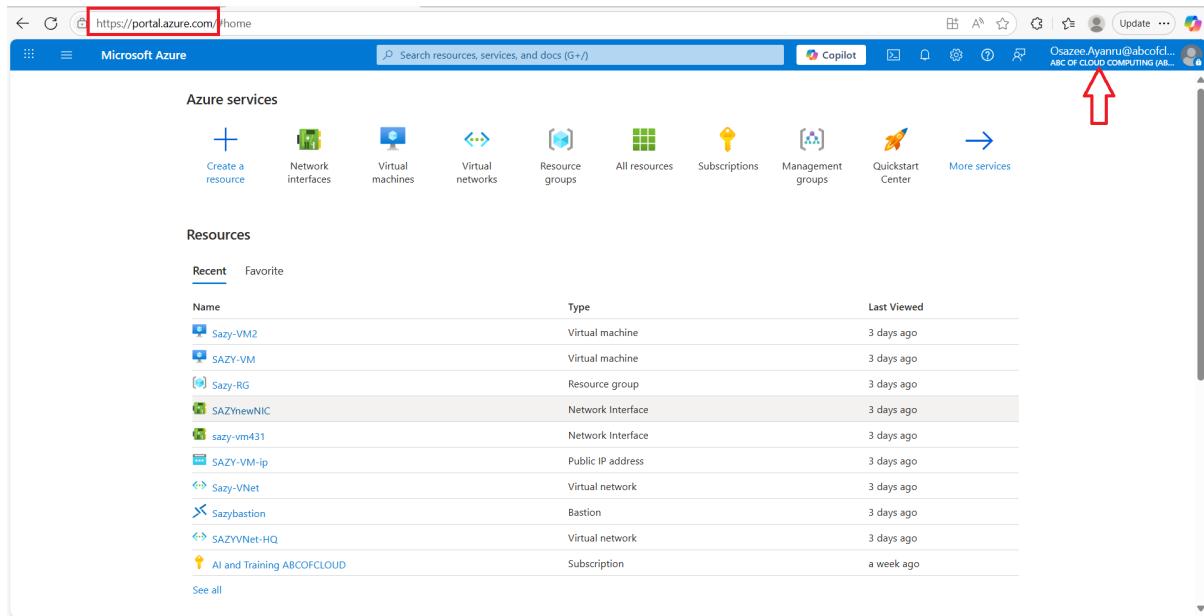


Step 1: Sign in to Azure Portal

Go to <https://portal.azure.com> and log in with your Azure account credentials.

