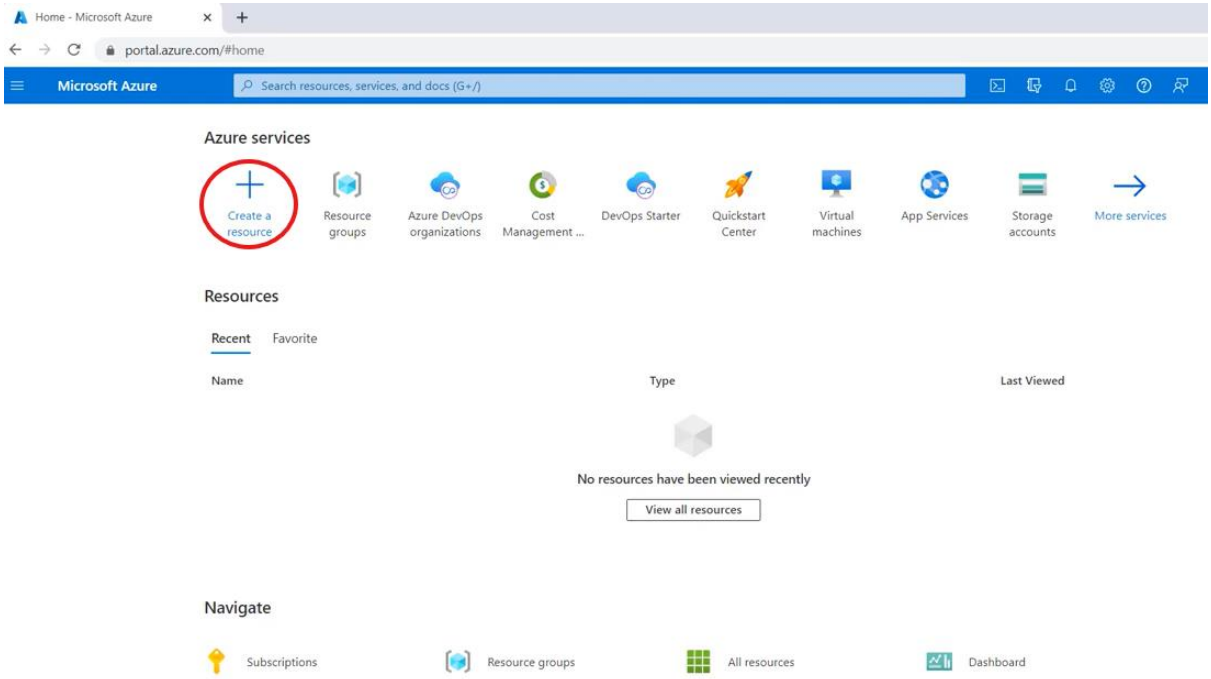
Step 1: Sign in to the Azure Portal

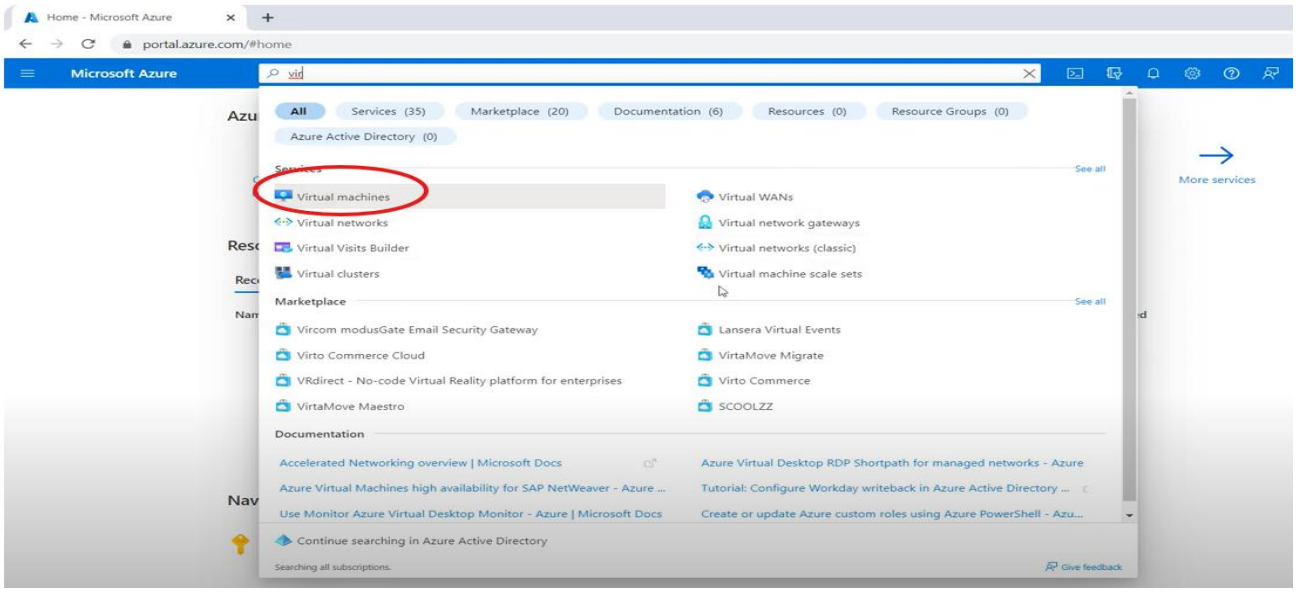
- Open your web browser and go to the **Azure Portal**.
- Sign in with your **Microsoft account** or **organizational account**.

Step 2: Navigate to Virtual Machines

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

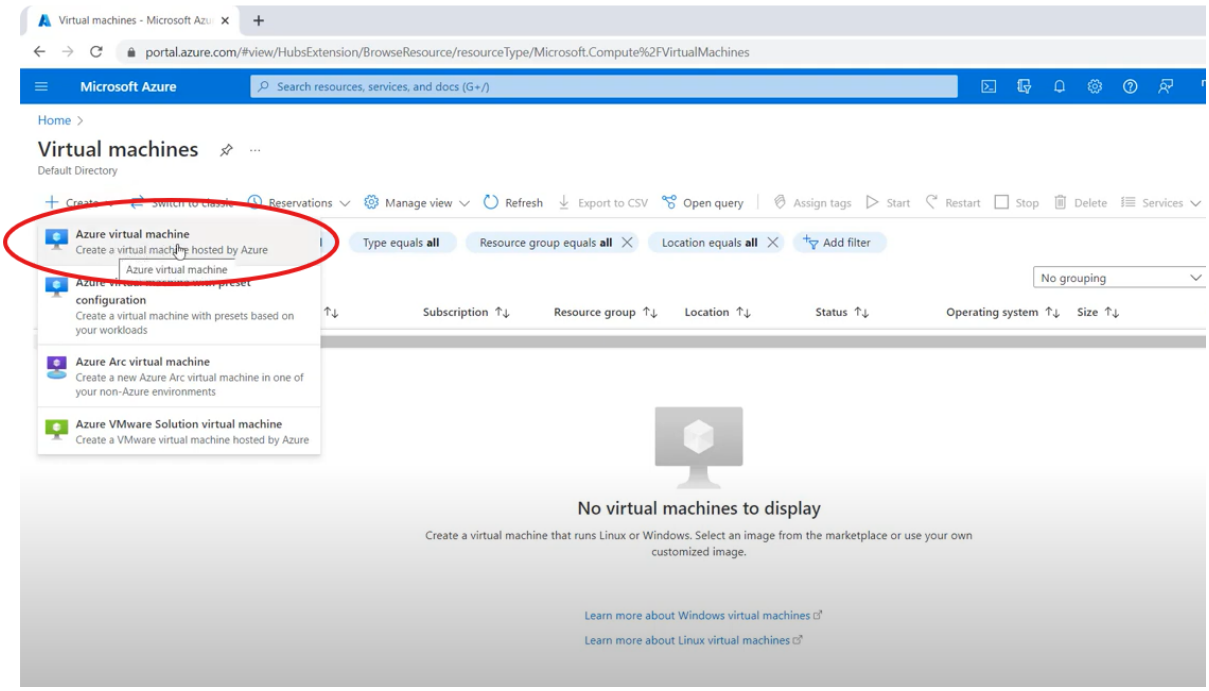


- In the search box, type **"Virtual Machine"** and select **"Virtual Machine"** from the results.



Step 3: Start the VM Creation Process

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

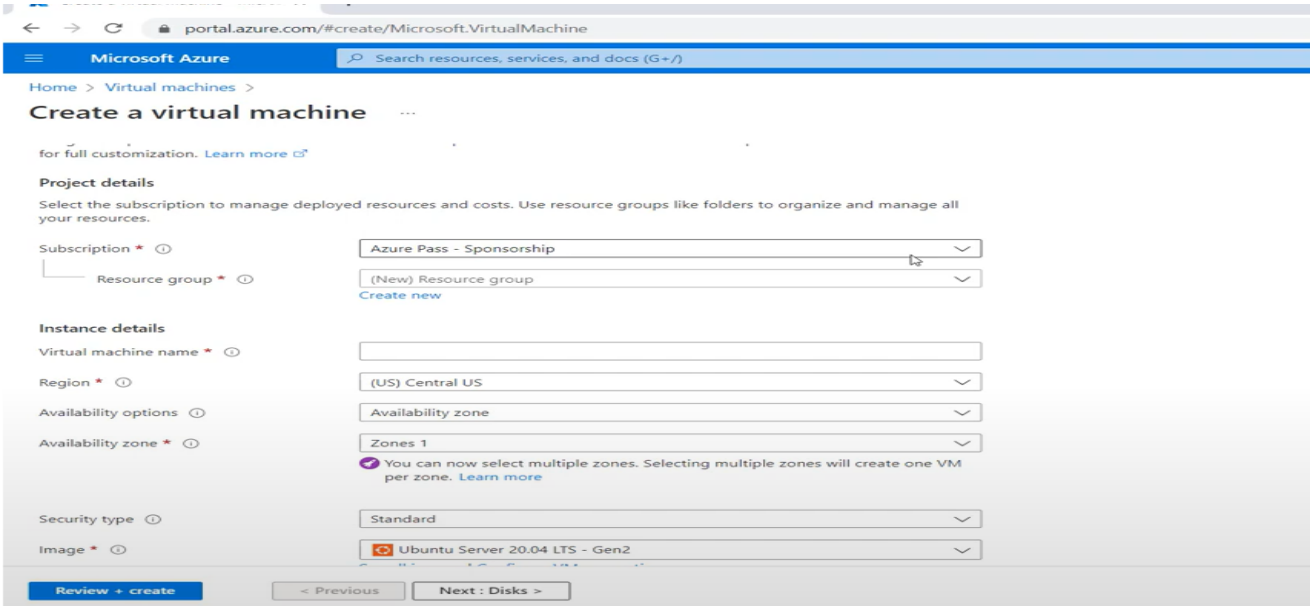


Step 4: Configure Basic Settings

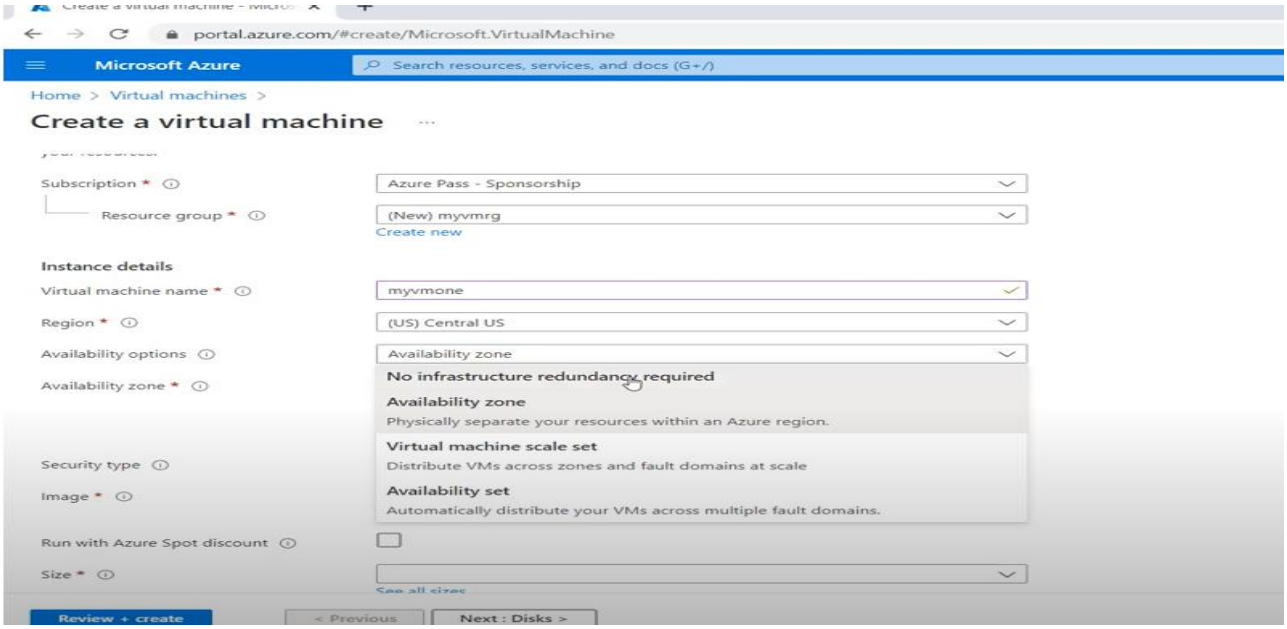
On the **"Basics"** tab, fill in the following fields:

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.



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



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).

