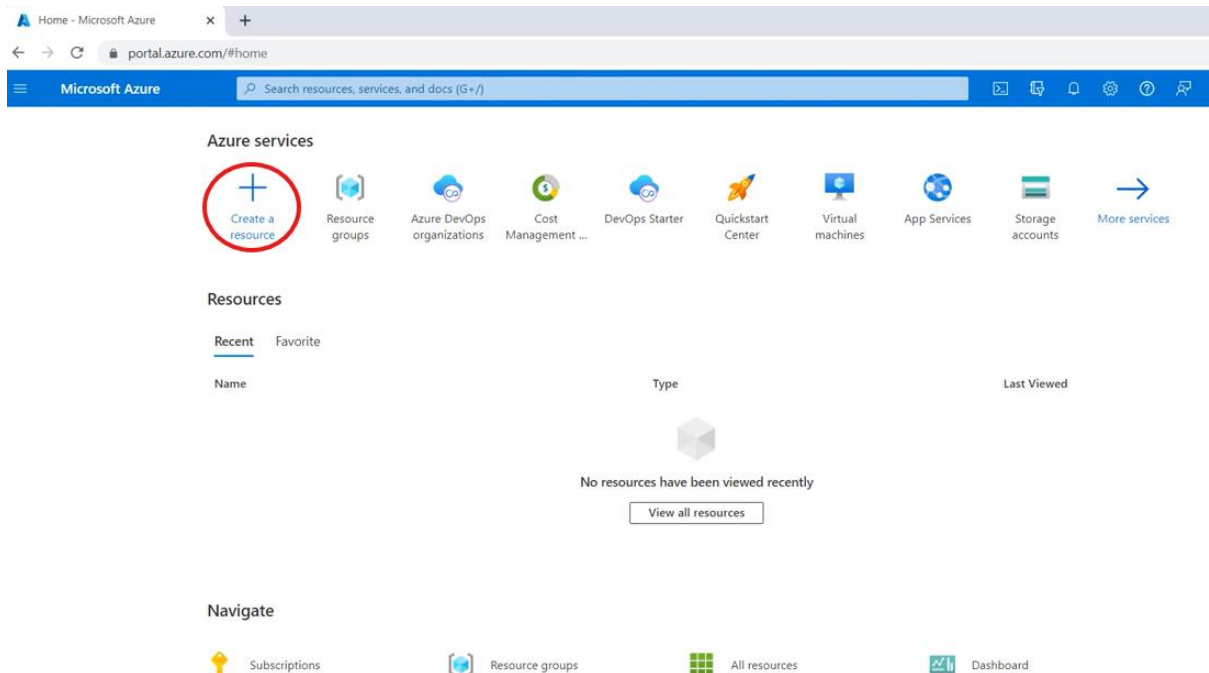


Step 1: Sign in to the Azure Portal

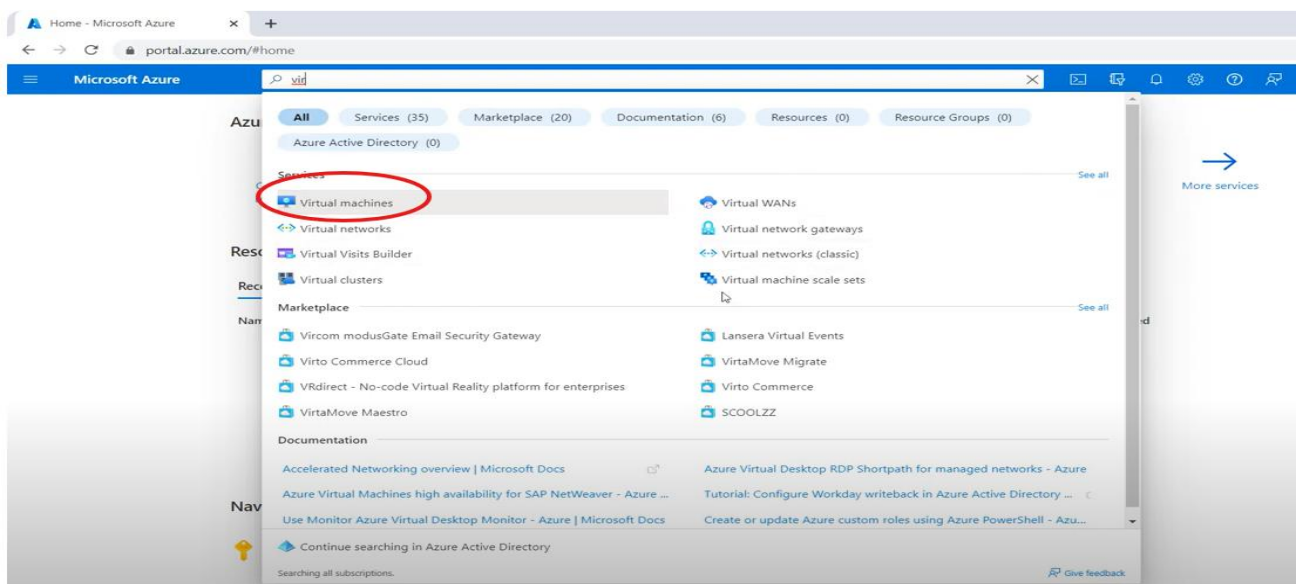
- Open your web browser and go to the [Azure Portal](https://portal.azure.com).
- Sign in with your **Microsoft account** or **organizational account**.

Step 2: Navigate to Virtual Machines

- In the left sidebar, click on "**Create a resource**".

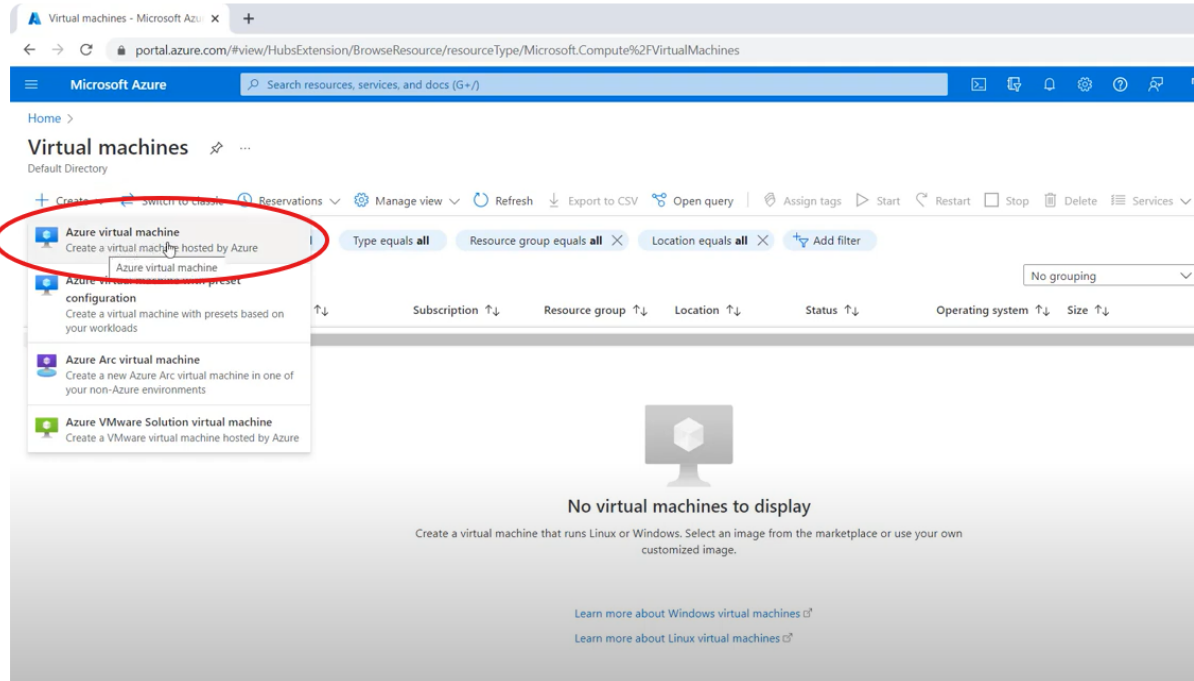


- In the search box, type "**Virtual Machine**" and select "**Virtual Machine**" from the results.