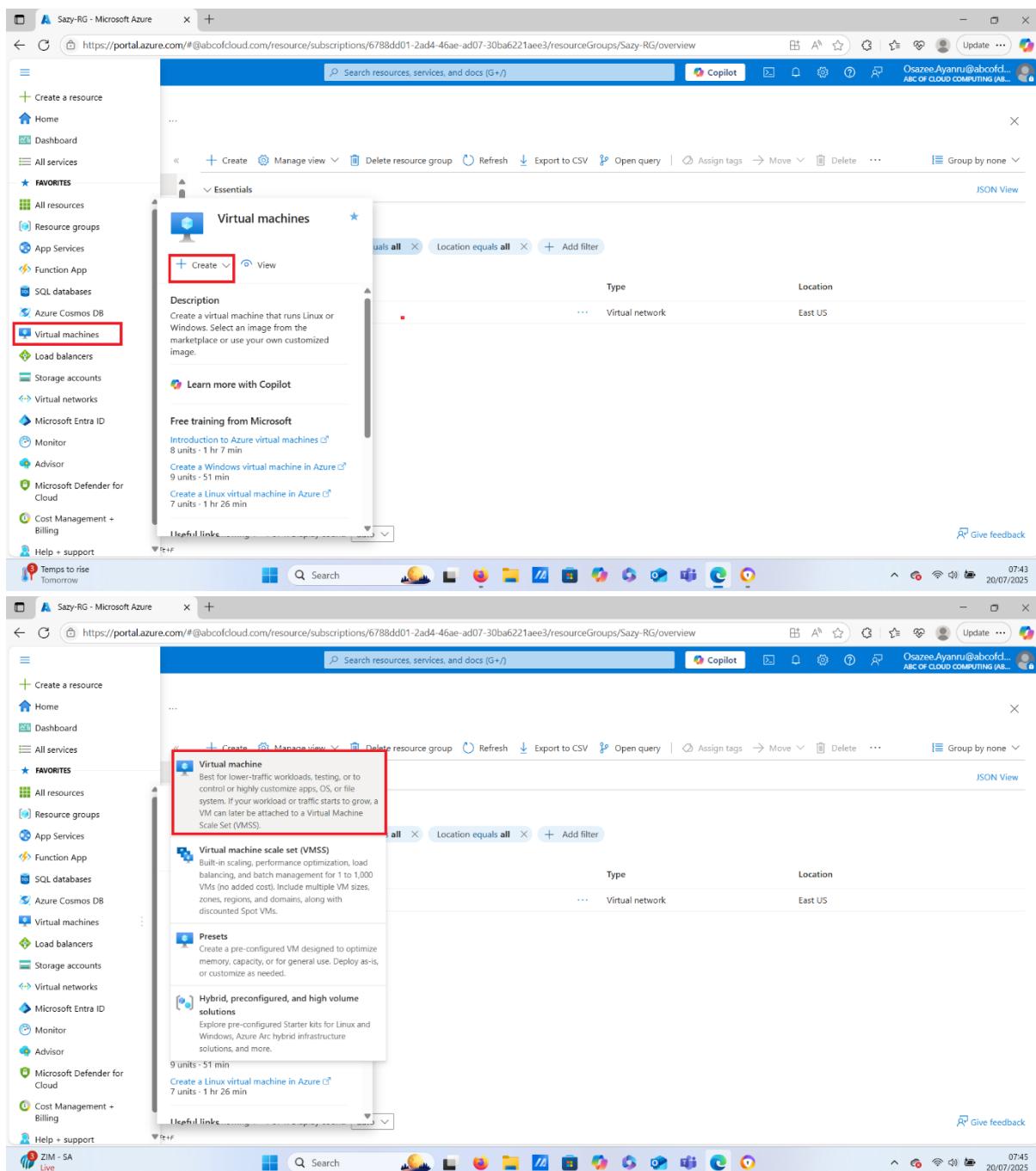


The screenshot shows the Microsoft Azure portal home page. The URL in the address bar is <https://portal.azure.com>. The top navigation bar includes the Microsoft Azure logo, a search bar, and various icons for Copilot, AI, and account settings. The user profile icon shows the name Osaze Ayenru and the email address Osaze.Ayenru@abcofdl.com. The main content area is divided into sections: 'Azure services' with links for Create a resource, Network interfaces, Virtual machines, Virtual networks, Resource groups, All resources, Subscriptions, Management groups, Quickstart Center, and More services; and 'Resources' with a table of recent resources. The table has columns for Name, Type, and Last Viewed. The resources listed are: Sazy-VM2 (Virtual machine, 3 days ago), SAZY-VM (Virtual machine, 3 days ago), Sazy-RG (Resource group, 3 days ago), SAZYnewNIC (Network Interface, 3 days ago), sazy-vm431 (Network Interface, 3 days ago), SAZY-VM-ip (Public IP address, 3 days ago), Sazy-VNet (Virtual network, 3 days ago), Sazybastion (Bastion, 3 days ago), SAZYVNet-HQ (Virtual network, 3 days ago), and AI and Training ABCOFCLOUD (Subscription, a week ago). A red arrow points to the user profile icon in the top right corner.

Name	Type	Last Viewed
Sazy-VM2	Virtual machine	3 days ago
SAZY-VM	Virtual machine	3 days ago
Sazy-RG	Resource group	3 days ago
SAZYnewNIC	Network Interface	3 days ago
sazy-vm431	Network Interface	3 days ago
SAZY-VM-ip	Public IP address	3 days ago
Sazy-VNet	Virtual network	3 days ago
Sazybastion	Bastion	3 days ago
SAZYVNet-HQ	Virtual network	3 days ago
AI and Training ABCOFCLOUD	Subscription	a week ago

Step 2: Go to “Virtual Machines”

1. From the left menu or search bar, select “Virtual Machines”
2. Click + Create → Azure virtual machine



The image shows two screenshots of the Azure portal interface, illustrating the steps to create a virtual machine.

Screenshot 1: Initial 'Virtual machines' creation screen

The left sidebar shows the 'Virtual machines' option selected. The main area displays a 'Create' button highlighted with a red box. Below it is a description of what a virtual machine is, followed by a 'Learn more with Copilot' section and a 'Free training from Microsoft' section. The table shows one existing VM: Type is 'Virtual network', Location is 'East US'.

Type	Location
Virtual network	East US

Screenshot 2: 'Virtual machine' creation sub-menu

The 'Virtual machine' option in the sub-menu is highlighted with a red box. It provides a brief description: 'Best for lower-traffic workloads, testing, or to control or highly customize apps, OS, or file system. If your workload or traffic starts to grow, a VM can later be attached to a Virtual Machine Scale Set (VMSS)'. Below this are other options: 'Virtual machine scale set (VMSS)', 'Presets', 'Hybrid, preconfigured, and high volume solutions', and 'Create a Linux virtual machine in Azure'.

Step 3: Basics Tab

1. Subscription – Choose your Azure subscription – e.g., AI and Training ABCOFCLOUD
2. Resource Group – Select existing – e.g., SAZY-RG or click “Create new”
3. Virtual Machine Name – e.g., SazyVM
4. Region – Select the same region as your VNet
5. Availability options: Leave as default unless using availability zones.
6. Security type – e.g., trusted lunch virtual machines
7. Image – Choose OS (e.g., Windows 10/11, Windows Server 2025, Ubuntu)
8. VM Architecture – Choose the one that matches the Image. E.g., x64
9. Size – Choose the VM size (e.g., B2s for test)
10. Admin username & password – Set strong credentials
11. Inbound port rules – Public inbound ports e.g., none or Allow Selected ports
12. Inbound port rules – Select inbound ports e.g., RDP (3389)

Microsoft Azure | Create a virtual machine - Micros | IIS Windows Server | + | <https://portal.azure.com/#create/Microsoft.VirtualMachine-ARM> | [Search resources, services, and docs \(G+\)](#) | [Copilot](#) | [Osazeze.Ayynn@abcef1d...](#) | [Update](#)

Home > Create a virtual machine

Help me create a low cost VM | Help me create a VM optimized for high availability | Help me choose the right VM size for my workload

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 * ① 1

Resource group * ② 2

Virtual machine name * ③ 3

Region * ④ 4

Availability options ⑤ 5

Security type ⑥ 6

Image * ⑦ 7

VM architecture ⑧ x64 8

Run with Azure Spot discount

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

15°C Partly sunny | [Search](#) | [Cloud](#) | [File Explorer](#) | [PowerShell](#) | [Task View](#) | [File](#) | [Settings](#) | [Start](#) | [Taskbar](#) | [System](#) | [Feedback](#) | [01:31](#) | [23/07/2025](#)

Microsoft Azure | Create a virtual machine - Micros | IIS Windows Server | + | <https://portal.azure.com/#create/Microsoft.VirtualMachine-ARM> | [Search resources, services, and docs \(G+\)](#) | [Copilot](#) | [Osazeze.Ayynn@abcef1d...](#) | [Update](#)

Home > Create a virtual machine

Help me create a low cost VM | Help me create a VM optimized for high availability | Help me choose the right VM size for my workload

Basics Disks Networking Management Monitoring Advanced Tags Review + create

Size * ⑨ 9

Enable Hibernation

Administrator account

Username * ⑩ 10

Password * 11

Confirm password * 12

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 11

Select inbound ports * 12

Licensing

Save up to 49% with a license you already own using Azure Hybrid Benefit. [Learn more ↗](#)

