

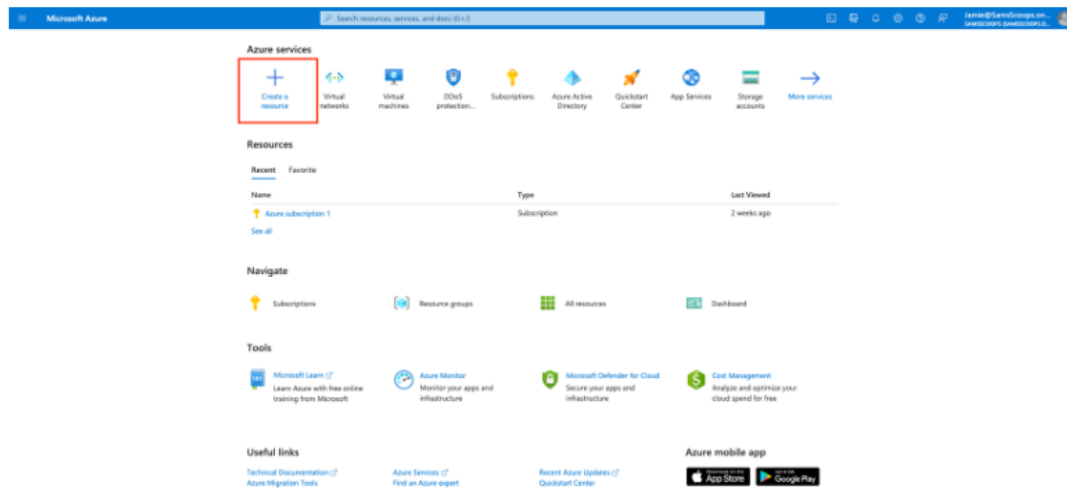
## Create the network and resource group

### Step 1

Sign into the [Azure portal](#) with your credentials.

### Step 2

In the Azure portal menu, select the **Create a resource** button located on the left-hand side of the screen.



### Step 3

Next, search for "Virtual network" in the search bar, select **Virtual network** from the results and select **Create**.

The screenshot shows the Microsoft Azure Marketplace interface. At the top, there's a search bar with the text "virtual network" entered. Below the search bar, there are filters for Pricing, Operating System, Publisher Type, Product Type, and Publisher name. The main area displays a grid of search results. The first result, "Virtual network", is highlighted with a red box. It is published by Microsoft and is an Azure Service. The description states: "Create a logically isolated section in Microsoft Azure and security connect it outward." Below the description is a "Create" button. Other results include "Virtual network gateway", "Network connection", "Network interface", "Network Connections", "Local network gateway", "Network Manager", "CloudGuard Network Security for Azure Virtual Check Point", "Network security group", "KeyCisem Azure Virtual Network TAP Management", "KeyCisem Azure Virtual Network (VNet)", "Data Science Virtual Machine - Ubuntu 20.04", "Network License Manager for MATLAB", "Stormshield Elastic Virtual Appliance", "VMware SD-WAN by VeloCloud Virtual Edge", "Maplelog Virtual Network Appliance Image", "FS BIG-IP Virtual Edition (BIG-IP)", "Acure Virtual WAN Secured by FortiNet FortiGate", "Data Science Virtual Machine - Windows 2019", and "Trend Micro Cloud One - Network Security". Each result card includes a logo, title, publisher, description, and a "Create" button. At the bottom, there's a pagination bar showing "Page 1 of 32" and a "Next" button. A "Marketplace highlight" banner is visible at the bottom right.

## Step 4

In the **Basics** tab of the Create a virtual network wizard, fill out the following information:

1. Subscription: the subscription that you want to use.
2. Resource group: **Create new** and enter "RG\_Web\_Server" as the name of the new resource group.
3. Name: Enter "Web\_Server" as the name of the virtual network.
4. Region: the region that is closest to you.

The screenshot shows the 'Create virtual network' wizard in the Microsoft Azure portal, specifically the 'Basics' tab. The page has a blue header with the Microsoft Azure logo and a search bar. Below the header, there's a breadcrumb trail: 'Home > Create a resource > Marketplace >'. The main title is 'Create virtual network' with a close button (X) on the right. Below the title, there are tabs for 'Basics', 'Security', 'IP addresses', 'Tags', and 'Review + create'. The 'Basics' tab is selected. A brief description of Azure Virtual Networks (VNet) is provided. Under 'Project details', there's a note about selecting a subscription and resource group. Two dropdown menus are shown: 'Subscription' with 'Azure subscription 1' selected, and 'Resource group' with 'NetworkWg/center0' selected. Below these, there's a 'Create new' link. Under 'Instance details', there's a text input for 'Virtual network name' and a dropdown for 'Region' with 'US East US' selected. A 'Deploy to an edge zone' link is also present. At the bottom, there are three buttons: 'Previous', 'Next', and 'Review + create'. A 'Give feedback' link is in the bottom right corner.