Step 3: Start the VM Creation Process

- Click **"Create"** to start the process of creating a new Virtual Machine.



Step 4: Configure Basic Settings

On the **"Basics"** tab, fill in the following fields:

Subscription: Choose the **Azure subscription** you want to use.

Resource Group: Either select an existing resource group or click **"Create new"** to create a new resource group for the VM.

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

Microsoft Azure Search resources, services, and docs (G+)

Home > Virtual machines >

Create a virtual machine

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 Pass - Sponsorship

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

Instance details

Virtual machine name * ⓘ

Region * ⓘ (US) Central US

Availability options ⓘ Availability zone

Availability zone * ⓘ Zones 1

☒ You can now select multiple zones. Selecting multiple zones will create one VM per zone. [Learn more](#)

Security type ⓘ Standard

Image ⓘ Ubuntu Server 20.04 LTS - Gen2

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

Virtual Machine Name: Enter a unique name for your VM.

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

Microsoft Azure Search resources, services, and docs (G+)

Home > Virtual machines >

Create a virtual machine

your resources

Subscription * ⓘ Azure Pass - Sponsorship

Resource group * ⓘ (New) myvmrg
[Create new](#)

Instance details

Virtual machine name * ⓘ myvmone

Region * ⓘ (US) Central US

Availability options ⓘ Availability zone

Availability zone * ⓘ

No infrastructure redundancy required

Availability zone
Physically separate your resources within an Azure region.

Virtual machine scale set
Distribute VMs across zones and fault domains at scale

Availability set
Automatically distribute your VMs across multiple fault domains.

Security type ⓘ

Image ⓘ

Run with Azure Spot discount ⓘ ☐

Size * ⓘ See all sizes

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

Region: Choose the **Azure region** where you want to deploy the VM (e.g., East US, West Europe, etc.).

Availability Options: Select if you need any availability options (e.g., availability zone or availability set).

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

Microsoft Azure Search resources, services, and docs (G+/)

Home > Virtual machines >

Create a virtual machine

Instance details

Virtual machine name *

Region *

Availability options

Security type

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

Run with Azure Spot discount ☐

Size *
[See all sizes](#)

Administrator account

Authentication type ☒ SSH public key ☐ Password

Azure now automatically generates an SSH key pair for you and allows you to store it for future use. It is a fast, simple, and secure way to connect to your virtual machine.

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

Image: Select "Windows" (for example, Windows Server 2019 Datacenter or Windows 10).

Create a virtual machine - Micro: x +

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

Microsoft Azure Search resources, services, and docs (G+/)

Home > Virtual machines >

Create a virtual machine

Instance details

Virtual machine name *

Region *

Availability options

Security type

Image *
 NEW! THE ENTERPRISE LINUX OS. JOINING THE GEN2.
 Oracle Linux 8.5 (LVM) - Gen2
 Debian 11 "Bullseye" - Gen2
 CentOS-based 7.9 - Gen2
 Windows Server 2022 Datacenter: Azure Edition - Gen2
 Windows Server 2019 Datacenter - Gen2
 Windows Server 2016 Datacenter - Gen2
 Windows 10 Pro, version 21H2 - Gen2
 Windows 11 Pro - Gen2
[See all images](#)

Run with Azure Spot discount ☐

Size *

Administrator account

Authentication type ☒ SSH public key ☐ Password

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

Size: Choose the VM size (e.g., Standard D2s v3). The size determines the CPU, memory, and storage for your VM. You can click "See all sizes" to choose a different size.

Create a virtual machine - Microsoft

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

Microsoft Azure

Home > Virtual machines >

Create a virtual machine

Instance details

Virtual machine name * myvmone ✓

Region * (US) Central US

Availability options No infrastructure redundancy required

Security type Standard

Image * Windows 10 Pro, version 21H2 - Gen2
[See all images](#) | [Configure VM generation](#)

Run with Azure Spot discount ☒

Size *

Recommended by image publisher

Standard_DS1_v2 - 1 vcpu, 3.5 GiB memory (₹3,839.29/month)

Standard_D4s_v3 - 4 vcpus, 16 GiB memory (₹11,570.47/month)

Standard_E2s_v3 - 2 vcpus, 16 GiB memory (₹7,678.58/month)

[See all sizes](#)

The value must not be empty.

Administrator account

Username *

Password *

Review + create < Previous Next : Disks >

Create a virtual machine - Microsoft

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

Microsoft Azure

Home > Virtual machines >

Create a virtual machine

Instance details

Virtual machine name * myvmone ✓

Region * (US) Central US

Availability options No infrastructure redundancy required

Security type Standard

Image * Windows 11 Pro - Gen2
[See all images](#) | [Configure VM generation](#)

Run with Azure Spot discount ☐

Size *

Recommended by image publisher

Standard_D2 - 2 vcpus, 7 GiB memory (₹8,099.33/month)

Standard_D2_v2 - 2 vcpus, 7 GiB memory (₹7,678.58/month)

Standard_DS2 - 2 vcpus, 7 GiB memory (₹8,099.33/month)

[See all sizes](#)

The value must not be empty.

Administrator account

Username *

Password *

Review + create < Previous Next : Disks >

- **Authentication Type:** Choose **Password** or **SSH public key**. For **Password**, you'll need to set a username and password (e.g., adminuser and yourpassword123).

Username: Enter a username for the VM's admin account.

Password: Enter a password for the admin account.

Inbound Port Rules: Select Allow selected ports and then choose ports such as RDP (3389), which allows remote access to the Windows VM.

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

Microsoft Azure Search resources, services, and docs (G+)

Home > Virtual machines >

Create a virtual machine

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)
- ☐ HTTP (80)
- ☒ HTTPS (443)
- ☐ SSH (22)
- ☒ RDP (3389)

Licensing

☐ I confirm I have an eligible Windows 10 license with multi-tenant hosting rights. [Review multi-tenant hosting rights for Windows 10 compliance](#)

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

Step 5: Configure Disks

- In the **Disks** tab, choose the **OS disk type**:
 - Standard SSD** (lower cost)
 - Premium SSD** (better performance)
- You can also add data disks here if needed.

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

Microsoft Azure Search resources, services, and docs (G+)

Home > Virtual machines >

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 *

Delete with VM ☒

Enable encryption at host ☐

Encryption type *

Enable Ultra Disk compatibility ☐
Ultra disk is not supported for the selected VM size Standard_DS2 in Central US.

Data disks for myvmone
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

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

Step 6: Configure Networking

- In the **Networking** tab, select a **Virtual Network (VNet)** and **Subnet**. If you don't have one, you can create a new VNet here.
- Choose whether you want the VM to have a **Public IP** (for external access) and select **Network Security Group (NSG)** settings. The NSG helps define firewall rules for accessing the VM.
- Set **NIC network settings** if needed (e.g., DNS settings).