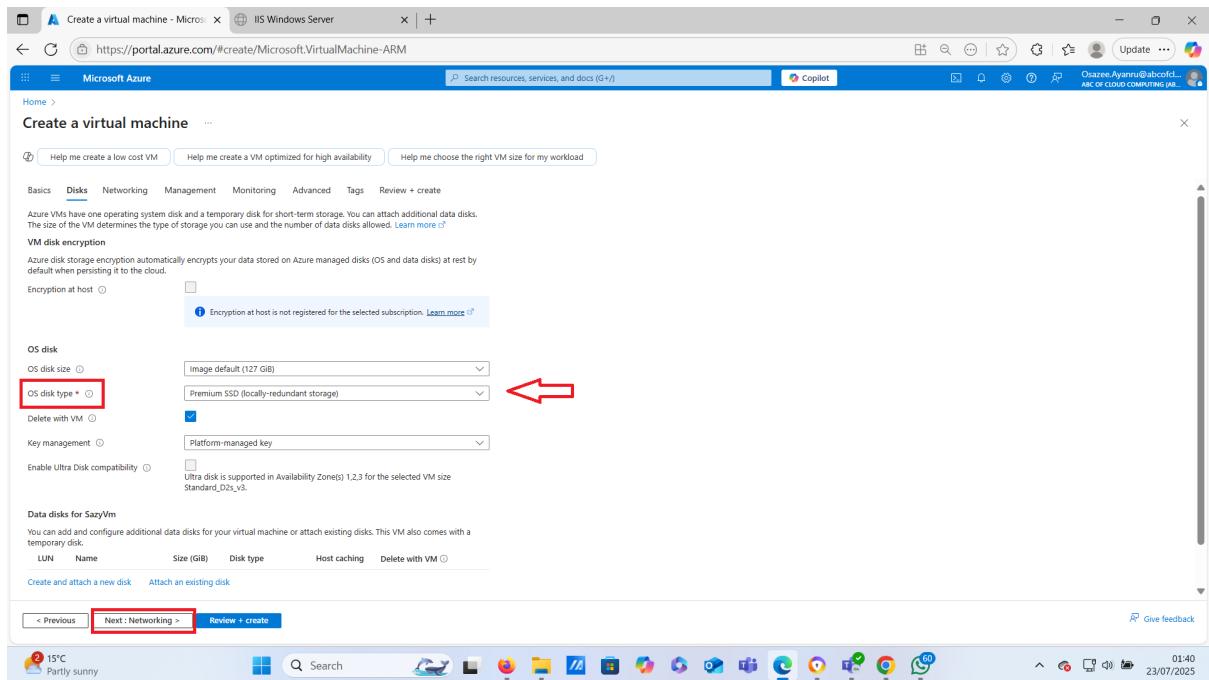
Would you like to use an existing Windows Server license?

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

15°C Partly sunny | [Search](#) | [Cloud](#) | [File Explorer](#) | [PowerShell](#) | [Task View](#) | [File](#) | [Settings](#) | [Start](#) | [Taskbar](#) | [System](#) | [Feedback](#) | [01:30](#) | [23/07/2025](#)

Step 4: Disks

- Choose the OS disk type: Standard HDD/SSD or Premium SSD depending on performance needs.
- Leave the rest as default unless you have specific requirements.



Step 5: Networking Tab

1. Select an existing Virtual Network
2. Select a Subnet
3. Leave Public IP enabled (for RDP or SSH)
4. Enable RDP (port 3389) or SSH (port 22) depending on your OS

5. Choose load balancing options

The screenshot shows the 'Create a virtual machine' wizard on the 'Networking' tab. The steps are numbered as follows:

1. Virtual Network: Set to 'Easy-Vnet'.
2. Subnet: Set to 'SazySubnet (10.57.0.0/25)'.
3. Public IP: Set to '(new) SazyVm-ip'.
4. Public inbound ports: Set to 'RDP (3389)'.
5. Load balancing options: Set to 'None'.

The 'Review + create' button is visible at the bottom of the wizard.

Step 6: Management, Monitoring, Advanced Tabs and Tags

- You can leave these as default or customize based on monitoring, identity, or automation requirements

The image consists of three vertically stacked screenshots of the Microsoft Azure 'Create a virtual machine' wizard, showing the 'Management', 'Monitoring', and 'Advanced' tabs respectively.

Management Tab (Top Screenshot):

- Header: 'Create a virtual machine - Microsoft IIS Windows Server' and 'https://portal.azure.com/#create/Microsoft.VirtualMachine-ARM'.
- Sub-header: 'Create a virtual machine'.
- Buttons: 'Help me create a low cost VM', 'Help me create a VM optimized for high availability', and 'Help me choose the right VM size for my workload'.
- Tab: 'Management' (selected).
- Section: 'Configure management options for your VM'.
 - Microsoft Defender for Cloud:** Describes Microsoft Defender for Cloud providing unified security management and advanced threat protection across hybrid cloud workloads. [Learn more](#).
 - Identity:** Options to enable system assigned managed identity and Microsoft Entra ID.
 - Auto-shutdown:** Options to enable auto-shutdown.
 - Backup:** Option to enable backup.
 - Site Recovery:** Option to enable Disaster Recovery.
- Buttons: '< Previous', 'Next : Monitoring >', and 'Review + create'.

