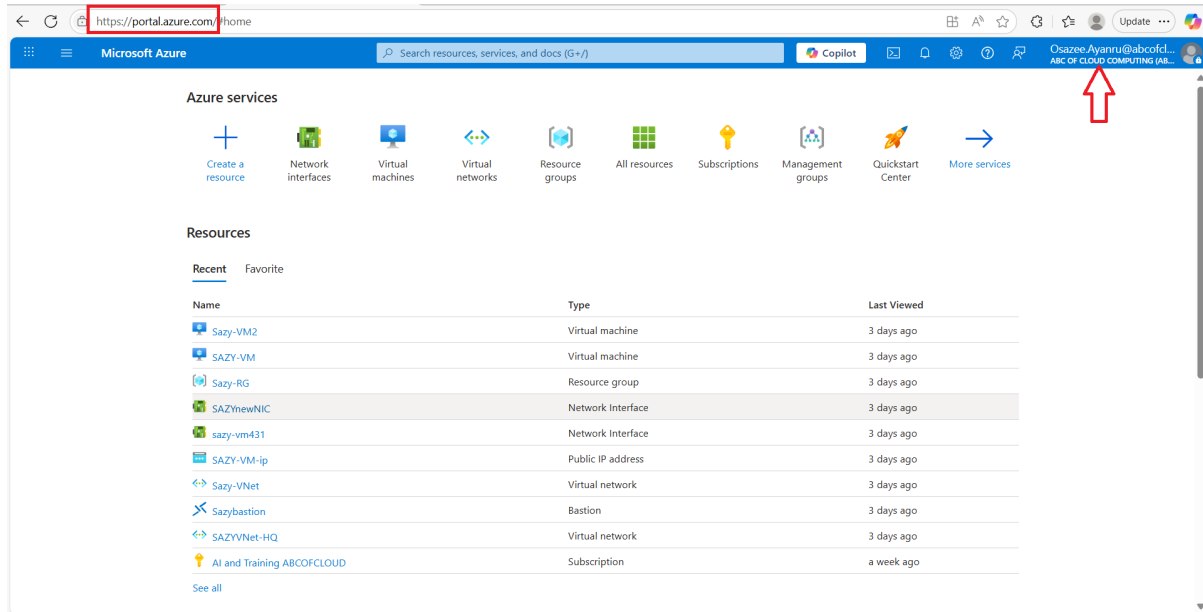


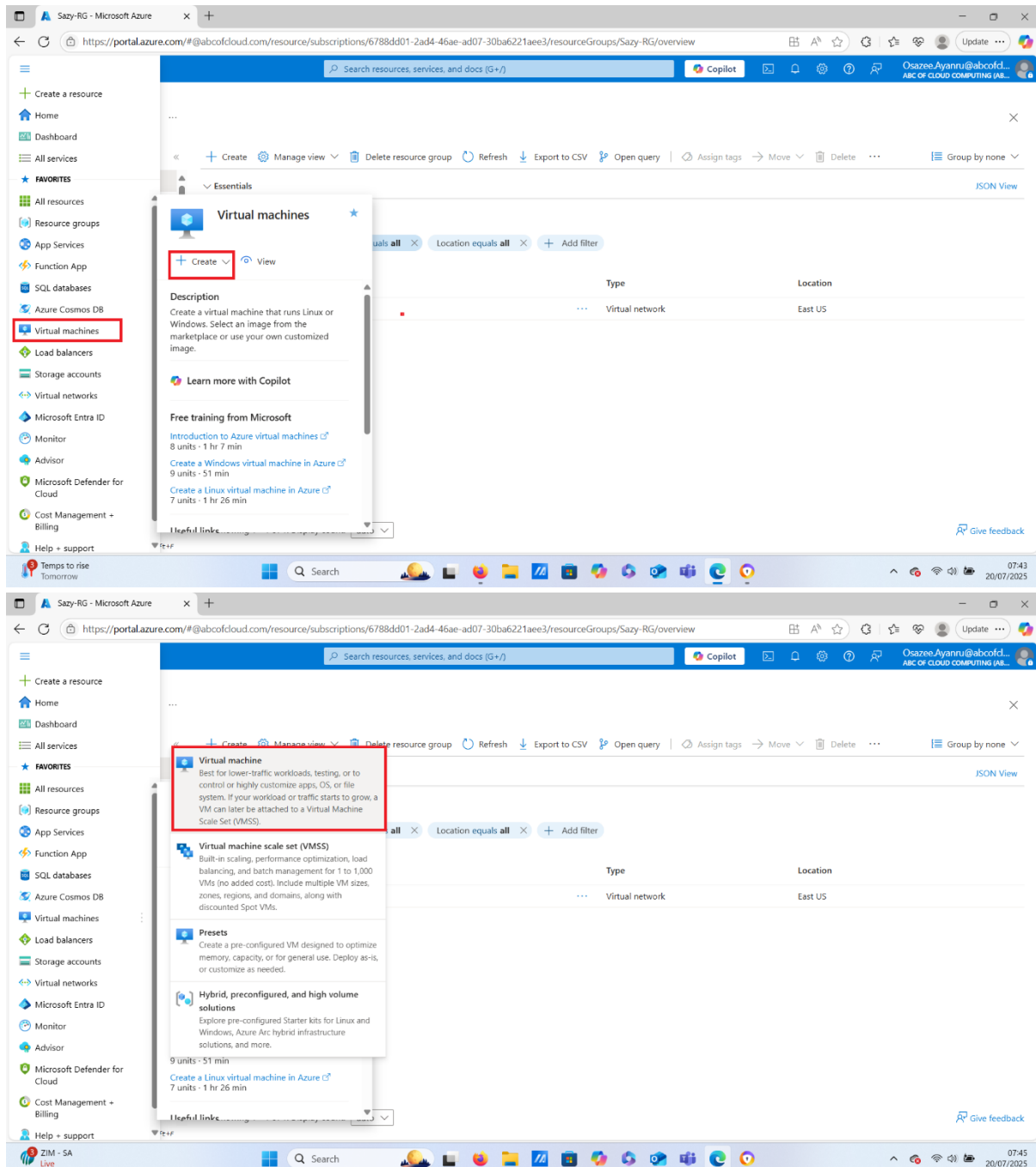
Step 1: Sign in to Azure Portal

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



Step 2: Go to "Virtual Machines"

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



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)

Create a virtual machine - Micros...

IIS Windows Server

+

https://portal.azure.com/#create/Microsoft.VirtualMachine-ARM

Microsoft Azure

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

Copilot

Update ...

Home >

Create a virtual machine ...

X

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 * AI and Training ABCOFCLOUD 1

Resource group * Sazy-RG 2

Create new

Instance details

Virtual machine name * SazyVm 3

Region * (US) East US 4

Availability options No infrastructure redundancy required 5

Security type Trusted launch virtual machines 6

Configure security features

Image * Windows Server 2025 Datacenter Azure Edition - x64 Gen2 7

See all images | Configure VM generation

VM architecture ☐ Arm64 ☒ x64 8

Arm64 is not supported with the selected image.

Run with Azure Spot discount ☐

< Previous Next: Disks > Review + create

Give feedback

Create a virtual machine - Micros...

IIS Windows Server

+

https://portal.azure.com/#create/Microsoft.VirtualMachine-ARM

Microsoft Azure

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

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X

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

Size * Standard_D2s_v3 - 2 vcpus, 8 GiB memory (US\$137.24/month) 9

See all sizes

Enable Hibernation ☐

Hibernation is not supported by the size that you have selected. Choose a size that is compatible with Hibernation to enable this feature. [Learn more >](#)

Administrator account

Username * SazyVm 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 ☒ Allow selected ports 11

Select inbound ports * RDP (3389) 12

This will allow all IP addresses to access your virtual machine. This is only recommended for testing. Use the Advanced controls in the Networking tab to create rules to limit inbound traffic to known IP addresses.