The screenshot shows the 'Create a virtual machine' page in the Microsoft Azure portal, specifically the 'Networking' tab. The page is titled 'Create a virtual machine' and has a breadcrumb trail 'Home > Virtual machines >'. Below the title, there are tabs for 'Basics', 'Disks', 'Networking' (which is selected), 'Management', 'Advanced', 'Tags', and 'Review + create'. A descriptive text block explains that the Networking tab is for defining network connectivity by configuring network interface card (NIC) settings, including ports, security group rules, and load balancing solutions. Below this, the 'Network interface' section states that a network interface will be created for the VM. The configuration form includes several fields: 'Virtual network' (set to '(new) myvmrg-vnet'), 'Subnet' (set to '(new) default (10.0.0.0/24)'), 'Public IP' (set to '(new) myvmone-ip'), 'NIC network security group' (with radio buttons for 'None', 'Basic' (selected), and 'Advanced'), 'Public inbound ports' (with radio buttons for 'None' and 'Allow selected ports' (selected)), and 'Select inbound ports' (set to 'HTTP (80), RDP (3389)'). At the bottom, there are buttons for 'Review + create', '< Previous', and 'Next: Management >'.

Create a virtual machine - Microsoft Azure

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

Microsoft Azure

Home > Virtual machines >

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 * (new) myvmrg-vnet [Create new](#)

Subnet * (new) default (10.0.0.0/24)

Public IP (new) myvmone-ip [Create new](#)

NIC network security group ☐ None ☒ Basic ☐ Advanced

Public inbound ports * ☐ None ☒ Allow selected ports

Select inbound ports * HTTP (80), RDP (3389)

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

Create a virtual machine - Microsoft Azure

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

Microsoft Azure

Home > Virtual machines >

Create a virtual machine

☒ Allow selected ports

Select inbound ports * HTTP (80), 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](#)

Load balancing options ☒ None

☐ Azure load balancer
Supports all TCP/UDP network traffic, port-forwarding, and outbound flows.

☐ Application gateway
Web traffic load balancer for HTTP/HTTPS with URL-based routing, SSL termination, session persistence, and web application firewall.

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

Step 7: Configure Management (Optional)

- In the **Management** tab, configure options such as monitoring, boot diagnostics, and auto-shutdown if needed.
- You can enable **Azure Monitoring** for metrics and logs.

Create a virtual machine - Micros x +

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

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

Home > Virtual machines >

Create a virtual machine...

BasicsDisksNetworkingManagementAdvancedTagsReview + create

Configure monitoring and 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](#)

Enable basic plan for free ⓘ☒

This will apply to every VM in the selected subscription

Monitoring

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

Enable OS guest diagnostics ⓘ☐

Identity

Enable system assigned managed identity ⓘ☐

Azure AD

☐

Review + create< PreviousNext : Advanced >

Create a virtual machine - Micros x +

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

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

Home > Virtual machines >

Create a virtual machine...

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 ⓘ☐

Site Recovery

Enable Disaster Recovery ⓘ☐

Guest OS updates

Enable hotpatch ⓘ☐

ⓘ Hotpatching is available only with Windows Server 2022 Datacenter: Azure Edition Core.

Patch orchestration options ⓘ

Automatic by OS (Windows Automatic Updates)▼

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

Review + create< PreviousNext : Advanced >

The screenshot shows the 'Create a virtual machine' page in the Microsoft Azure portal. The browser address bar shows 'portal.azure.com/#create/Microsoft.VirtualMachine'. The page has a blue header with the Microsoft Azure logo and a search bar. The main content area is titled 'Create a virtual machine' and has a breadcrumb trail 'Home > Virtual machines >'. Below the title, there are tabs for 'Basics', 'Disks', 'Networking', 'Management', 'Advanced' (which is selected), 'Tags', and 'Review + create'. The 'Advanced' tab contains sections for 'Extensions', 'VM applications', and 'Custom data'. The 'Extensions' section has a link 'Select an extension to install'. The 'VM applications' section has a link 'Select a VM application to install'. The 'Custom data' section has a text area for entering data. At the bottom, there are buttons for 'Review + create', '< Previous', and 'Next : Tags >'.

Step 8: Review + Create

- Review all your configurations and settings.
- Once everything looks good, click "**Create**" to deploy the Windows VM.

The screenshot shows the 'Create a virtual machine' page in the Microsoft Azure portal, specifically the 'Review + create' tab. The browser address bar shows 'portal.azure.com/#create/Microsoft.VirtualMachine'. The page has a blue header with the Microsoft Azure logo and a search bar. The main content area is titled 'Create a virtual machine' and has a breadcrumb trail 'Home > Virtual machines >'. Below the title, there are tabs for 'Basics', 'Disks', 'Networking', 'Management', 'Advanced', 'Tags', and 'Review + create' (which is selected). The 'Review + create' tab contains a warning message: 'Changing Basic options may reset selections you have made. Review all options prior to creating the virtual machine.' Below this, there is a section for 'Inbound port rules' with a description: '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.' The 'Public inbound ports' section has two radio buttons: 'None' and 'Allow selected ports' (which is selected). Below this, there is a dropdown menu for 'Select inbound ports' with the value 'HTTP (80), RDP (3389)'. A warning message below the dropdown states: '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.' Below this, there is a section for 'Licensing' with a checkbox 'I confirm I have an eligible Windows 10 license with multi-tenant hosting rights' (which is checked). At the bottom, there are buttons for 'Review + create', '< Previous', and 'Next : Disks >'.

Create a virtual machine - Micros x +

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

Microsoft Azure

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

Home > Virtual machines >

Create a virtual machine ...

Running final validation...

BasicsDisksNetworkingManagementAdvancedTagsReview + 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 DS2
by Microsoft
[Terms of use](#) | [Privacy policy](#)

Subscription credits apply ⓘ
11.0950 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

Create< PreviousNext >Download a template for automation

Create a virtual machine - Micros x +

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

Microsoft Azure

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

Home > Virtual machines >

Create a virtual machine ...

Validation passed

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.