Monitoring Tab (Middle Screenshot):

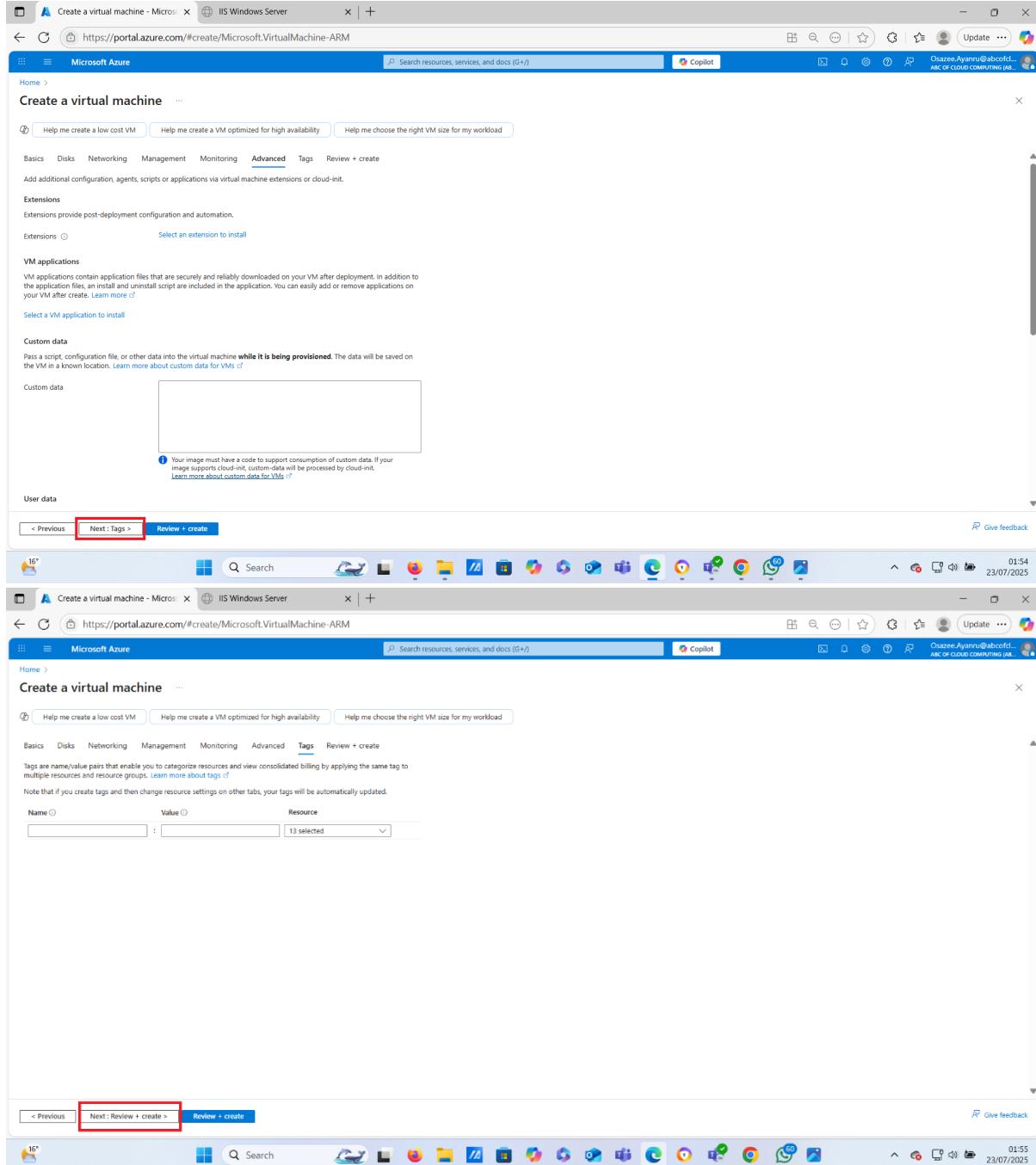
- Header: 'Create a virtual machine - Microsoft IIS Windows Server' and 'https://portal.azure.com/#create/Microsoft.VirtualMachine-ARM'.
- Sub-header: 'Create a virtual machine'.
- Buttons: 'Help me create a low cost VM', 'Help me create a VM optimized for high availability', and 'Help me choose the right VM size for my workload'.
- Tab: 'Monitoring' (selected).
- Section: 'Configure monitoring options for your VM'.
 - Alerts:** Option to enable recommended alert rules.
 - Diagnostics:** Options for Boot diagnostics and Enable OS guest diagnostics.
 - Boot diagnostics: Radio buttons for 'Enable with managed storage account (recommended)', 'Enable with custom storage account', and 'Disable'.
 - Enable OS guest diagnostics: Radio button for 'Enable'.
 - Health:** Option to enable application health monitoring.
- Buttons: '< Previous', 'Next : Advanced >', and 'Review + create'.

Advanced Tab (Bottom Screenshot):

- Header: 'Create a virtual machine - Microsoft IIS Windows Server' and 'https://portal.azure.com/#create/Microsoft.VirtualMachine-ARM'.
- Sub-header: 'Create a virtual machine'.
- Buttons: 'Help me create a low cost VM', 'Help me create a VM optimized for high availability', and 'Help me choose the right VM size for my workload'.
- Tab: 'Advanced' (selected).
- Section: 'Configure advanced options for your VM'.
- Buttons: '< Previous', 'Next : Tags >', and 'Review + create'.

Step 7: Advanced Tabs and Tags

- You can leave these as default or customize based on monitoring, identity, or automation requirements



The screenshot shows the Microsoft Azure 'Create a virtual machine' wizard, specifically the 'Tags' step. The browser title is 'Create a virtual machine - Microsoft Azure' and the URL is 'https://portal.azure.com/#create/Microsoft.VirtualMachine-ARM'. The page header includes 'IIS Windows Server' and 'Copilot'.

The main content area is titled 'Create a virtual machine' with a 'Tags' tab selected. Other tabs include 'Basics', 'Disks', 'Networking', 'Management', 'Monitoring', 'Advanced', and 'Review + create'. The 'Advanced' tab is highlighted with a blue underline.

Below the tabs, there is a section for 'Extensions' with a note: 'Extensions provide post-deployment configuration and automation.' A link 'Select an extension to install' is present.

The 'VM applications' section contains a note: '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.' A link 'Learn more' is provided.

The 'Custom data' section contains a note: '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](#)'.

