

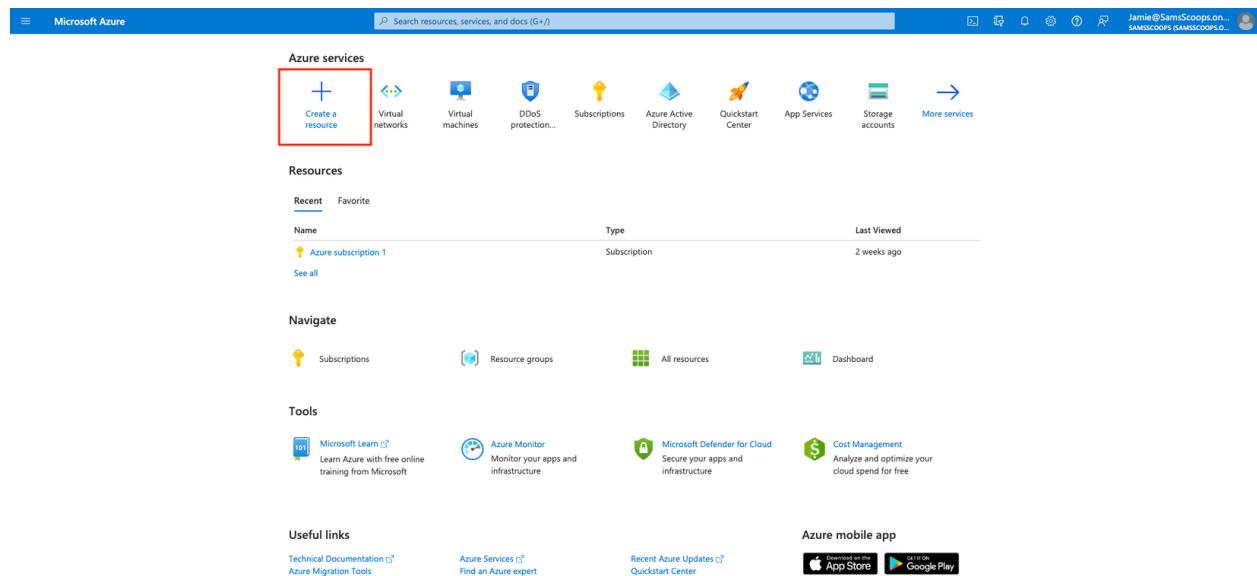
# Create the network and resource group

## 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**.

Microsoft Azure

Home > Create a resource > Marketplace

Search resources, services, and docs (0/1)

virtual network

Pricing: All | Operating System: All | Publisher Type: All | Product Type: All | Publisher name: All

Showing 1 to 20 of 626 results for 'virtual network'. Clear search

Virtual network

Microsoft Azure Service

Create a logically isolated section in Microsoft Azure and securely connect it outward.

Create

Virtual network gateway

Microsoft Azure Service

The VPN device in your Azure virtual network and used with site-to-site and VNet-to-VNet VPN connections.

Create

Network connection

Microsoft Azure Service

Network connections enable dev boxes to connect to your virtual networks.

Create

Network interface

Microsoft Azure Service

Create a Microsoft Azure Network Interface that allows you to connect a Virtual Machine to a Virtual Network.

Create

Network Connections

Microsoft Azure Service

Create a network connection to store configuration information like Active Directory join type and virtual network that dev boxes use to connect to network resources

Create

Local network gateway

Microsoft Azure Service

Represents the VPN device in your local network and used to set up a site-to-site VPN connection.

Create

Network Manager

Microsoft Azure Service

A centralized network management solution for globally managing network connectivity and security.

Create

CloudGuard Network Security for Azure Virtual Check Point

Microsoft Azure Application

Delivers advanced threat prevention and next-generation firewall security for Azure Virtual WAN

Starts at free

Create

Network security group

Microsoft Azure Service

A virtual firewall to control inbound and outbound traffic for virtual machines and subnets.

Create

KoçSistem Azure Virtual Network TAP Management

KoçSistem Bilgi ve İletişim Hizmetleri

Managed Services

Continuously mirror traffic from a virtual network to a packet collector with KoçSistem!

Create

KoçSistem Azure Virtual Network (VNet)

KoçSistem Bilgi ve İletişim Hizmetleri

Managed Services

Get an isolated Network and be more secure with the support of Azure Virtual Network Services!

Create

Data Science Virtual Machine - Ubuntu 20.04

Microsoft Virtual Machine

Data Science Virtual Machine - Ubuntu 20.04

Create

Network License Manager for MATLAB®

MathWorks Azure Application

Network based license validation for MATLAB

Price varies

Create

Stormshield Elastic Virtual Appliance

Stormshield Virtual Machine

EVA Next-Generation Firewall for public cloud environments

Bring your own license

Create

VMware SD-WAN by VeloCloud Virtual Edge

VeloCloud Virtual Machine

SD-WAN by VeloCloud Virtual Edge to extend SD-WAN network to customer's cloud infrastructure

Bring your own license

Create

Mapletap Virtual Network Appliance Image

Canadian Centre for Cyber Security Virtual Machine

Government of Canada tool for cloud network security

Create

FS BIG-IP Virtual Edition (BYOL)

FS, Inc. Virtual Machine

The BIG-IP Virtual Edition (VE) is FS's application delivery services platform for the Azure cloud!