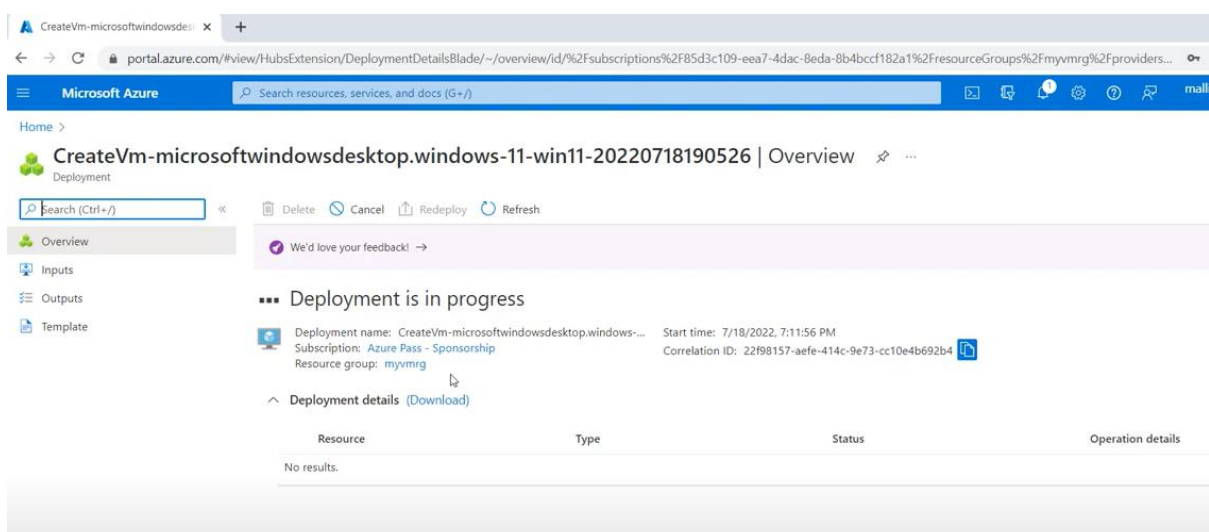
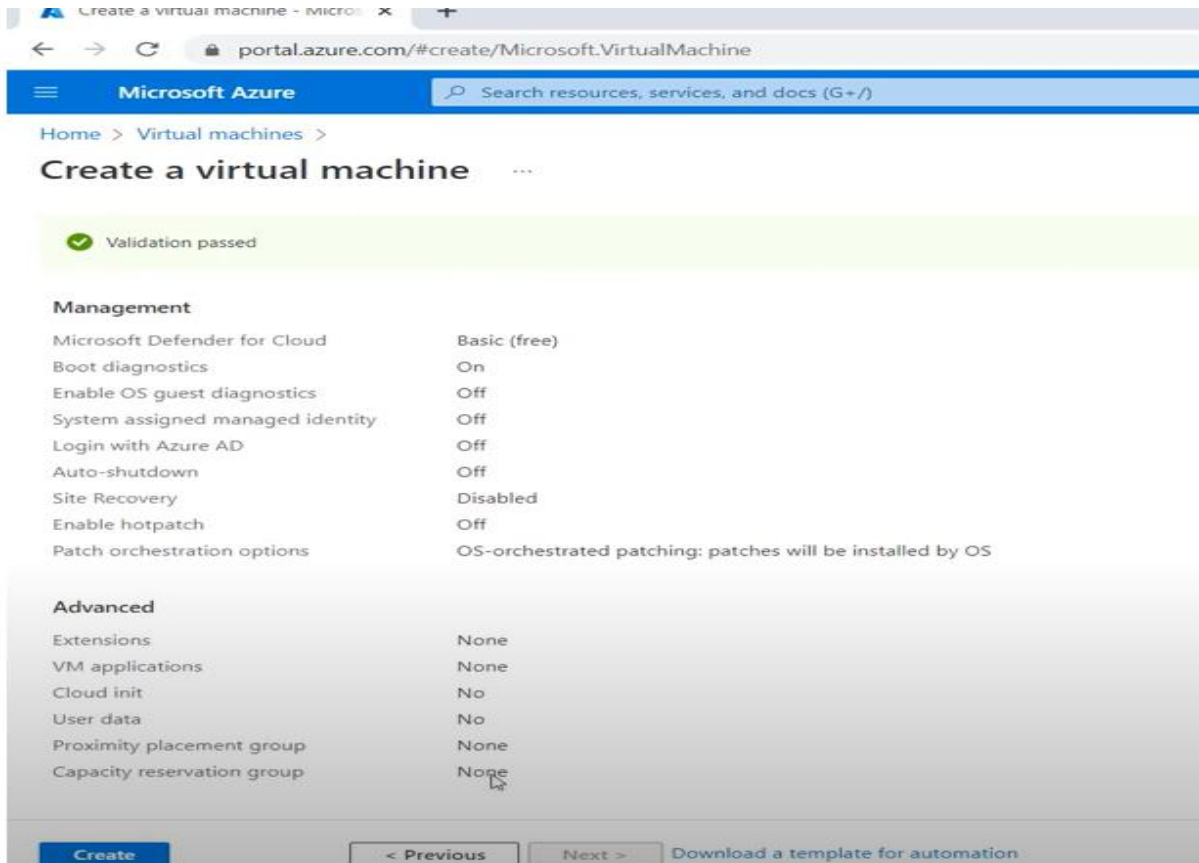
Basics

Subscription	Azure Pass - Sponsorship
Resource group	(new) myvmrg
Virtual machine name	myvmone
Region	Central US
Availability options	No infrastructure redundancy required
Security type	Standard
Image	Windows 11 Pro - Gen2
Size	Standard DS2 (2 vcpus, 7 GiB memory)
Username	userone

Create< PreviousNext >Download a template for automation

Step 9: VM Deployment

- Azure will now validate your configuration and begin creating the Virtual Machine. This might take a few minutes.
- Once the deployment is complete, you'll see a **"Deployment succeeded"** notification.



portal.azure.com/#view/HubsExtension/DeploymentDetailsBlade/~/overview/id/%2Fsubscriptions%2F85d3c109-eea7-4dac-8b4bccf182a1%2FresourceGro

Microsoft Azure

Home >

CreateVm-microsoftwindowsdesktop.windows-11-win11-20220718190526 | Overview

Deployment

Search (Ctrl+/)

Delete Cancel Redeploy Refresh

We'd love your feedback! →

✓ Your deployment is complete

Deployment name: CreateVm-microsoftwindowsdesktop.windows-... Start time: 7/18/2022, 7:11:56 PM
Subscription: Azure Pass - Sponsorship Correlation ID: 22f98157-aefe-414c-9e73-cc10e4b692b4

Resource group: myvmrg

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

Virtual machines - Microsoft Azure

portal.azure.com/#view/HubsExtension/BrowseResource/resourceType/Microsoft.Compute%2FVirtualMachines

Microsoft Azure

Home >

Virtual machines

Default Directory

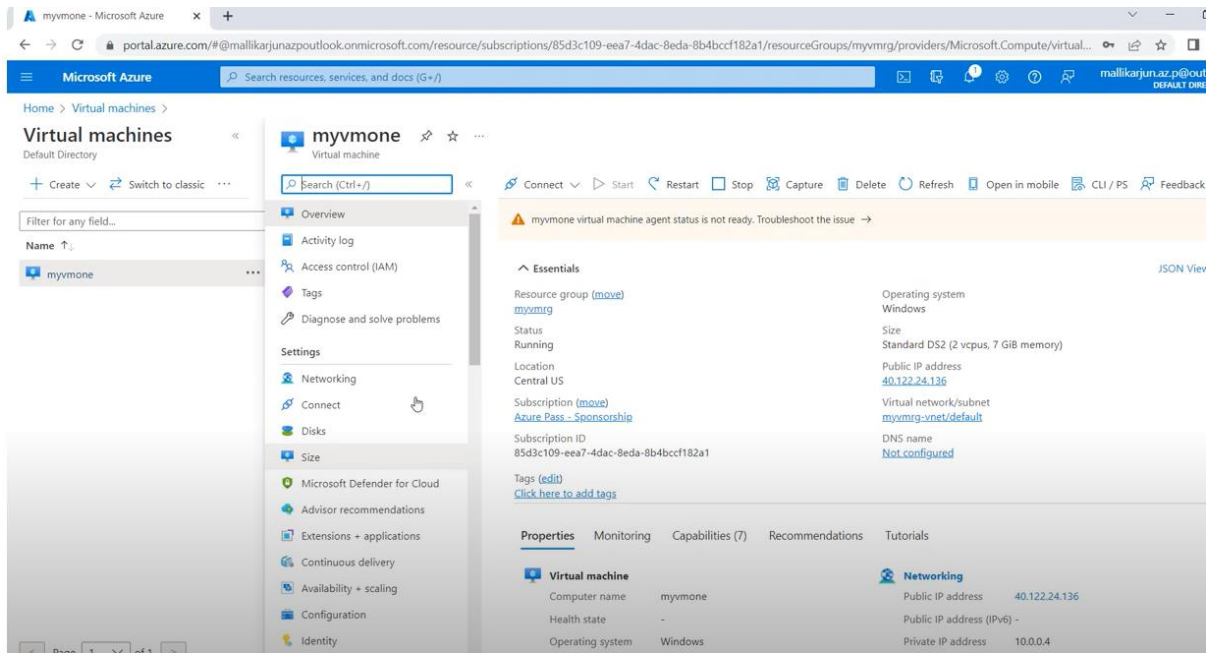
Create Switch to classic Reservations Manage view Refresh Export to CSV Open query Assign tags Start Restart Stop Delete Services Maintenance