Microsoft Azure

Search resources, services, and docs (Ctrl+K)

Home > Create a resource > Marketplace >

### Create virtual network

Basics Security IP addresses Tags Review + create

Azure Virtual Networks (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. What 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](#)

**Project details**

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

Subscription \* Azure subscription 1

Resource group \* NetworkWg/center0

[Create new](#)

**Instance details**

Virtual network name

Region \* US East US

[Deploy to an edge zone](#)

Previous Next Review + create

[Give feedback](#)

**Basics**   Security   IP addresses   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.](#) 

### Project details

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

Subscription \*

Azure subscription 1

Resource group \*

NetworkWatcherRG

[Create new](#)

### Instance details

Virtual network name

Region ⓘ \*

A resource group is a container that holds related resources for an Azure solution.

Name \*

RG\_Web\_Server

OK

Cancel

## Step 5

1. Select **IP addresses**.

Microsoft Azure

Search resources, services, and docs (Go)

Home > Create a resource > Marketplace

### Create virtual network

Basics Security **IP addresses** 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](#)

#### Project details

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

Subscription \* Azure subscription 1

Resource group \* Shared P2 Web Server

[Create new](#)

#### Instance details

Virtual network name Web-Server

Region US East US

[Deploy to an edge zone](#)

Previous Next Review + create

[Give feedback](#)

2. Delete the default address space by selecting the dots (...) next to **Add a Subnet** and select **Delete Address Space**.
3. There is a warning: **You must add at least one address space to the virtual network.**
4. Select **Add an Address Space**.
5. Fill in starting address: **172.16.1.0**
6. Fill in address space size: **/24 (256 Addresses)**.
7. Select **Add**.

## Step 6

Now, a Subnet has to be added.

1. Select **+ Add a subnet**.
2. Leave the details as default and select **Add**.

Microsoft Azure

Home > Create a resource > Marketplace >

### Create virtual network

Basics Security **IP addresses** Tags Review < create

Configure your virtual network address space with the IPv4 and IPv6 addresses and subnets you need. [Learn more](#)

Define the address space of your virtual network with one or more IPv4 or IPv6 address ranges. Create subnets to segment the virtual network address space into smaller ranges for use by your applications. When you deploy resources into a subnet, Azure assigns the resource an IP address from the subnet. [Learn more](#)

[Add an IP address space](#)

Subnets	IP address range	Size	NAT gateway
	172.16.1.0/24		

[+ Add a subnet](#)

172.16.1.0 - 172.16.1.255 (256 addresses)

A NAT gateway is recommended for outbound internet access from subnets. Add the subnet to add a NAT gateway. [Learn more](#)

#### Add a subnet

Select an address space and configure your subnet. You can customize a default subnet or select from subnet templates if you plan to add subnet services later. [Learn more](#)

IP address space: 172.16.1.0/24  
172.16.1.0 - 172.16.1.255 (256 addresses)

##### Subnet details

Subnet template: Default

Name: default

Starting address: 172.16.1.0

Subnet size: /24 (256 addresses)

IP address space: 172.16.1.0 - 172.16.1.255 (256 addresses)

##### Security

Simplify internet access for virtual machines by using a network address translation gateway. Filter subnet traffic using a network security group. [Learn more](#)

NAT gateway: Name  
[Create new](#)

Network security group: Name  
[Create new](#)

Route table: Name

[Add](#) [Cancel](#)

## Step 7

Select the **Review+ create** button to review the settings.

The screenshot shows the 'Create virtual network' wizard in the Microsoft Azure portal, specifically the 'Review + create' step. The breadcrumb navigation at the top indicates the path: Home > Create a resource > Marketplace > Create virtual network. The 'IP addresses' tab is selected, showing a configuration for a virtual network with the address space 172.16.1.0/24. Below this, a table lists the subnets, with one subnet named 'default' having the IP address range 172.16.1.0 - 172.16.1.255 and a size of /24 (256 addresses). A note at the bottom of the subnet configuration area states: 'A NAT gateway is recommended for outbound internet access from subnets. Edit the subnet to add a NAT gateway.' At the bottom of the page, there are three buttons: 'Previous', 'Next', and 'Review + create'. The 'Review + create' button is highlighted with a red rectangle, indicating it is the next step in the process. A 'Give feedback' link is visible in the bottom right corner.