Bring your own license

Create

Azure Virtual WAN Secured by Fortinet FortiGate

Fortinet Azure Application

FortiGate NGFW secures East/West and North/South traffic in Azure vWAN

Starts at free

Create

Data Science Virtual Machine - Windows 2019

Microsoft Virtual Machine

Development and modeling tools for AI, data science and analytics

Create

Trend Micro Cloud One™ - Network Security

Trend Micro Azure Application

Powerful network layer security for your multi-cloud environment.

Price varies

Create

Previous Page 1 of 32 Next

Is Marketplace helpful?

## 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.

Microsoft Azure Search resources, services, and docs (0/1)

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 \* NetworkWatcherRG  
[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

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 \* (New) RG\_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](#)

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

**You must add at least one address space to the virtual network.**

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

### Add an IP address space

The address space for a virtual network has one or more non-overlapping address ranges. It is recommended to use private (RFC 1918), shared (RFC 6598), or local (RFC 4193) address ranges. [Learn more.](#)

Address space type ☒ IPv4 ☐ IPv6

Starting address \* 172.16.1.0

Address space size \* /24 (256 addresses)

IP address space 172.16.1.0 - 172.16.1.255 (256 addresses)

Previous Next **Review + create**

**Add** Cancel

## 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

Search resources, services, and docs (Ctrl)

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

172.16.1.0/24

172.16.1.0 - 172.16.1.255 (256 addresses)

Subnets

IP address range

Size

NAT gateway

172.16.1.0 - 172.16.1.255 (256 addresses)

default

/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

#### 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 select 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

None

Create new

Network security group

None

Create new

Route table

None

Add

Cancel

## Step 7

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

Microsoft Azure

Search resources, services, and docs (Ctrl)

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

172.16.1.0/24

172.16.1.0 - 172.16.1.255 (256 addresses)

Subnets

IP address range

Size

NAT gateway

172.16.1.0 - 172.16.1.255 (256 addresses)

