

## DESCRIPTION

OSS Corporation is a globally distributed firm. They have their headquarters in the **East US** with another branch office in the **WEST US**. Currently, they are working on a project and decided that the application tier of this project will reside in one of its branch regions. For security reasons, OSS Corporation management is adamant on keeping their data tier in the headquarter region.

### Background of the problem statement:

As an organization, they are open to suggestions and are currently evaluating Azure as a deployment platform. To prepare for the deployment of IaaS **Standard\_B1ms**, OSS Corporation must deploy an IaaS v2 virtual network in the headquarters region for its database. But for the application, it should create another IaaS v2 virtual network in the branch region. In addition, because the communication between App and data should happen over a private channel, one needs to prepare their branch office virtual network for establishing connectivity to the headquarter's IaaS v2 virtual network by creating a virtual network gateway and deploy a test IaaS **Standard\_B1ms** VM to the virtual networks for verifying the connection.

After the deployment team ensures the connectivity between both the networks, you can validate the same using Ping.

### Following requirements should be met:

- Create virtual networks in the aforementioned region
- Create test virtual machines in both the virtual networks
- Establish the connectivity between both the networks via VNet peering
- Ensure connectivity is established properly

## Create a First Virtual Network in East US Region (Head Quarters)

Vnet Name: Vnet1

Vnet1 CIDR : 10.0.0.0/16

Subnet Name: Subnet1

Subnet1 CIDR: 10.0.0.0/24

Resource Group Name: HQ\_Rg

Location: East US

[Home](#) >

## Virtual networks ...





virtualvemula (Default Directory)

[+ Add](#) [Manage view](#)  [Refresh](#)  [Export to CSV](#)  [Open query](#)  [Assign tags](#)  [Feedback](#) 

Filter for any field...

Subscription == all

Resource group == all 

Location == all 


 Add filter

Showing 0 to 0 of 0 records.


No grouping 

List view 

Name 

Resource group 

Location 

Subscription 



No virtual networks to display

Create a virtual network to securely connect your Azure resources to each other. Connect your virtual network to your on-premises network using an Azure VPN Gateway or ExpressRoute.

[Learn more](#) 

Create virtual network

# Create virtual network ...

- Basics
- IP Addresses
- Security
- Tags
- Review + create

Azure Virtual Network (VNet) is the fundamental building block for your private network in Azure. VNet enables many types of Azure resources, such as Azure Virtual Machines (VM), to securely communicate with each other, the internet, and on-premises networks. VNet is similar to a traditional network that you'd operate in your own data center, but brings with it additional benefits of Azure's infrastructure such as scale, availability, and isolation. [Learn more about virtual network](#)

### Project details

Subscription \* ⓘ

MSDN Platforms Subscription

Resource group \* ⓘ

HQ\_RG

Create new

### Instance details

Name \*

vnet1

Region \*

(US) East US

Search resources, services, and docs (G+J)

Home > Virtual networks >

Create virtual network

Basics

IP Addresses

Security

Tags

Review + create

The virtual network's address space, specified as one or more address prefixes in CIDR notation (e.g. 192.168.1.0/24).

IPv4 address space

10.0.0.0/1610.0.0.0 - 10.0.255.255 (65536 addresses)

☐

Add IPv6 address space

The subnet's address range in CIDR notation (e.g. 192.168.1.0/24). It must be contained by the address space of the virtual network.

+ Add subnet

Remove subnet

<input type="checkbox"/> Subnet name	Subnet address range
<input type="checkbox"/> subnet1	10.0.0.0/24

Review + create

< Previous

Next : Security >

Download a template for automation

Edit subnet

Subnet name \*

subnet1

Subnet address range \* ⓘ

10.0.0.0/24

10.0.0.0 - 10.0.0.255 (251 + 5 Azure reserved addresses)

SERVICE ENDPOINTS

Create service endpoint policies to allow traffic to specific azure resources from your virtual network over service endpoints. [Learn more](#)

Services ⓘ

0 selected

Save

Cancel

Home > Virtual networks >

Create virtual network

BasicsIP AddressesSecurityTagsReview + create

The virtual network's address space, specified as one or more address prefixes in CIDR notation (e.g. 192.168.1.0/24).

IPv4 address space

10.0.0.0/1610.0.0.0 - 10.0.255.255 (65536 addresses)

☐ Add IPv6 address space

The subnet's address range in CIDR notation (e.g. 192.168.1.0/24). It must be contained by the address space of the virtual network.

+ Add subnet

Remove subnet

<input type="checkbox"/> Subnet name	Subnet address range
<input type="checkbox"/> subnet1	10.0.0.0/24

Review + create

< Previous

Next : Security >

Download a template for automation

# Create virtual network ...

Basics   IP Addresses   Security   Tags   Review + create

BastionHost ⓘ ☒ Disable  
☐ Enable

DDoS Protection Standard ⓘ ☒ Disable  
☐ Enable

Firewall ⓘ ☒ Disable  
☐ Enable

Review + create

< Previous

Next : Tags >

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# Create virtual network ...

Basics   IP Addresses   Security   **Tags**   Review + create

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more about tags](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name ⓘ		Value ⓘ
<input type="text"/>	:	<input type="text"/>

Review + create

< Previous

Next : Review + create >

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# Create virtual network ...

 Validation passed

- Basics
- IP Addresses
- Security
- tags
- Review + create

## Basics

Subscription	MSDN Platforms Subscription
Resource group	HQ_RG
Name	vnet1
Region	East US

## IP addresses

Address space	10.0.0.0/16
Subnet	subnet1 (10.0.0.0/24)

## Tags

None

## Security

BastionHost	Disabled
DDoS protection plan	Basic
Firewall	Disabled

Create



< Previous

Next >





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Home >


 **Microsoft.VirtualNetwork-20210410171014** | Overview  ...


Deployment


Search (Ctrl+/) <<  Delete  Cancel  Redeploy  Refresh


 Overview


 Inputs

 Outputs

 Template

 We'd love your feedback! →

 **Your deployment is complete**

 Deployment name: Microsoft.VirtualNetwork-20210410171014 Start time: 4/10/2021, 5:13:10 PM  
Subscription: [MSDN Platforms Subscription](#) Correlation ID: 384e448b-54aa-4e85-8fc7-4e5c6f94f4bc  
Resource group: [HQ\\_RG](#)

▼ Deployment details ([Download](#))

^ Next steps

[Go to resource](#)

Virtual Network Vnet1 with Subnet1 is created in Headquarters (East US) Region

## Create a Second Virtual Network in West US Region (Branch Office)

Vnet Name: Vnet2

Resource Group Name: BO\_Rg

Location: West US

Vnet1 CIDR : 10.5.0.0/16

Subnet Name: Subnet1

Subnet1 CIDR: 10.5.0.0/24



## Create virtual network ...

**Basics** IP Addresses Security Tags Review + create

Azure Virtual Network (VNet) is the fundamental building block for your private network in Azure. VNet enables many types of Azure resources, such as Azure Virtual Machines (VM), to securely communicate with each other, the internet, and on-premises networks. VNet is similar to a traditional network that you'd operate in your own data center, but brings with it additional benefits of Azure's infrastructure such as scale, availability, and isolation. [Learn more about virtual network](#)

### Project details

Subscription \* ⓘ

MSDN Platforms Subscription ▼



Resource group \* ⓘ

(New) BO\_Rg ▼

[Create new](#)

### Instance details

Name \*

Vnet2 ✓

Region \*

(US) West US ▼

[Review + create](#)

[< Previous](#)

[Next : IP Addresses >](#)

[Download a template for automation](#)

## Create virtual network

Basics IP Addresses Security Tags Review + create

The virtual network's address space, specified as one or more address prefixes in CIDR notation (e.g. 192.168.1.0/24).

### IPv4 address space

10.5.0.0/16 ✓

☐ Add IPv6 address space ⓘ

The subnet's address range in CIDR notation (e.g. 192.168.1.0/24). It must be contained by the address space of the virtual network.

+ Add subnet Remove subnet

Subnet name

Subnet address range

This virtual network doesn't have any subnets.

✗ This virtual network doesn't have any subnets.

Review + create

< Previous

Next : Security >

[Download a template for automation](#)

## Add subnet

Subnet name \*

subnet2 ✓

Subnet address range \* ⓘ

10.5.0.0/24 ✓

10.5.0.0 - 10.5.0.255 (251 + 5 Azure reserved addresses)

### SERVICE ENDPOINTS

Create service endpoint policies to allow traffic to specific azure resources from your virtual network over service endpoints. [Learn more](#)

Services ⓘ

0 selected ▼

Add

Cancel

>> **Create virtual network** ...