Microsoft Azure

Home > Create a resource > Marketplace > Create virtual network

Search resources, services, and docs (Ctrl-D)

Review + create

Basics Security IP addresses Tags Review + create

Configure your virtual network address space with the IPv4 and IPv6 addresses and subnets you need. [Learn more](#)

Define the address space of your virtual network with one or more IPv4 or IPv6 address ranges. Create subnets to segment the virtual network address space into smaller ranges for use by your applications. When you deploy resources into a subnet, Azure assigns the resources an IP address from the subnet. [Learn more](#)

Add an IP address space

172.16.1.0/24 [+ Add a subnet](#)

172.16.1.0 - 172.16.1.255 (256 addresses)

Subnets	IP address range	Size	NAT gateway
default	172.16.1.0 - 172.16.1.255	/24 (256 addresses)	-

A NAT gateway is recommended for outbound internet access from subnets. Edit the subnet to add a NAT gateway. [Learn more](#)

Previous Next **Review + create**

[Give feedback](#)

## Step 8

Select the **Create** button to create the virtual network.

Microsoft Azure

Search resources, services, and docs (Ctrl)

Home > Create a resource > Marketplace >

Create virtual network

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

[View automation template](#)

**Basics**

Subscription	Azure subscription 1
Resource Group	RG_Web_Server
Name	Web_Server
Region	East US

**Security**

Azure Bastion	Disabled
Azure Firewall	Disabled
Azure DDoS Network Protection	Disabled

**IP addresses**

Address space	172.16.1.0/24 (256 addresses)
Subnet	default (172.16.1.0/24 (256 addresses))

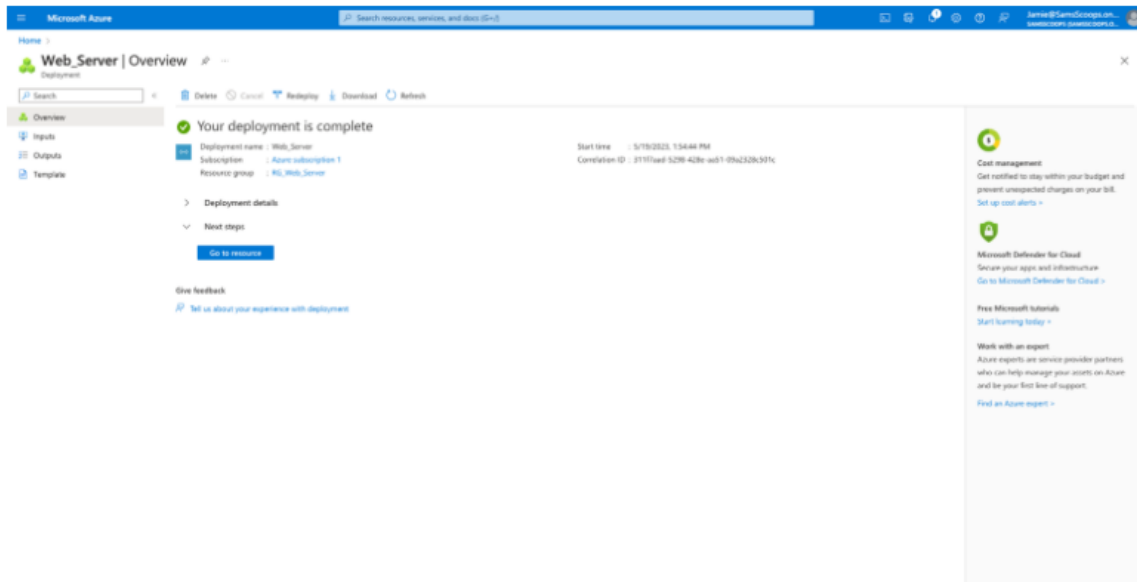
**Tags**

Previous Next **Create**

[Give feedback](#)

At this stage there should be a notification that says **Deployment in progress**. When the deployment is completed it should say **Your deployment is complete**.





Once the virtual network is created, you can proceed with creating the virtual machine for the Sam's Scoops web server.