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

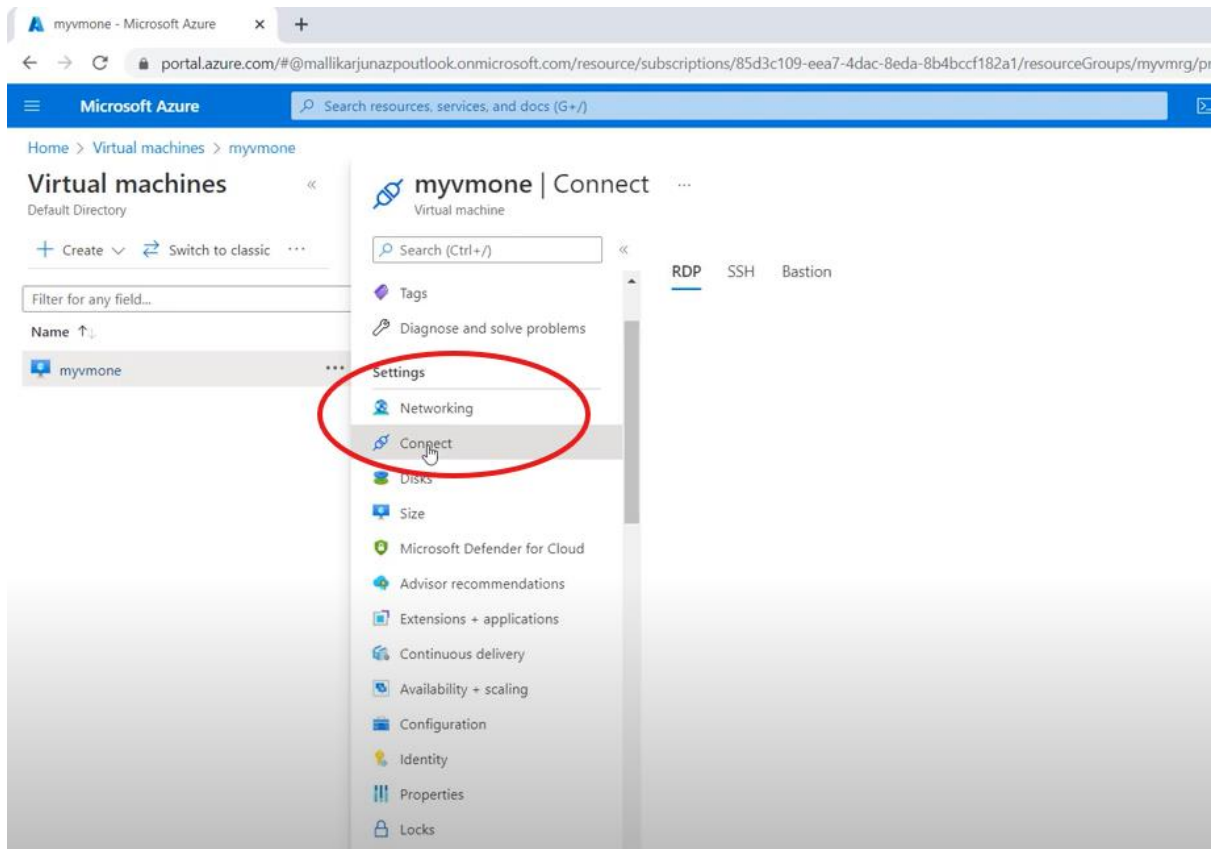
Name	Type	Subscription	Resource group	Location	Status	Operating system	Size	Public IP address	Di
myvmone	Virtual machine	Azure Pass - Sponsors...	myvmrg	Central US	Running	Windows	Standard_DS2	40.122.24.136	1

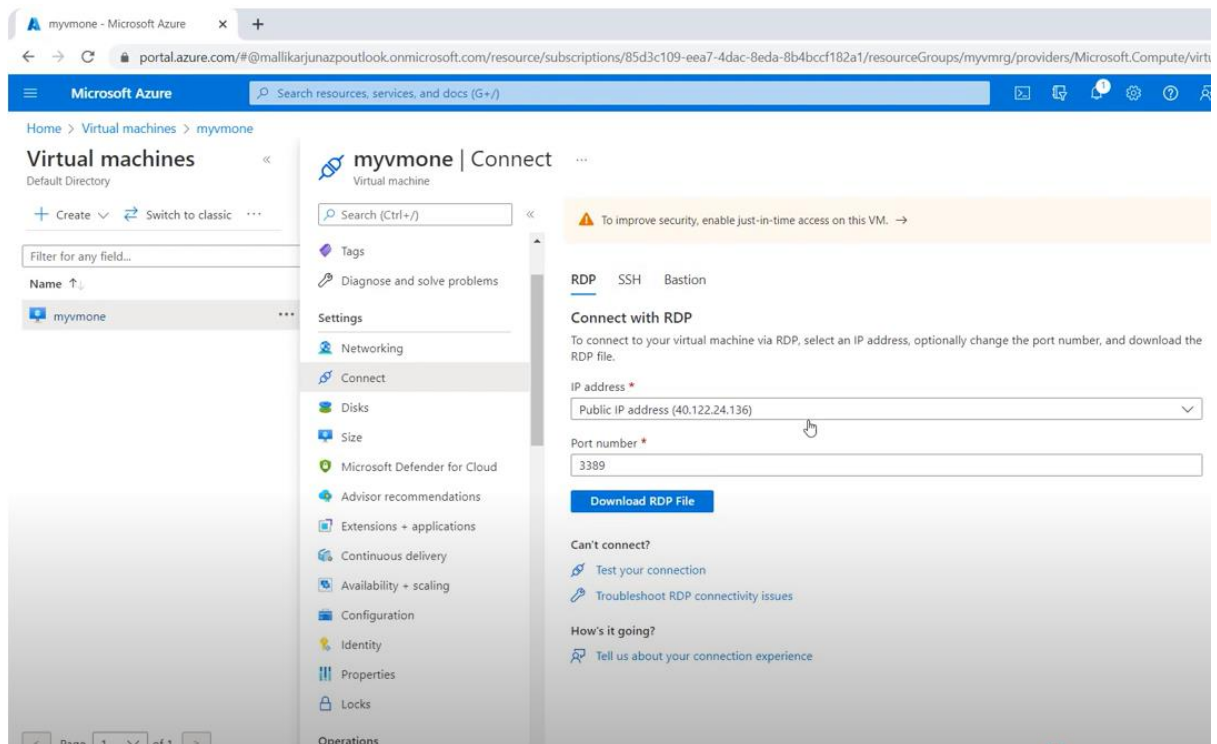
Step 10: Access the VM

- After the VM is created, go to the **Virtual Machines** section in the Azure portal and select the VM you just created.