Basics IP Addresses Security Tags Review + create

The virtual network's address space, specified as one or more address prefixes in CIDR notation (e.g. 192.168.1.0/24).

IPv4 address space

10.5.0.0/16

✓

☐ Add IPv6 address space ⓘ

The subnet's address range in CIDR notation (e.g. 192.168.1.0/24). It must be contained by the address space of the virtual network.

[+](#) Add subnet [🗑](#) Remove subnet

<input type="checkbox"/> Subnet name	Subnet address range
<input type="checkbox"/> subnet2	10.5.0.0/24

Review + create

< Previous

Next : Security >

[Download a template for automation](#)

## » Create virtual network ...

Basics IP Addresses **Security** Tags Review + create

BastionHost ⓘ ☒ Disable  
☐ Enable

DDoS Protection Standard ⓘ ☒ Disable  
☐ Enable

Firewall ⓘ ☒ Disable  
☐ Enable

**Review + create**

[< Previous](#)

[Next : Tags >](#)

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[Home](#) > [Virtual networks](#) >



## Create virtual network ...

[Basics](#) [IP Addresses](#) [Security](#) **[Tags](#)** [Review + create](#)

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more about tags](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name

Value

:

[Review + create](#)

[< Previous](#)

[Next : Review + create >](#)

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# Create virtual network ...

Validation passed

- Basics
- IP Addresses
- Security
- Tags
- Review + create

Basics

Subscription	MSDN Platforms Subscription
Resource group	(new) BO_Rg
Name	Vnet2
Region	West US

IP addresses

Address space	10.5.0.0/16
Subnet	subnet2 (10.5.0.0/24)

Tags

None

Security

BastionHost	Disabled
DDoS protection plan	Basic
Firewall	Disabled



Create

< Previous





Next >


[Download a template for automation](#)


[Home](#) >


 **Microsoft.VirtualNetwork-20210410171432** | Overview  ...


Deployment

Search (Ctrl+/) <<  Delete  Cancel  Redeploy  Refresh


 Overview


 Inputs

 Outputs

 Template

We'd love your feedback! →

 **Your deployment is complete**

 Deployment name: Microsoft.VirtualNetwork-20210410171432 Start time: 4/10/2021, 5:17:21 PM  
Subscription: [MSDN Platforms Subscription](#) Correlation ID: 4f0c673f-55a2-4ad8-ac4b-b7c1ecf9f  
Resource group: [BO\\_Rg](#)

Deployment details [\(Download\)](#)

Next steps

[Go to resource](#)

## Create a Virtual Machine in East US Region (Head Quarters)

Virtual Machine Name: VM1

Resource Group : HQ\_Rg

Location: East US

OS Type: Windows 2016 Datacenter-Gen1

Instance Size: Standard\_B1ms

Virtual Network Name : Vnet1

Subnet Name : Subnet1



[Home](#) >

## Virtual machines ...

virtualvemula (Default Directory)

[+](#) Add [v](#) [↔](#) Switch to classic [🕒](#) Reservations [⚙️](#) Manage view [🔄](#) Refresh [↓](#) Export to CSV [🔗](#) Open query | [🏷️](#) Assign tags [▶️](#) Start [↺️](#) Restart [⏏️](#) Stop [🗑️](#) Delete

Filter for any field...

Subscription == all

Resource group == all [✕](#)

Location == all [✕](#)

[+🔍](#) Add filter

Showing 0 to 0 of 0 records.

No grouping [v](#)

List view

Name [↑↓](#)

Subscription [↑↓](#)

Resource group [↑↓](#)

Location [↑↓](#)

Status [↑↓](#)

Operating system [↑↓](#)

Size [↑↓](#)

Public



No virtual machines to display

Create a virtual machine that runs Linux or Windows. Select an image from the marketplace or use your own customized image.

[Learn more about Windows virtual machines](#) [🔗](#) [Learn more about Linux virtual machines](#) [🔗](#)

## Create a virtual machine ...

image. Complete the Basics tab then Review + create to provision a virtual machine with default parameters or review each tab for full customization. [Learn more](#)

### Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ	MSDN Platforms Subscription
Resource group * ⓘ	HQ_RG

[Create new](#)

### Instance details

Virtual machine name * ⓘ	vm1
Region * ⓘ	(US) East US
Availability options ⓘ	No infrastructure redundancy required
Image * ⓘ	Windows Server 2016 Datacenter - Gen1

[See all images](#)

Azure Spot instance ⓘ	<input type="checkbox"/>
Size * ⓘ	Standard_B1ms - 1 vcpu, 2 GiB memory (₹1,088.68/month)

[See all sizes](#)

### Administrator account

[Review + create](#)

[< Previous](#)

[Next : Disks >](#)



## Create a virtual machine ...

### Administrator account

Username \* ⓘ

cloudadmin



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 \*

RDP (3389)



**This will allow all IP addresses to access your virtual machine.** This is only recommended for testing. Use the Advanced controls in the Networking tab to create rules to limit inbound traffic to known IP addresses.

### Licensing

Save up to 49% with a license you already own using Azure Hybrid Benefit. [Learn more](#)

Would you like to use an existing  
Windows Server license? \* ⓘ

☐

Review + create

< Previous

Next : Disks >

Home > Virtual machines >

Create a virtual machine ...

BasicsDisksNetworkingManagementAdvancedTagsReview + create

Azure VMs have one operating system disk and a temporary disk for short-term storage. You can attach additional data disks. The size of the VM determines the type of storage you can use and the number of data disks allowed. [Learn more](#)

Disk options

OS disk type \* ⓘPremium SSD

Encryption type \*Default Encryption at-rest with a platform-managed key

Enable Ultra Disk compatibility ⓘ☐  
Ultra disk is available only for Availability Zones in eastus.

Data disks

You can add and configure additional data disks for your virtual machine or attach existing disks. This VM also comes with a temporary disk.

LUN	Name	Size (GiB)	Disk type	Host caching
-----	------	------------	-----------	--------------

Create and attach a new diskAttach an existing disk

Advanced

Review + create

< Previous

Next : Networking >

Create a virtual machine - Micro x +

https://portal.azure.com/#create/Microsoft.VirtualMachine

Microsoft AzureSearch resources, services, and docs (G+/)

cs-user-3ccabc6e2f4a@...SIMPLILEARN SOLUTIONS PRIVA...

Home > Virtual machines >

Create a virtual machine ...

BasicsDisksNetworkingManagementAdvancedTagsReview + create

Azure VMs have one operating system disk and a temporary disk for short-term storage. You can attach additional data disks. The size of the VM determines the type of storage you can use and the number of data disks allowed. [Learn more](#)

Disk options

OS disk type \* ⓘPremium SSD (locally-redundant storage)

Encryption type \*Default Encryption at-rest with a platform-managed key

Enable Ultra Disk compatibility ⓘ☐  
Ultra disk is supported in Availability Zone(s) 1,2,3 for the selected VM size Standard\_B1ms.

Data disks

You can add and configure additional data disks for your virtual machine or attach existing disks. This VM also comes with a temporary disk.

LUN	Name	Size (GiB)	Disk type	Host caching
-----	------	------------	-----------	--------------

Create and attach a new diskAttach an existing disk

Review + create

< Previous

Next : Networking >



# Create a virtual machine ...

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

Define network connectivity for your virtual machine by configuring network interface card (NIC) settings. You can control ports, inbound and outbound connectivity with security group rules, or place behind an existing load balancing solution. [Learn more](#)

## Network interface

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

Virtual network \* ⓘ

vnet1

Create new

Subnet \* ⓘ

subnet1 (10.0.0.0/24)

Manage subnet configuration

Public IP ⓘ

(new) vm1-ip

Create new

NIC network security group ⓘ

☐ None

☒ Basic

☐ Advanced

Public inbound ports \* ⓘ

☐ None

☒ Allow selected ports

Select inbound ports \*

RDP (3389)

Review + create

< Previous

Next : Management >

»

## Create a virtual machine ...

Public IP ⓘ

(new) vm1-ip



[Create new](#)

NIC network security group ⓘ



None



Basic



Advanced

Public inbound ports \* ⓘ



None



Allow selected ports

Select inbound ports \*

RDP (3389)



**This will allow all IP addresses to access your virtual machine.** This is only recommended for testing. Use the Advanced controls in the Networking tab to create rules to limit inbound traffic to known IP addresses.

Accelerated networking ⓘ



The selected VM size does not support accelerated networking.