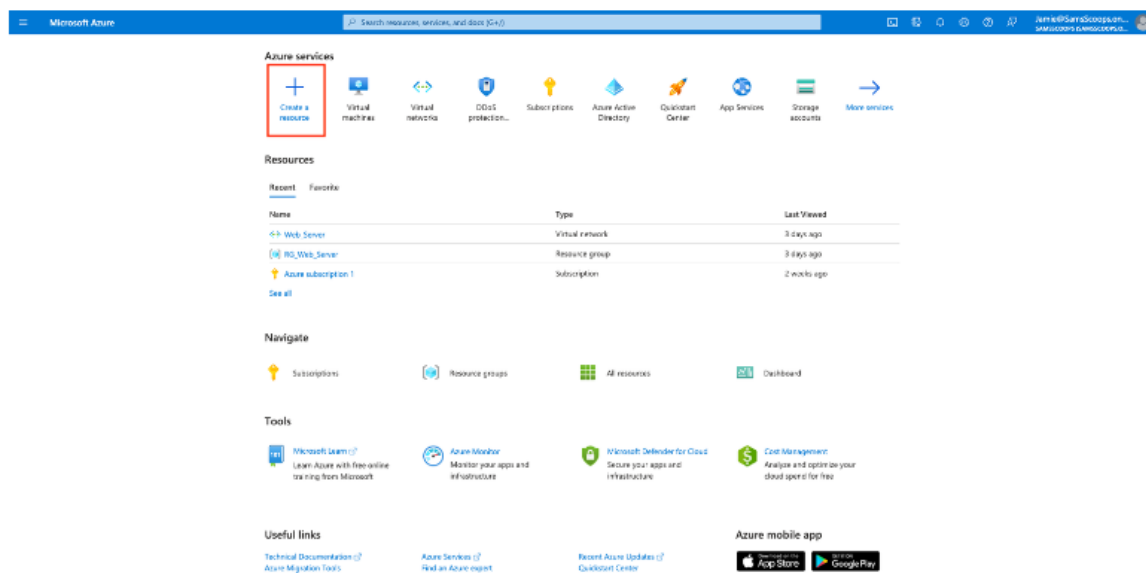
## Create the virtual machine

### Step 1

Sign in to the Azure portal with your credentials.

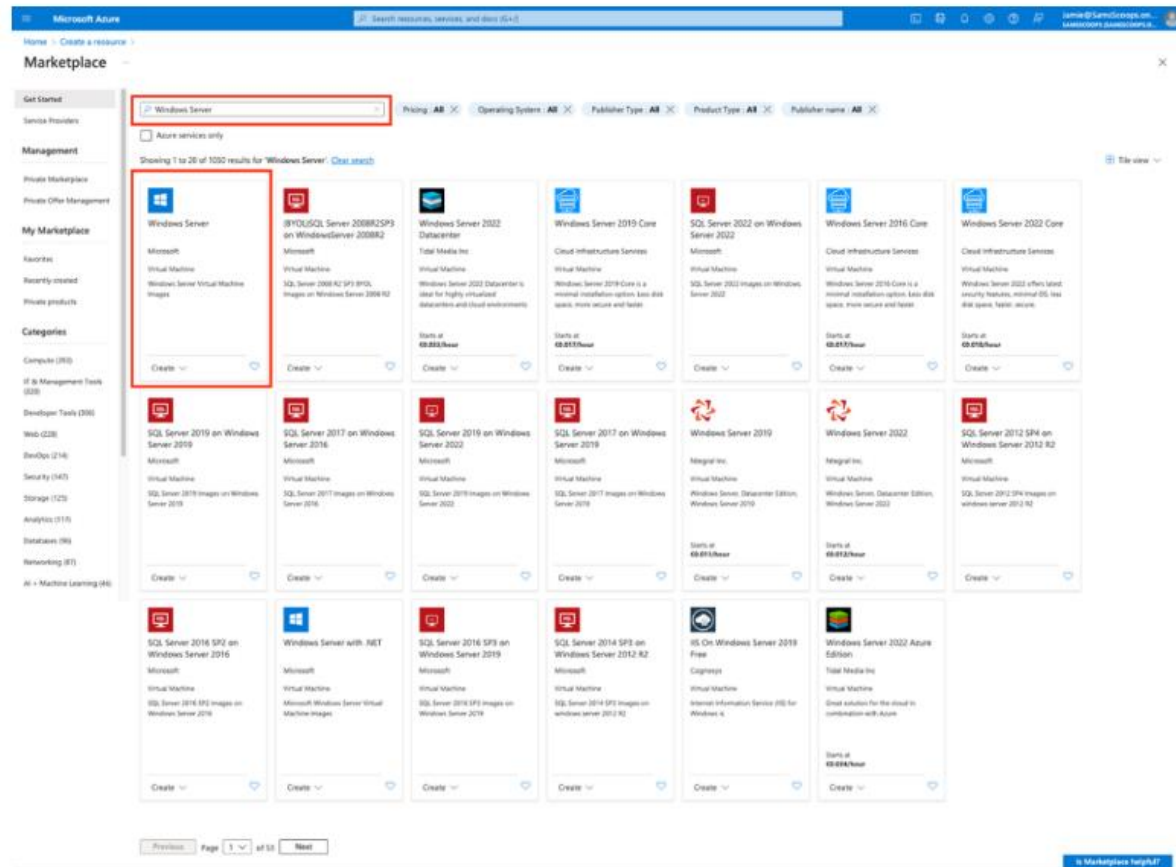
### Step 2

In the Azure portal menu, select the **Create a resource** button located on the left-hand side of the screen.