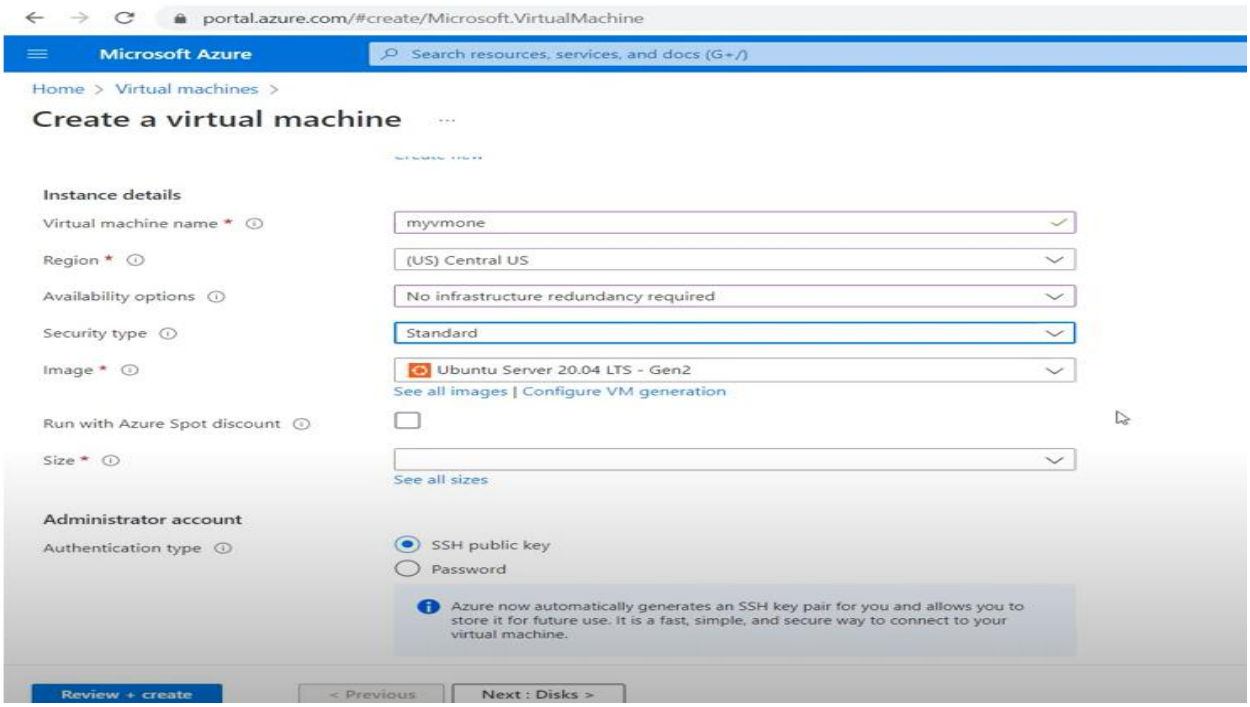
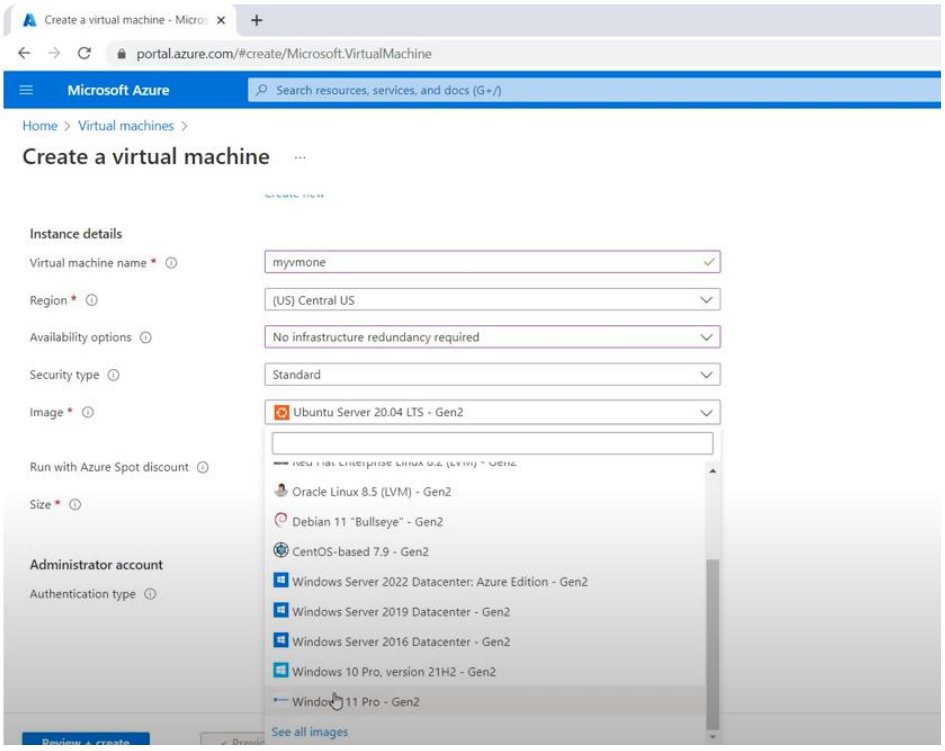
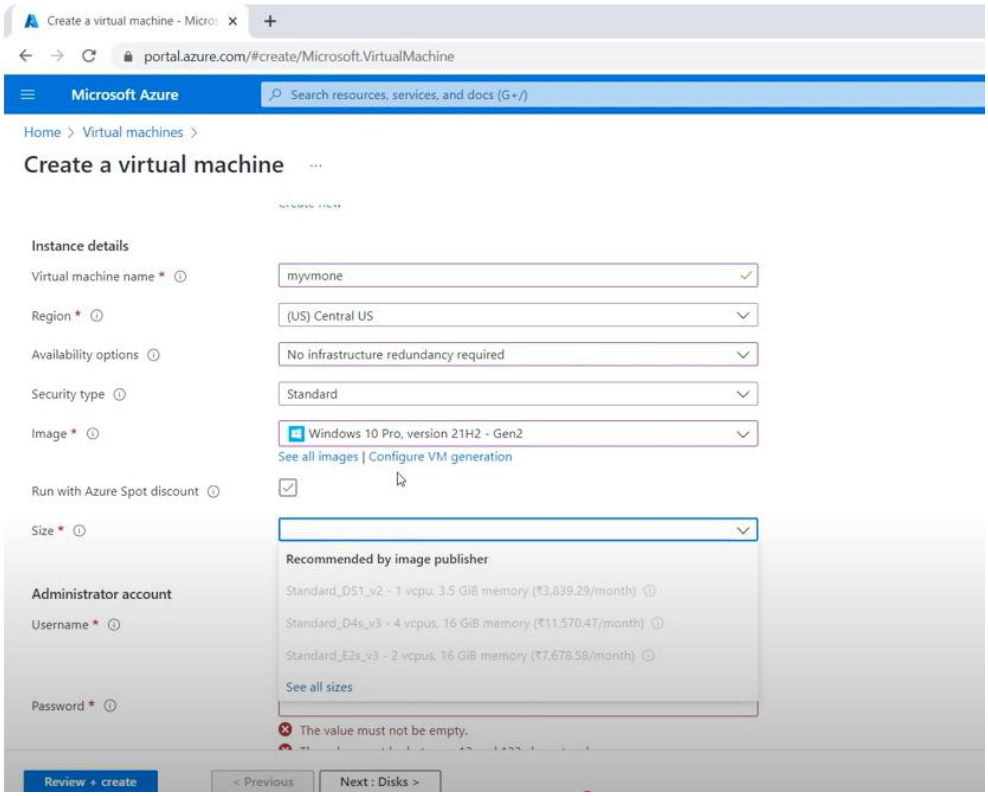
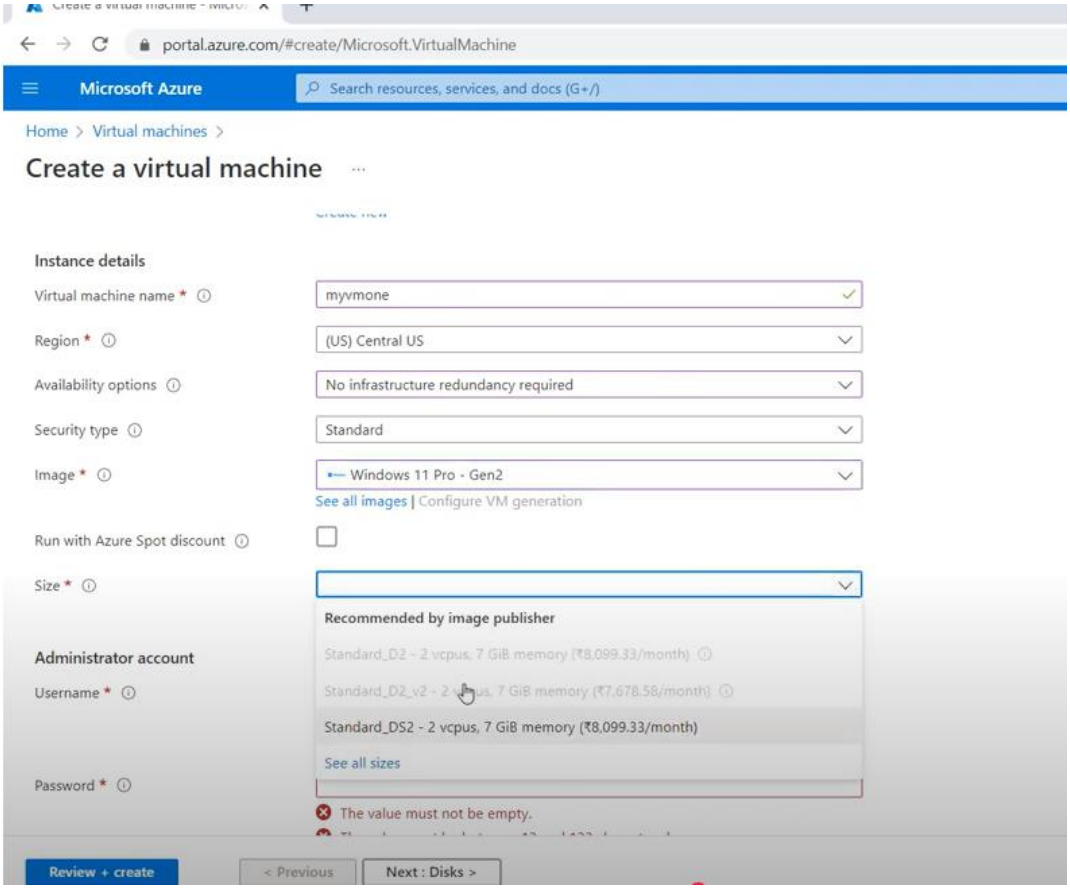


Image: Select **"Windows"** (for example, **Windows Server 2019 Datacenter** or **Windows 10**).



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.

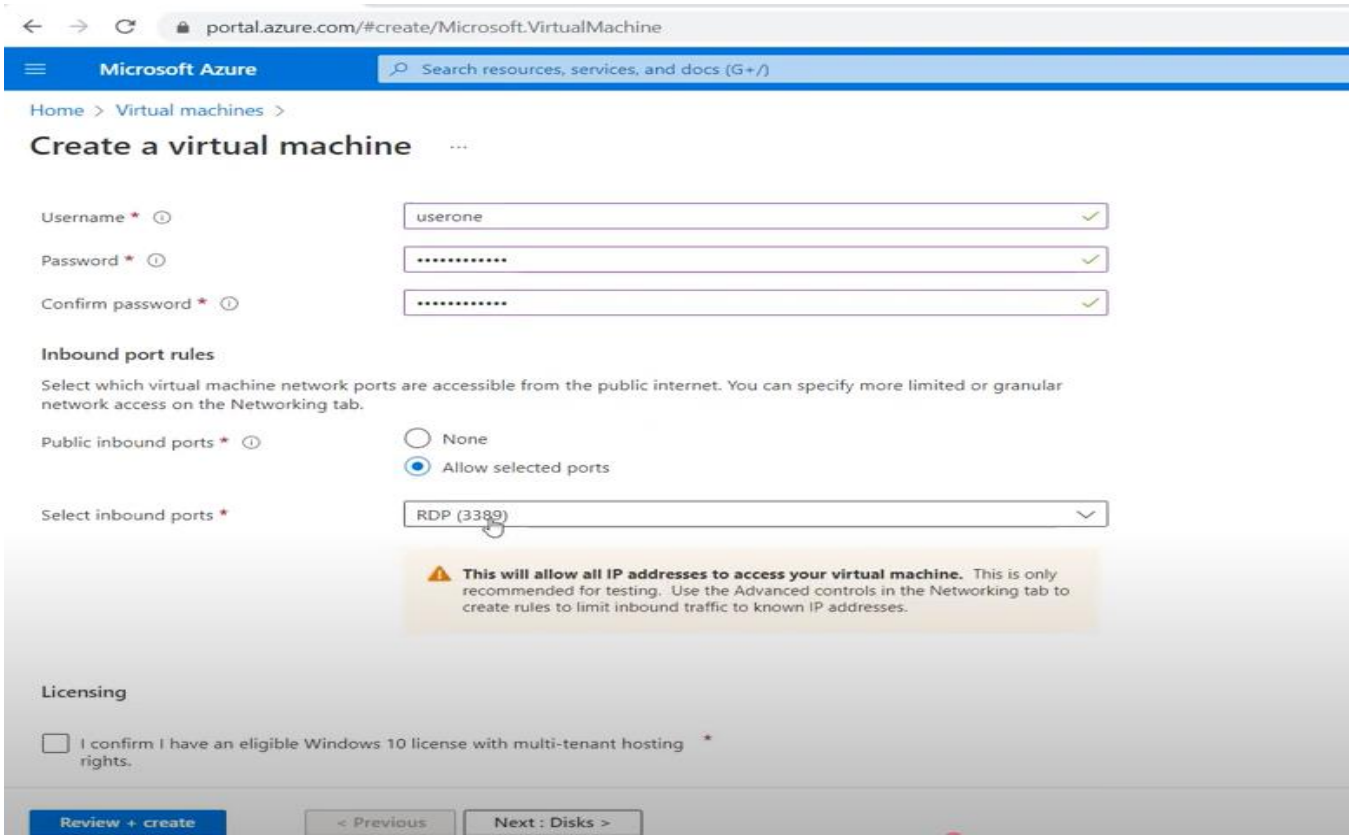

Create a virtual machine - Micros
portal.azure.com/#create/Microsoft.VirtualMachine
Microsoft Azure
Search resources, services, and docs (G+/)
Home > Virtual machines >
Create a virtual machine
Instance details
Virtual machine name *
myvmone
Region *
(US) Central US
Availability options
No infrastructure 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
Administrator account
Username *
Password *
The value must not be empty.
Review + create
< Previous
Next : Disks >


