Create a virtual machine

Basics   Disks   **Networking**   Management   Monitoring   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 * ⓘ

| vnm-1 | ⌄ |

Create new

Subnet * ⓘ

| subnet-2 (10.1.1.0/24) | ⌄ |

Manage subnet configuration

Public IP ⓘ

| (new) vmwest-ip | ⌄ |

Create new

NIC network security group ⓘ

○ None
◉ Basic
○ Advanced

Review + create   < Previous   Next : Management >

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Create a virtual machine …

⚠ Changing Basic options may reset selections you have made. Review all options prior to creating the virtual machine.

your resources.

Subscription * ⓘ
Free Trial

Resource group * ⓘ
vnRG
Create new

Instance details

Virtual machine name * ⓘ
vmwest ✓

Region * ⓘ
(US) West US

Availability options ⓘ
No infrastructure redundancy required

Security type ⓘ
Trusted launch virtual machines
Configure security features

Image * ⓘ
▦ Windows Server 2022 Datacenter: Azure Edition - x64 Gen2 (free services e ⌄
See all images | Configure VM generation

Activate Windows
Go to Settings to activate Windows.
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vnm-1 - Microsoft Azure

CreateVm-MicrosoftWindowsSer

Home - Microsoft Azure

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+ Create | ⚙ Manage view ∨ | ···

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⟨⟩ vm-1-vnet	···
⟨⟩ vnm-1	···
⟨⟩ Vnm-2	···

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⟨⟩ vnm-1
Virtual network

📌 Search

→ Move ∨   🗑 Delete   ↻ Refresh   💬 Give feedback

⟨⟩ Overview

📋 Activity log

👥 Access control (IAM)

🏷 Tags

🔧 Diagnose and solve problems

Settings

⟨⟩ Address space

🔗 Connected devices

⟨⟩ Subnets

🛡 Bastion

🛡 DDoS protection

🔥 Firewall

🛡 Microsoft Defender for Cloud

⚙ Network manager

DNS servers

✕

∧ Essentials   JSON View

Resource group (move)   Address space
vnRG   10.1.0.0/16

Location (move)   DNS servers
West US   Azure provided DNS service

Subscription (move)   Flow timeout
Free Trial   Configure

Subscription ID   BGP community string
46d6a552-d3f4-47de-be1c-cfb6c29e7f26   Configure

                                         Virtual network ID
                                         0d4a33e9-1c14-4b9d-aafb-34071b9db5ac

Tags (edit)
Click here to add tags

Topology   Properties   **Capabilities (5)**   Recommendations   Tutorials

🛡 DDoS protection   ☁ Azure Firewall

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Name ↑↓
<·> vm-1-vnet	...
<·> vnm-1	...
<·> Vnm-2	...

<·> vnm-1 | Subnets
Virtual network

🔍 Search

+ Subnet   + Ga...

🔍 Search subnets

Name ↑↓
default
subnet-2

Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems

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Address space
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Subnets
Bastion
DDoS protection
Firewall
Microsoft Defender for Cloud
Network manager
DNS servers

subnet-2
vnm-1

Name

subnet-2

Subnet address range * ⓘ

10.1.1.0/24

10.1.1.0 - 10.1.1.255 (251 + 5 Azure reserved addresses)

☐ Add IPv6 address space ⓘ

NAT gateway ⓘ

None

Network security group

None

Route table

None

SERVICE ENDPOINTS

Create service endpoint policies to allow traffic to specific azure resources from your virtual network over service endpoints. Learn more

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Save   Cancel

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Virtual network * ⓘ

| Vnm-2 | ⌄ |

Create new

Subnet * ⓘ

| vntSI (10.4.1.0/24) | ⌄ |

Manage subnet configuration

Public IP ⓘ

| (new) vmsouthuindia-ip | ⌄ |

Create new

NIC network security group ⓘ
- ◯ None
- ◉ Basic
- ◯ Advanced

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Create a virtual machine

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your resources.

| Subscription * ⓘ | Free Trial | ⌄ |
| | |

    Resource group * ⓘ   vnRG

Create new

Instance details

| Virtual machine name * ⓘ | vmsouthuindia ✓ |

| Region * ⓘ | (Asia Pacific) South India | ⌄ |

| Availability options ⓘ | No infrastructure redundancy required | ⌄ |

| Security type ⓘ | Trusted launch virtual machines | ⌄ |

Configure security features

| Image * ⓘ | ⊞ Windows Server 2022 Datacenter: Azure Edition - x64 Gen2 (free services e⌄ |