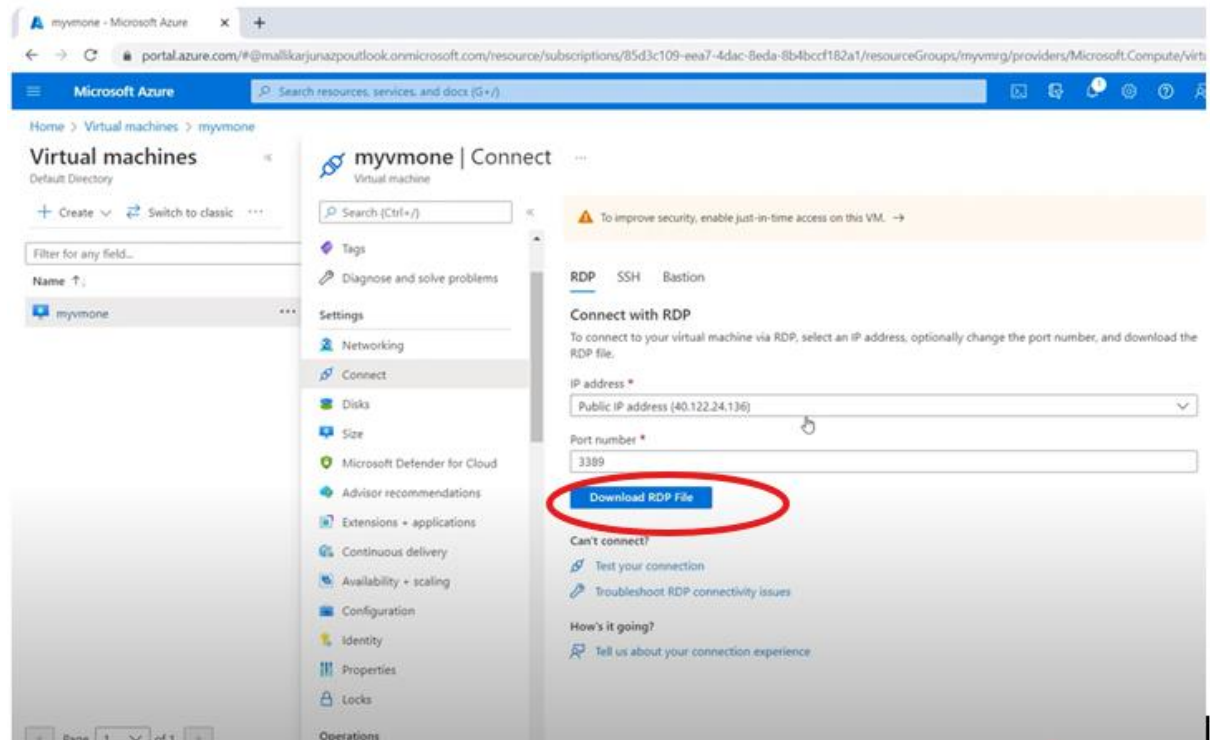


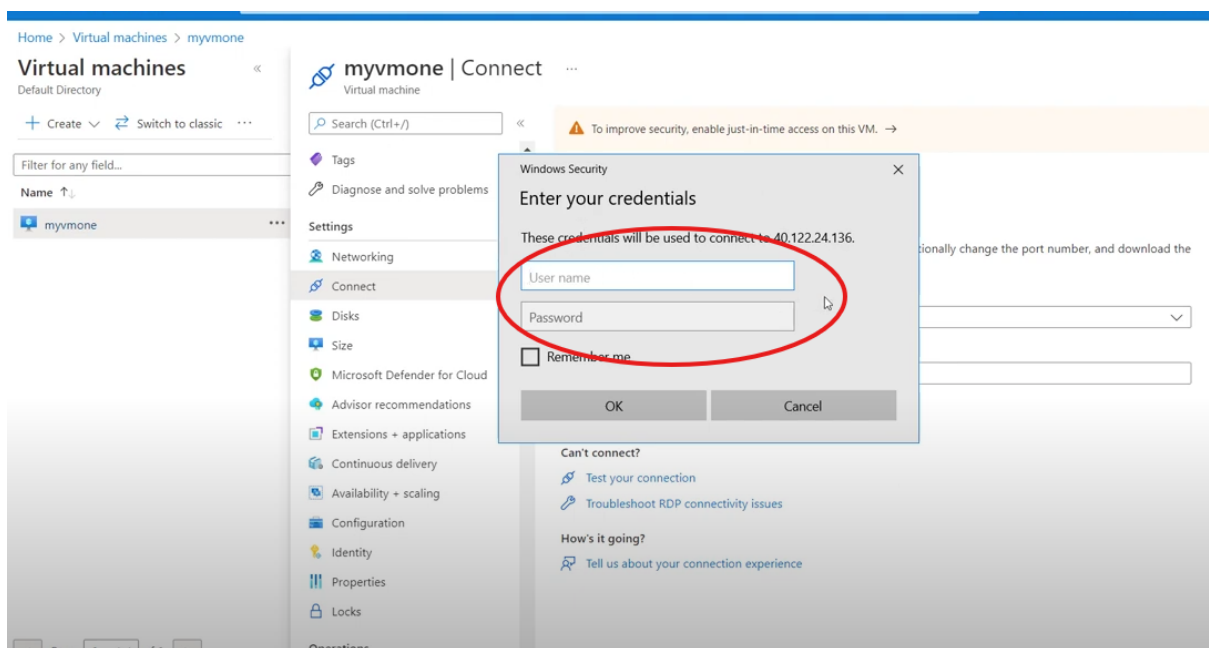
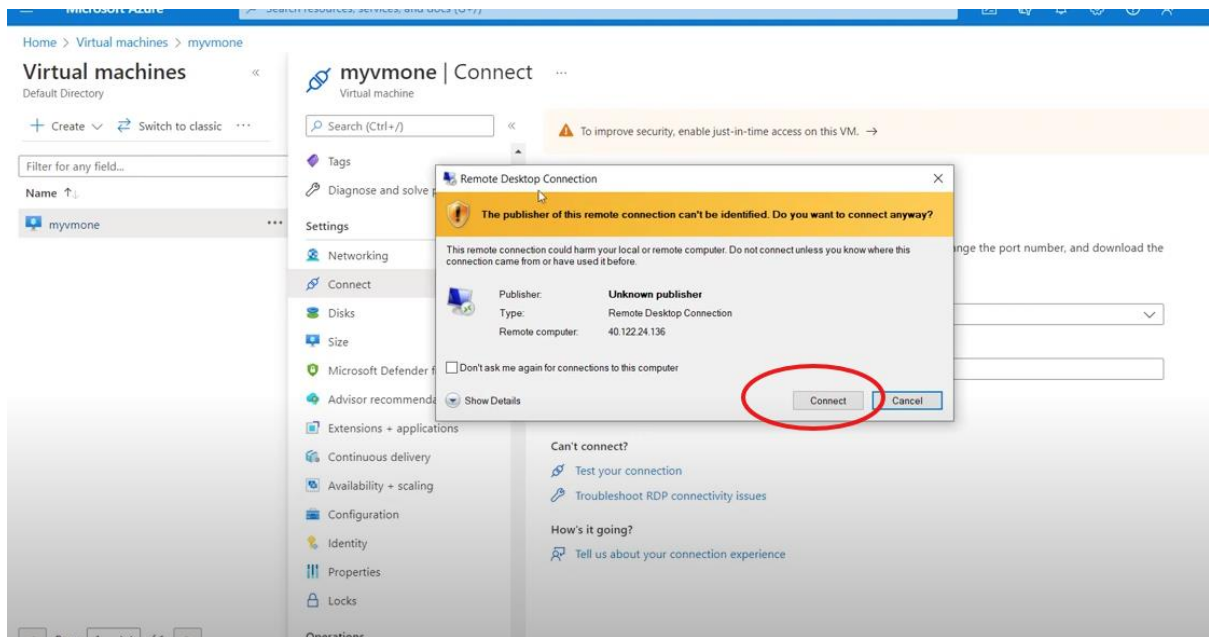
- To connect to the VM, click "**Connect**" at the top of the VM's page and select **RDP** (Remote Desktop Protocol).