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 *
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
Administrator account
Username *
Password *
The value must not be empty.
Review + create
< Previous
Next : Disks >

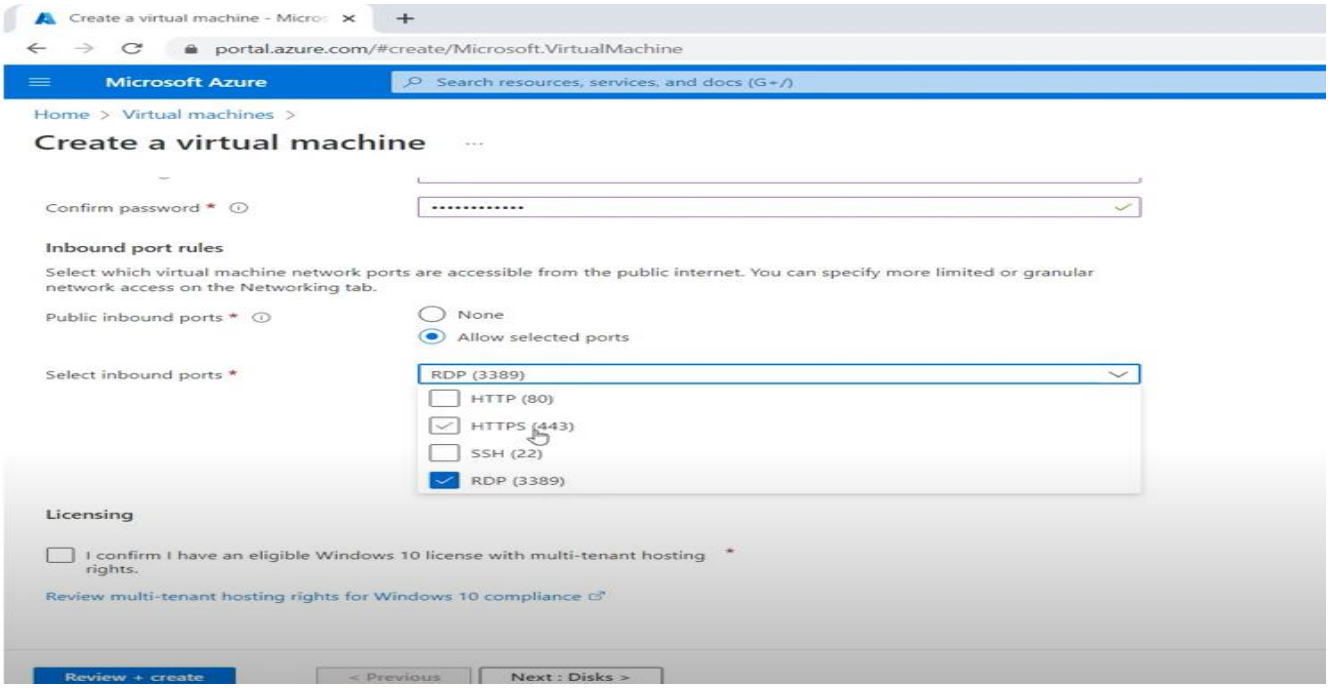
- **Authentication Type**: Choose **Password** or **SSH public key**. For **Password**, you'll need to set a username and password (e.g., `adminuser` and `yourpassword123`).

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

  Password: Enter a password for the admin account.

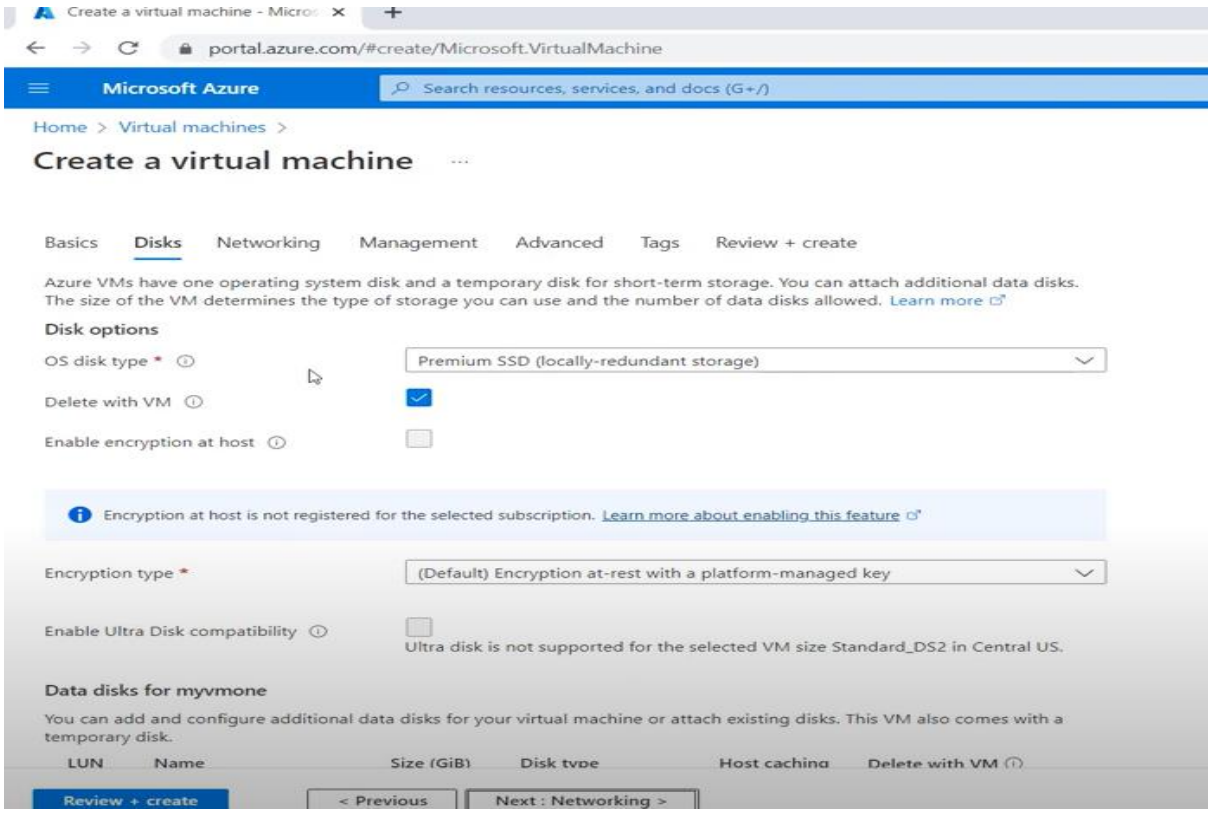


Inbound Port Rules: Select Allow selected ports and then choose ports such as RDP (3389), which allows remote access to the Windows VM.



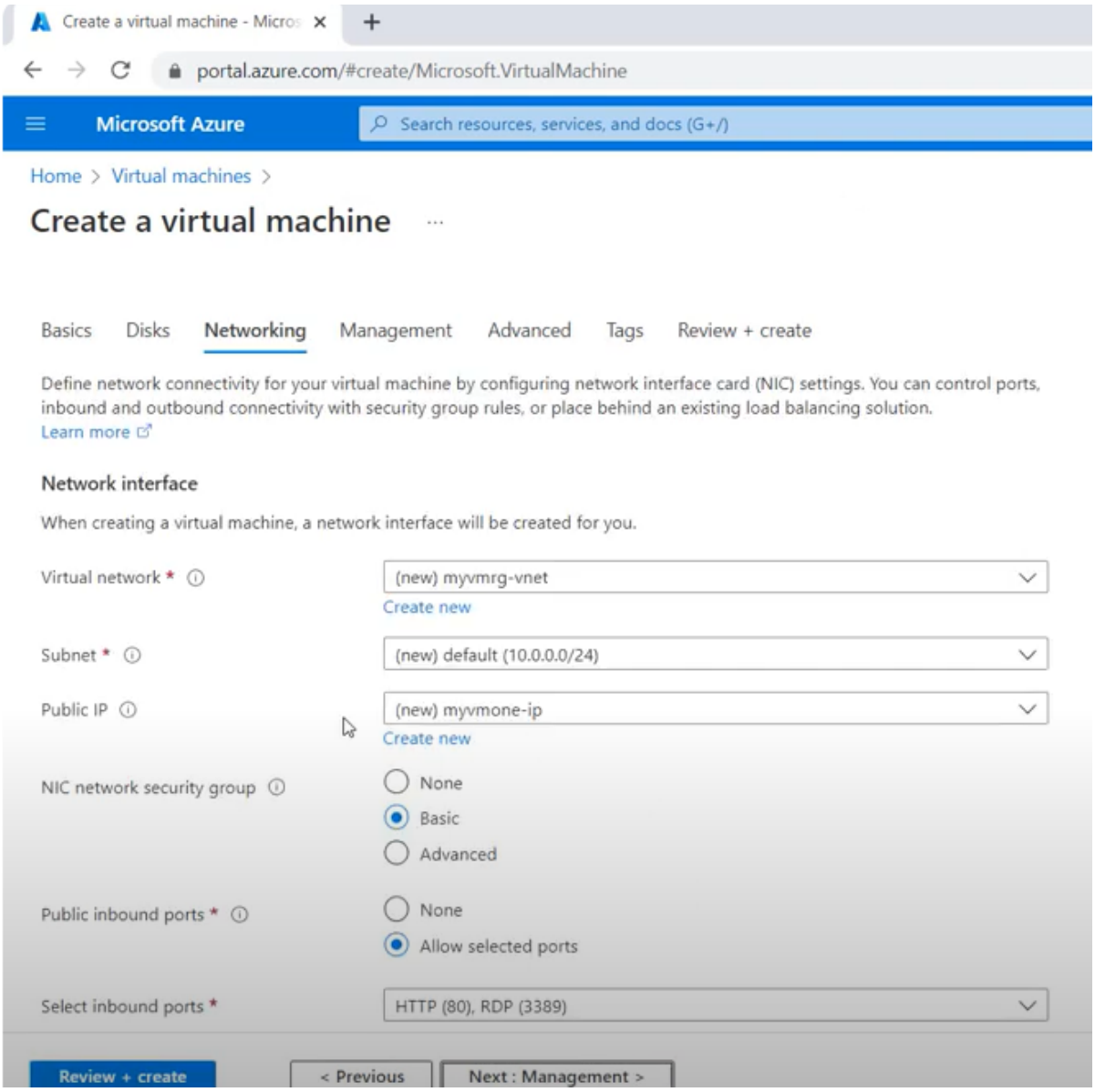
Step 5: Configure Disks

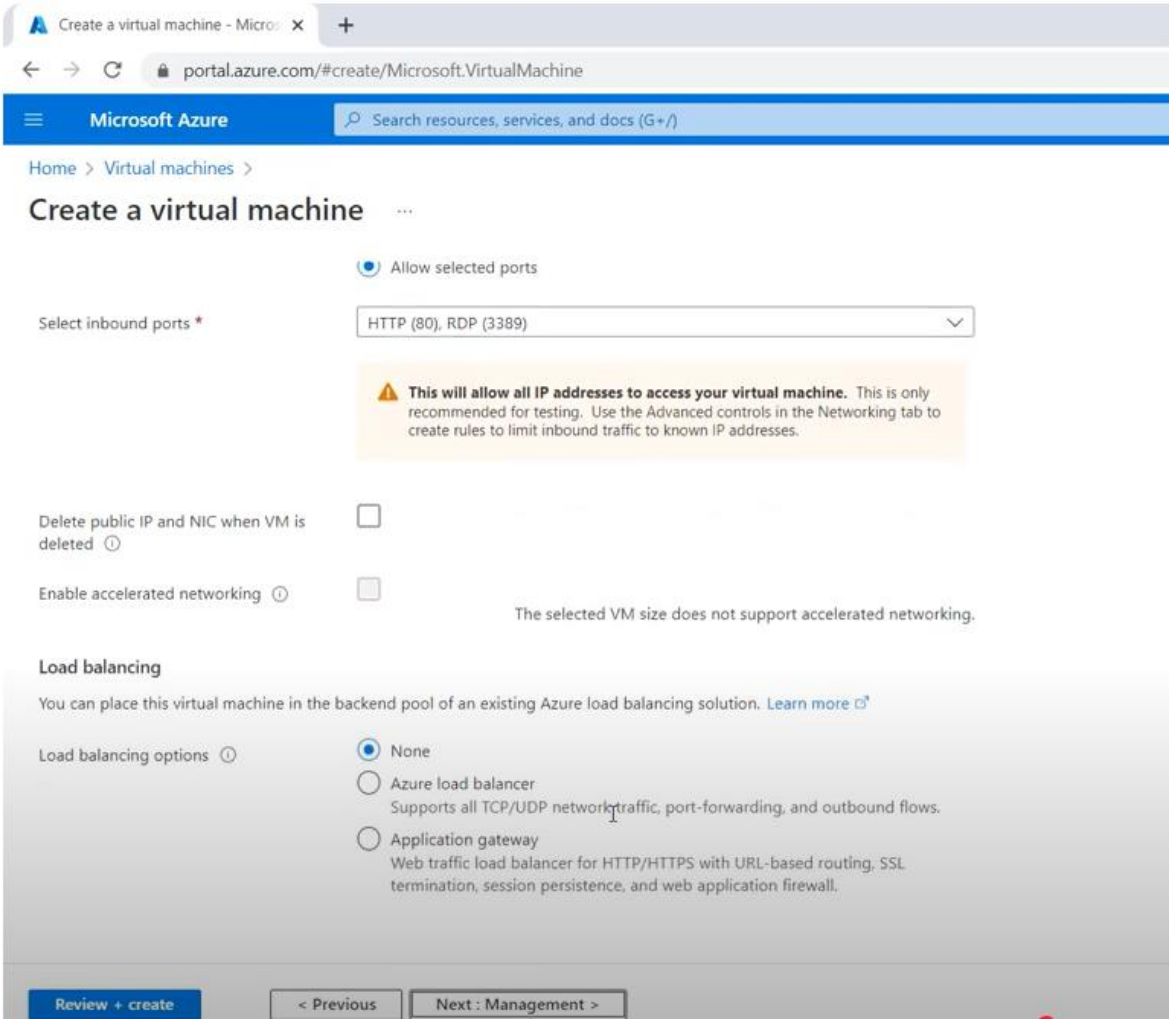
- In the **Disks** tab, choose the **OS disk type**:
  - **Standard SSD** (lower cost)
  - **Premium SSD** (better performance)
- You can also add data disks here if needed.