default

/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

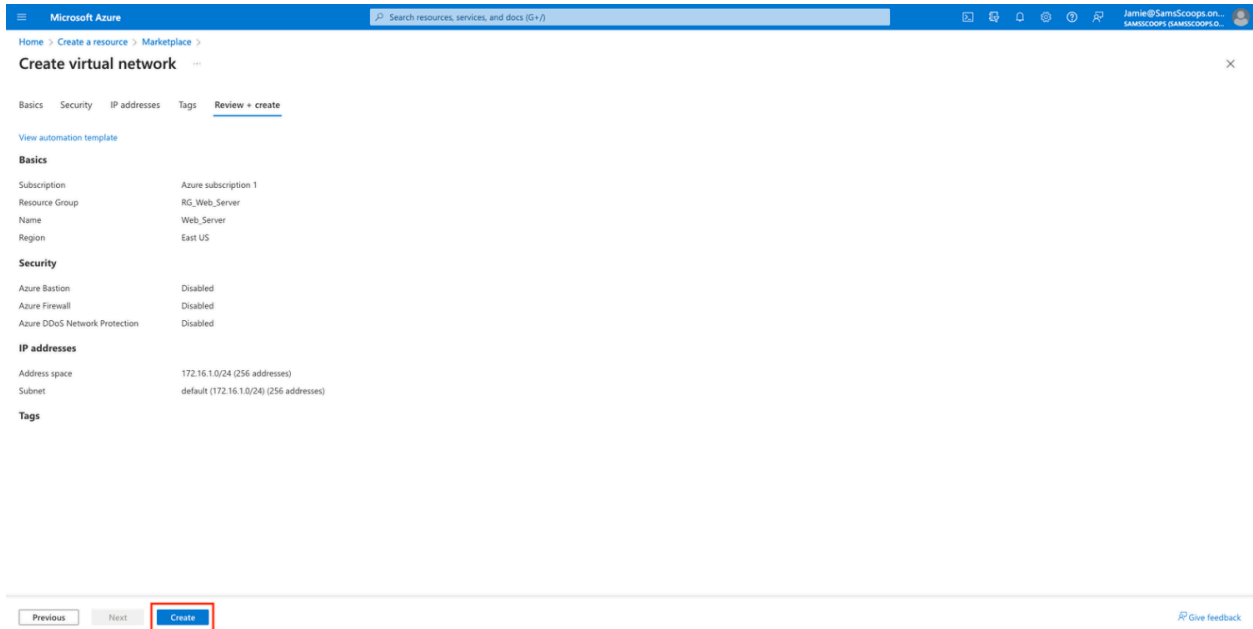
Next

Review + create

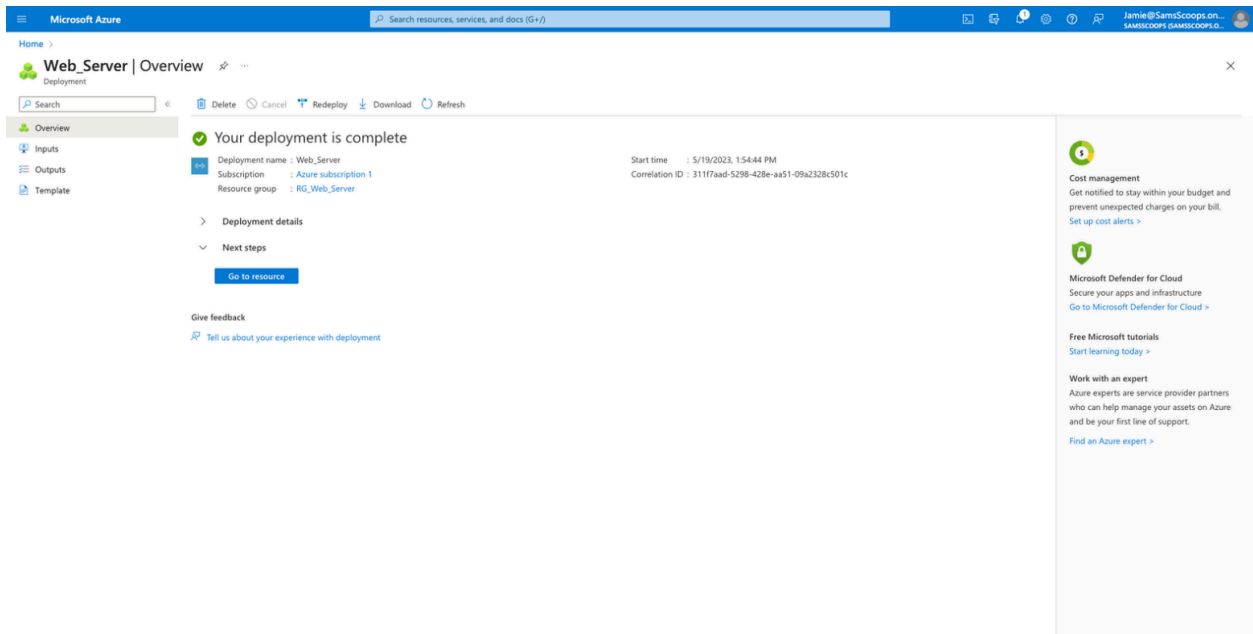
[Give feedback](#)

## Step 8

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



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.

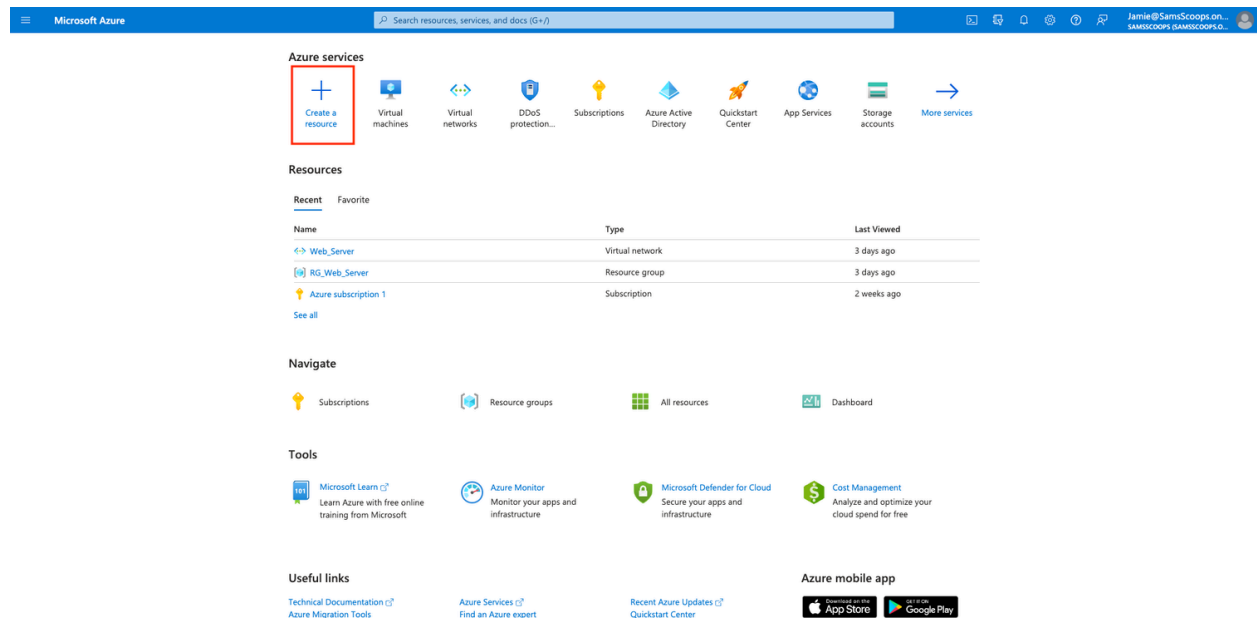
## Create the virtual machine

### Step 1

Sign in to the Azure portal with your credentials.