### Load balancing

You can place this virtual machine in the backend pool of an existing Azure load balancing solution. [Learn more](#)

Place this virtual machine behind an existing load balancing solution?



[Review + create](#)

[< Previous](#)

[Next : Management >](#)




## Create a virtual machine ...

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

Configure monitoring and management options for your VM.

### Azure Security Center

Azure Security Center provides unified security management and advanced threat protection across hybrid cloud workloads.  
[Learn more](#)

 Your subscription is protected by Azure Security Center basic plan.

### Monitoring

Boot diagnostics ⓘ ☒ Enable with managed storage account (recommended)  
☐ Enable with custom storage account  
☐ Disable

Enable OS guest diagnostics ⓘ ☐

### Identity

System assigned managed identity ⓘ ☐

### Auto-shutdown

Enable auto-shutdown ⓘ ☒

**Review + create**

< Previous

Next : Advanced >



## Create a virtual machine ...

### Auto-shutdown

Enable auto-shutdown ⓘ



Shutdown time ⓘ

7:00:00 PM

Time zone ⓘ

(UTC) Coordinated Universal Time



Notification before shutdown ⓘ



Email \* ⓘ

vemula4u@hotmail.com



### Backup

Enable backup ⓘ



### Site Recovery

Enable Disaster Recovery ⓘ



### Guest OS updates



Enable hotpatch (Preview) ⓘ



Patch orchestration options ⓘ

Automatic by OS (Windows Automatic Updates)



 Some patch orchestration options are not available for this image.  
[Learn more](#) 

[Review + create](#)

[< Previous](#)

[Next : Advanced >](#)





## Create a virtual machine ...

Basics   Disks   Networking   Management   Advanced   Tags   Review + create

Add additional configuration, agents, scripts or applications via virtual machine extensions or cloud-init.

### Extensions

Extensions provide post-deployment configuration and automation.

Extensions ⓘ

[Select an extension to install](#)

### Custom data

Pass a script, configuration file, or other data into the virtual machine while it is being provisioned. The data will be saved on the VM in a known location. [Learn more about custom data for VMs](#) ↗

Custom data

**i** Your image must have a code to support consumption of custom data. If your image supports cloud-init, custom-data will be processed by cloud-init. [Learn more about custom data and cloud init](#) ↗

### Host


Azure Dedicated Hosts allow you to provision and manage a physical server within our data centers that are dedicated to your

[Review + create](#)


[< Previous](#)


[Next : Tags >](#)

## Create a virtual machine ...

**i** Your image must have a code to support consumption of custom data. If your image supports cloud-init, custom-data will be processed by cloud-init. [Learn more about custom data and cloud init](#) 

### Host


Azure Dedicated Hosts allow you to provision and manage a physical server within our data centers that are dedicated to your Azure subscription. A dedicated host gives you assurance that only VMs from your subscription are on the host, flexibility to choose VMs from your subscription that will be provisioned on the host, and the control of platform maintenance at the level of the host. [Learn more](#) 


Host group 

No host group found



### Proximity placement group


Proximity placement groups allow you to group Azure resources physically closer together in the same region. [Learn more](#) 


Proximity placement group 

No proximity placement groups found



### VM generation

Generation 2 VMs support features such as UEFI-based boot architecture, increased memory and OS disk size limits, Intel® Software Guard Extensions (SGX), and virtual persistent memory (vPMEM). [Click here to learn more about Gen2 virtual machine capabilities.](#) 

VM generation 

- ☒ Gen 1  
☐ Gen 2

[Review + create](#)

[< Previous](#)

[Next : Tags >](#)



## Create a virtual machine ...

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

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more about tags](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name ⓘ	Value ⓘ	Resource
<input type="text"/>	:	<input type="text" value="12 selected"/>

Review + create

< Previous

Next : Review + create >



# Create a virtual machine ...

✔ Validation passed

Basics   Disks   Networking   Management   Advanced   Tags   Review + create

### PRODUCT DETAILS

Standard B1ms  
by Microsoft  
[Terms of use](#) | [Privacy policy](#)

Subscription credits apply ⓘ  
**1.4913 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(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. See the [Azure Marketplace Terms](#) for additional details.

⚠ **You have set RDP port(s) open to the internet.** This is only recommended for testing. If you want to change this setting, go back to Basics tab.

### Basics

»

## Create a virtual machine ...

✓ Validation passed

### Basics

Subscription	MSDN Platforms Subscription
Resource group	HQ_RG
Virtual machine name	vm1
Region	East US
Availability options	No infrastructure redundancy required
Image	Windows Server 2016 Datacenter - Gen1
Size	Standard B1ms (1 vcpu, 2 GiB memory)
Username	cloudadmin
Public inbound ports	RDP
Already have a Windows license?	No
Azure Spot	No

### Disks

OS disk type	Premium SSD LRS
Use managed disks	Yes
Ephemeral OS disk	No

### Networking

Virtual network	vnet1
-----------------	-------

Create

< Previous

Next >

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## Create a virtual machine ...

✓ Validation passed

### Networking

Virtual network	vnet1
Subnet	subnet1 (10.0.0.0/24)
Public IP	(new) vm1-ip
Accelerated networking	Off
Place this virtual machine behind an existing load balancing solution?	No

### Management

Azure Security Center	Basic (free)
Boot diagnostics	On
Enable OS guest diagnostics	Off
System assigned managed identity	Off
Auto-shutdown	On
Backup	Disabled
Site Recovery	Disabled
Enable hotpatch (Preview)	Off
Patch orchestration options	OS-orchestrated patching: patches will be installed by OS

### Advanced

Extensions	None
------------	------

Create

< Previous

Next >

[Download a template for automation](#)

»

## Create a virtual machine ...

✓ Validation passed

Public IP	(new) vm1-ip
Accelerated networking	Off
Place this virtual machine behind an existing load balancing solution?	No

### Management

Azure Security Center	Basic (free)
Boot diagnostics	On
Enable OS guest diagnostics	Off
System assigned managed identity	Off
Auto-shutdown	On
Backup	Disabled
Site Recovery	Disabled
Enable hotpatch (Preview)	Off
Patch orchestration options	OS-orchestrated patching: patches will be installed by OS

### Advanced

Extensions	None
Cloud init	No
Proximity placement group	None

Create

< Previous

Next >

[Download a template for automation](#)

Home >

CreateVm-MicrosoftWindowsServer.WindowsServer-201-20210410172040 | Overview ⚙️ ...

Deployment

Search (Ctrl+/) << Delete Cancel Redeploy Refresh

Overview

Inputs

Outputs

Template

We'd love your feedback! →

✓ Your deployment is complete

Deployment name: CreateVm-MicrosoftWindowsServer.WindowsSe... Start time: 4/10/2021, 5:26:30 PM  
Subscription: [MSDN Platforms Subscription](#) Correlation ID: d9c9f8b9-f9fb-4ea2-8304-080b61fe86c8  
Resource group: [HQ\\_RG](#)

Deployment details [\(Download\)](#)

Next steps

[Setup auto-shutdown](#) Recommended

[Monitor VM health, performance and network dependencies](#) Recommended

[Run a script inside the virtual machine](#) Recommended

[Go to resource](#) [Create another VM](#)

VM1 is Created in HQ Region East US.

## Create a Virtual Machine in West US Region (Branch Office)

Virtual Machine Name: VM2

Resource Group : BO\_Rg

Location: West US

OS Type: Windows 2016 Datacenter-Gen1

Instance Size: Standard\_B1ms

Virtual Network Name : Vnet2

Subnet Name : Subnet2



## Create a virtual machine ...

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


Create a virtual machine that runs Linux or Windows. Select an image from Azure marketplace or use your own customized image. Complete the Basics tab then Review + create to provision a virtual machine with default parameters or review each tab for full customization. [Learn more](#)

### Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription *	<div>MSDN Platforms Subscription</div>
Resource group *	<div>BO_Rg</div> <div><a href="#">Create new</a></div>

### Instance details

Virtual machine name *	<div>VM2</div>
Region *	<div>(US) West US</div>
Availability options	<div>No infrastructure redundancy required</div>
Image *	<div> Windows Server 2016 Datacenter - Gen1</div> <div><a href="#">See all images</a></div>
Azure Spot instance	<div><input type="checkbox"/></div>

## Create a virtual machine ...

Azure Spot instance ⓘ

☐

Size \* ⓘ

Standard\_B1ms - 1 vcpu, 2 GiB memory (₹1,304.31/month)



[See all sizes](#)

### Administrator account

Username \* ⓘ

cloudadmin



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 \*

RDP (3389)



**This will allow all IP addresses to access your virtual machine.** This is only recommended for testing. Use the Advanced controls in the Networking tab to create rules to limit inbound traffic to known IP addresses.