Step 6: Configure Networking

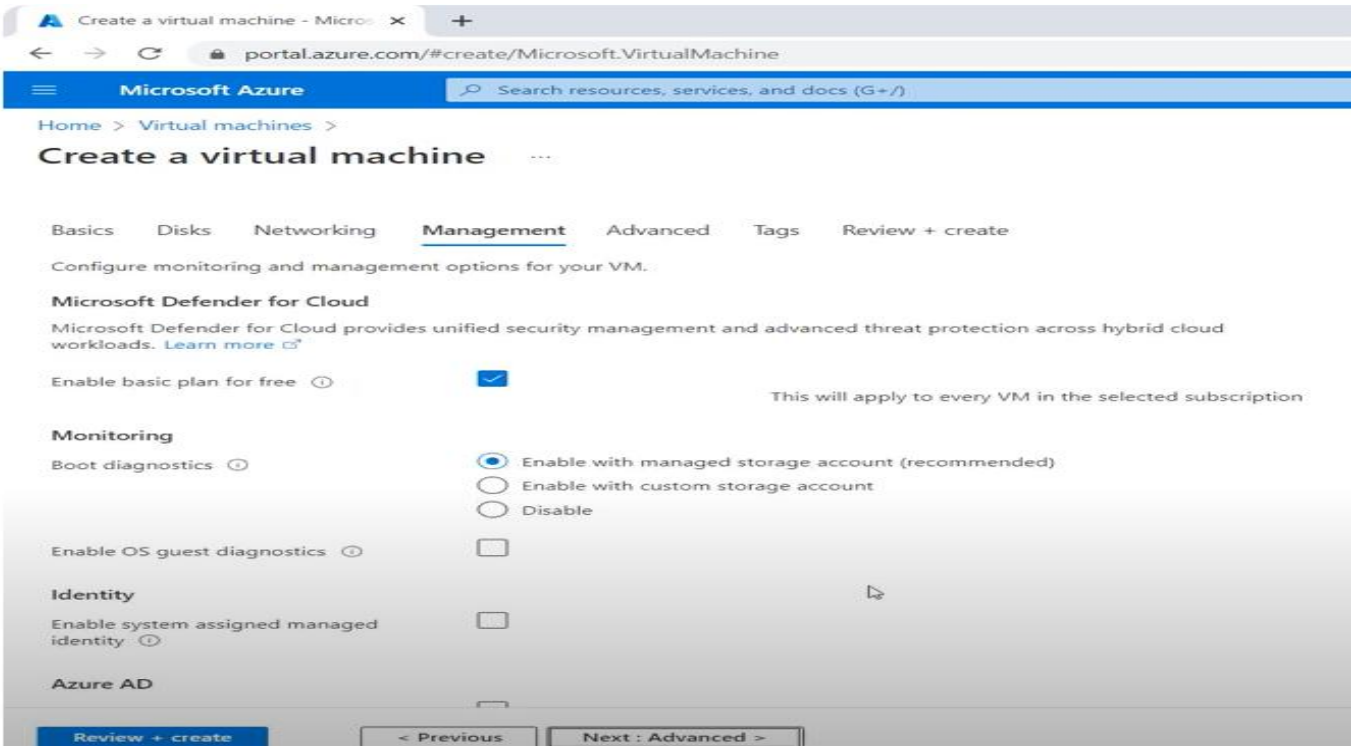
- In the **Networking** tab, select a **Virtual Network (VNet)** and **Subnet**. If you don't have one, you can create a new VNet here.
- Choose whether you want the VM to have a **Public IP** (for external access) and select **Network Security Group (NSG)** settings. The NSG helps define firewall rules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

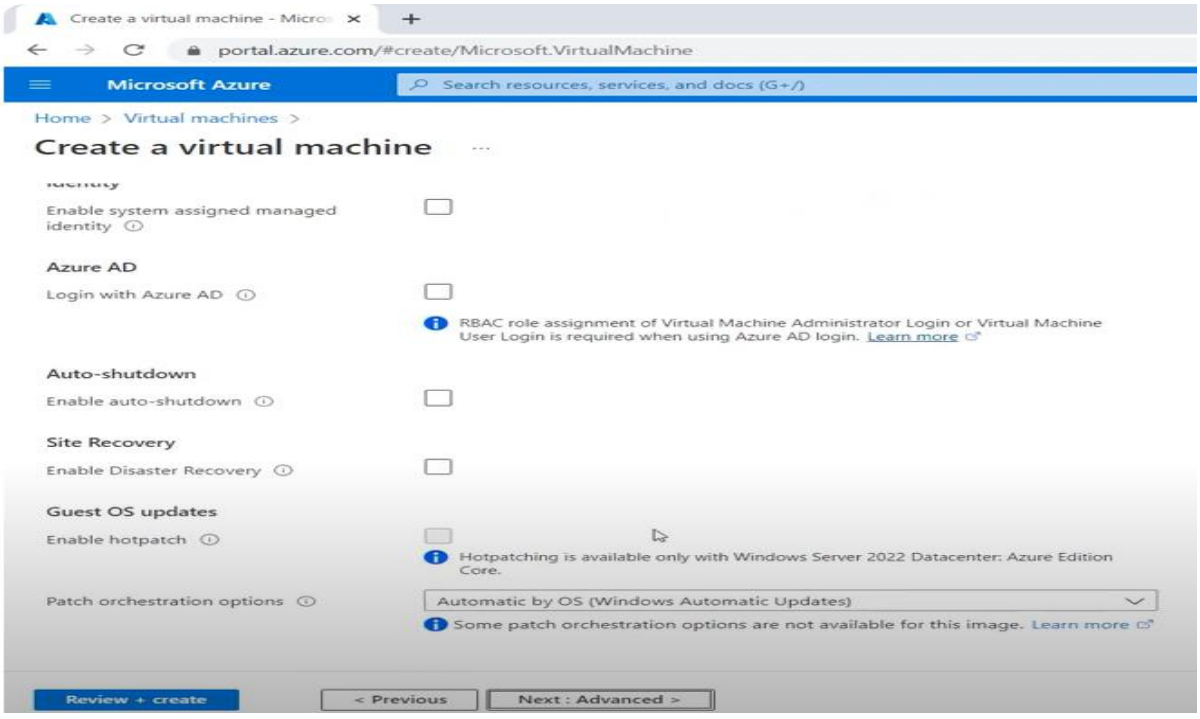


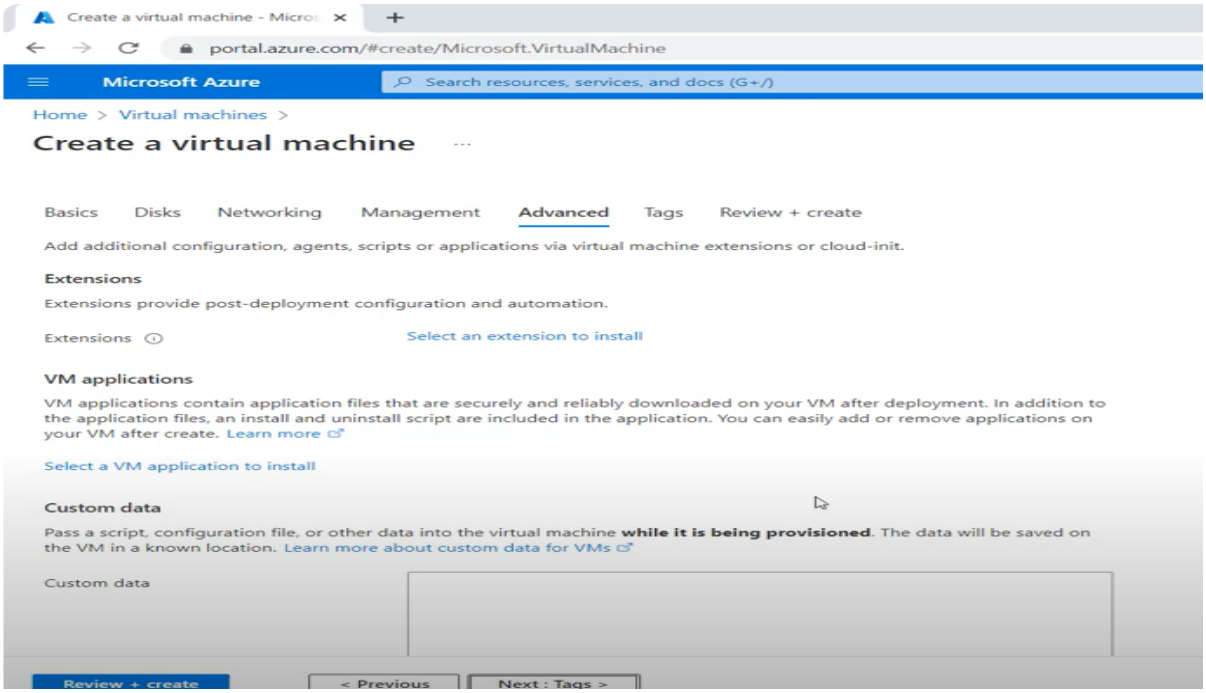


Step 7: Configure Management (Optional)

- 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.

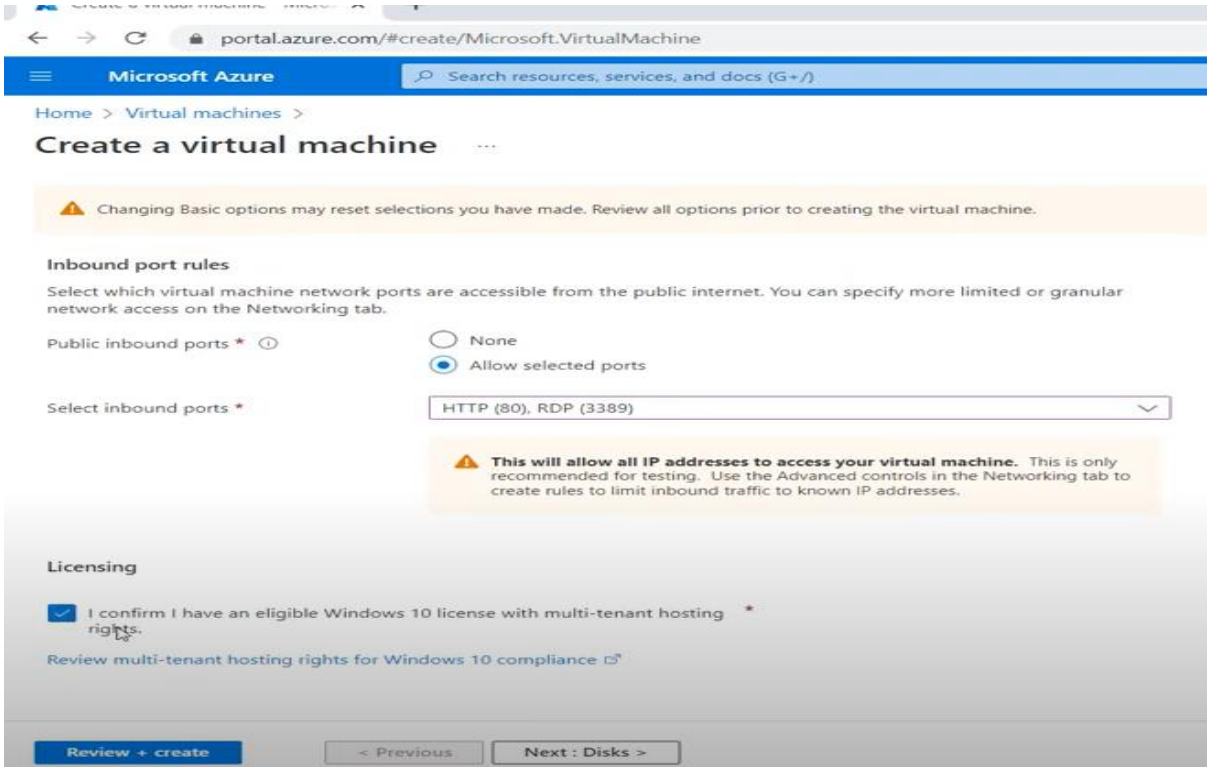

Create a virtual machine - Micro
portal.azure.com/#create/Microsoft.VirtualMachine
Microsoft Azure
Search resources, services, and docs (G+/)
Home > Virtual machines >
Create a virtual machine
Basics
Disks
Networking
Management
Advanced
Tags
Review + create
Configure monitoring and management options 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
< Previous
Next : Advanced >