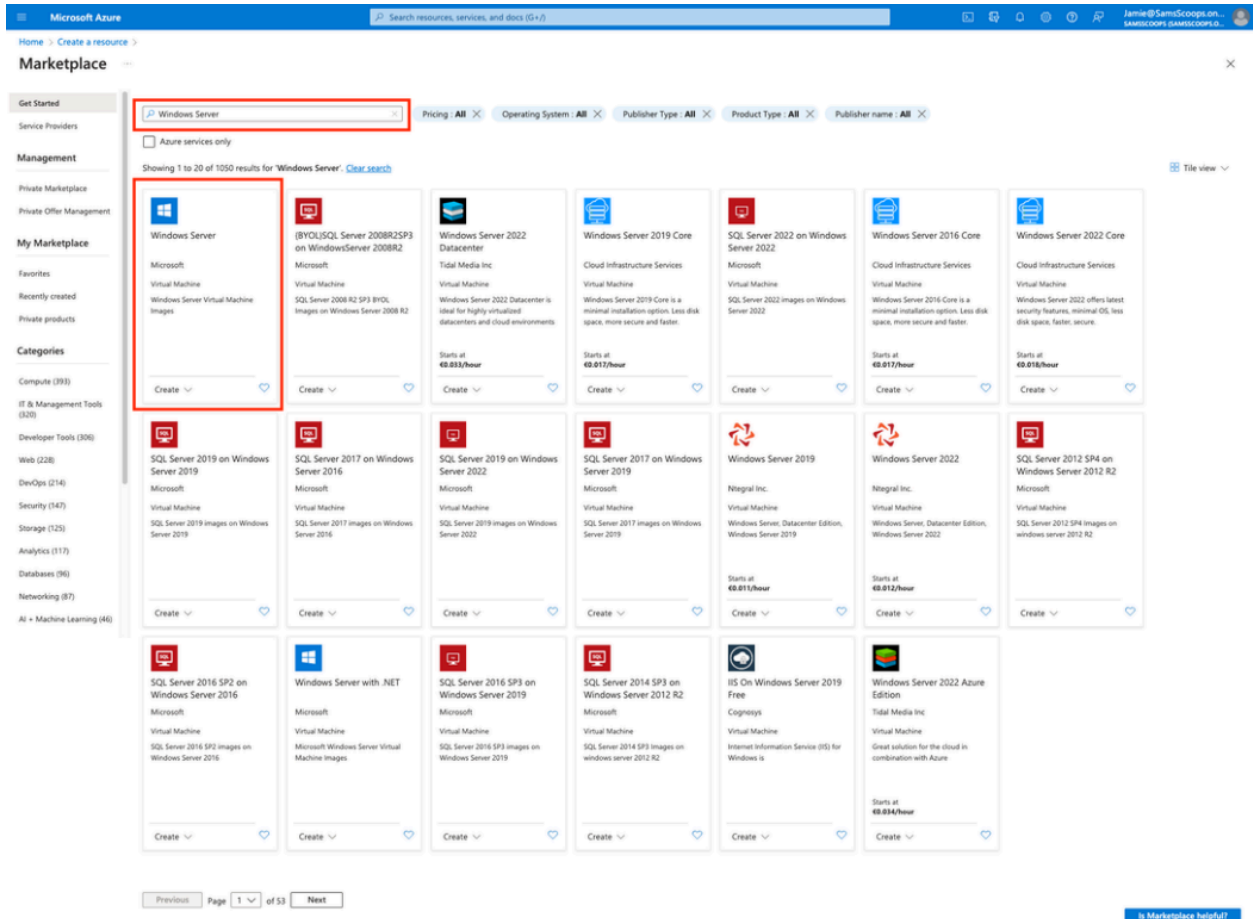
### Step 2

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

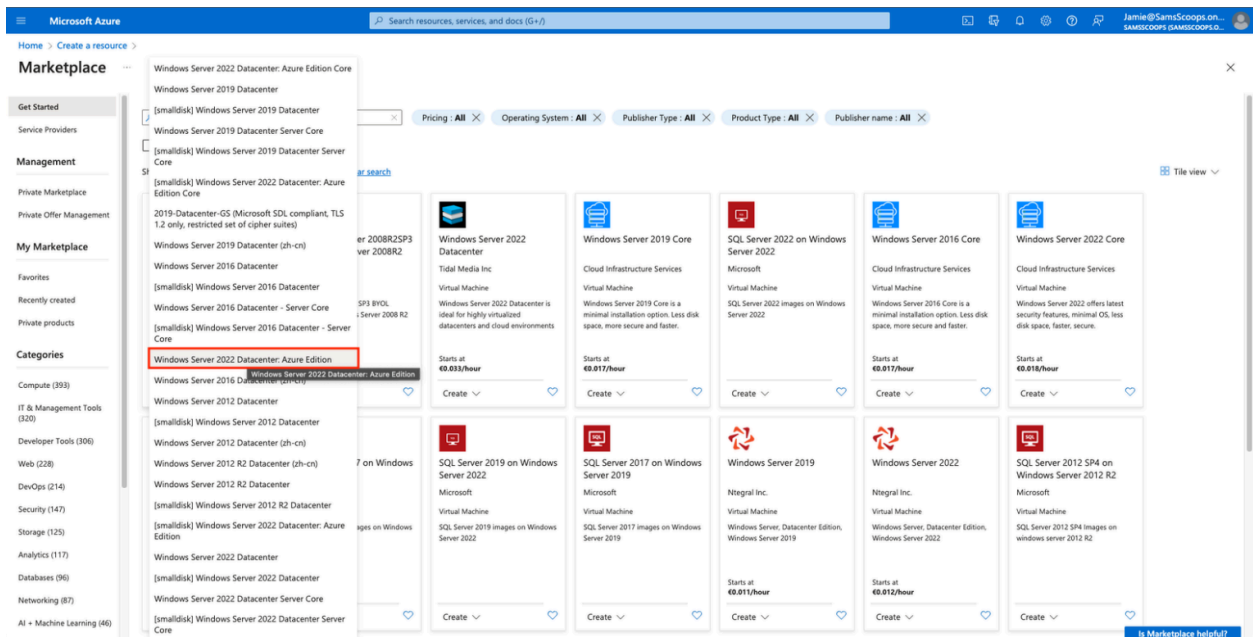


### Step 3

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

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 \* Azure subscription 1

Resource group \* RG\_Web\_Server

[Create new](#)

**Instance details**

Virtual machine name \* SamScoopsWeb

Region \* (US) East 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

[See all images](#) | [Configure VM generation](#)

VM architecture Arm64 x64

Arm64 is not supported with the selected image.

Run with Azure Spot discount

Size \* Standard\_B1s - 1 vcpu, 1 GiB memory (\$10.22/month)

[See all sizes](#)

**Administrator account**

Username \* AzAdmin

Password \* P@\$\$@1234567

Confirm password \* P@\$\$@1234567

**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)

**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 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.

Microsoft Azure Search resources, services, and docs (liv)

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 SamScoopsWeb

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	Delete with VM
<a href="#">Create and attach a new disk</a> <a href="#">Attach an existing disk</a>					

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.

Microsoft Azure Search resources, services, and docs (0/1)

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 \*  [Create new](#)

Subnet \*  [Manage subnet configuration](#)

Public IP  [Create new](#)

NIC network security group ☐ None ☒ Basic ☐ Advanced

Public inbound ports \* ☐ None ☒ Allow selected 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.

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.

Microsoft Azure Search resources, services, and docs (0/1)

Home > Create a resource > Marketplace >