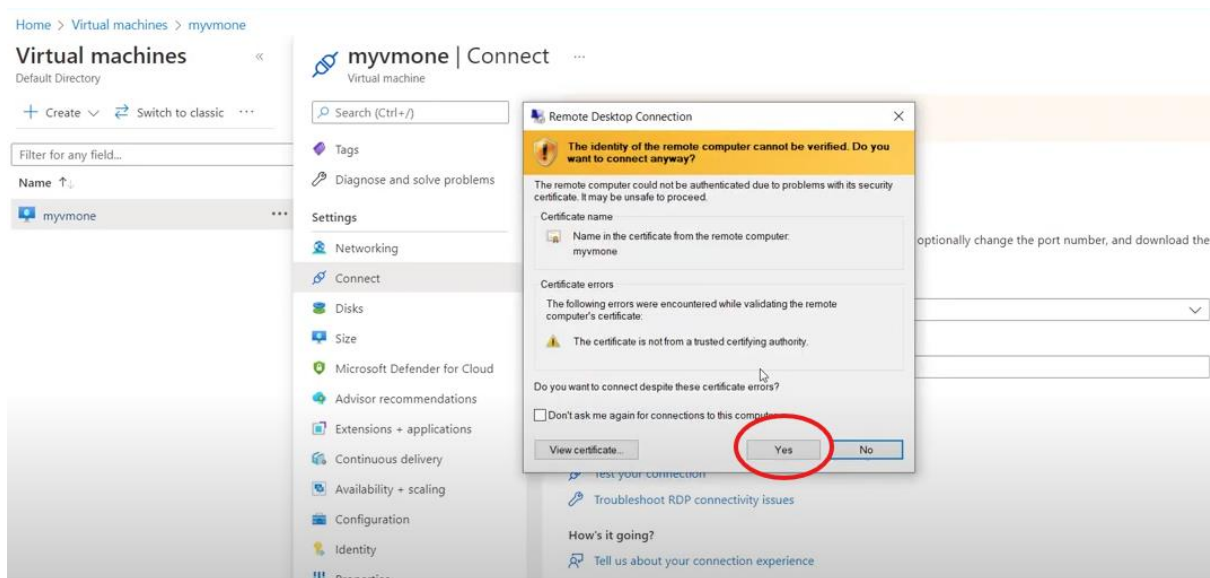
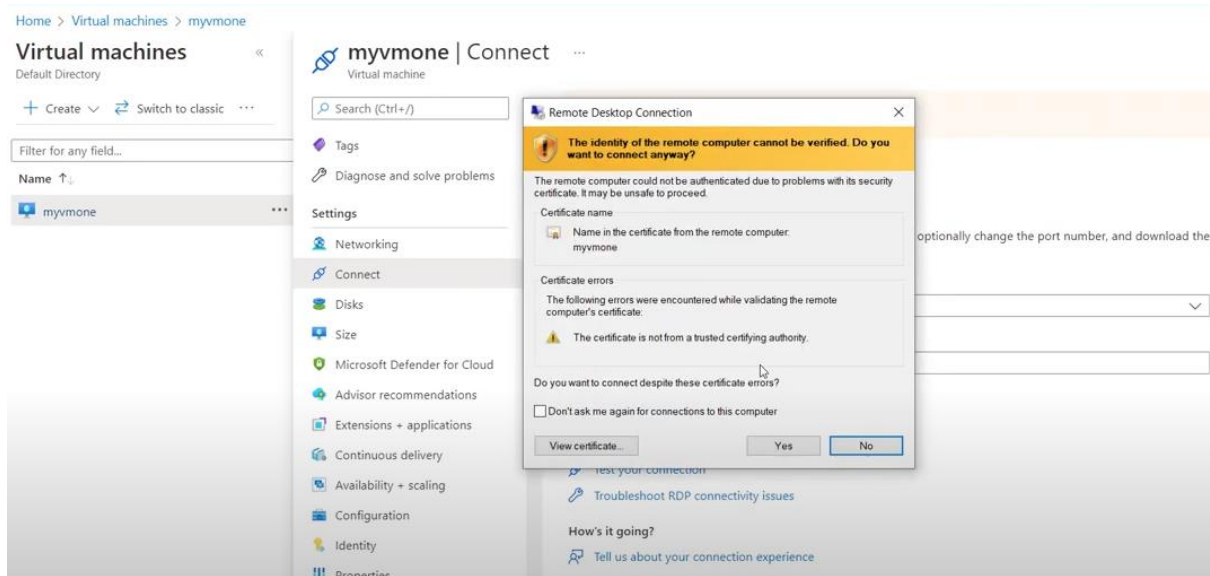


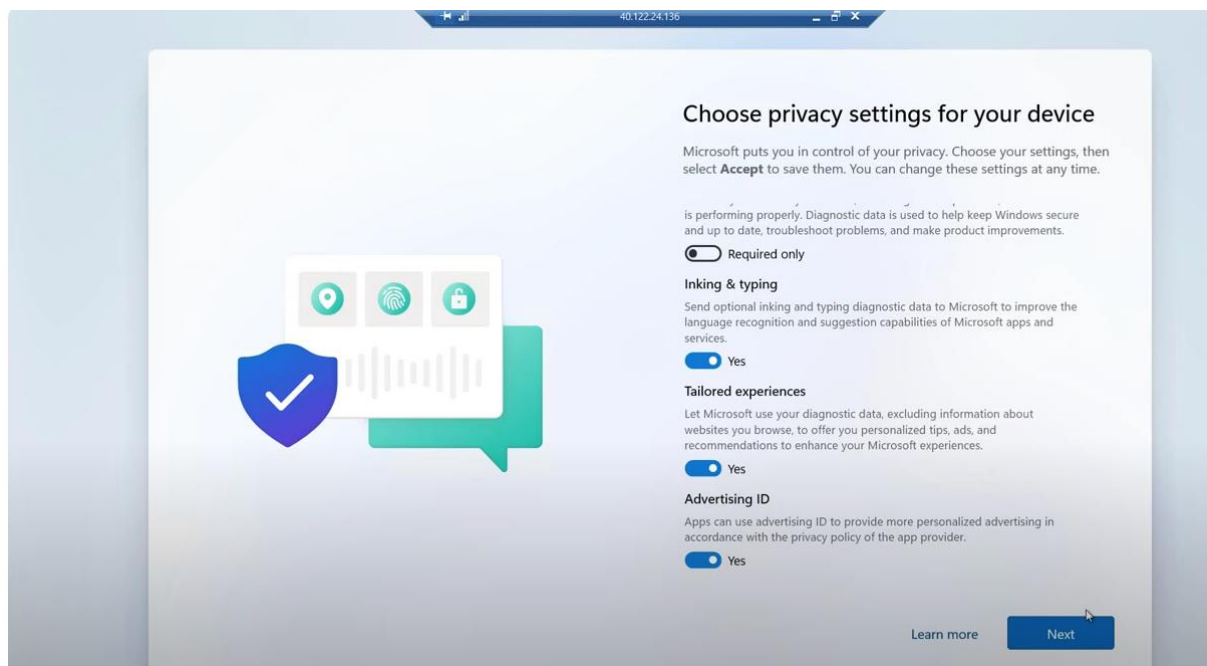
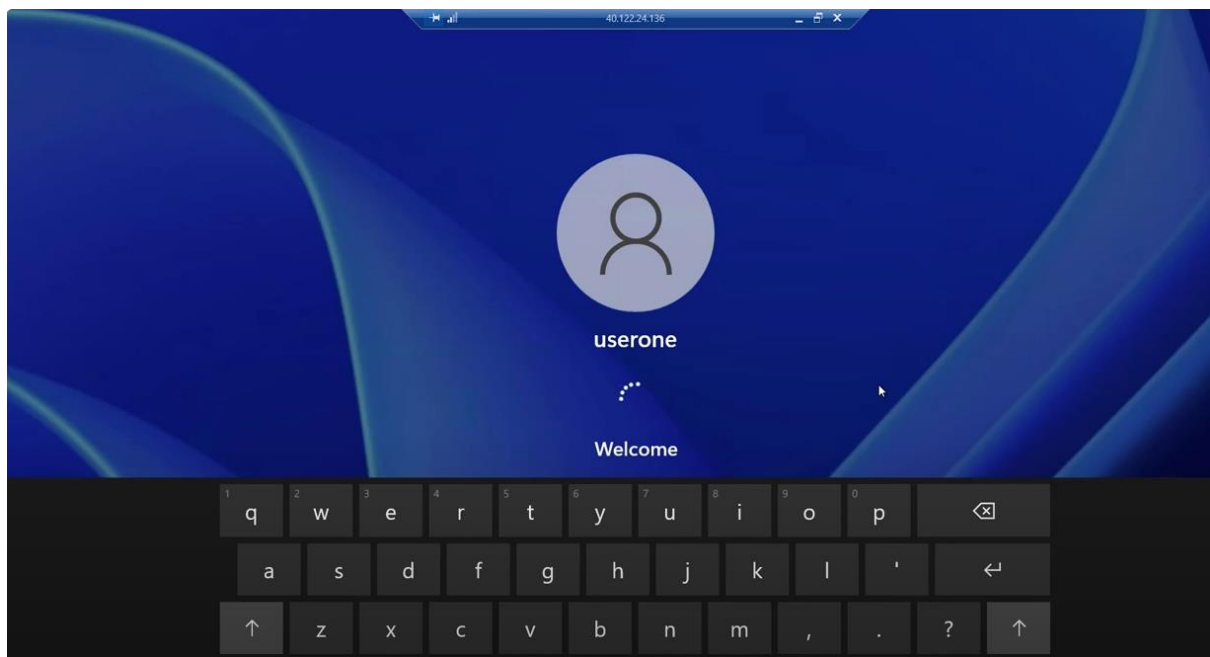