### Step 3

Search for "Windows Server" in the search bar and select **Windows Server** from the results.



1. Select the **Create** and select **Windows Server 2022 Datacenter: Azure Edition**.

#### Step 4

In the **Basics** tab of the Create a virtual machine wizard, fill out the following information:

1. Subscription: The subscription that you want to use.
2. Resource group: The existing resource group, **RG\_Web\_Server**.
3. Virtual machine name: Enter "SamScoopsWeb".
4. Region: The region that is closest to you.
5. Image: **Windows Server 2022 Datacenter -x64 Gen2**.
6. Size: An appropriate size for your virtual machine. It will be good idea to cheapest option for this exercise.
7. Username: **AzAdmin**
8. Password: **P@\$\$@1234567**
9. Confirm Password: **P@\$\$@1234567**

Microsoft Azure

Search resources, services, and docs (5+)

James@SamsConcepts.com

Home > Create a resource > Marketplace >

Create a virtual machine

Basics

Disks

Networking

Management

Monitoring

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 \*

Resource group \*

Instance details

Virtual machine name \*

Region \*

Availability options

Security type

Image \*

VM architecture

Run with Azure Spot discount

Size \*

Administrator account

Username \*

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 \*

Select inbound ports \*

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 40% with a license you already own using Azure Hybrid Benefit. [Learn more >](#)

Would you like to use an existing Windows Server license?

[Review Azure hybrid benefit compliance >](#)

Review > create

< Previous

Next : Disks >

Give feedback

## Step 5

Select the **Next: Disks** button to proceed to the Disks tab.

## Step 6

Leave the default settings for OS disk and select the **Next: Networking** button to proceed to the **Networking** tab.

The screenshot shows the 'Create a virtual machine' wizard in the Microsoft Azure portal, specifically the 'Disks' tab. The 'Disks' tab is highlighted with a red box. The 'OS disk' section shows 'Premium SSD (locally-redundant storage)' selected for the OS disk type, 'Delete with VM' checked, and 'Platform-managed key' selected for key management. The 'Data disks' section is empty. At the bottom, the 'Next: Networking' button is highlighted with a red box.

Microsoft Azure

Home > Create a resource > Marketplace

Create a virtual machine

Basics Disks Networking Management Monitoring 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](#)

**VM disk encryption**

Azure disk storage encryption automatically encrypts your data stored on Azure-managed disks (OS and data disks) at rest by default when persisting it to the cloud.

Encryption at host ☐

Encryption at host is not registered for the selected subscription. [Learn more about enabling this feature](#)

**OS disk**

OS disk type

Delete with VM ☒

Key management

Enable ultra disk compatibility ☐

Ultra disk is not supported with selected security type.

**Data disks for SemScopsWeb**

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 (GB)	Disk type	Host caching	Delete with VM
-----	------	-----------	-----------	--------------	----------------

[Create and attach a new disk](#) [Attach an existing disk](#)

Advanced

Review > create < Previous Next: Networking >

[Give feedback](#)

### Step 7

In the Networking tab, select the following settings:

1. Virtual network: **Web\_Server**.
2. Subnet: **default**.
3. Public IP: **Create new** and enter a name for the new public IP address.
4. NIC network security group: Leave the default setting.

### Step 8

Select the **Next: Management** button to proceed to the Management tab.

## Step 8

Select the **Next: Management** button to proceed to the Management tab.

Microsoft Azure

Search resources, services, and docs (Ctrl)

Home > Create a resource > Marketplace >

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 \*

Web Server

Create new

Subnet \*

default (172.16.1.0/24)

Manage subnet configuration

Public IP \*

new StaticPublicIP

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.

Delete public IP and NIC when VM is deleted

Enable 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

Give feedback



## Step 9

In the **Management** tab, leave the default settings and select the **Next: Monitoring** button to proceed to the **Monitoring** tab. Leave everything as default. Then select the **Next: Advanced** button to proceed to the **Advanced** tab.

The screenshot shows the 'Create a virtual machine' wizard in the Microsoft Azure portal, specifically the 'Management' tab. The 'Management' tab is highlighted in the top navigation bar. Below the tabs, there are several sections for configuring management options for the VM:

- Microsoft Defender for Cloud:** A green checkmark indicates that the subscription is protected by Microsoft Defender for Cloud basic plan.
- Identify:** A checkbox for 'Enable system assigned managed identity' is currently unchecked.
- Azure AD:** A checkbox for 'Login with Azure AD' is currently unchecked. A blue information icon indicates that RBAC role assignment of Virtual Machine Administrator Login or Virtual Machine User Login is required when using Azure AD login.
- Auto-shutdown:** A checkbox for 'Enable auto shutdown' is currently unchecked.
- Backup:** A checkbox for 'Enable backup' is currently unchecked.
- Guest OS updates:** A checkbox for 'Enable hotpatch' is currently unchecked. A blue information icon indicates that hotpatch is not available for the image.
- Patch orchestration options:** A dropdown menu is set to 'Automatic: by OS Windows Automatic Updates'. A blue information icon indicates that some patch orchestration options are not available for this image.