## Create a virtual machine

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

Configure management options for your VM.

**Microsoft Defender for Cloud**

Microsoft Defender for Cloud provides unified security management and advanced threat protection across hybrid cloud workloads. [Learn more](#)

✔ Your subscription is protected by Microsoft Defender for Cloud basic plan.

**Identity**

Enable system assigned managed identity ☐

**Azure AD**

Login with Azure AD ☐ RBAC role assignment of Virtual Machine Administrator Login or Virtual Machine User Login is required when using Azure AD login. [Learn more](#)

**Auto-shutdown**

Enable auto-shutdown ☐

**Backup**

Enable backup ☐

**Guest OS updates**

Enable hotpatch ☐ Hotpatch is not available for this image. [Learn more](#)

Patch orchestration options  [Learn more](#)

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

[Give feedback](#)

## Step 10

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

Microsoft Azure

Search resources, services, and docs (Ctrl)

Home > Create a resource > Marketplace >

Create a virtual machine

Basic

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](#)

Enable 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 supported size families](#)

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)

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 E1s by Microsoft
Subscription credits apply
0.0140 USD/hr
Pricing for other VM sizes
Terms of use | Privacy policy

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: Azure subscription 1
Resource group: RG\_Web\_Server
Virtual machine name: SamScopeWeb
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 E1s (1 vCPU, 1 GiB memory)
Username: AzAdmin
Public inbound ports: RDP
Already have a Windows license?: No
Azure Spot: No

Disks
OS disk type: Premium SSD LRS
Use managed disks: Yes
Delete OS disk with VM: Enabled
Ephemeral OS disk: No