Licensing

Save up to 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

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.

Create a virtual machine - Microsoft Azure

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

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](#)

OS disk

OS disk size

OS disk type *

Delete with VM ☒

Key management

Enable Ultra Disk compatibility ☐

Ultra disk is supported in Availability Zone(s) 1,2,3 for the selected VM size Standard_D2s_v3.

Data disks for SaaS/VM

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
-----	------	------------	-----------	--------------	----------------

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

< Previous | **Next: Networking >** | Review + create

15°C Partly sunny | 01:40 23/07/2023

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

Microsoft Azure

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

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 * 1

Subnet * 2

Public IP 3

NIC network security group ☐ None ☒ Basic ☐ Advanced

Public inbound ports * ☐ None ☒ Allow selected ports 4

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 ☐

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

Microsoft Azure

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

Public IP

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 ☒

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 ☐ Application gateway 5

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

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 shows two screenshots of the Microsoft Azure portal's 'Create a virtual machine' wizard. The top screenshot displays the 'Management' tab, and the bottom screenshot displays the 'Monitoring' tab. Both screenshots show the 'Next: Monitoring >' button highlighted with a red box.

Management Tab (Top Screenshot):

- Microsoft Defender for Cloud:** Your subscription is protected by Foundational Cloud Security Posture Management Free Plan.
- Identity:** Enable system assigned managed identity ☐
- Microsoft Entra ID:** Login with Microsoft Entra ID ☐ RBAC role assignment of Virtual Machine Administrator Login or Virtual Machine User Login is required when using Microsoft Entra ID login. [Learn more](#)
- Auto-shutdown:** Enable auto-shutdown ☐
- Backup:** Enable backup ☐
- Site Recovery:** Enable Disaster Recovery ☐

Monitoring Tab (Bottom Screenshot):

- Alerts:** Enable recommended alert rules ☐
- Diagnostics:**
 - Boot diagnostics ☒ Enable with managed storage account (recommended)
 - ☐ Enable with custom storage account
 - ☐ Disable
- OS guest diagnostics:** ☐
- Health:** Enable application health monitoring ☐

Step 7: Advanced Tabs and Tags

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

The image displays two sequential screenshots of the Microsoft Azure portal's 'Create a virtual machine' wizard, specifically for an IIS Windows Server. The top screenshot shows the 'Advanced' tab, which includes sections for 'Extensions', 'VM applications', and 'Custom data'. The 'Custom data' section has a text area for entering scripts or configuration files. The bottom screenshot shows the 'Tags' tab, which explains that tags are name/value pairs used for categorizing resources. It features a table with columns for 'Name', 'Value', and 'Resource'. The 'Resource' column shows '13 selected'. Both screenshots have a navigation bar at the bottom with buttons for '< Previous', 'Next: Tags >', and 'Review + create'. In the top screenshot, 'Next: Tags >' is highlighted with a red box. In the bottom screenshot, 'Next: Review + create >' is highlighted with a red box.

Microsoft Azure

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

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

< Previous | **Next: Tags >** | Review + create

Microsoft Azure

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

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more about tags](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name	Value	Resource
		13 selected

< Previous | **Next: Review + create >** | Review + create

Step 8: Review + Create

- Review all configurations

The screenshot shows the 'Create a virtual machine' wizard in the Microsoft Azure portal. The 'Review + create' tab is selected, and the 'Review + create' button is highlighted with a red box. The page displays various configuration details including price, terms, and basic settings.