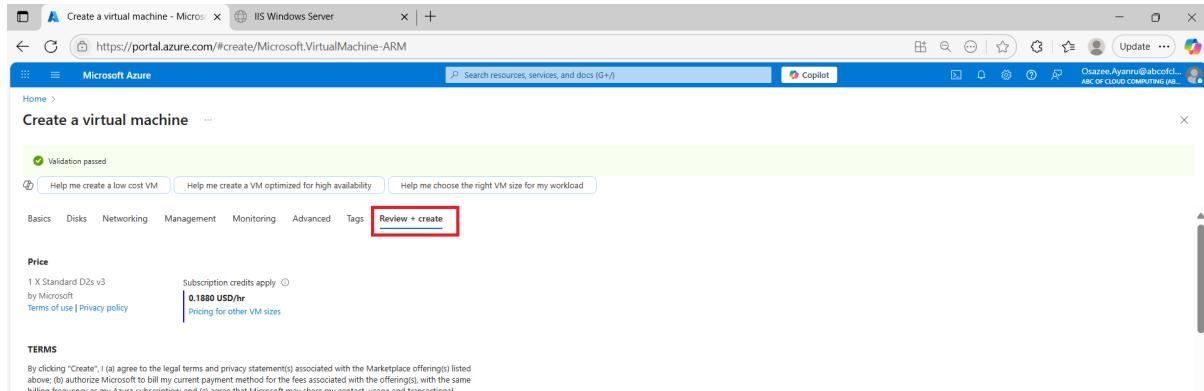
The 'User data' section shows a 'Custom data' input field with a note: 'Your image must have a code to support consumption of custom data. If your image supports cloud-init, custom-data will be processed by cloud-init. [Learn more about custom data for VMs](#)'.

At the bottom of the page, there are navigation buttons: '< Previous', 'Next : Tags >', and 'Review + create'. The 'Next : Tags >' button is highlighted with a red box.

The status bar at the bottom of the browser window shows the date '23/07/2025' and time '01:54'.

Step 8: Review + Create

- Review all configurations



Review + create

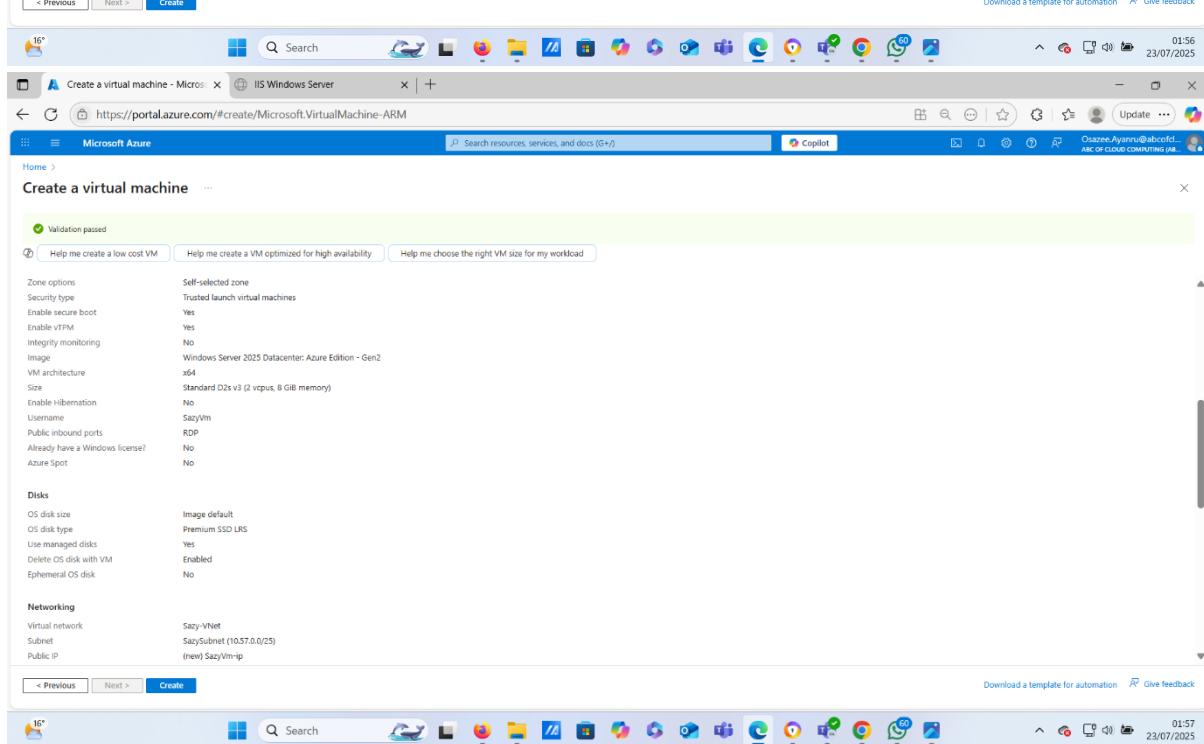
Price
1 X Standard D2s v3
by Microsoft
0.1880 USD/hr
Pricing for other VM sizes

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.

Basics

Subscription	AI and Training ABCOFCLOUD
Resource group	SazyRG
Virtual machine name	SazyVm
Region	East US
Availability options	No infrastructure redundancy required

Review + create



Review + create

Zone options
Self-selected zone

Security type
Trusted launch virtual machines

Enable secure boot
Yes

Enable VTPM
Yes

Integrity monitoring
No

Image
Windows Server 2025 Datacenter: Azure Edition - Gen2

VM architecture
x64

Size
Standard D2s v3 (2 vcpus, 8 GiB memory)