Networking
Virtual network: Web\_Server
Subnet: default (172.16.1.0/24)
Public IP: (new) SamScopeWeb-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

Management
Microsoft Defender for Cloud: Basic (free)
System assigned managed identity: Off
Login with Azure AD: Off
Auto-shutdown: Off
Backup: Disabled
Enable hotpatch: Off
Patch orchestration options: OS-orchestrated patching: patches will be installed by OS

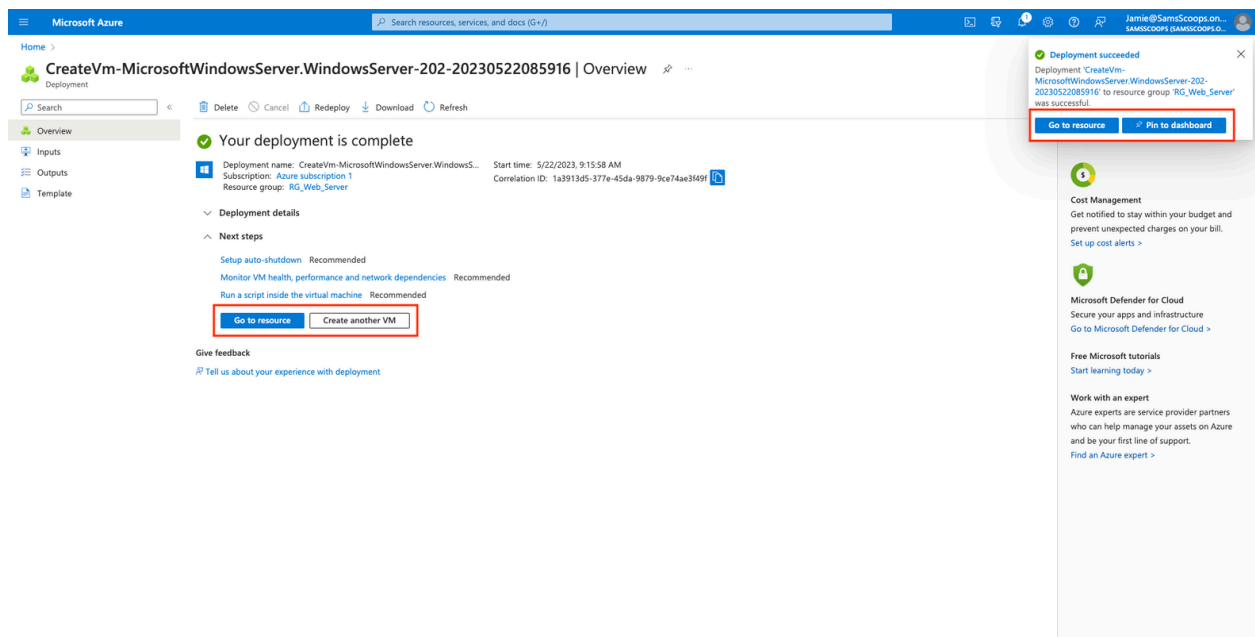
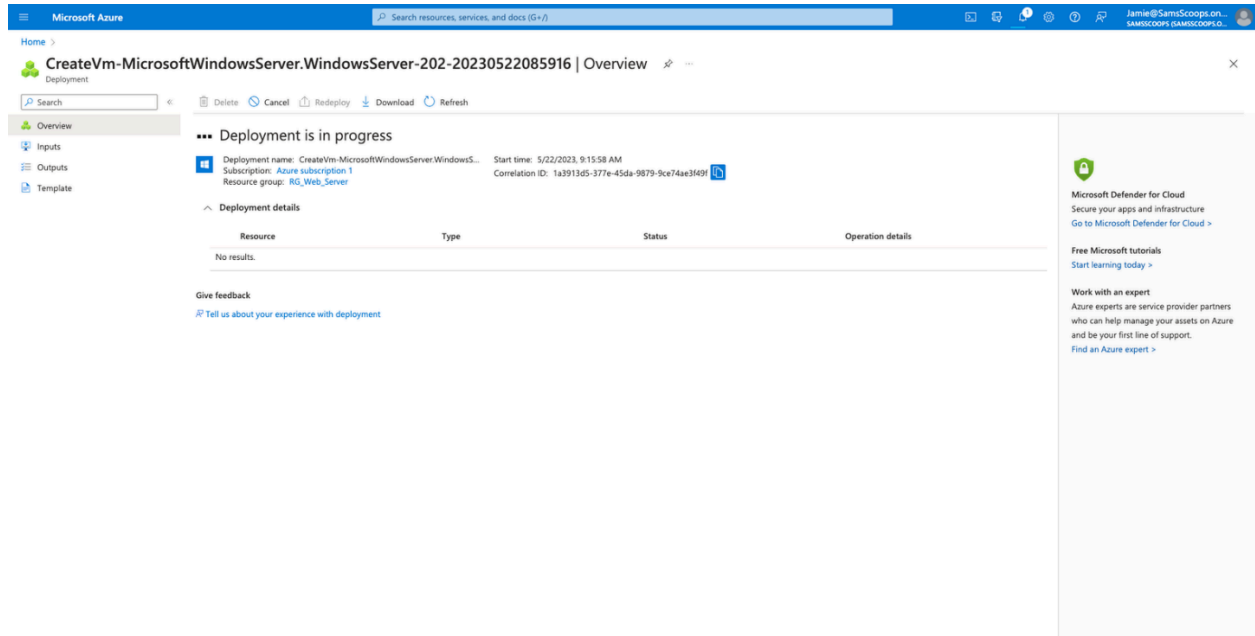
Monitoring
Alerts: Off
Boot diagnostics: On
Enable OS guest diagnostics: Off