### Licensing

Save up to 49% with a license you already own using Azure Hybrid Benefit. [Learn more](#)

Would you like to use an existing

☐

[Review + create](#)

[< Previous](#)

[Next : Disks >](#)

## Create a virtual machine ...

Basics Disks Networking Management Advanced Tags Review + create

Azure VMs have one operating system disk and a temporary disk for short-term storage. You can attach additional data disks. The size of the VM determines the type of storage you can use and the number of data disks allowed. [Learn more](#)

### Disk options

OS disk type \* ⓘ 

Standard SSD

Encryption type \* 

(Default) Encryption at-rest with a platform-managed key

Enable Ultra Disk compatibility ⓘ ☐

### Data disks

You can add and configure additional data disks for your virtual machine or attach existing disks. This VM also comes with a temporary disk.

LUN	Name	Size (GiB)	Disk type	Host caching
<a href="#">Create and attach a new disk</a> <a href="#">Attach an existing disk</a>				

▼ Advanced

# Create a virtual machine ...

Basics   Disks   Networking   Management   Advanced   Tags   Review + create

Define network connectivity for your virtual machine by configuring network interface card (NIC) settings. You can control ports, inbound and outbound connectivity with security group rules, or place behind an existing load balancing solution. [Learn more](#)

## Network interface

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

Virtual network *	<div>Vnet2</div> <div>Create new</div>
Subnet *	<div>subnet2 (10.5.0.0/24)</div> <div>Manage subnet configuration</div>
Public IP	<div>(new) VM2-ip</div> <div>Create new</div>
NIC network security group	<div><input type="radio"/> None</div> <div><input checked="" type="radio"/> Basic</div> <div><input type="radio"/> Advanced</div>
Public inbound ports *	<div><input type="radio"/> None</div> <div><input checked="" type="radio"/> Allow selected ports</div>
Select inbound ports *	<div>RDP (3389)</div>

**⚠ This will allow all IP addresses to access your virtual machine.** This is only recommended for testing. Use the Advanced controls in the Networking tab to create rules to limit inbound traffic to known IP addresses.

## Create a virtual machine ...

Subnet \* ⓘ

[Create new](#)

subnet2 (10.5.0.0/24) ▼

[Manage subnet configuration](#)

Public IP ⓘ

(new) VM2-ip ▼

[Create new](#)

NIC network security group ⓘ

- ☐ None  
☒ Basic  
☐ Advanced

Public inbound ports \* ⓘ

- ☐ None  
☒ Allow selected ports

Select inbound ports \*

RDP (3389) ▼



**This will allow all IP addresses to access your virtual machine.** This is only recommended for testing. Use the Advanced controls in the Networking tab to create rules to limit inbound traffic to known IP addresses.

Accelerated networking ⓘ

☐

The selected VM size does not support accelerated networking.

### Load balancing

You can place this virtual machine in the backend pool of an existing Azure load balancing solution. [Learn more](#)

Place this virtual machine behind an existing load balancing solution?

☐

[Review + create](#)

[< Previous](#)

[Next : Management >](#)



## Create a virtual machine ...

Basics   Disks   Networking   Management   Advanced   Tags   Review + create

Configure monitoring and management options for your VM.

### Azure Security Center

Azure Security Center provides unified security management and advanced threat protection across hybrid cloud workloads.

[Learn more](#)

Your subscription is protected by Azure Security Center basic plan.

### Monitoring

Boot diagnostics

- ☒ Enable with managed storage account (recommended)  
☐ Enable with custom storage account  
☐ Disable

Enable OS guest diagnostics

☐

### Identity

System assigned managed identity

☐

### Auto-shutdown

Enable auto-shutdown

☒

Shutdown time

7:00:00 PM

Time zone

(UTC) Coordinated Universal Time

**Review + create**

< Previous

Next : Advanced >



## Create a virtual machine ...

### Auto-shutdown

Enable auto-shutdown ⓘ



Shutdown time ⓘ

7:00:00 PM

Time zone ⓘ

(UTC) Coordinated Universal Time



Notification before shutdown ⓘ



Email \* ⓘ

vemula4u@hotmail.com



### Backup

Enable backup ⓘ



### Site Recovery

Enable Disaster Recovery ⓘ



### Guest OS updates


Enable hotpatch (Preview) ⓘ




Patch orchestration options ⓘ

Automatic by OS (Windows Automatic Updates)



 Some patch orchestration options are not available for this image.  
[Learn more](#)

 Your subscription is not registered to use Azure-orchestrated patching. [Learn more](#)

**Review + create**

< Previous

Next : Advanced >

## Create a virtual machine ...

Basics   Disks   Networking   Management   Advanced   Tags   Review + create

Add additional configuration, agents, scripts or applications via virtual machine extensions or cloud-init.

### Extensions

Extensions provide post-deployment configuration and automation.

Extensions ⓘ

[Select an extension to install](#)

### Custom data

Pass a script, configuration file, or other data into the virtual machine while it is being provisioned. The data will be saved on the VM in a known location. [Learn more about custom data for VMs](#) ⓘ

Custom data

**i** Your image must have a code to support consumption of custom data. If your image supports cloud-init, custom-data will be processed by cloud-init. [Learn more about custom data and cloud init](#) ⓘ

### Host

Azure Dedicated Hosts allow you to provision and manage a physical server within our data centers that are dedicated to your Azure subscription. A dedicated host gives you assurance that only VMs from your subscription are on the host, flexibility to choose VMs from your subscription that will be provisioned on the host, and the control of platform maintenance at the level of the host. [Learn more](#) ⓘ

[Review + create](#)

[< Previous](#)

[Next : Tags >](#)



»

## Create a virtual machine ...

**i** Your image must have a code to support consumption of custom data. If your image supports cloud-init, custom-data will be processed by cloud-init. [Learn more about custom data and cloud init](#)

### Host

Azure Dedicated Hosts allow you to provision and manage a physical server within our data centers that are dedicated to your Azure subscription. A dedicated host gives you assurance that only VMs from your subscription are on the host, flexibility to choose VMs from your subscription that will be provisioned on the host, and the control of platform maintenance at the level of the host. [Learn more](#)

Host group ⓘ

No host group found

### Proximity placement group

Proximity placement groups allow you to group Azure resources physically closer together in the same region. [Learn more](#)

Proximity placement group ⓘ

No proximity placement groups found

### VM generation

Generation 2 VMs support features such as UEFI-based boot architecture, increased memory and OS disk size limits, Intel® Software Guard Extensions (SGX), and virtual persistent memory (vPMEM).

[Click here to learn more about Gen2 virtual machine capabilities.](#)

VM generation ⓘ

☒ Gen 1

☐ Gen 2

**Review + create**

< Previous

Next : Tags >

»

## Create a virtual machine ...

Basics   Disks   Networking   Management   Advanced   Tags   Review + create

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more about tags](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name ⓘ	Value ⓘ	Resource
<input type="text"/>	:	<input type="text" value="12 selected"/>

Review + create

< Previous

Next : Review + create >

# Create a virtual machine

Basics   Disks   Networking   Management   Advanced   Tags   Review + create

## PRODUCT DETAILS

Standard B1ms  
by Microsoft  
[Terms of use](#) | [Privacy policy](#)

Subscription credits apply ⓘ  
**1.7867 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(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. See the [Azure Marketplace Terms](#) for additional details.

**⚠ You have set RDP port(s) open to the internet.** This is only recommended for testing. If you want to change this setting, go back to Basics tab.

## Basics

Subscription	MSDN Platforms Subscription
Resource group	BO_Rg
Virtual machine name	VM2
Region	West US
Availability options	No infrastructure redundancy required
Image	Windows Server 2016 Datacenter - Gen1

## CreateVm-MicrosoftWindowsServer.WindowsServer-201-20210410173115 | Overview

Deployment

Search (Ctrl+/)

Delete Cancel Redeploy Refresh

Overview

Inputs

Outputs

Template

We'd love your feedback! →

### Your deployment is complete

Deployment name: CreateVm-MicrosoftWindowsServer.WindowsSe... Start time: 4/10/2021, 5:36:09 PM  
Subscription: [MSDN Platforms Subscription](#) Correlation ID: b613876d-d32d-4438-9e79-af67031164ec  
Resource group: [BO\\_Rg](#)

Deployment details (Download)

Next steps

- [Setup auto-shutdown](#) Recommended
- [Monitor VM health, performance and network dependencies](#) Recommended
- [Run a script inside the virtual machine](#) Recommended

[Go to resource](#)

[Create another VM](#)

Deployment succeeded 5:38 PM

Deployment 'CreateVm-MicrosoftWindowsServer.WindowsServer-201-20210410173115' to resource group 'BO\_Rg' was successful.

