

Home - Microsoft Azure

portal.azure.com/?feature.quickstart=true#home

Microsoft Azure

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Azure services

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Resources

Recent Favorite

Name	Type	Last Viewed
myVNet2	Virtual network	2 hours ago
Vnet_Prod	Virtual network	3 hours ago
MSDN Platforms	Subscription	a day ago

See all

Navigate

- Subscriptions
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- Dashboard

Tools

- Microsoft Learn
- Azure Monitor
- Microsoft Defender for Cloud
- Cost Management

Resource groups - Microsoft Azure

portal.azure.com/?feature.quickstart=true#view/hubsExtension/BrowseResourceGroups

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Resource groups

Default Directory

+ Create Manage view Refresh Export to CSV Open query Assign tags

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

0 Unsecure resources

No grouping

Name ↑ Subscription ↑ Location ↑

No resource groups to display

Try changing or clearing your filters.

Create resource group

Learn more

Virtual networks - Microsoft Azure

portal.azure.com/?feature.quickstart=true#view/hubsExtension/BrowseResource/resourceType/Microsoft.Network%2FVirtualNetworks

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Virtual networks


Default Directory

+ Create Manage view Refresh Export to CSV Open query Assign tags

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

No grouping List view

Name ↑	Resource group ↑↓	Location ↑↓	Subscription ↑↓
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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.

Create virtual network

Learn more of

Create virtual network - Microsoft Azure

portal.azure.com/?feature.quickstart=true#create/Microsoft.VirtualNetwork

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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

Resource group * [New] NewRG01
[Create new](#)

Instance details

Name * MyVnet01

Region * Central US

[Review + create](#) < Previous Next: IP Addresses > [Download a template for automation](#)

Create virtual network - Microsoft | portal.azure.com/?feature.quickstart=true#create/Microsoft.VirtualNetwork

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Create virtual network

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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

10.0.0.0/16 10.0.0.0 - 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 ⓘ

Subnet	Subnet address range	NAT gateway
<input type="checkbox"/> default	10.0.0.0/24	-

Use of a NAT gateway is recommended for outbound internet access from a subnet. You can deploy a NAT gateway and assign it to a subnet after you create the virtual network. [Learn more](#) ⓘ

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Create virtual network

Basics IP Addresses Security Tags Review + create

Validation passed

Basics

Subscription	MSDN Platforms
Resource group	(new) NewRG01
Name	MyVnet01
Region	Central US

IP addresses

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

Tags

None

Security

BastionHost	Disabled
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Microsoft Azure portal showing the deployment details for a Virtual Network (Microsoft.VirtualNetwork-20220603030527). The deployment is complete.

Deployment details:

- Deployment name: Microsoft.VirtualNetwork-20220603030527
- Subscription: MSDN Platforms
- Resource group: NewRG01
- Start time: 6/3/2022, 3:07:24 AM
- Correlation ID: f890e73d-603a-49f4-a25e-8cc5e527ffce

Next steps:

- Go to resource

Cost Management: Get notified to stay within your budget and prevent unexpected charges. [Set up cost alerts >](#)

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Work with an expert: Azure experts are service providers who can help manage your Azure environment and be your first line of support. [Find an Azure expert >](#)

Microsoft Azure portal showing the "Add subnet" configuration for a Virtual Network (MyVnet01). The configuration is being set up for a new subnet.

Add subnet configuration:

- Name: Subnet1
- Subnet address range: 10.0.1.0/24
- 10.0.1.0 - 10.0.1.255 (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. [Learn more](#)
- Services: 0 selected
- SUBNET DELEGATION:**

Subnets table:

Name	IPv4	IPv6	Available IPs
default	10.0.0.0/24	-	251

MyVnet01 - Microsoft Azure

portal.azure.com/?feature.quickstart=true#vikjak002@gmail.onmicrosoft.com/resource/subscriptions/6da97958-7540-4b3a-832b-7e5d17ae226a/resourceGroups/N...

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Home > Resource groups > NewRG01 > MyVnet01

MyVnet01 | Subnets

Virtual network

Search (Ctrl+J)

+ Subnet + Gateway subnet Refresh Manage users Delete

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
Peerings
Service endpoints
Private endpoints

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Haze

Name ↑↓	IPv4 ↑↓	IPv6 ↑↓	Available IPs ↑↓	Delegated to ↑↓	Security group ↑↓	Route table ↑↓
Subnet1	10.0.1.0/24	-	251	-	-	-
Subnet2	10.0.2.0/24	-	251	-	-	-

Create a virtual machine - Micro: x

portal.azure.com/?feature.quickstart=true#create/Microsoft.VirtualMachine

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Home > Virtual machines >

Create a virtual machine

Validation passed

Basics Disks Networking Management Advanced Tags Review + create

Cost given below is an estimate and not the final price. Please use [Pricing calculator](#) for all your pricing needs.

PRODUCT DETAILS

1 X Standard B1ms
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Subscription credits apply ⓘ
1.8011 INR/hr
[Pricing for other VM sizes](#)

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Haze

Resource groups

Default directory

+ Create Manage view ...

Name ↑
NetworkWatcherRG
NewRG01

NewRG01

Resource group

Search (Ctrl + /)

Overview

- Activity log
- Access control (IAM)
- Tags
- Resource viewer
- Events
- Settings
 - Deployments
 - Security
 - Policies
 - Properties
 - Locks
- Cost Management
 - Cost analysis
 - Cost alerts (preview)
 - Budgets
 - Advisor recommendations

Essentials

Subscription (Inazad)

MSDN Platform

Subscription ID: 6d4d7958-7540-4b3a-832b-7e5d17ae226a

Tags (edit)

[Click here to add tags](#)

Deployments

1 Succeeded

Location

Central US

Resources

Recommendations

Filter for any field...

Type == all Location == all Add filter

Showing 1 to 11 of 11 records. Show hidden types

Name ↑	Type ↑	Location ↑
MyVm01	Virtual network	Central US
vml1	Virtual machine	Central US
vml1-ip	Public IP address	Central US
vml1-nsg	Network security group	Central US
vml1-nsi	Regular Network Interface	Central US