Enable hibernation
No

Username
SazyVm

Public inbound ports
RDP

Already have a Windows license?
No

Azure Spot
No

Disk

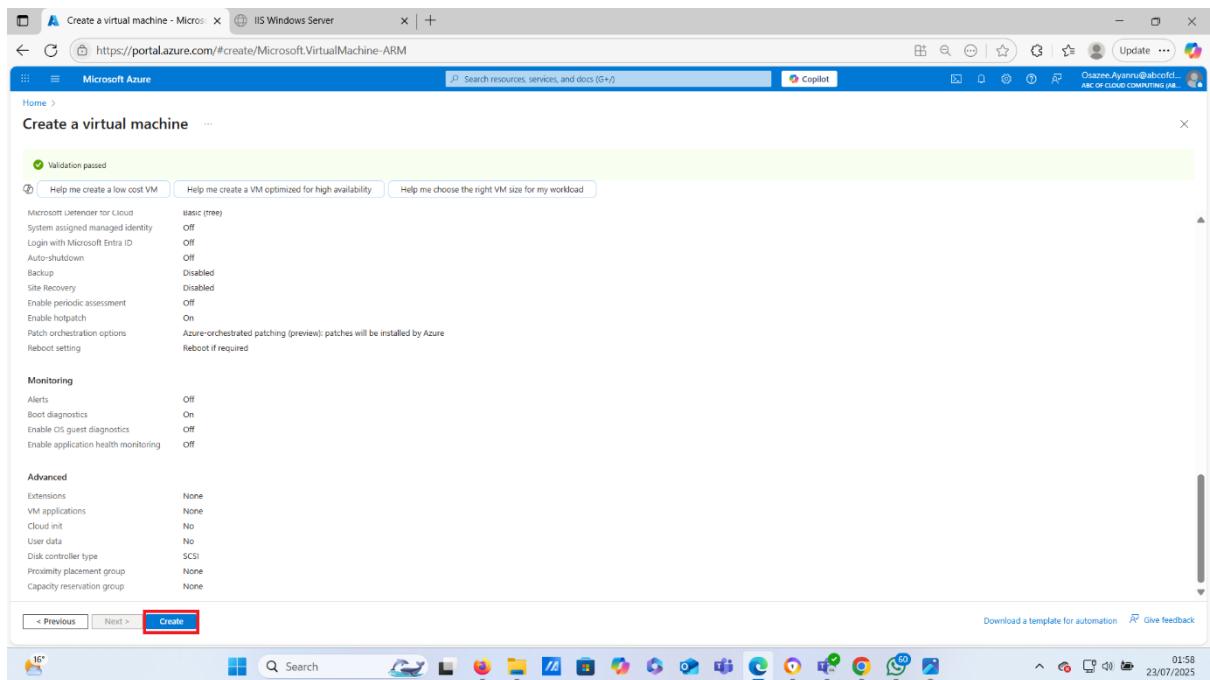
OS disk size	Image default
OS disk type	Premium SSD LRS
Use managed disks	Yes
Delete OS disk with VM	Enabled
Ephemeral OS disk	No

Networking

Virtual network	Sazy-VNet
Subnet	SazySubnet (10.57.0.0/25)
Public IP	(new) SazyVm-ip

Review + create

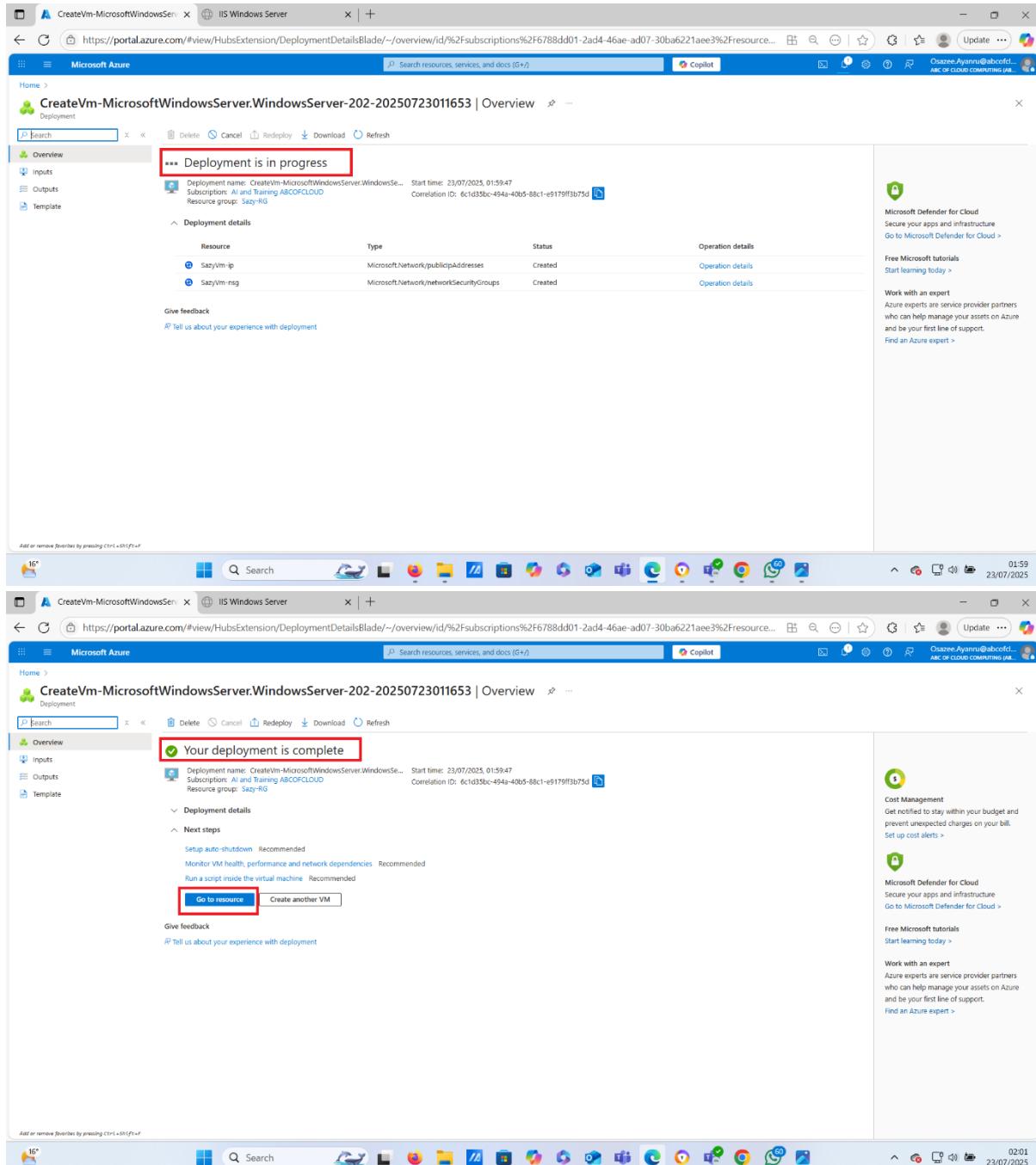
- Click Create



Step 9: Deployment

Azure begins deploying your VM — it takes about 2–5 minutes.