At the bottom of the page, there are three buttons: 'Review + create' (highlighted with a red box), '< Previous', and 'Next: Monitoring >' (highlighted with a red box). A 'Give feedback' link is also visible in the bottom right corner.

### Step 10

In the **Advanced** tab, leave the default settings and select the **Review + create** button.

Home > Create a resource > Marketplace >

# Create a virtual machine

Basics

Disks

Networking

Management

Monitoring

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](#)

## VM applications


VM applications contain application files that are securely and reliably downloaded on your VM after deployment. In addition to the application files, an install and uninstall script are included in the application. You can easily add or remove applications on your VM after create. [Learn more](#)

[Select a VM application 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

 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 for VMs](#)

## User data


Pass a script, configuration file, or other data that will be accessible to your applications **throughout the lifetime of the virtual machine**. Don't use user data for storing your secrets or passwords. [Learn more about user data for VMs](#)

User data ☐

## Performance (NVMe)


Enable capabilities to enhance the performance of your resources.

Higher remote disk storage performance with NVMe ☐

 The selected size is not supported for NVMe. [See suggested size limits](#)

## 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 groups found

## Capacity reservations


Capacity reservations allow you to reserve capacity for your virtual machine needs. You get the same SLA as normal virtual machines with the security of reserving the capacity ahead of time. [Learn more](#)

Capacity reservation group 

None

## 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

Review & create

< Previous

Next > Tags

[Give feedback](#)

## Step 11

Review the settings for your virtual machine and select the **Create** button to create your virtual machine and wait for deployment.

Microsoft Azure

Search resources, services, and docs (Ctrl-0)

Home > Create a resource > Marketplace >

Create a virtual machine

Validation passed

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

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

Price

1 X Standard B1s by Microsoft  
[Terms of use](#) | [Privacy policy](#)

Subscription credits apply  
**0.0140 USD/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 an 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	Azure subscription 1
Resource group	RG_Web_Server
Virtual machine name	SanScopeWeb
Region	East US
Availability options	No infrastructure redundancy required
Security type	Trusted launch virtual machines
Enable secure boot	Yes
Enable vTPM	Yes
Integrity monitoring	No
Image	Windows Server 2022 Datacenter Azure Edition - Gen2
VM architecture	x64
Size	Standard B1s (1 vCPU, 1 GiB memory)
Username	AutAdmin
Public inbound ports	RDP
Already have a Windows license?	No
Azure Spot	No

Disks

OS disk type	Premium SSD LRS
Use managed disks	Yes
Detach OS disk with VM	Enabled
Ephemeral OS disk	No

Networking

Virtual network	Web_Server
Subnet	default (172.16.1.0/24)
Public IP	(new) SanScopeWeb-ip
Accelerated networking	Off
Place this virtual machine behind an existing load balancing solution?	No
Delete public IP and NIC when VM is deleted	Disabled

## Step 12

Wait for the deployment to complete.

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and user information. The main heading is "CreateVm-MicrosoftWindowsServer.WindowsServer-202-20230522085916 | Overview". Below the heading, there are tabs for "Overview", "Inputs", "Outputs", and "Template". The "Overview" tab is selected, showing a deployment status of "Deployment is in progress". The deployment details include the name "CreateVm-MicrosoftWindowsServer.WindowsServer-202-20230522085916", the subscription "Azure subscription 1", and the resource group "RG\_Web\_Server". A table with columns "Resource", "Type", "Status", and "Operation details" is shown, but it contains no results. On the right side, there are several informational cards for "Microsoft Defender for Cloud", "Free Microsoft tutorials", and "Work with an expert".

The screenshot shows the Microsoft Azure portal interface after the deployment has completed. The main heading is "CreateVm-MicrosoftWindowsServer.WindowsServer-202-20230522085916 | Overview". Below the heading, there are tabs for "Overview", "Inputs", "Outputs", and "Template". The "Overview" tab is selected, showing a deployment status of "Your deployment is complete". The deployment details include the name "CreateVm-MicrosoftWindowsServer.WindowsServer-202-20230522085916", the subscription "Azure subscription 1", and the resource group "RG\_Web\_Server". Below the deployment details, there are "Next steps" including "Setup auto-shutdown", "Monitor VM health, performance and network dependencies", and "Run a script inside the virtual machine". At the bottom of the "Next steps" section, there are two buttons: "Go to resource" and "Create another VM". On the right side, there is a "Deployment succeeded" notification box with a "Go to resource" button. Below the notification, there are several informational cards for "Cost Management", "Microsoft Defender for Cloud", "Free Microsoft tutorials", and "Work with an expert".