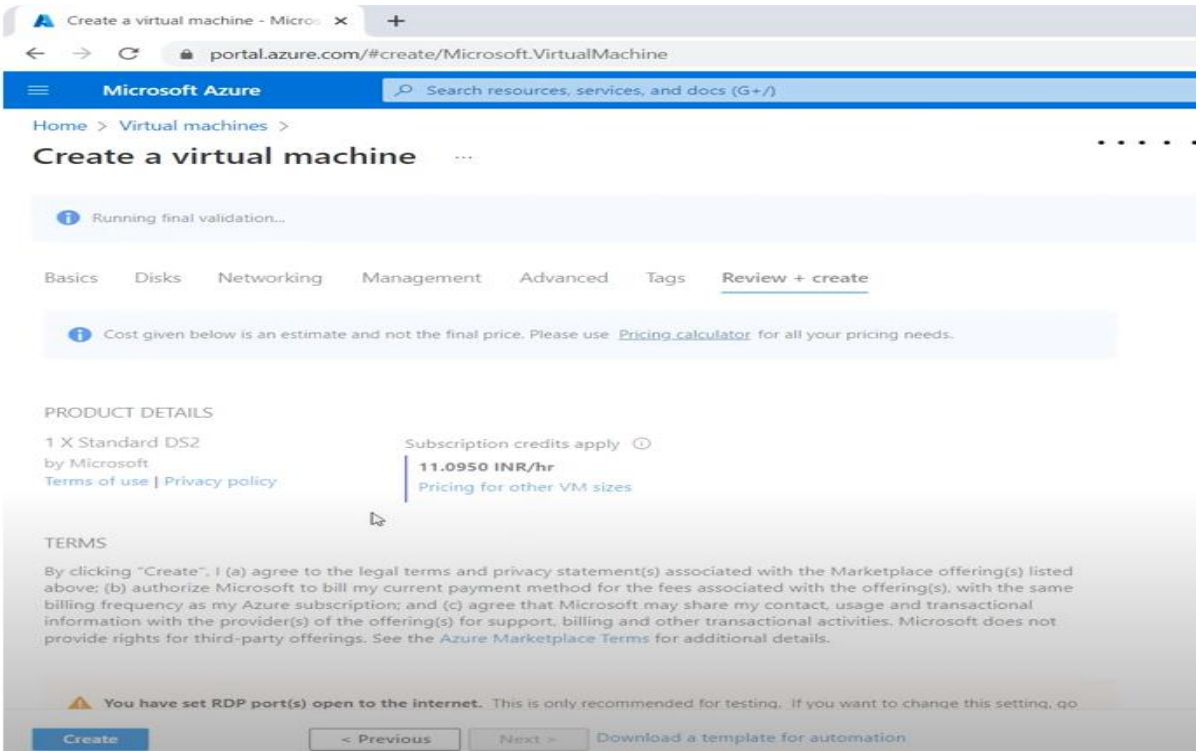

Create a virtual machine - Micro
portal.azure.com/#create/Microsoft.VirtualMachine
Microsoft Azure
Search resources, services, and docs (G+/)
Home > Virtual machines >
Create a virtual machine
Enable system assigned managed identity
Azure AD
Login with Azure AD
RBAC role assignment of Virtual Machine 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
< Previous
Next : Advanced >

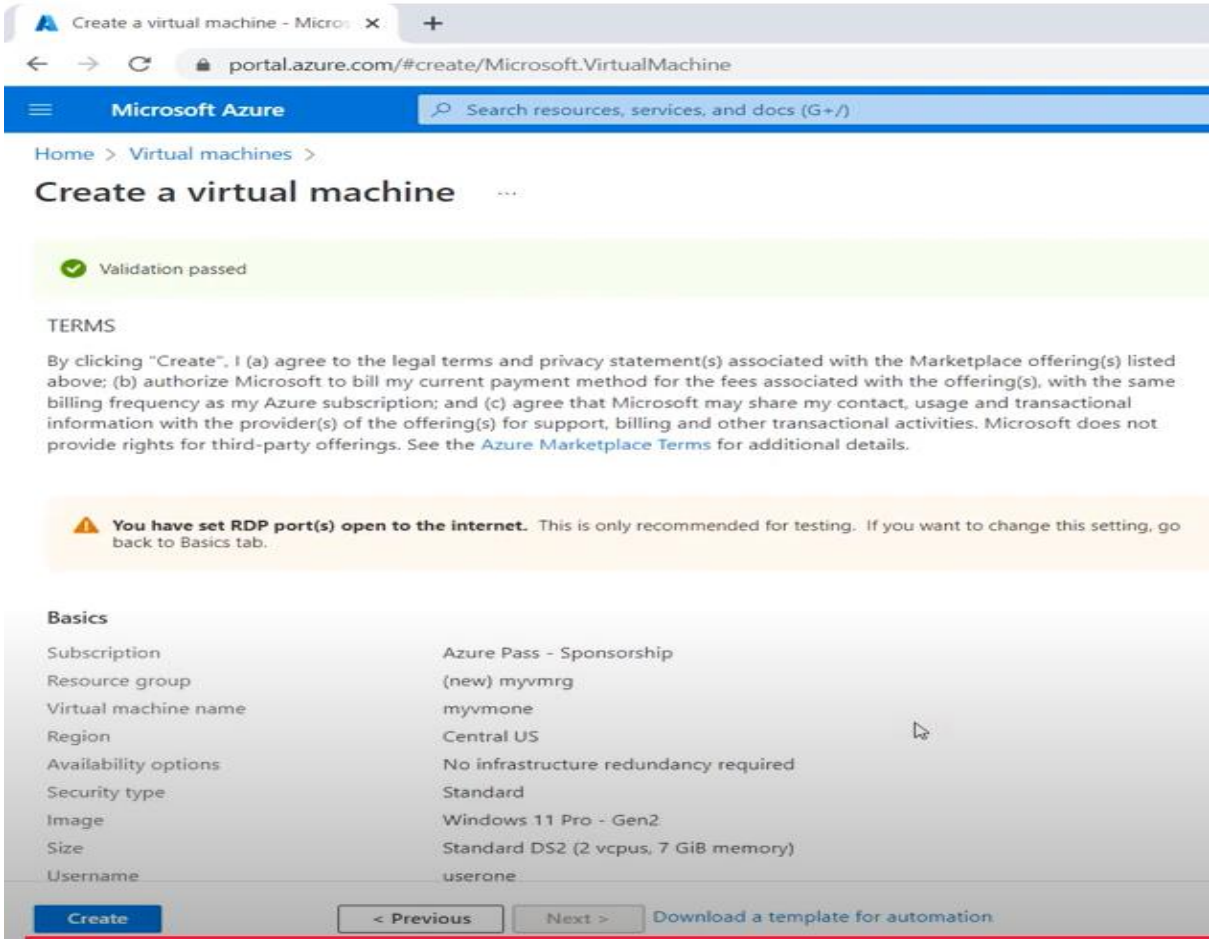


Step 8: Review + Create

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

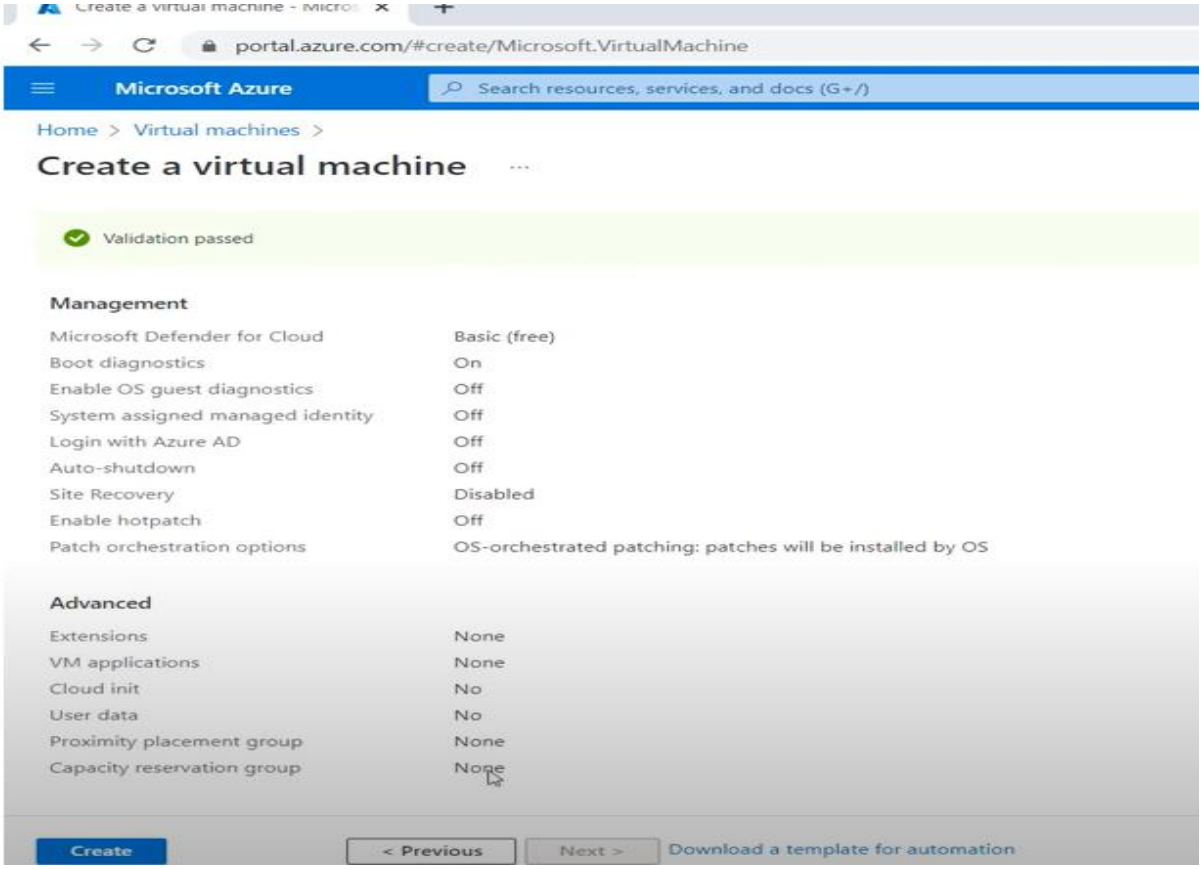


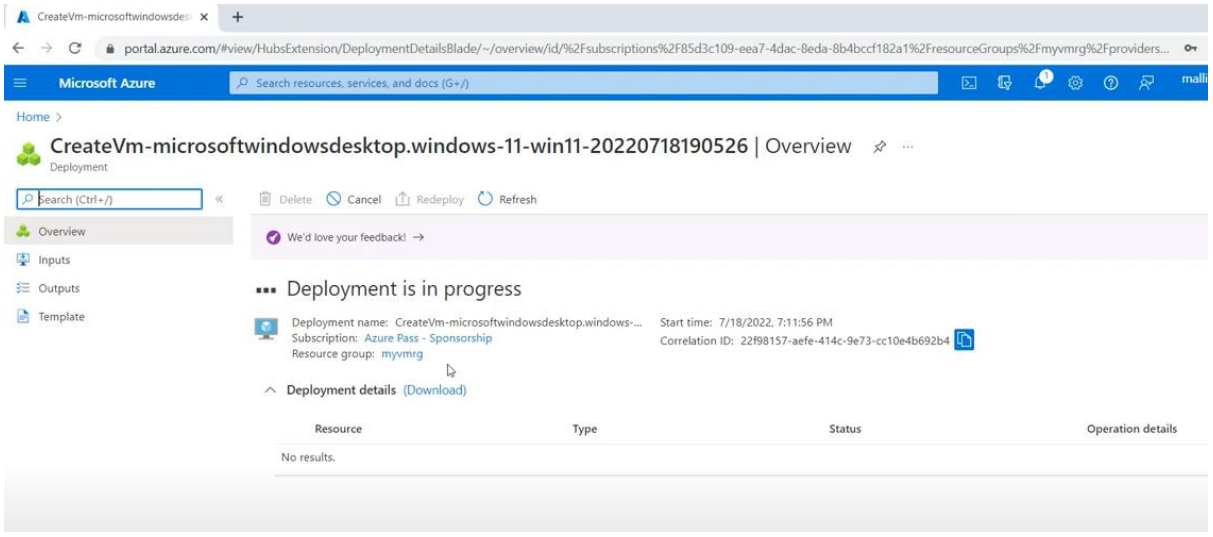

Create a virtual machine - Micro
portal.azure.com/#create/Microsoft.VirtualMachine
Microsoft Azure
Search resources, services, and docs (G+/)
Home > Virtual machines >
Create a virtual machine
Running final validation...
Basics Disks Networking Management Advanced Tags Review + create
Cost given below is an estimate and not the final price. Please use Pricing calculator for all your pricing needs.
PRODUCT DETAILS
1 X Standard 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
< Previous
Next >
Download a template for automation