See all images | Configure VM generation

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vmwest
Virtual machine

Connect | Start | Restart | Stop | Capture | Delete | Refresh | Open in mobile | Feedback | CLI / PS

Virtual machine

Computer name	vmwest
Operating system	Windows (Windows Server 2022 Datacenter Azure Edition)
Publisher	MicrosoftWindowsServer
Offer	WindowsServer
Plan	2022-datacenter-azure-edition
VM generation	V2
VM architecture	x64
Agent status	Ready
Agent version	2.7.41491.1075
Host group	None
Host	-
Proximity placement group	-
Colocation status	N/A
Capacity reservation group	-
Disk controller type	SCSI

Networking

Public IP address	20.237.180.112 (Network interface vmwest32)
Public IP address (IPv6)	-
Private IP address	10.1.1.4
Private IP address (IPv6)	-
Virtual network/subnet	vnm-1/subnet-2
DNS name	Configure

Size

Size	Standard B1s
vCPUs	1
RAM	1 GiB

Disk

OS disk	vmwest_OsDisk_1_65f75269d0a1457ba897b8bc95232541
Encryption at host	Disabled
Azure disk encryption	Not enabled
Ephemeral OS disk	N/A

Settings

- Overview
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems

Settings
- Networking
- Connect
- Windows Admin Center
- Disks
- Size
- Microsoft Defender for Cloud
- Advisor recommendations
- Extensions + applications
- Availability + scaling

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⟨⟩ vnm-1	...
⟨⟩ Vnm-2	...

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vnm-1 | Peerings
Virtual network

Search

Settings

⟨⟩ Address space

🔗 Connected devices

⟨⟩ Subnets

Bastion

DDoS protection

Firewall

Microsoft Defender for Cloud

Network manager

DNS servers

Peerings

Service endpoints

Private endpoints

Properties

🔒 Locks

+ Add   ↻ Refresh | ↻ Sync

Filter by name...   Peering status == all

☐ Name ↑↓	Peering status ↑↓	Peer ↑↓	Gateway transit ↑↓
☐ vnm-1	Connected	Vnm-2	Disabled	...

Create a virtual machine

Public IP ⓘ

(new) vnwest-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.

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Vnm-2   ▾

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vntSI (10.4.1.0/24)   ▾

Manage subnet configuration

Public IP ⓘ

(new) vmsouthuindiaip480   ▾

Create new

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◯ Advanced

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                             Create new

Subnet * ⓘ | subnet-2 (10.1.1.0/24)   ⌄ |
                             Manage subnet configuration

Public IP ⓘ | (new) vmwestip573   ⌄ |
                             Create new

NIC network security group ⓘ   ◯ None

Activate Windows
Go to Settings to activate Windows.

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20.245.220.48 - Remote Desktop Connection

Recycle Bin

Administrator: C:\Windows\system32\cmd.exe

```
Microsoft Windows [Version 10.0.20348.1726]
(c) Microsoft Corporation. All rights reserved.

C:\Users\karthiwest>ipconfig

Windows IP Configuration


Ethernet adapter Ethernet:

   Connection-specific DNS Suffix  . : 3ezuudiudsouxkx1gqdrxhnvve.dx.internal.cl
   Link-local IPv6 Address . . . . . : fe80::7fcc:b6da:d261:edd8%4
   IPv4 Address. . . . . . . . . . . : 10.1.1.6
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . : 10.1.1.1

C:\Users\karthiwest>ping 10.4.1.5

Pinging 10.4.1.5 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 10.4.1.5:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\Users\karthiwest>
```

Recycle Bi

Administrator: C:\Windows\system32\cmd.exe

```
Ethernet adapter Ethernet:

   Connection-specific DNS Suffix  . : ks45nck44k0uraezhy45ynd0jb.tx.internal.cloudapp.ne
   Link-local IPv6 Address . . . . . : fe80::97c6:8ee9:46b4:961c%5
   IPv4 Address. . . . . . . . . . . : 10.4.1.5
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . : 10.4.1.1

Ethernet adapter Ethernet 3:

   Connection-specific DNS Suffix  . : ks45nck44k0uraezhy45ynd0jb.tx.internal.cloudapp.ne
   Link-local IPv6 Address . . . . . : fe80::8564:29ff:9951:aad6%11
   IPv4 Address. . . . . . . . . . . : 10.4.1.4
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . :

C:\Users\karthi>ping 10.1.1.6

Pinging 10.1.1.6 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 10.1.1.6:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```