[Go to resource](#)

[Pin to dashboard](#)



### Security Center

Secure your apps and infrastructure  
[Go to Azure security center >](#)

### Free Microsoft tutorials

[Start learning today >](#)

### Work with an expert

Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.  
[Find an Azure expert >](#)

Showing 1 to 2 of 2 records

<input type="checkbox"/>	Name ↑↓	Subscription ↑↓	Resource group ↑↓	Location ↑↓	Status ↑↓	Operating system ↑↓	Size ↑↓	Public IP address ↑↓	Disks ↑↓
<input type="checkbox"/>	vm1	MSDN Platforms Subscri...	HQ_RG	East US	Running	Windows	Standard_B1ms	40.117.199.45	1
<input type="checkbox"/>	VM2	MSDN Platforms Subscri...	BO_Rg	West US	Running	Windows	Standard_B1ms	40.118.145.193	1

## Create Virtual Network Peering between Vnet1 and Vnet2

Go to one of the Vnets in Vnet1 or Vnet2 in this case Vnet1/

Home >

### Virtual networks

virtualnetworks (Default Directory)

+ Add Manage view Refresh Export to CSV Open query Assign tags Feedback

Filter for any field... Subscription == all Resource group == all Location == all Add filter

Showing 1 to 2 of 2 records. No grouping List view

<input type="checkbox"/>	Name ↑↓	Resource group ↑↓	Location ↑↓	Subscription ↑↓
<input type="checkbox"/>	vnet1	HQ_RG	East US	MSDN Platforms Subscription
<input type="checkbox"/>	Vnet2	BO_Rg	West US	MSDN Platforms Subscription

Go to peering section under settings of Vnet1,

Home > Virtual networks > vnet1

### vnet1 | Peerings

Virtual network

Search (Ctrl+J)

+ Add Refresh

Filter by name...

Name	Peering status	Peer	Gateway transit
Add a peering to get started			

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Address space

Connected devices

Subnets

DDoS protection

Firewall

Security

DNS servers

Peerings

Service endpoints

Private endpoints

Properties

Locks

Monitoring

Alerts

Metrics

Add Vnet Peering between Vnet1 and Vent2 by selecting **Add** Options.

Microsoft Azure

Search resources, services, and docs (G+/I)

vermula4u@hotmail.com

VIRTUALYEMULA (DEFAULT DIRE...

Create a resource

Home

Dashboard

All services

FAVORITES

Advisor

All resources

Virtual machines

Load balancers

Azure Active Directory

Resource groups

Virtual networks

Network security groups

Monitor

Security Center

Help + support

What's new

Route tables

Recovery Services vaults

Compliance Manager

Home > Virtual networks > vnet1 >

Add peering ...

vnet1

For peering to work, two peering links must be created. By selecting remote virtual network, Azure will create both peering links.

This virtual network

Peering link name \*

vnet1tovnet2

Traffic to remote virtual network

☒ Allow (default)

☐ Block all traffic to the remote virtual network

Traffic forwarded from remote virtual network

☒ Allow (default)

☐ Block traffic that originates from outside this virtual network

Virtual network gateway or Route Server

☐ Use this virtual network's gateway or Route Server

☐ Use the remote virtual network's gateway or Route Server

☒ None (default)

Remote virtual network

Peering link name \*

Vnet2toVnet1

[Home](#) > [Virtual networks](#) > [vnet1](#) >

## Add peering ...

vnet1



Remote virtual network

Peering link name \*

Vnet2toVnet1



Virtual network deployment model ⓘ

☒ Resource manager

☐ Classic

☐ I know my resource ID ⓘ

Subscription \* ⓘ

MSDN Platforms Subscription



Virtual network \*

Vnet2



Traffic to remote virtual network ⓘ

☒ Allow (default)

☐ Block all traffic to the remote virtual network

Traffic forwarded from remote virtual network ⓘ

☒ Allow (default)

☐ Block traffic that originates from outside this virtual network

Virtual network gateway or Route Server ⓘ

☐ Use this virtual network's gateway or Route Server

☐ Use the remote virtual network's gateway or Route Server

☒ None (default)

Add

Home > Virtual networks > vnet1 >

## Add peering

vnet1

Remote virtual network

Peering link name \*

Vnet2toVnet1 ✓

Virtual network deployment model

☒ Resource manager

☐ Classic

☐ I know my resource ID

Subscription \*

MSDN Platforms Subscription

Virtual network \*

Vnet2

Traffic to remote virtual network

☒ Allow (default)

☐ Block all traffic to the remote virtual network

Traffic forwarded from remote virtual network

☒ Allow (default)

☐ Block traffic that originates from outside this virtual network

Virtual network gateway or Route Server

☐ Use this virtual network's gateway or Route Server

☐ Use the remote virtual network's gateway or Route Server

☒ None (default)

Validating...

\*\*\* Adding virtual network peering 5:43 PM

Adding virtual network peering 'Vnet2toVnet1' to 'Vnet2'.

\*\*\* Adding virtual network peering 5:43 PM

Adding virtual network peering 'vnet1tovnet2' to 'vnet1'.

Validate the peering on Vnet1 and Vnet2

Home > Virtual networks > vnet1

### vnet1 | Peerings

Virtual network

Search (Ctrl+/)

+ Add Refresh

Filter by name...

Name	Peering status	Peer	Gateway transit	
vnet1tovnet2	Connected	Vnet2	Disabled	...