## Connect to virtual machine

### Step 1

Once the deployment is complete, select the **Go to resource** button to navigate to the virtual machine page.

The screenshot shows the Microsoft Azure portal interface. At the top, there's a blue header with the Microsoft Azure logo and a search bar. Below the header, the breadcrumb navigation shows 'Home > CreateVm-MicrosoftWindowsServer.WindowsServer-202-20230522085916 | Overview'. The main content area displays a green checkmark and the message 'Your deployment is complete'. Below this, there's a section for 'Deployment details' showing the deployment name, subscription, and resource group. A 'Next steps' section lists several recommended actions: 'Setup auto shutdown', 'Monitor VM health, performance and network dependencies', and 'Run a script inside the virtual machine'. The 'Go to resource' button is highlighted with a red box. On the right side, there's a sidebar with various recommendations like 'Cost Management', 'Microsoft Defender for Cloud', and 'Free Microsoft tutorials'.

Microsoft Azure

Search resources, services, and docs (Go)

Home > CreateVm-MicrosoftWindowsServer.WindowsServer-202-20230522085916 | Overview

Deployment

Search

Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name: CreateVm-MicrosoftWindowsServer.WindowsServer-202-20230522085916 Start time: 5/22/2023, 9:15:58 AM  
Subscription: Azure subscription 1 Correlation ID: 1a3913d5-0776-454a-9876-b0a74ae3108f

Resource group: RG\_Misc\_Server

Deployment details

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

Give feedback

Tell us about your experience with deployment

Cost Management

Get notified to stay within your budget and prevent unexpected charges on your bill. Set up cost alerts >

Microsoft Defender for Cloud

Secure your apps and infrastructure. Go to Microsoft Defender for Cloud >

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 >

## Step 2

On the virtual machine page, select the **Connect** button.

The screenshot shows the Microsoft Azure portal interface for a virtual machine named 'SamScoopsWeb'. The 'Connect' button is highlighted with a red box. The page displays various details about the virtual machine, including its operating system, size, public IP address, and network configuration. The left sidebar contains a navigation menu with options like 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, Configuration, Identity, Properties, Scale, Operations, Backup, Disaster recovery, Updates, Inventory, Charge tracking, Automanage, Configuration management (Preview), Policies, and Run command.

**SamScoopsWeb**  
Virtual machines

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  
Configuration  
Identity  
Properties  
Scale  
Operations  
Backup  
Disaster recovery  
Updates  
Inventory  
Charge tracking  
Automanage  
Configuration management (Preview)  
Policies  
Run command

Essentials

Resource group: [RG\\_SamScoopsWeb](#)  
Status: [Running](#)  
Location: [East US](#)  
Subscription type: [Azure subscription](#)  
Subscription ID: [1094a030-4b2d-44b0-b465-11c4e0002a](#)

Operating system: [Windows \(Windows Server 2022 Datacenter Azure Edition\)](#)  
Size: [Standard B1s \(1 vCPU, 1 GiB memory\)](#)  
Public IP address: [13.91.3.202](#)  
Virtual network/subnet: [VNet\\_SamScoopsWeb](#)  
DNS name: [Not configured](#)  
Health state: [N/A](#)

Tags: [Add tags](#)

Properties Monitoring Capabilities (0) Recommendations Tutorials

**Virtual machine**

Computer name	SamScoopsWeb
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	2.1.0.1401.1083
Host group	None
Host	-
Proximity placement group	-
Calculation status	N/A
Capacity reservation group	-
Disk controller type	SCSI

[Availability + scaling](#)

**Networking**

Public IP address	<a href="#">23.91.3.202</a> / Network interface <a href="#">samscopoweb074</a>
Public IP address (IPv4)	-
Private IP address	172.16.1.8
Private IP address (IPv4)	-
Virtual network/subnet	<a href="#">VNet_SamScoopsWeb</a>
DNS name	<a href="#">Configure</a>