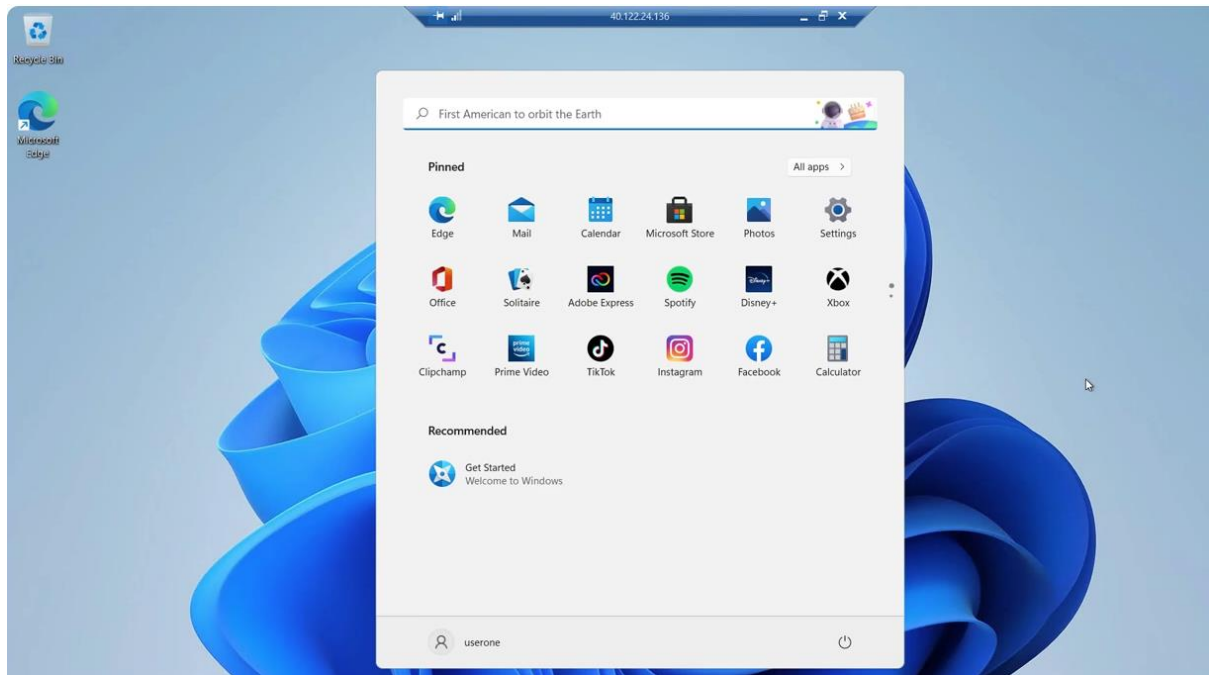
- Download the **RDP file** and open it to connect to your Windows Virtual Machine using the username and password you specified earlier.



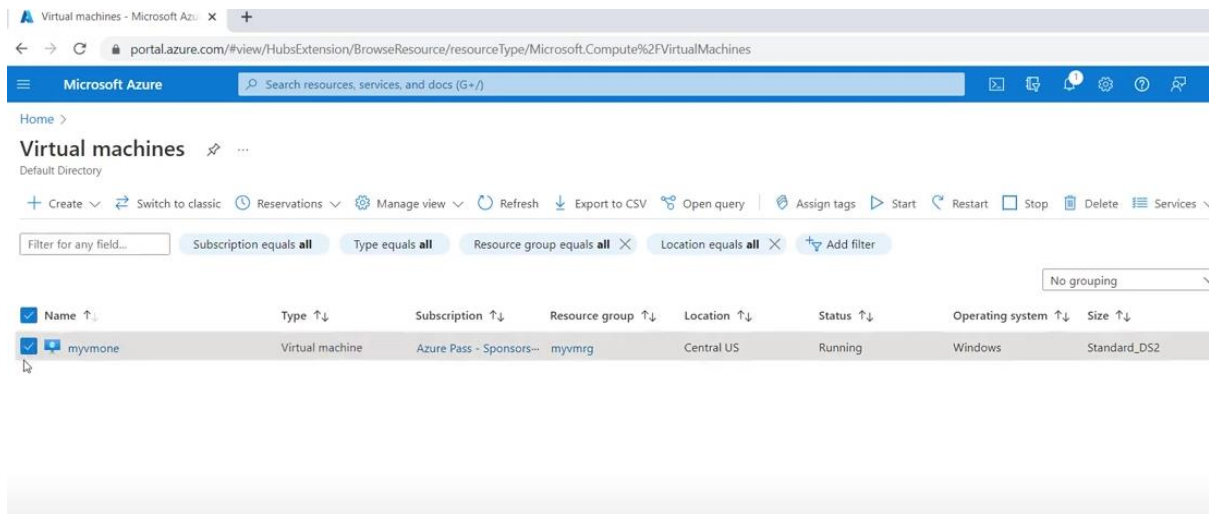








After Completion of work with VM, Stop VM or Delete VM from Azure Account.



Virtual machines - Microsoft Azure

portal.azure.com/#view/HubsExtension/BrowseResource/resourceType/Microsoft.Compute%2FVirtualMachines

Microsoft Azure

Search resources, services, and docs (G+)

Home >

Virtual machines

Default Directory

+ Create ▾ Switch to classic Reservations ▾ Manage view ▾ Refresh Export to CSV Open query Assign tags Start Restart Stop Delete Services ▾

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

No grouping

<input checked="" type="checkbox"/> Name ↑	Type ↑↓	Subscription ↑↓	Resource group ↑↓	Location ↑↓	Status ↑↓	Operating system ↑↓	Size ↑↓
<input checked="" type="checkbox"/> myvmone	Virtual machine	Azure Pass - Sponsors...	myvmrg	Central US	Running	Windows	Standard_DS2