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Address space

Connected devices

Subnets

DDoS protection

Firewall

Security

DNS servers

Peerings

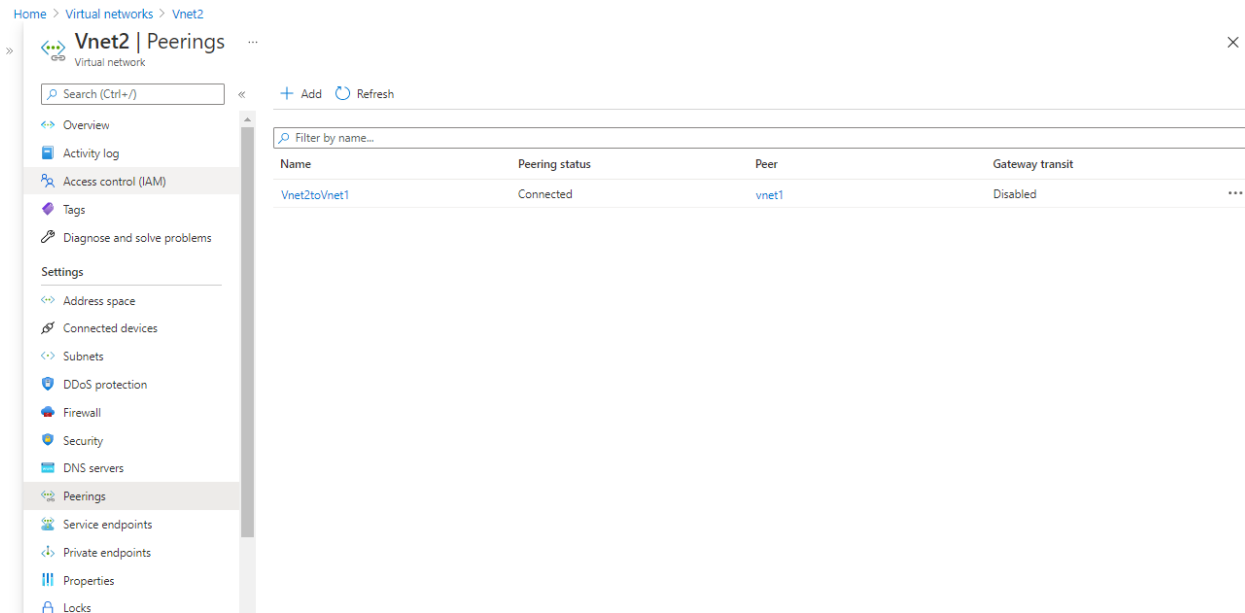
Service endpoints

Private endpoints

Properties

Locks

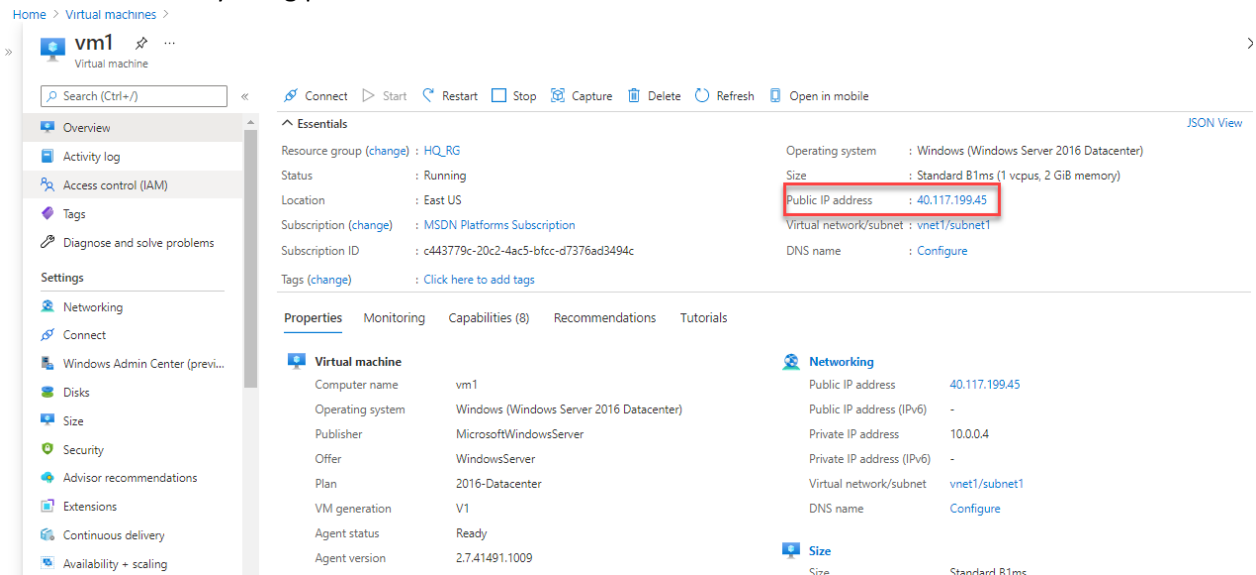




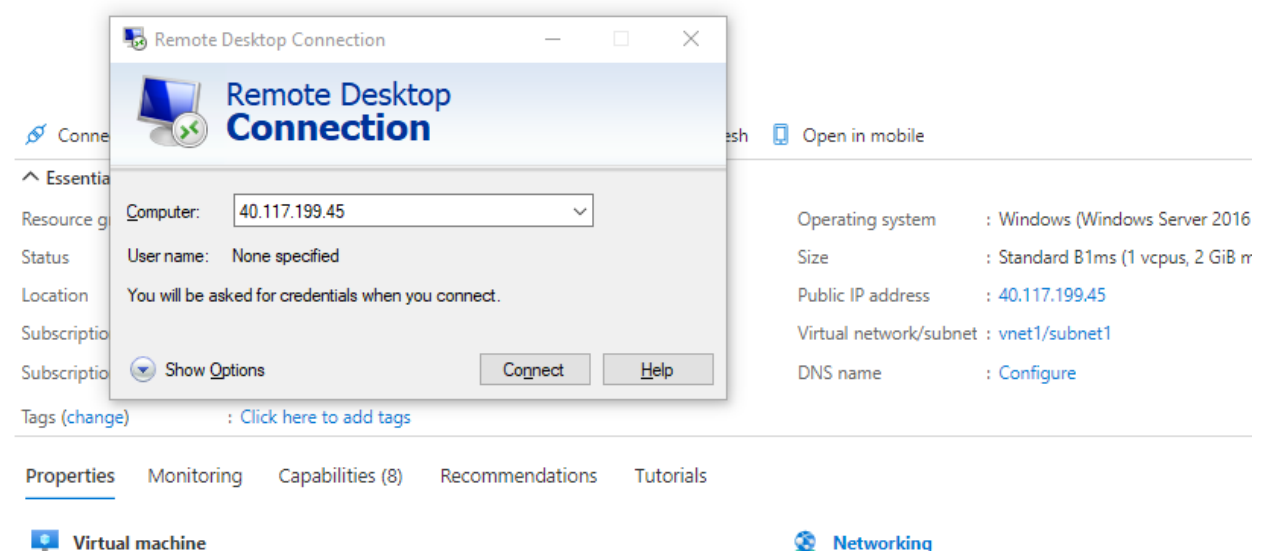
This completes the configuration of Peering between vnet1 and Vnet2 which are in HQ and Branch offices.

## Connectivity Test between HQ and Branch VMs i.e., VM1 and VM2

### 1) Connect to VM1 by using public IP address with MSTSC



Copy public IP and paste it by doing MSTSC



Put username and password



Connect to Second Virtual Machine VM2 in Branch office i.e., West US.

Home > Virtual machines > VM2

Virtual machine

Search (Ctrl+F)

Connect Start Restart Stop Capture Delete Refresh Open in mobile

JSON View

Essentials

Resource group (change) : [BO\\_Rg](#)

Status : Running

Location : West US

Subscription (change) : [MSDN Platforms Subscription](#)

Subscription ID : c443779c-20c2-4ac5-bfcc-d7376ad3494c

Tags (change) : [Click here to add tags](#)

Operating system : Windows (Windows Server 2016 Datacenter)

Size : Standard B1ms (1 vcpu, 2 GiB memory)

Public IP address : [40.118.145.193](#)

Virtual network/subnet : [Vnet2/subnet2](#)

DNS name : [Configure](#)

Properties Monitoring Capabilities (8) Recommendations Tutorials

Virtual machine

Computer name : VM2

Operating system : Windows (Windows Server 2016 Datacenter)

Publisher : MicrosoftWindowsServer

Offer : WindowsServer

Plan : 2016-Datacenter

VM generation : V1

Agent status : Ready

Agent version : 2.7.41491.1009

Host group : [None](#)

Host : -

Proximity placement group : -

Colocation status : N/A

Networking

Public IP address : [40.118.145.193](#)

Public IP address (IPv6) : -

Private IP address : 10.5.0.4

Private IP address (IPv6) : -

Virtual network/subnet : [Vnet2/subnet2](#)

DNS name : [Configure](#)

Size

Size : Standard B1ms

vCPUs : 1

RAM : 2 GiB

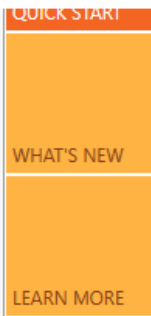
Disk

OS disk : VM2\_OsDisk\_1\_540df222a49b4e419477f43891368f2f

Copy public IP and paste it by doing MSTSC and put username and password



Run firewall.cpl in both VMs and then in Advanced Settings allow ICMP traffic in Inbound Rules.

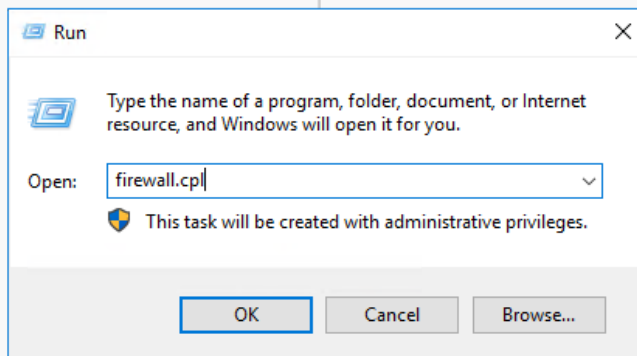


- 2 Add roles and features
- 3 Add other servers to manage
- 4 Create a server group
- 5 Connect this server to cloud services

## ROLES AND SERVER GROUPS

Roles: 1 | Server groups: 1 | Servers total: 1

File and Storage Services	1	Local Server	1	A
<div>Manageability</div> <div>Events</div> <div>Performance</div> <div>BPA results</div>		<div>Manageability</div> <div>Events</div> <div>2 Services</div> <div>Performance</div> <div>BPA results</div>		<div>M</div> <div>Ev</div> <div>2 Se</div> <div>Pe</div> <div>BI</div>
		4/10/2021 12:20 PM		



Windows Firewall

← → ↕

Control Panel > System and Security > Windows Firewall

▼ 🔍

Search Co

Control Panel Home

Allow an app or feature through Windows Firewall

Change notification settings

Turn Windows Firewall on or off

Restore defaults

Advanced settings

Troubleshoot my network

Help protect your PC with Windows Firewall

Windows Firewall can help prevent hackers or malicious software from gaining access to your PC through the Internet or a network.