After Deploying Click on Go to Resources.



The image consists of three vertically stacked screenshots of the Microsoft Azure portal, showing the deployment status of a VM. Each screenshot has a red box highlighting a specific message or button.

- Screenshot 1 (Top): Deployment is in progress**

The deployment status is shown as "Deployment is in progress". The deployment details table shows two resources: "SazyVm-ip" and "SazyVm-nsg", both in the "Created" status. The "Operation details" column for each resource has a link labeled "Operation details".

Resource	Type	Status	Operation details
SazyVm-ip	Microsoft.Network/publicIPAddresses	Created	Operation details
SazyVm-nsg	Microsoft.Network/networkSecurityGroups	Created	Operation details
- Screenshot 2 (Middle): Your deployment is complete**

The deployment status is shown as "Your deployment is complete". The deployment details table is identical to the first screenshot. The "Go to resource" button is highlighted with a red box.

Resource	Type	Status	Operation details
SazyVm-ip	Microsoft.Network/publicIPAddresses	Created	Operation details
SazyVm-nsg	Microsoft.Network/networkSecurityGroups	Created	Operation details
- Screenshot 3 (Bottom): Go to resource**

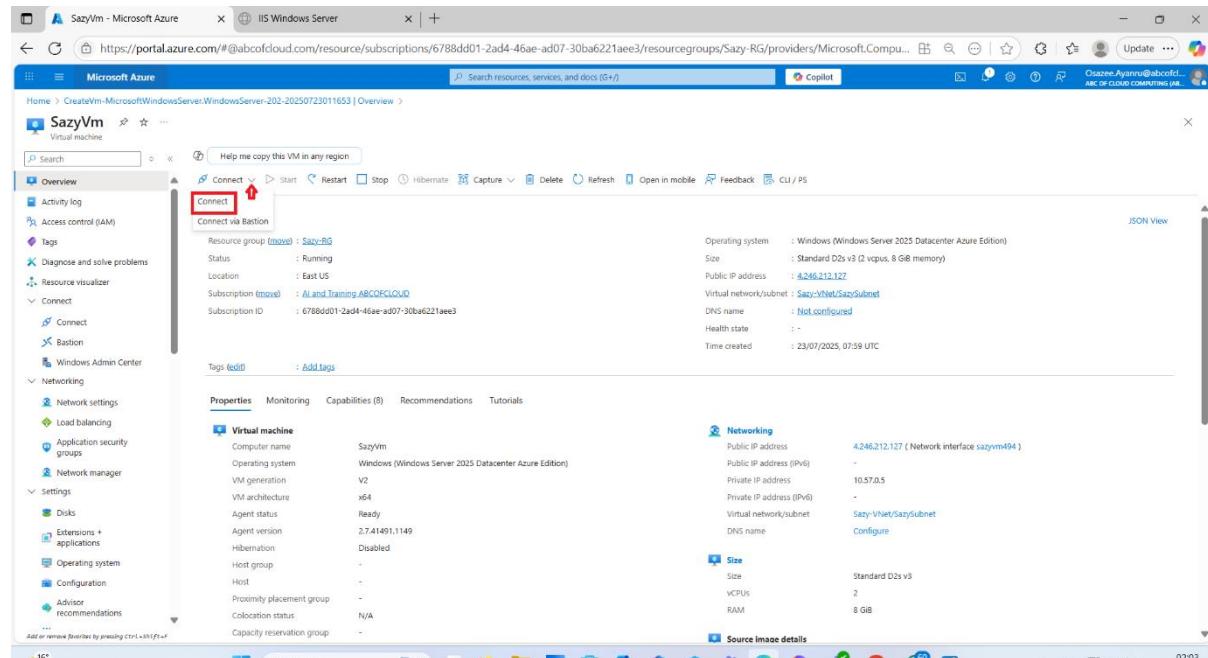
The deployment status is shown as "Your deployment is complete". The deployment details table is identical to the first screenshot. The "Go to resource" button is highlighted with a red box.

Resource	Type	Status	Operation details
SazyVm-ip	Microsoft.Network/publicIPAddresses	Created	Operation details
SazyVm-nsg	Microsoft.Network/networkSecurityGroups	Created	Operation details