Advanced
Extensions: None
VM applications: None
Cloud init: No
User data: No
Disk controller type: SCSI
Proximity placement group: None
Capacity reservation group: None

Create
Previous
Next
Download a template for automation
Give feedback

## Step 12

Wait for the deployment to complete.



Well done. The virtual machine is now deployed. You are now ready for the next phase where you need to connect to the virtual machine.

## Connect to virtual machine

### Step 1

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

Microsoft Azure

Search resources, services, and docs (Ctrl)

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.WindowsS... Start time: 5/22/2023, 9:15:58 AM  
Subscription: Azure subscription 1 Correlation ID: 1a3913d5-377e-45da-9879-9ce74ae3f49f  
Resource group: RG\_Web\_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.

Microsoft Azure

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

### SamScoopsWeb

Virtual machine

Search

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

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
  - Locks
- Operations
  - Bastion
  - Auto-shutdown
  - Backup
  - Disaster recovery
  - Updates
  - Inventory
  - Change tracking
  - Automanage
  - Configuration management (Preview)
  - Policies
  - Run command
- Monitoring
  - Insights
  - Alerts
  - Metrics
  - Diagnostic settings
  - Logs
  - Connection monitor (classic)
  - Workbooks
- Automation
  - Tasks (preview)
  - Export template
- Help
  - Resource health
  - Boot diagnostics
  - Performance diagnostics
  - VM Inspector (Preview)
  - Reset password
  - Redeploy + reapply
  - Serial console
  - Network security group test
  - Support + Troubleshooting

Essentials

Resource group (move) : [RG\\_Web\\_Server](#)

Status : Running

Location : East US

Subscription (move) : [Azure subscription 1](#)

Subscription ID : 1094ab39-adb6-44d9-bfe6-51c9ea9202e

Operating system : Windows (Windows Server 2022 Datacenter Azure Edition)

Size : Standard B1s (1 vcpu, 1 GiB memory)

Public IP address : [23.96.3.202](#)

Virtual network/subnet : [Web\\_Server/default](#)

DNS name : [Not configured](#)

Health state : -

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

JSON View

Properties Monitoring Capabilities (8) 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	2.7.41491.1083
Host group	None
Host	-
Proximity placement group	-
Colocation status	N/A
Capacity reservation group	-
Disk controller type	SCSI

#### Networking

Public IP address	<a href="#">23.96.3.202</a> ( Network interface <a href="#">samscoopsweb874</a> )
Public IP address (IPv6)	-
Private IP address	172.16.1.4
Private IP address (IPv6)	-
Virtual network/subnet	<a href="#">Web_Server/default</a>
DNS name	<a href="#">Configure</a>

#### Size

Size	Standard B1s
vCPUs	1
RAM	1 GiB

#### Disk

OS disk	SamScoopsWeb_ChDisk_1_0b083bd2b36a49d2968b35943516fe1e
Encryption at host	Disabled
Azure disk encryption	Not enabled
Ephemeral OS disk	N/A

#### Availability + scaling

## Step 3

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



Microsoft Azure

Home > CreateVM > MicrosoftWindowsServer > WindowsServer-202-20230522085916 | Overview > SamScoopsWeb

### SamScoopsWeb | Connect

Virtual machine

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Networking

Connect

Windows Admin Center

Disks

Microsoft Defender for Cloud

Advisor recommendations

Extensions + applications

Availability + scaling

Configuration

Identity

Properties

Locks

Operations

Bastion

Auto-shutdown

Backup

Disaster recovery

Updates

Inventory

Change tracking

Automanage

Configuration management (Preview)

Policies

Run command

Monitoring

Insights

Alerts

Metrics

Diagnostic settings

Logs

Connection monitor (classic)

Workbooks

Automation

Tasks (preview)

Export template

Help

Resource health

Boot diagnostics

Performance diagnostics

VM Inspector (Preview)

Reset password

Redeploy + reapply

Serial console

Network security group test

Support + Troubleshooting

To improve security, enable just-in-time access on this VM. →

RDP SSH Bastion

#### Connect with RDP

Suggested method for connecting

Azure has checked the status for the most common prerequisites when connecting using this method.