Private networks

Not connected

Guest or public networks

Connected

Networks in public places such as airports or coffee shops

Windows Firewall state:

On

Incoming connections:

Block all connections to apps that are not on the list of allowed apps

Active public networks:

Network

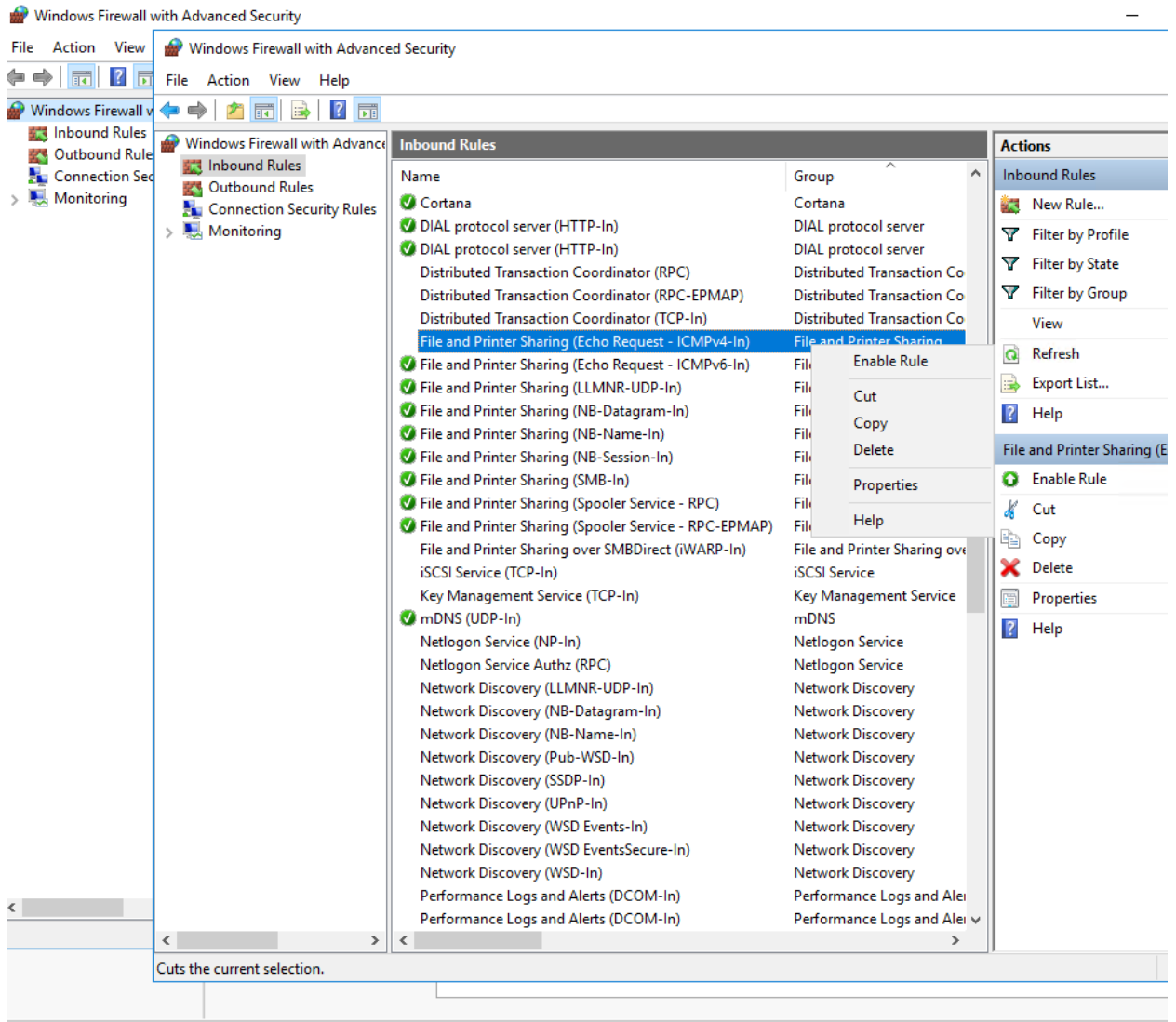
Notification state:

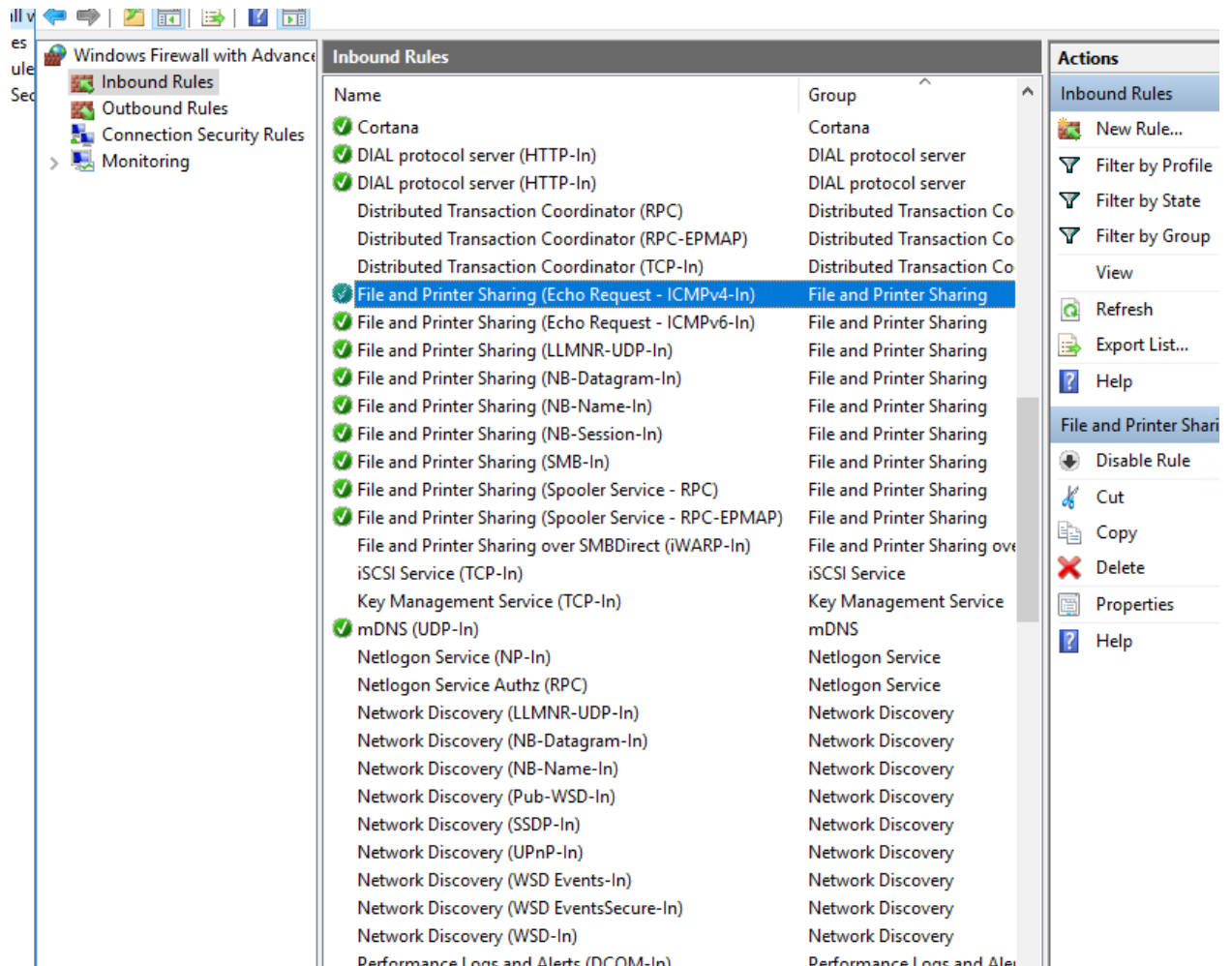
Do not notify me when Windows Firewall blocks a new app

