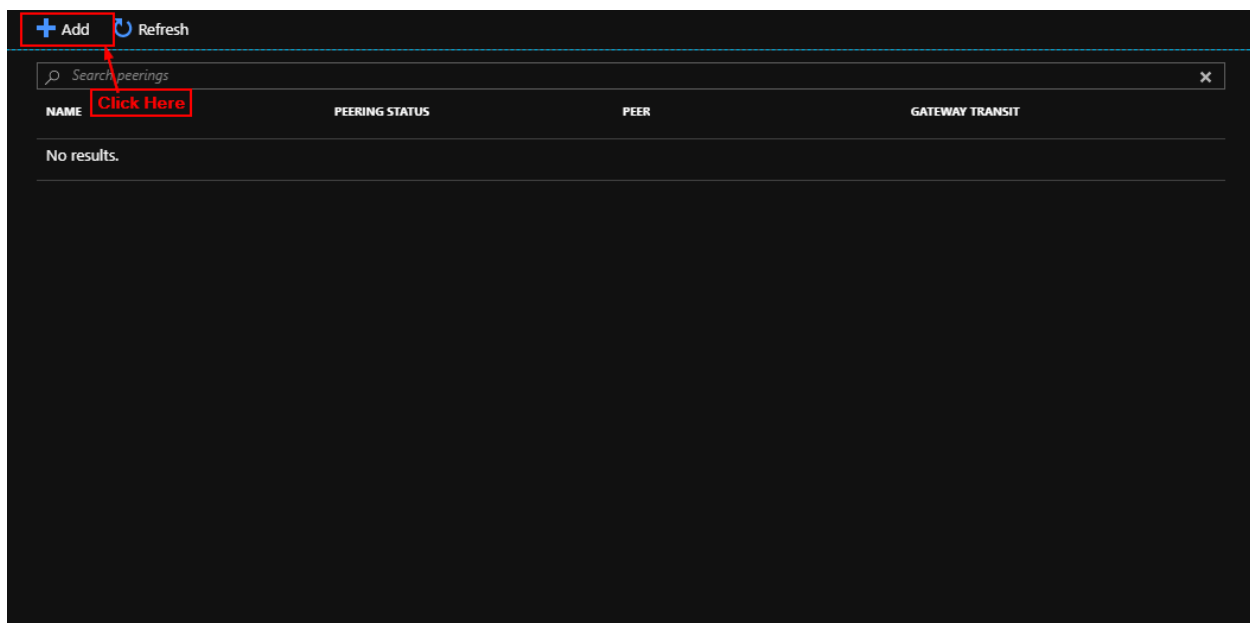
Resource group (change) : VNEDEMO Address space : 172.168.4.0/24
Location : South India DNS servers : Azure provided DNS service
Subscription (change) : Free Trial
Subscription ID : b9be3eac-a886-420f-88c4-c8a6156af111
Tags (change) : Click here to add tags

Connected devices

Search connected devices

DEVICE	TYPE	IP ADDRESS	SUBNET
vm199	Network interface	172.168.4.4	default
vm2112	Network interface	172.168.4.5	default

Step 5: Click on add.



+ Add Refresh

Search peerings

NAME	PEERING STATUS	PEER	GATEWAY TRANSIT
No results.			

Step 6: Enter Details add names to both peering from VNET1 to VNET2 and VNET2 to VNET1 and click on OK.

Add peering
VNet1

For peering to work, a peering link must be created from VNet1 to VNet2 as well as from VNet2 to VNet1.

* Name of the peering from VNet1 to VNet2
VNET1TOVNET2 ✓

Peer details
Virtual network deployment model
☒ Resource manager ☐ Classic
☐ I know my resource ID

* Subscription
Free Trial

* Virtual network
VNET2 (VNETDEMO)

* Name of the peering from VNet2 to VNet1
VNET2TOVNET1 ✓

Configuration
Configure virtual network access settings

OK Click here

Step 7: Two Peerings (Bi Directional) will be added (Check in both VNET1 and VNET2).

+ Add Refresh

Search peerings

NAME	PEERING STATUS	PEER	GATEWAY TRANSIT
VNET1TOVNET2	Connected	VNET2	Disabled

Click Here