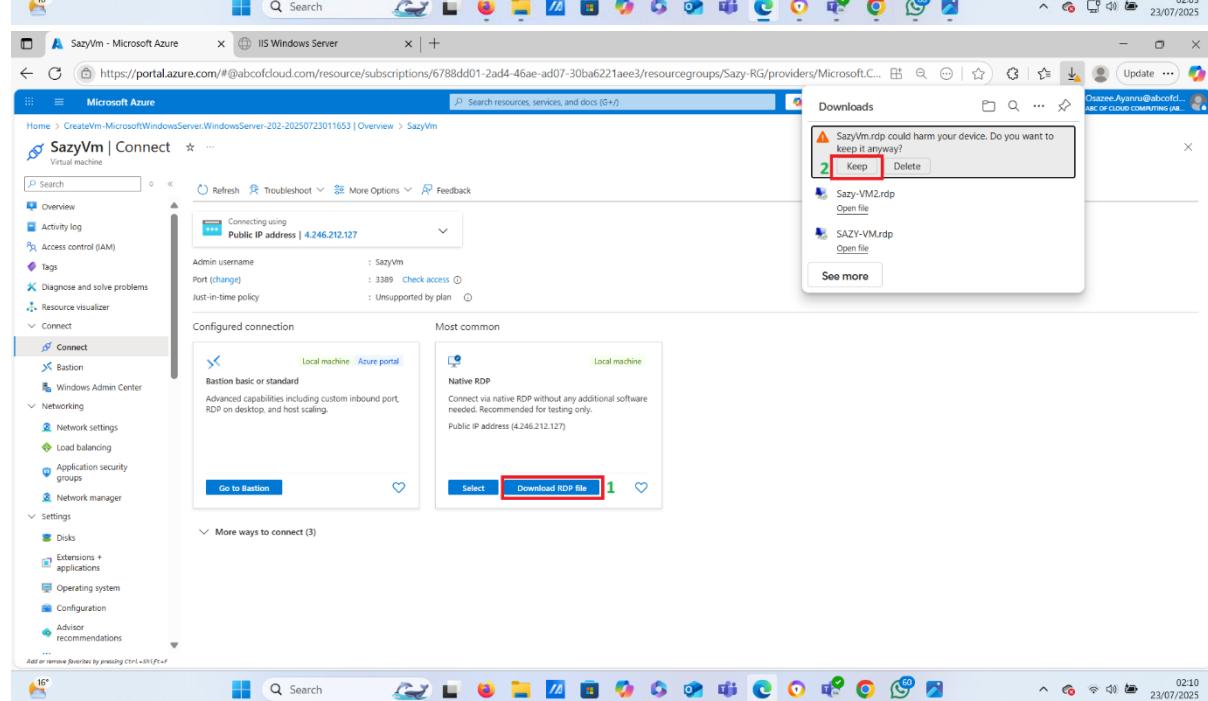
Step 10: Connect to the VM

Once deployed:

- Go to the VM page → Click “Connect”
- Choose RDP (Windows) download and Keep or SSH (Linux)
- Download the RDP file or open Terminal to access your machine



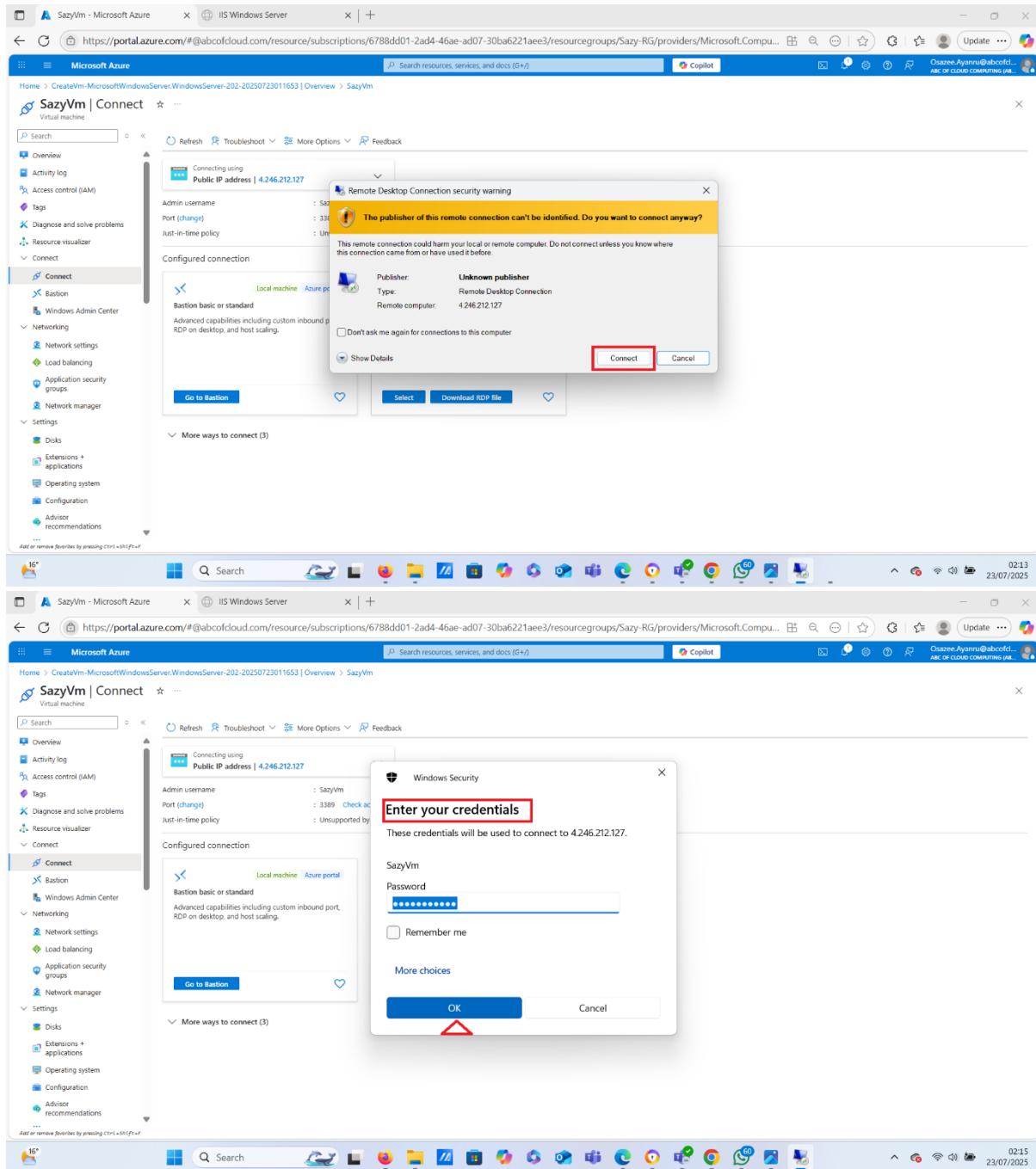
The screenshot shows the Azure VM Overview page for 'SazyVm'. The 'Connect' button is highlighted with a red box. The 'Networking' section displays the VM's IP address as 4.246.212.127. The 'Downloads' section shows two RDP files: 'Sazy-VM.rdp' and 'Sazy-VM2.rdp', with a 'Keep' button highlighted with a red box.



The screenshot shows the Azure VM Connect page for 'SazyVm'. The 'Download RDP file' button is highlighted with a red box. A warning dialog box is displayed, asking if the user wants to keep the file, with a 'Keep' button highlighted with a red box.

Step 11: Open Downloaded RDP File

- Click connect on Security Warning Wizard
- Enter Your Credentials



- Click on YES on the Security Certificate Wizard
- Virtual Machine is Created and Deployed.