**Size**

Size	Standard B1s
vCPUs	1
RAM	1 GiB

**Disks**

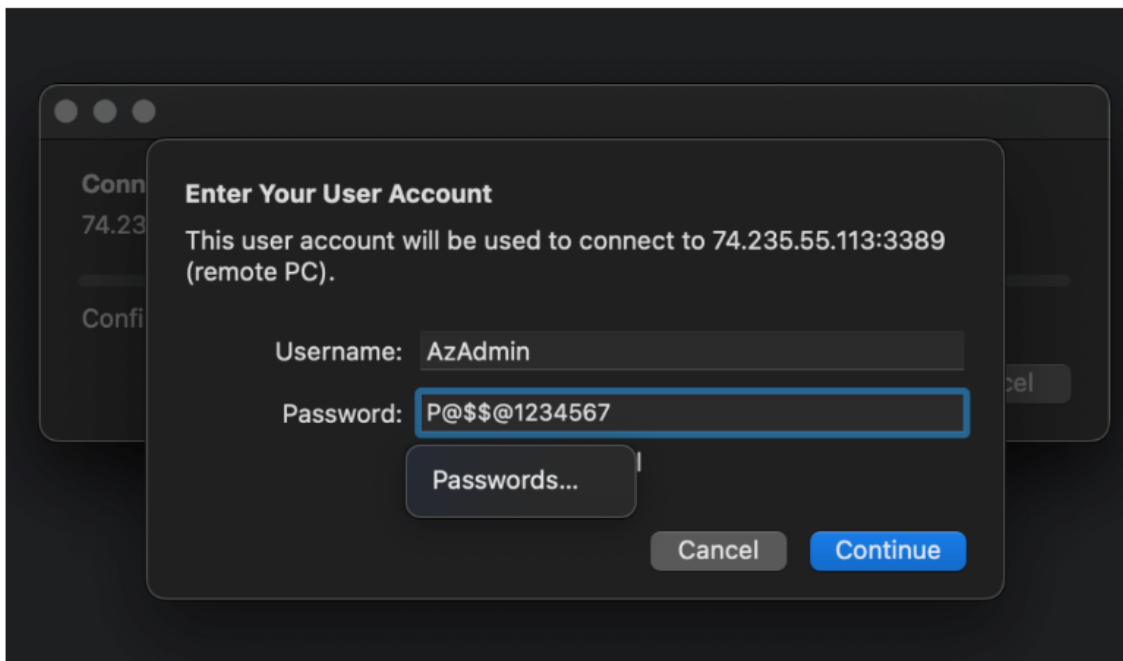
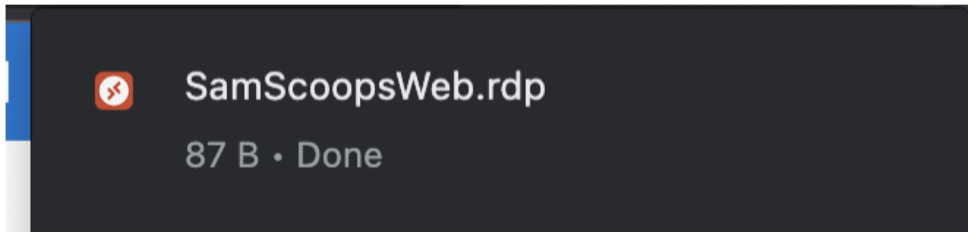
OS disk	SamScoopsWeb_OSCD_1_00000000000000000000000000000000
Encryption at host	Enabled
Azure disk encryption	Not enabled
Hyperfused OS disk	N/A

### Step 3

Select **RDP** from the options menu to download the RDP file. Select **Download RDP file**.

The screenshot shows the Microsoft Azure portal interface for a virtual machine named 'SamScoopsWeb'. The left sidebar contains various navigation options, including 'Overview', 'Activity log', 'Access control (IAM)', 'Tags', 'Diagnose and solve problems', 'Settings', 'Networking', 'Connect', 'Windows Admin Center', 'Disk', 'Size', 'Microsoft Defender for Cloud', 'Advisor recommendations', 'Extensions + applications', 'Availability + scaling', 'Configuration', 'Identity', 'Properties', 'Logs', 'Operations', 'Backup', 'Auto-shutdown', 'Startup', 'Disaster recovery', 'Updates', 'Inventory', 'Change tracking', 'Automation', 'Configuration management (Preview)', 'Policies', 'Run command', 'Monitoring', 'Insights', 'Alerts', 'Metrics', 'Diagnostic settings', 'Logs', and 'Connection monitor (Preview)'. The main content area is titled 'Connect' and shows options to connect to the virtual machine. The 'RDP' option is highlighted in a red box. Below it, the 'Download RDP file' button is also highlighted in a red box. The page includes a search bar, a status bar, and a list of settings and operations.

Open the downloaded RDP file and connect by using the credentials you have set while creating the virtual machine to connect to the virtual machine.



You have now created a Windows virtual machine in the Azure portal for **SamScoopsWeb**. You should be presented with the desktop of the Windows server.



You have now created a Windows virtual machine in the Azure portal for **SamScoopsWeb**. You should be presented with the desktop of the Windows server.