Price

1 X Standard D2s v3
by Microsoft
[Terms of use](#) [Privacy policy](#)

Subscription credits apply
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	Sazy-RG
Virtual machine name	SazyVm
Region	East US
Availability options	No infrastructure redundancy required

[< Previous](#) [Next >](#) [Create](#)

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Zone options

Self-selected zone	Trusted launch virtual machines
Enable secure boot	Yes
Enable vTPM	Yes
Integrity monitoring	No

Image

Image	Windows Server 2025 Datacenter: Azure Edition - Gen2
VM architecture	x64
Size	Standard D2s v3 (2 vcpus, 8 GiB memory)
Enable Hibernation	No

Username

Username	SazyVm
Public inbound ports	RDP
Already have a Windows license?	No
Azure Spot	No

Disks

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

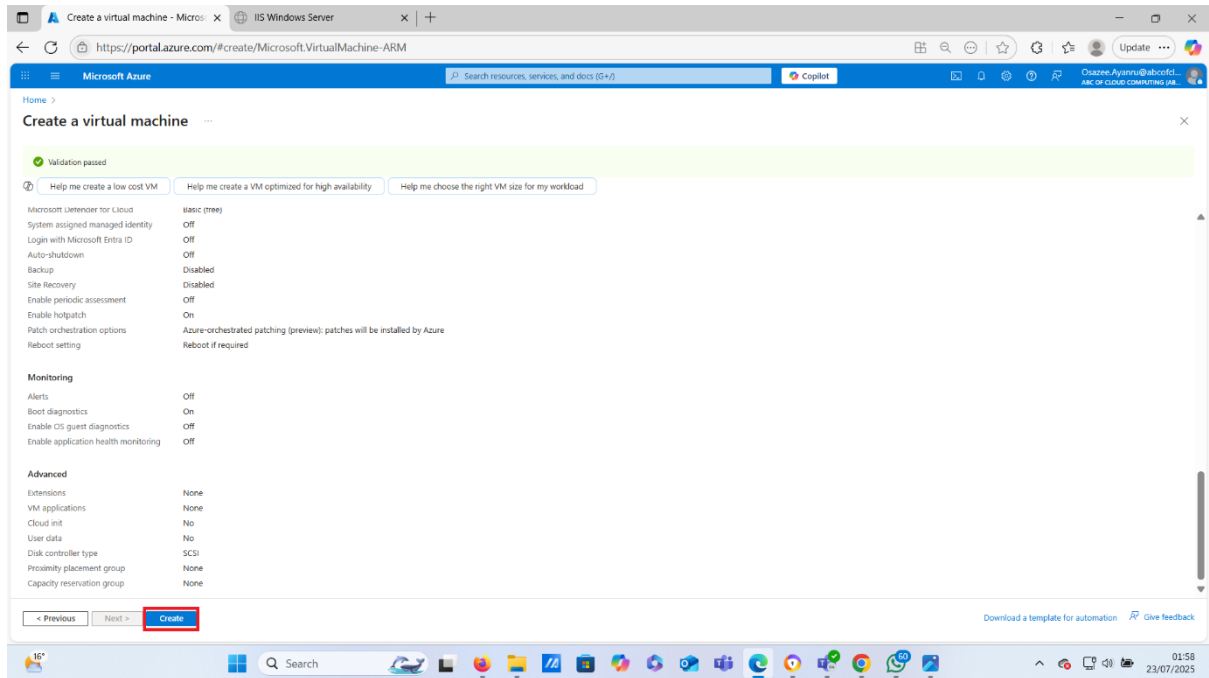
Networking

Virtual network	Sazy-VNet
Subnet	SazySubnet (10.37.0.0/25)
Public IP	(new) SazyVm-ip

[< Previous](#) [Next >](#) [Create](#)

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- 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 displays two screenshots of the Microsoft Azure portal, illustrating the deployment status of a Windows Server VM.

Top Screenshot: Deployment in progress

The top screenshot shows the "Overview" page for the deployment "CreateVm-MicrosoftWindowsServer.WindowsServer-202-20250723011653". A red box highlights the status "*** Deployment is in progress". The deployment details table shows the following resources:

Resource	Type	Status	Operation details
Sazy/vm-ip	Microsoft.Network/publicAddresses	Created	Operation details
Sazy/vm-rsg	Microsoft.Network/networkSecurityGroups	Created	Operation details