- Checking network security group for inbound access from your client's IP address. [Learn more](#)
- The VM's network interface has a Public IP address. [Learn more](#)
- The VM is running.

To connect to your virtual machine via RDP, select an IP address, optionally change the port number, and download the RDP file.

IP address \*

Public IP address (23.96.3.202)

Port number \*

3389

Download RDP File

Can't connect?

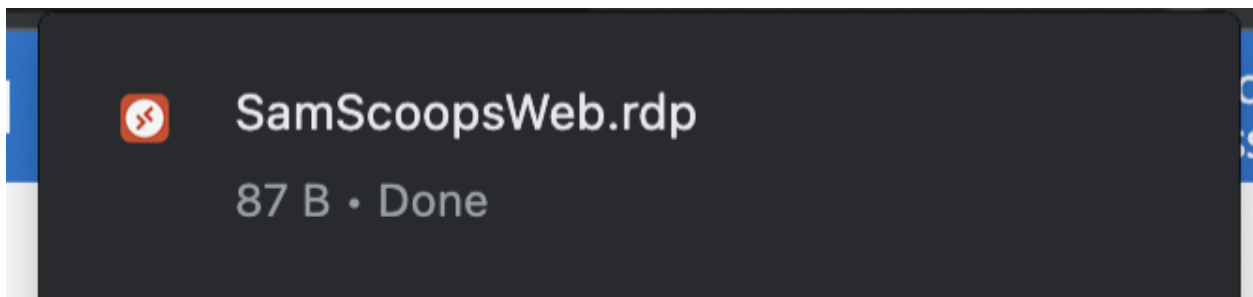
- Test network security groups
- Run a comprehensive RDP connectivity test

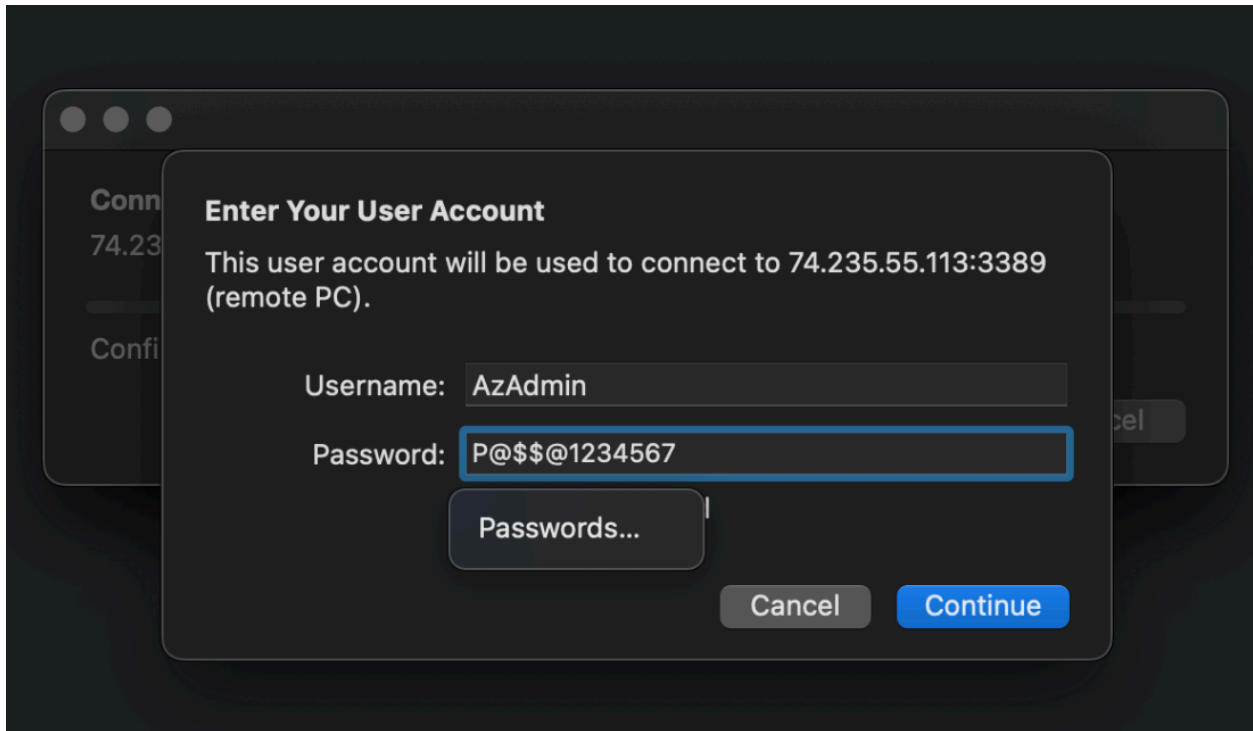
Provide feedback

Tell us about your RDP experience

## Step 4

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.