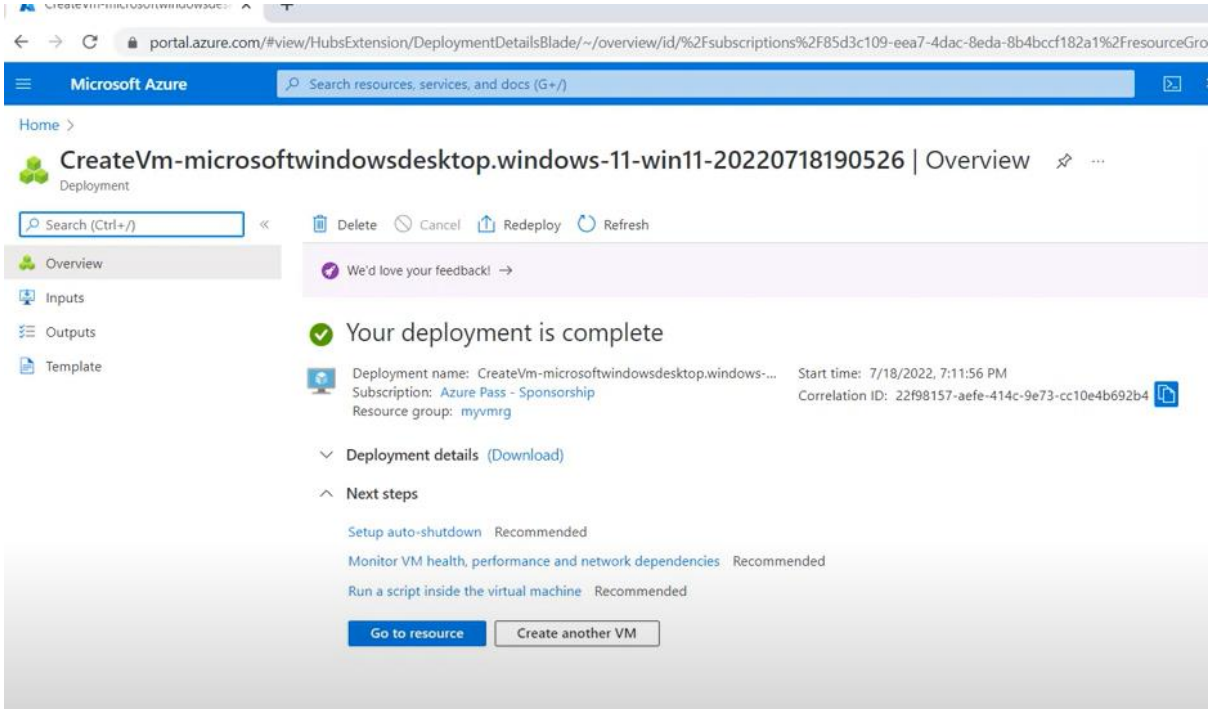

Create a virtual machine - Micro
portal.azure.com/#create/Microsoft.VirtualMachine
Microsoft Azure
Search resources, services, and docs (G+/)
Home > Virtual machines >
Create a virtual machine
Validation passed
TERMS
By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated 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
< Previous
Next >
Download a template for automation

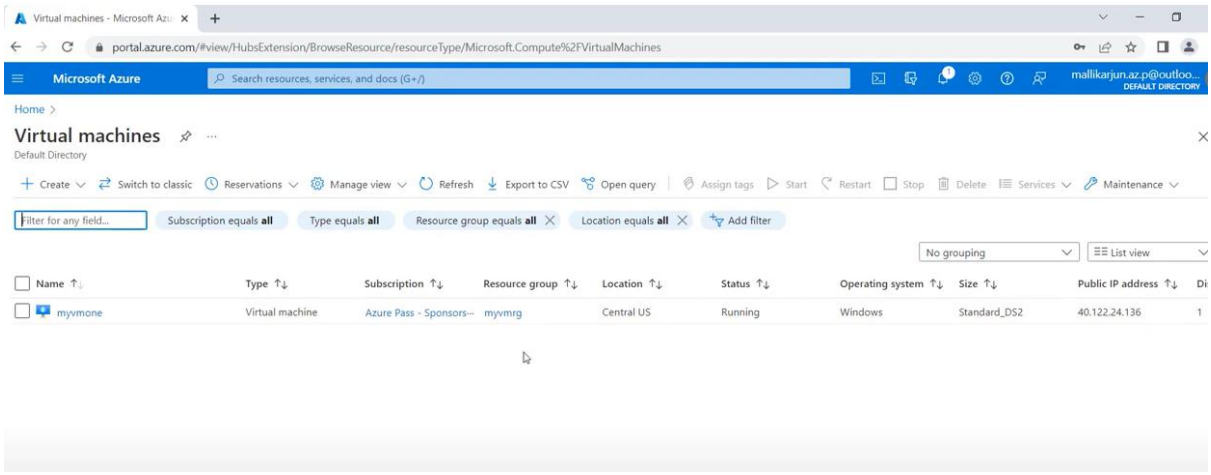
Step 9: VM Deployment

- 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.