See also

Security and Maintenance

Network and Sharing Center



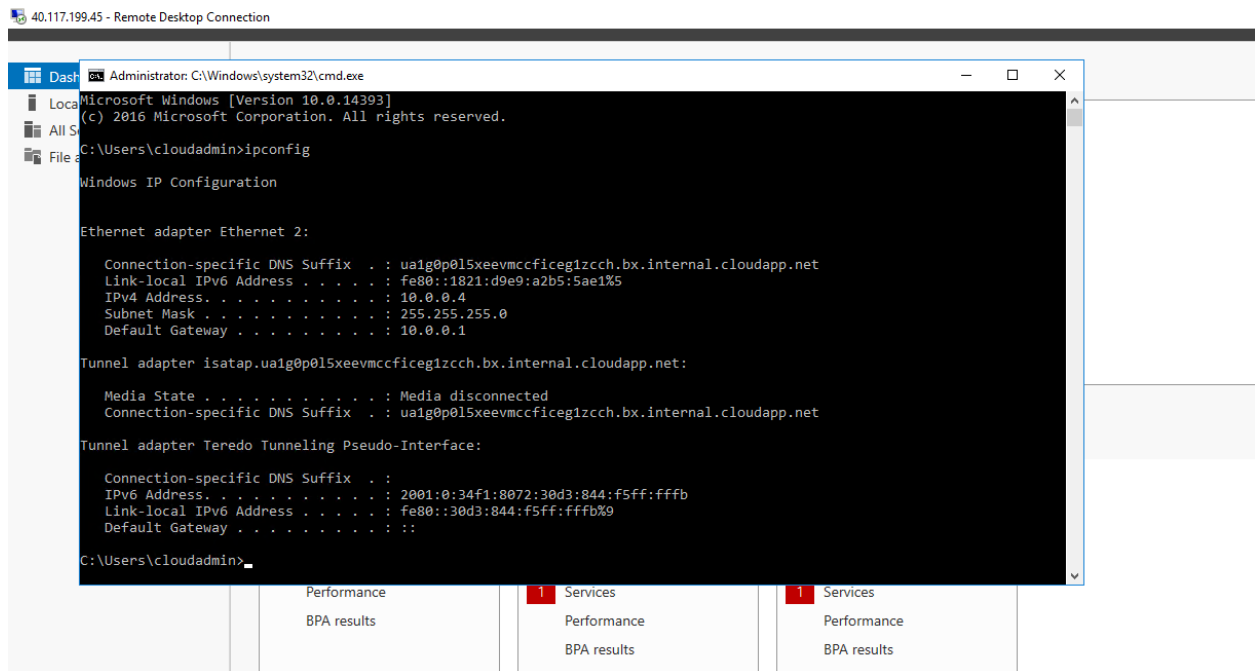


D.Go to Command prompt on both the VMs by typing cmd

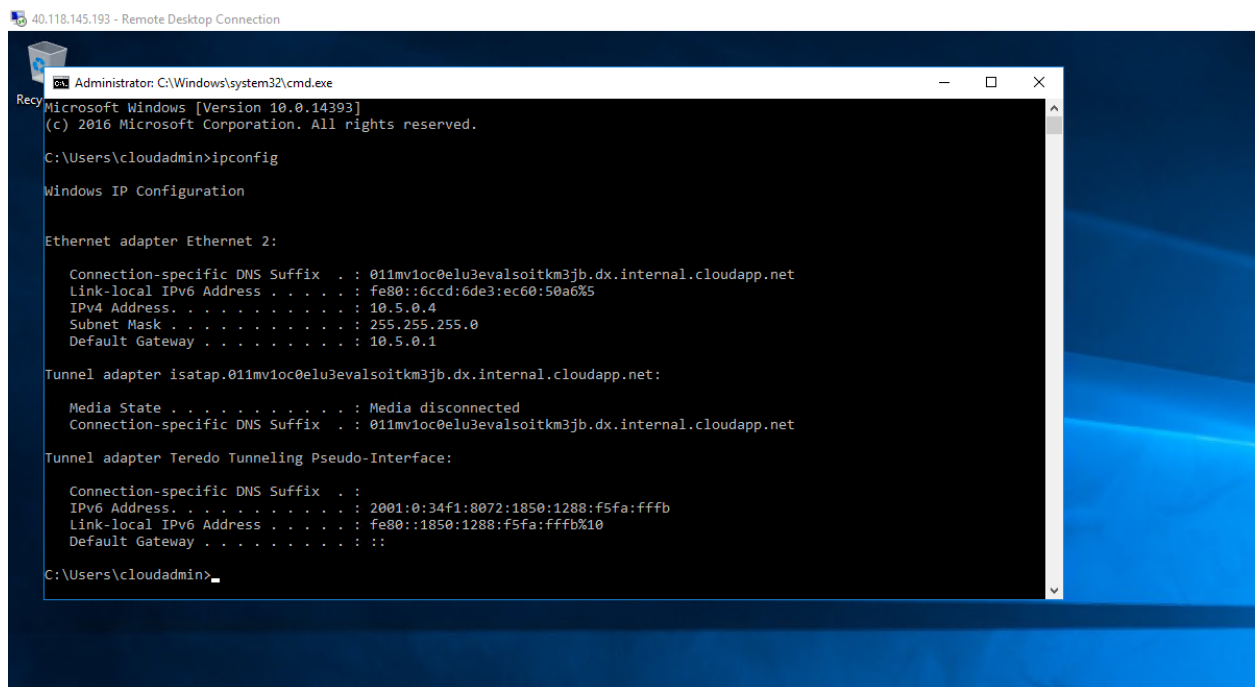
Then type ipconfig to check the ips of both VMs and then try to ping both VMs with each other by the command:

Ping <IP of other VM>

Ip Config Details of VM1



## Ip Config Details of VM2



Ping 10.5.0.4



40.117.199.45 - Remote Desktop Connection

Server Manager Dashboard

```
Administrator: C:\Windows\system32\cmd.exe
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Users\cloudadmin>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet 2:

    Connection-specific DNS Suffix  . : ua1g0p015xeevmccficeg1zcch.bx.internal.cloudapp.net
    Link-local IPv6 Address . . . . . : fe80::1821:d9e9:a2b5:5ae1%5
    IPv4 Address. . . . . : 10.0.0.4
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 10.0.0.1

Tunnel adapter isatap.ua1g0p015xeevmccficeg1zcch.bx.internal.cloudapp.net:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : ua1g0p015xeevmccficeg1zcch.bx.internal.cloudapp.net

Tunnel adapter Teredo Tunneling Pseudo-Interface:

    Connection-specific DNS Suffix  . : 
    IPv6 Address. . . . . : 2001:0:34f1:8072:30d3:844:f5ff:fffb
    Link-local IPv6 Address . . . . . : fe80::30d3:844:f5ff:fffb%9
    Default Gateway . . . . . : ::

C:\Users\cloudadmin>ping 10.5.0.4

Pinging 10.5.0.4 with 32 bytes of data:
Reply from 10.5.0.4: bytes=32 time=67ms TTL=128
Reply from 10.5.0.4: bytes=32 time=64ms TTL=128
Reply from 10.5.0.4: bytes=32 time=63ms TTL=128
Reply from 10.5.0.4: bytes=32 time=63ms TTL=128

Ping statistics for 10.5.0.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 63ms, Maximum = 67ms, Average = 64ms

C:\Users\cloudadmin>
```

Ping 10.0.0.4

```
40.118.145.193 - Remote Desktop Connection

Administrator: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Users\cloudadmin>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet 2:

    Connection-specific DNS Suffix  . : 011mv1oc0elu3evalsoitkm3jb.dx.internal.cloudapp.net
    Link-local IPv6 Address . . . . . : fe80::6ccd:6de3:ec60:50a6%5
    IPv4 Address. . . . . : 10.5.0.4
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 10.5.0.1

Tunnel adapter isatap.011mv1oc0elu3evalsoitkm3jb.dx.internal.cloudapp.net:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 011mv1oc0elu3evalsoitkm3jb.dx.internal.cloudapp.net

Tunnel adapter Teredo Tunneling Pseudo-Interface:

    Connection-specific DNS Suffix  . :
    IPv6 Address. . . . . : 2001:0:34f1:8072:1850:1288:f5fa:fffb
    Link-local IPv6 Address . . . . . : fe80::1850:1288:f5fa:fffb%10
    Default Gateway . . . . . : ::

C:\Users\cloudadmin>ping 10.0.0.4

Pinging 10.0.0.4 with 32 bytes of data:
Reply from 10.0.0.4: bytes=32 time=64ms TTL=128
Reply from 10.0.0.4: bytes=32 time=63ms TTL=128
Reply from 10.0.0.4: bytes=32 time=63ms TTL=128
Reply from 10.0.0.4: bytes=32 time=64ms TTL=128

Ping statistics for 10.0.0.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 63ms, Maximum = 64ms, Average = 63ms

C:\Users\cloudadmin>
```

Both VMs are able to ping each other and Hence the project is completed successfully.