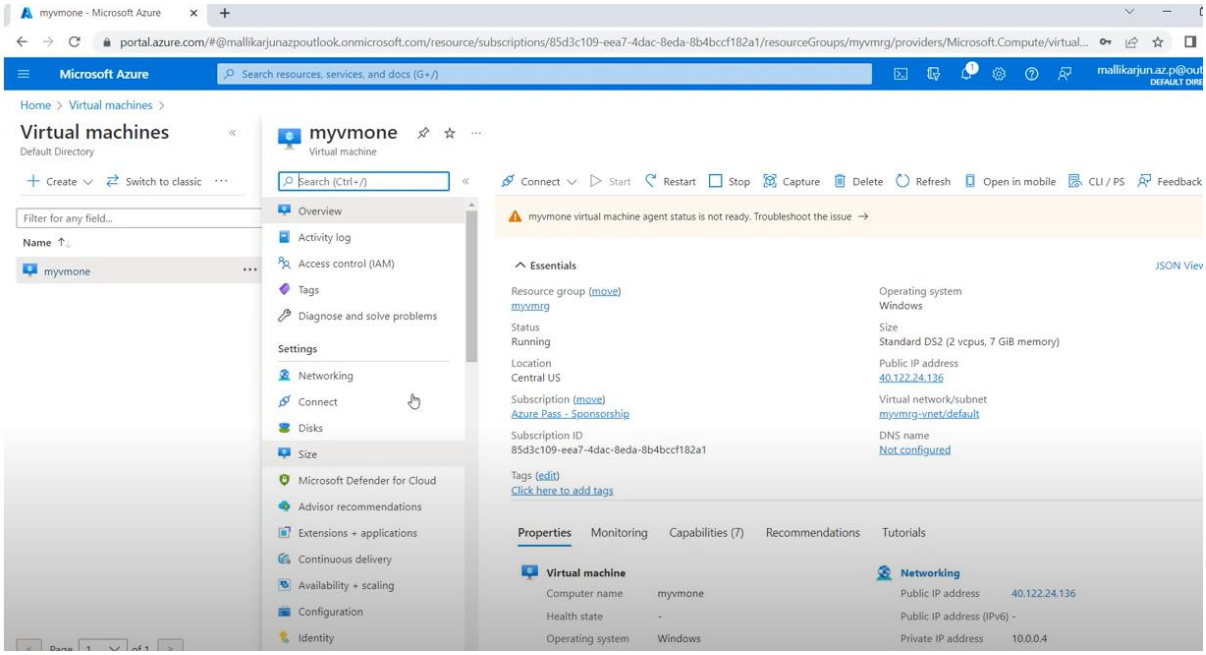




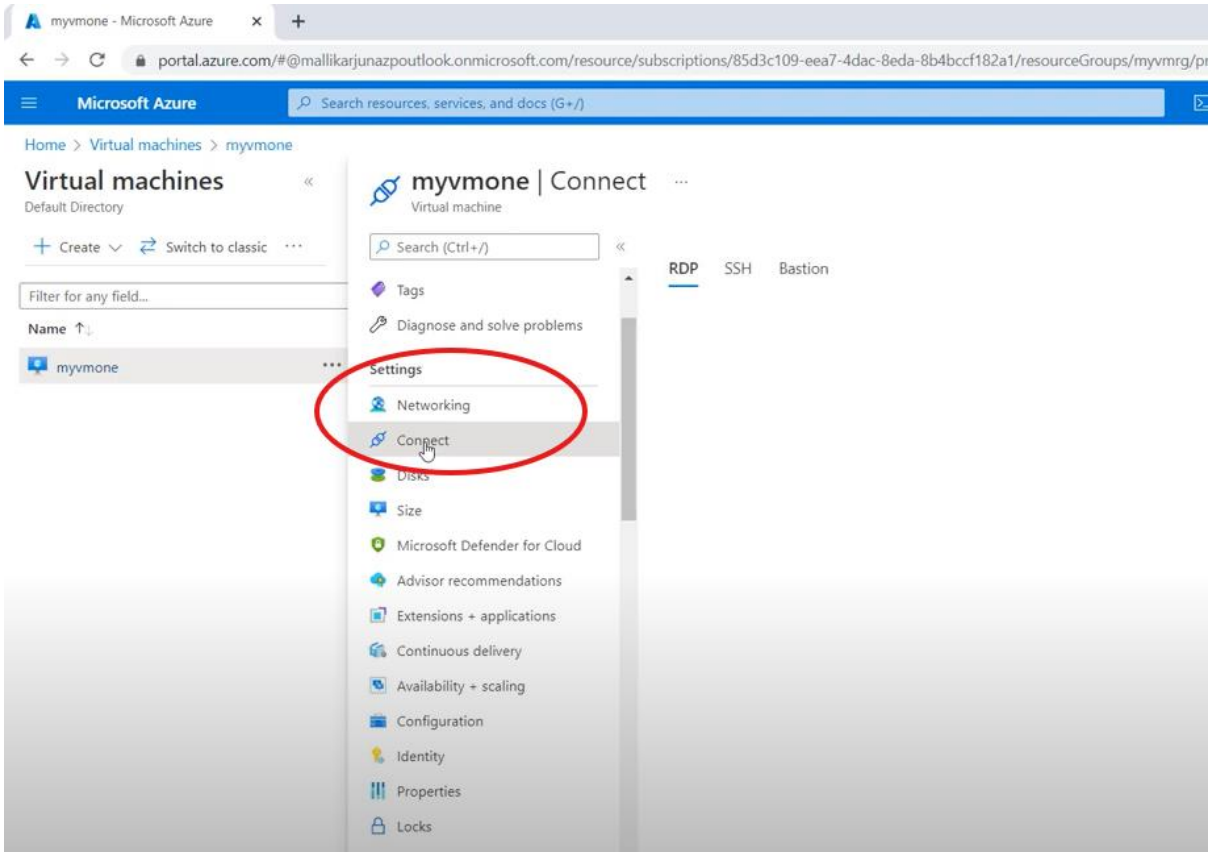


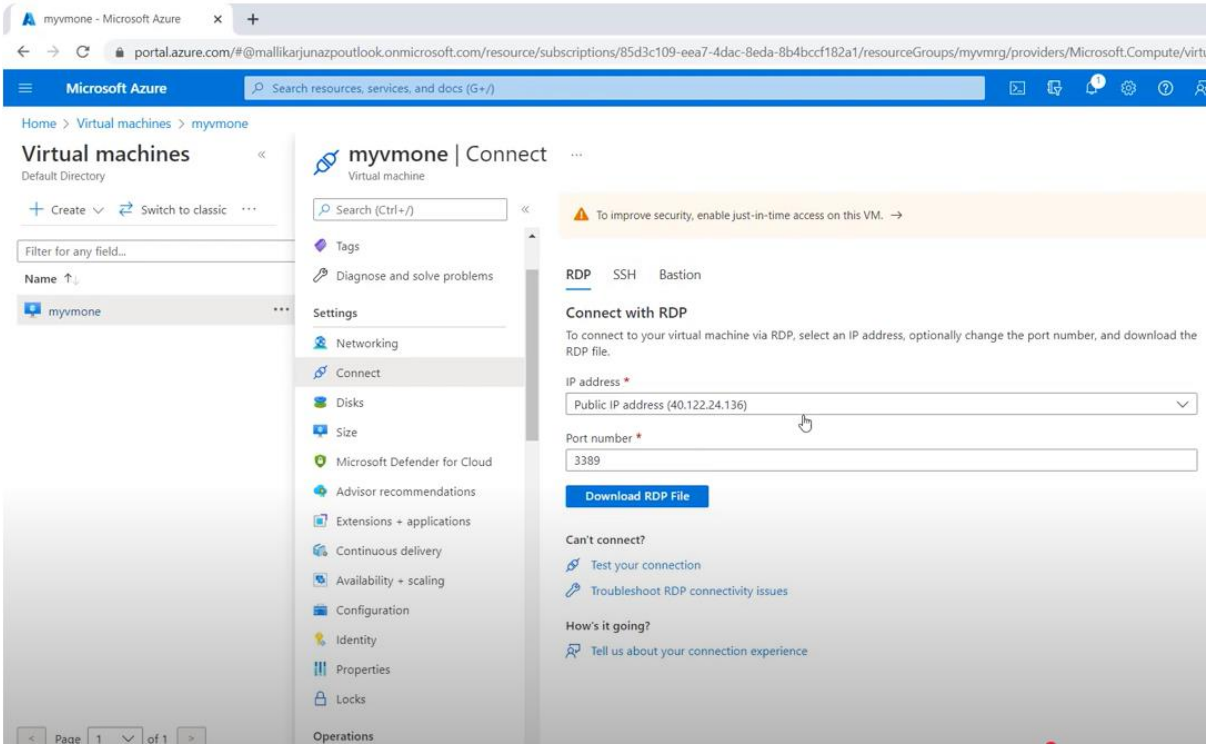
Step 10: Access the VM

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

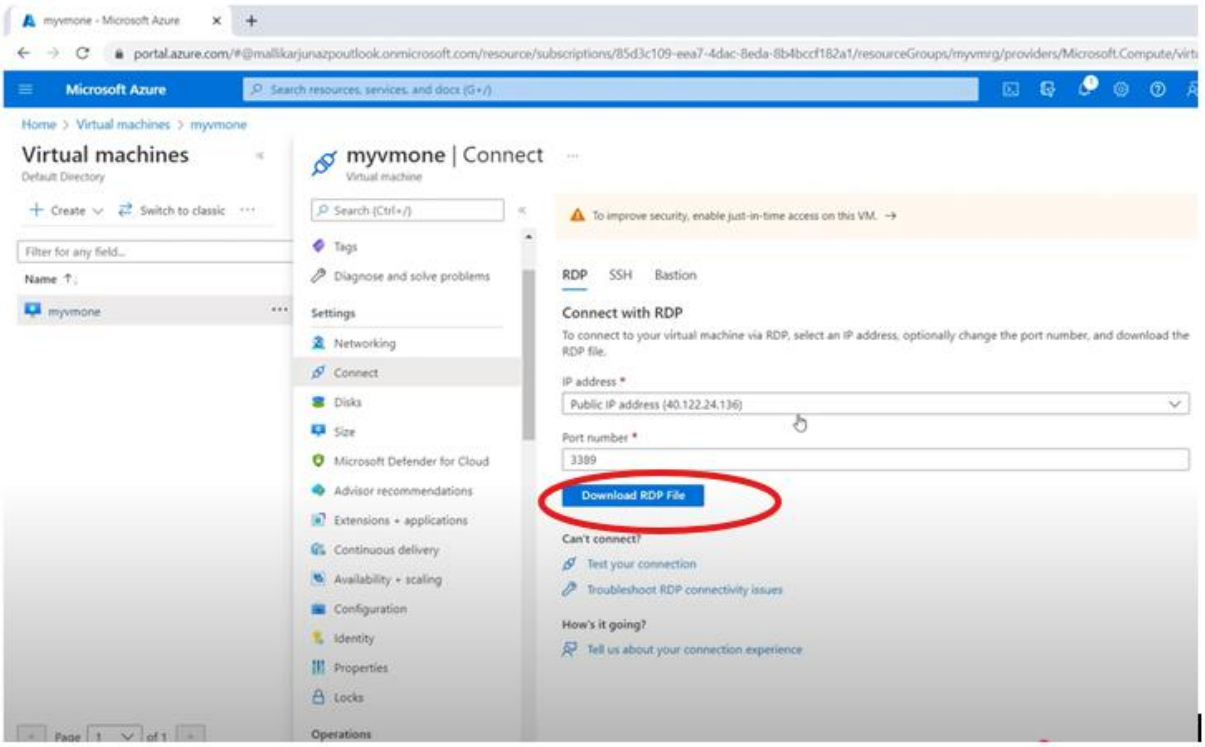


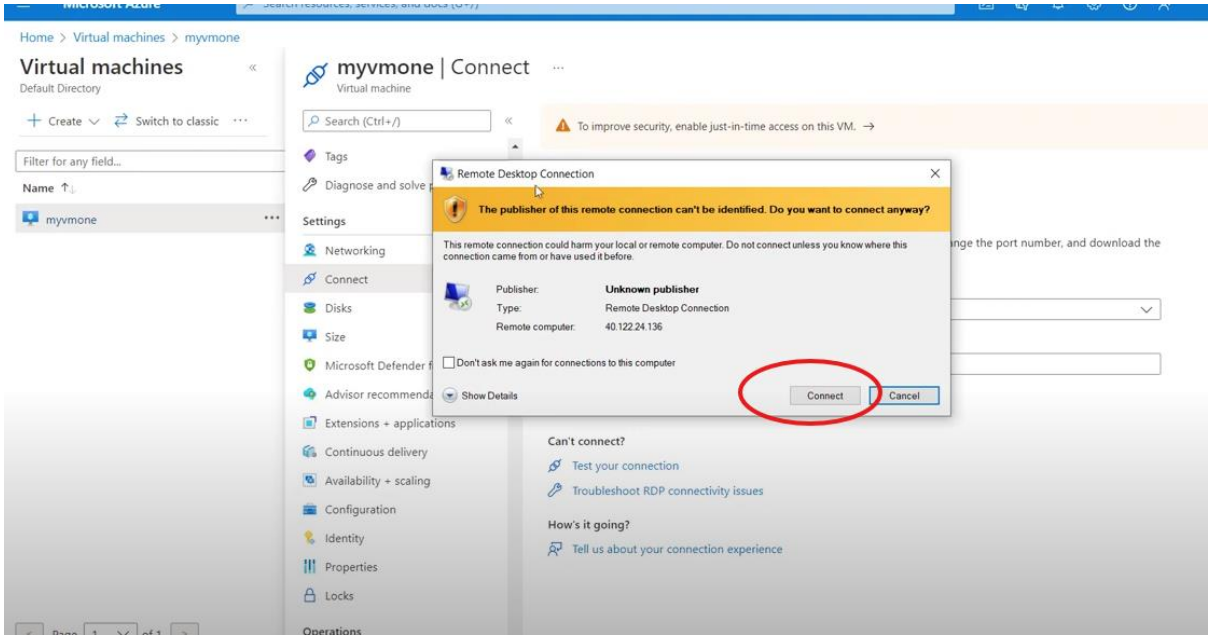
- To connect to the VM, click **"Connect"** at the top of the VM's page and select **RDP** (Remote Desktop Protocol).

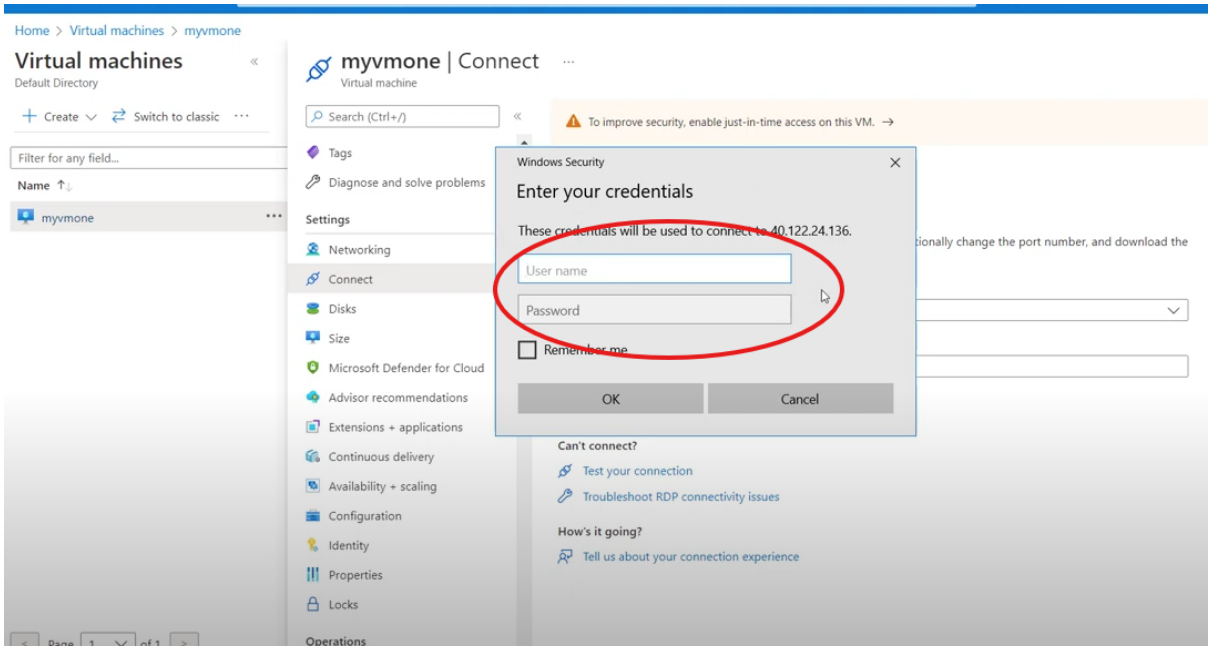


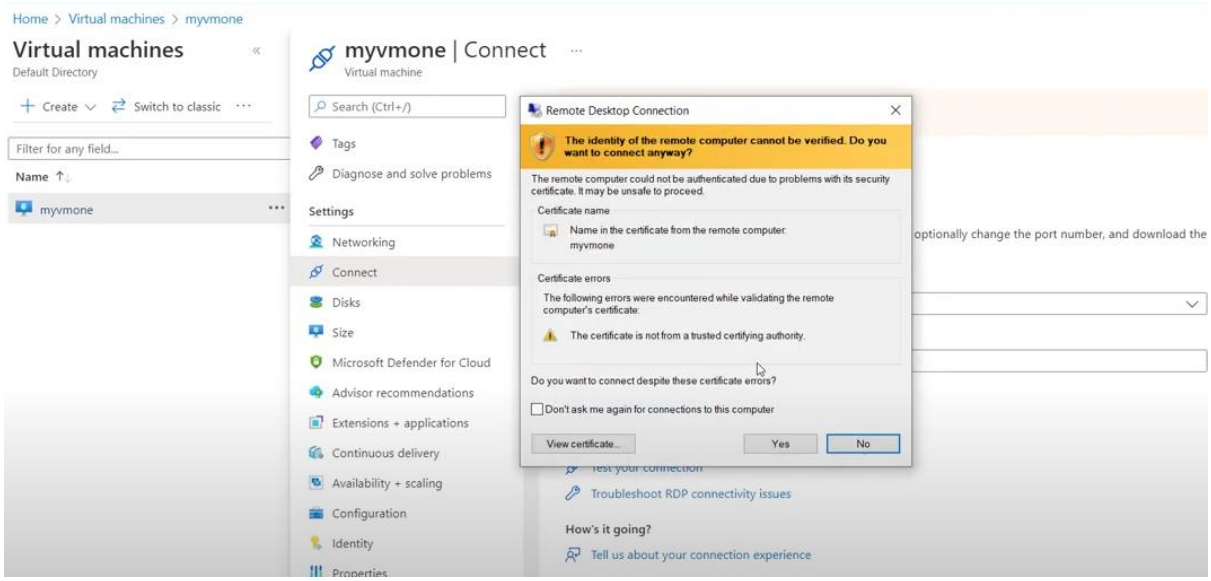


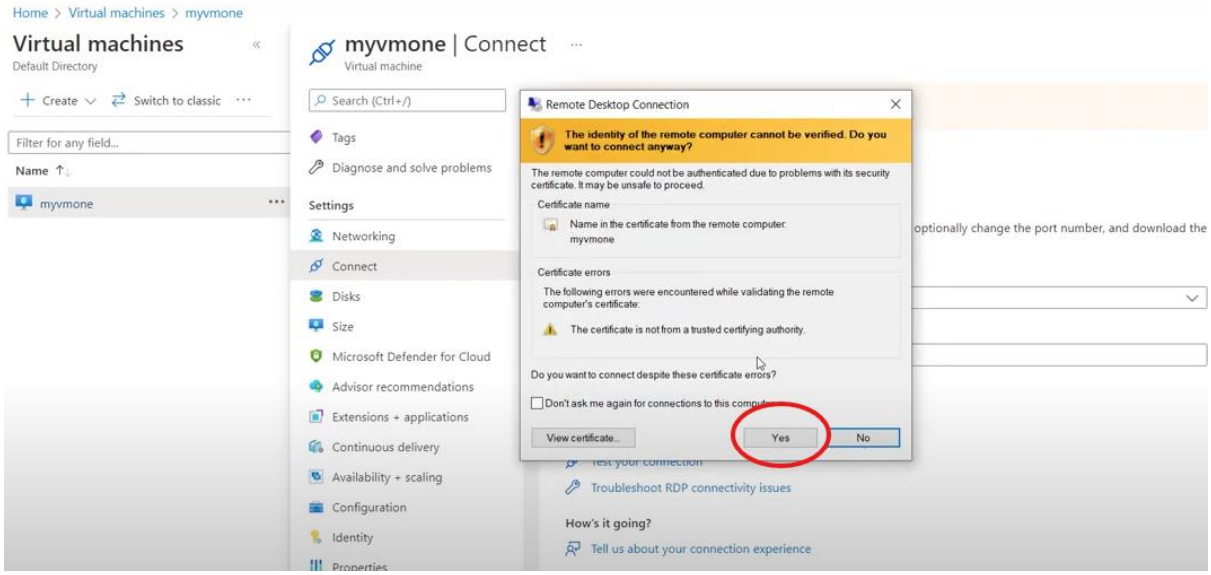
- Download the **RDP file** and open it to connect to your Windows Virtual Machine using the username and password you specified earlier.

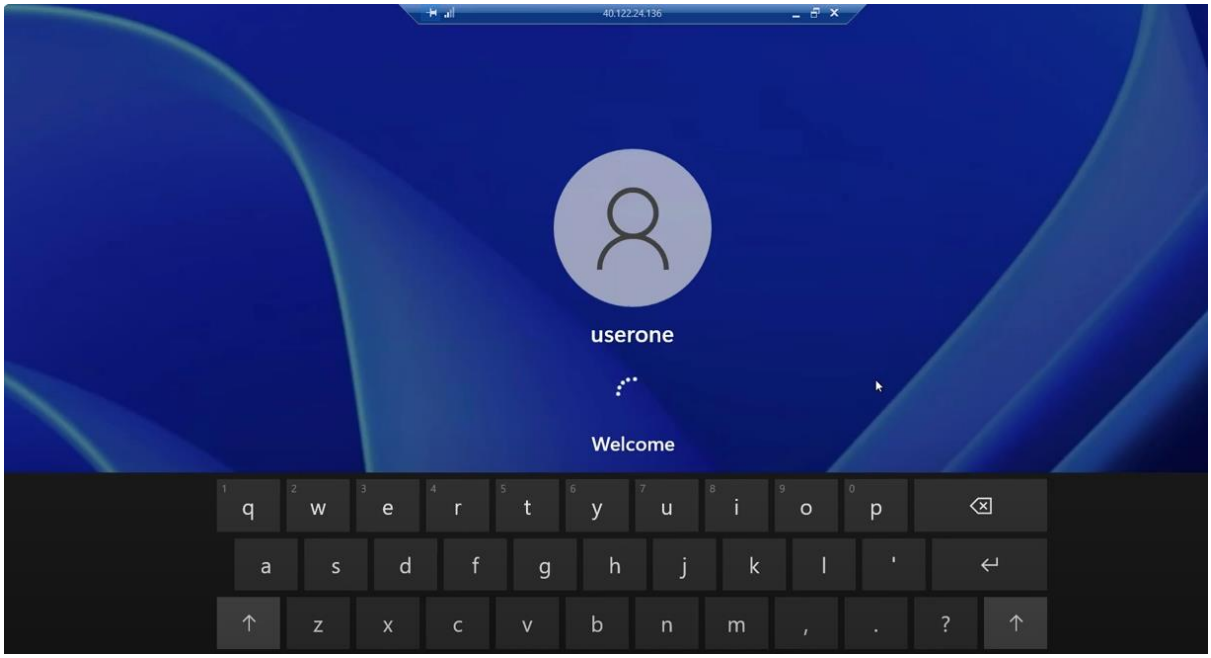


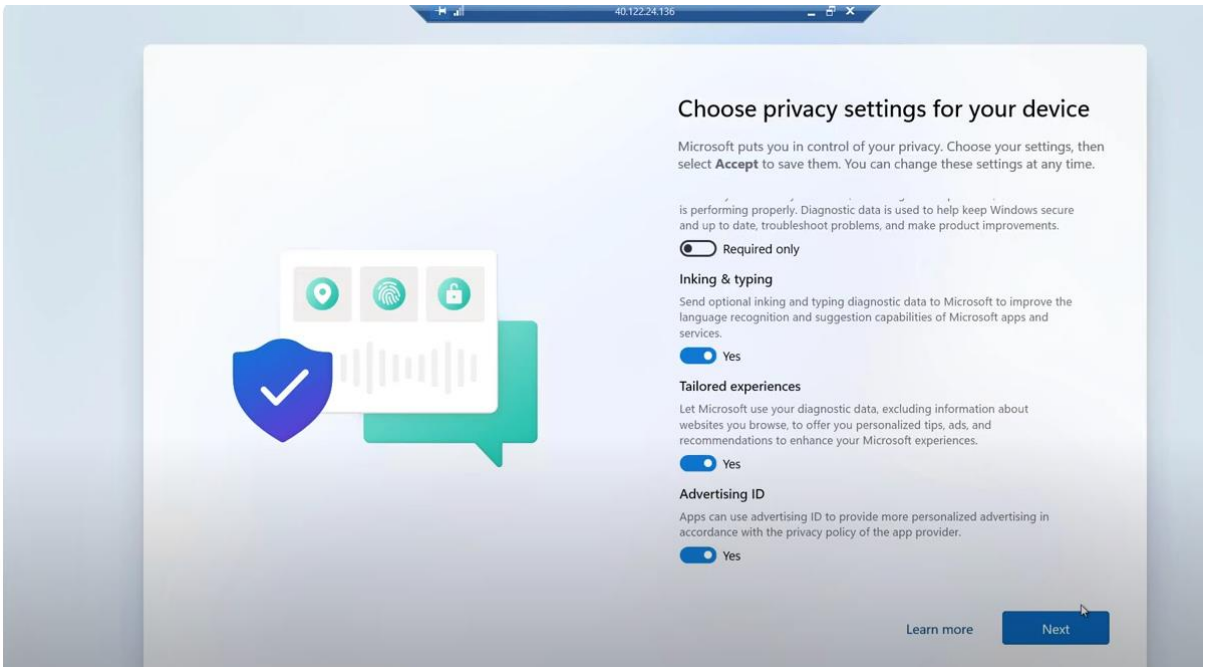

Home > Virtual machines > myvmone
Virtual machines
Default Directory
Create
Switch to classic
Filter for any field...
Name
myvmone
myvmone | Connect
Virtual machine
Search (Ctrl+/)
To improve security, enable just-in-time access on this VM.
Tags
Diagnose and solve
Settings
Networking
Connect
Disks
Size
Microsoft Defender
Advisor recommenda
Extensions + applications
Continuous delivery
Availability + scaling
Configuration
Identity
Properties
Locks
Operations
Remote Desktop Connection
The publisher of this remote connection can't be identified. Do you want to connect anyway?
This remote connection could harm your local or remote computer. Do not connect unless you know where this connection came from or have used it before.
Publisher:
Unknown publisher
Type:
Remote Desktop Connection
Remote computer:
40.122.24.136
Don't ask me again for connections to this computer
Show Details
Connect
Cancel
Can't connect?
Test your connection
Troubleshoot RDP connectivity issues
How's it going?
Tell us about your connection experience

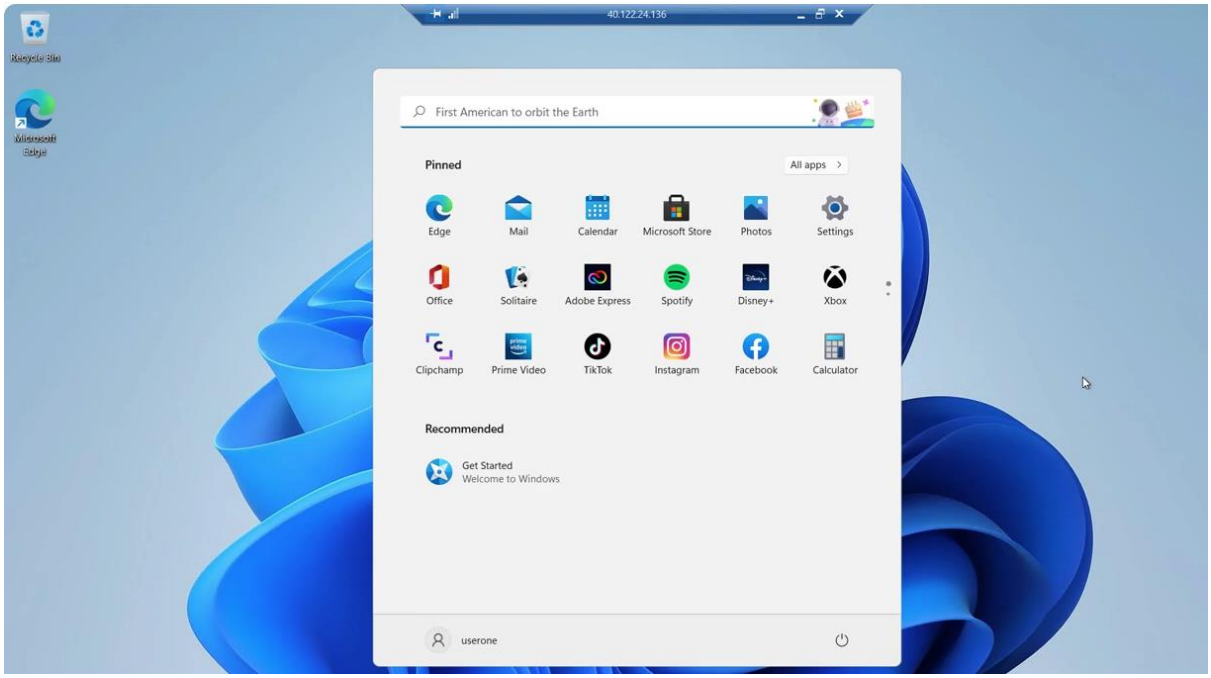

Home > Virtual machines > myvmone
Virtual machines
Default Directory
Create
Switch to classic
Filter for any field...
Name
myvmone
myvmone | Connect
Virtual machine
Search (Ctrl+/)
To improve security, enable just-in-time access on this VM.
Tags
Diagnose and solve problems
Settings
Networking
Connect
Disks
Size
Microsoft Defender for Cloud
Advisor recommendations
Extensions + applications
Continuous delivery
Availability + scaling
Configuration
Identity
Properties
Locks
Operations
Windows Security
Enter your credentials
These credentials will be used to connect to 40.122.24.136.
User name
Password
Remember me
OK
Cancel
Can't connect?
Test your connection
Troubleshoot RDP connectivity issues
How's it going?
Tell us about your connection experience


Home > Virtual machines > myvmone
Virtual machines
Default Directory
Create
Switch to classic
Filter for any field...
Name
myvmone
myvmone | Connect
Virtual machine
Search (Ctrl+/)
Tags
Diagnose and solve problems
Settings
Networking
Connect
Disks
Size
Microsoft Defender for Cloud
Advisor recommendations
Extensions + applications
Continuous delivery
Availability + scaling
Configuration
Identity
Properties
Remote Desktop Connection
The identity of the remote computer cannot be verified. Do you want to connect anyway?
The remote computer could not be authenticated due to problems with its security certificate. It may be unsafe to proceed.
Certificate name
Name in the certificate from the remote computer:
myvmone
Certificate errors
The following errors were encountered while validating the remote computer's certificate:
The certificate is not from a trusted certifying authority.
Do you want to connect despite these certificate errors?
Don't ask me again for connections to this computer
View certificate...
Yes
No
optionally change the port number, and download the
Troubleshoot RDP connectivity issues
How's it going?
Tell us about your connection experience

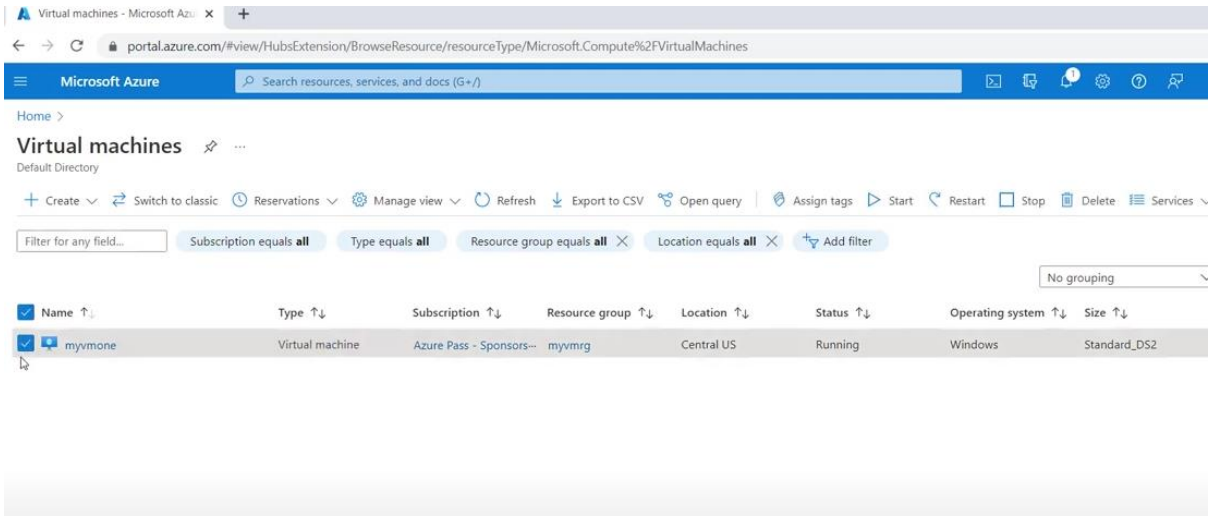

Home > Virtual machines > myvmone
Virtual machines
Default Directory
Create
Switch to classic
Filter for any field...
Name
myvmone
myvmone | Connect
Virtual machine
Search (Ctrl+/)
Tags
Diagnose and solve problems
Settings
Networking
Connect
Disks
Size
Microsoft Defender for Cloud
Advisor recommendations
Extensions + applications
Continuous delivery
Availability + scaling
Configuration
Identity
Properties
Remote Desktop Connection
The identity of the remote computer cannot be verified. Do you want to connect anyway?
The remote computer could not be authenticated due to problems with its security certificate. It may be unsafe to proceed.
Certificate name
Name in the certificate from the remote computer:
myvmone
Certificate errors
The following errors were encountered while validating the remote computer's certificate:
The certificate is not from a trusted certifying authority.
Do you want to connect despite these certificate errors?
View certificate...
Yes
No
optionally change the port number, and download the
Troubleshoot RDP connectivity issues
How's it going?
Tell us about your connection experience

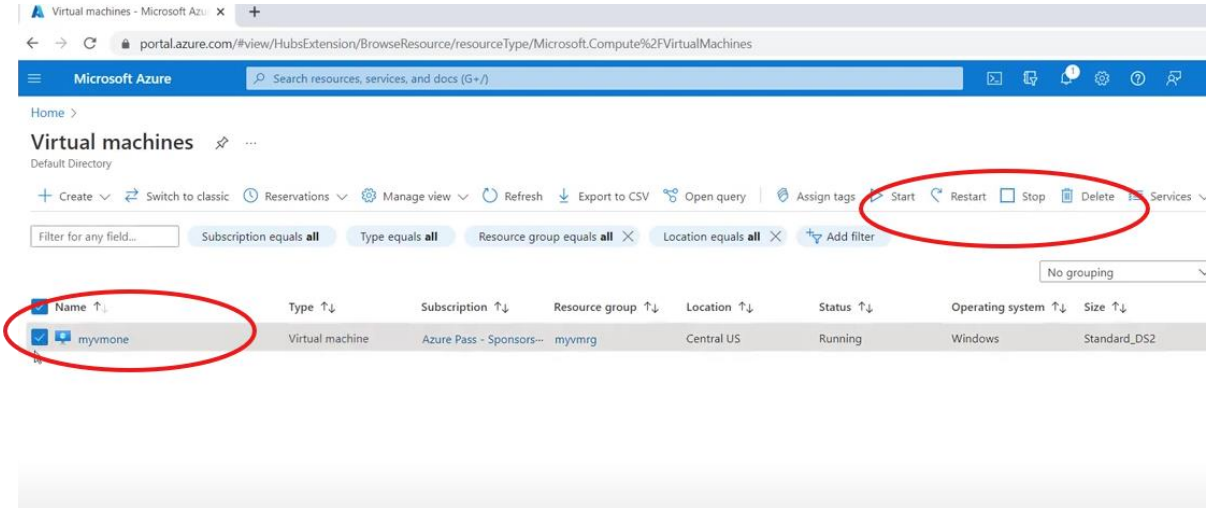

40.122.24.136
userone
Welcome


40.122.24.136
Choose privacy settings for your device
Microsoft puts you in control of your privacy. Choose your settings, then select Accept to save them. You can change these settings at any time.
is performing properly. Diagnostic data is used to help keep Windows secure and up to date, troubleshoot problems, and make product improvements.
Required only
Inking & typing
Send optional inking and typing diagnostic data to Microsoft to improve the language recognition and suggestion capabilities of Microsoft apps and services.
Yes
Tailored experiences
Let Microsoft use your diagnostic data, excluding information about websites you browse, to offer you personalized tips, ads, and recommendations to enhance your Microsoft experiences.
Yes
Advertising ID
Apps can use advertising ID to provide more personalized advertising in accordance with the privacy policy of the app provider.
Yes
Learn more
Next



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




Virtual machines - Microsoft Azu
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
Name
Type
Subscription
Resource group
Location
Status
Operating system
Size
myvmone
Virtual machine
Azure Pass - Sponsors...
myvmrg
Central US
Running
Windows
Standard_DS2