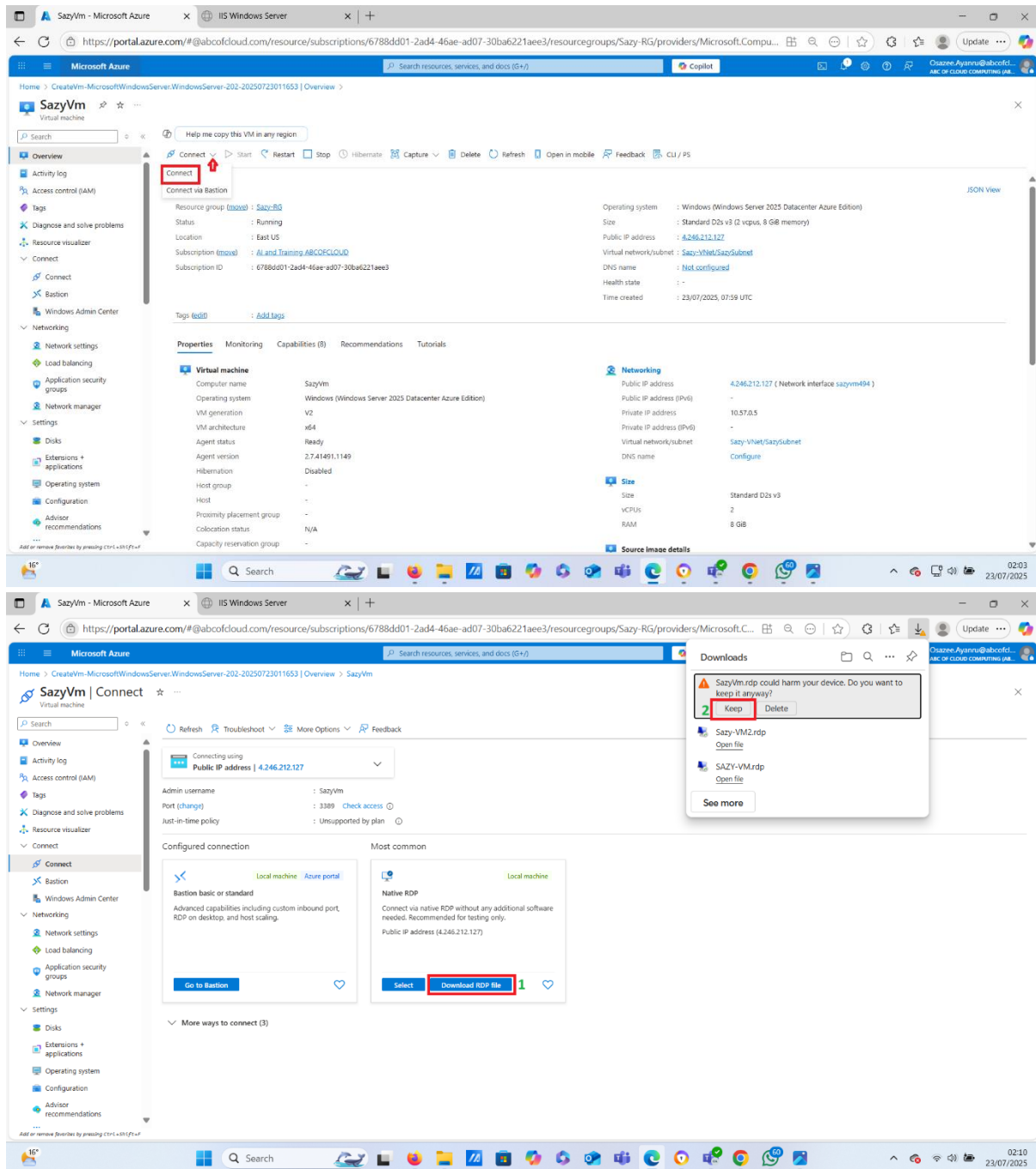
Bottom Screenshot: Deployment complete

The bottom screenshot shows the same "Overview" page, but the status has changed to "Your deployment is complete", highlighted by a red box. The "Next steps" section provides recommendations for managing the VM, and a red box highlights the "Go to resource" button.

Step 10: Connect to the VM

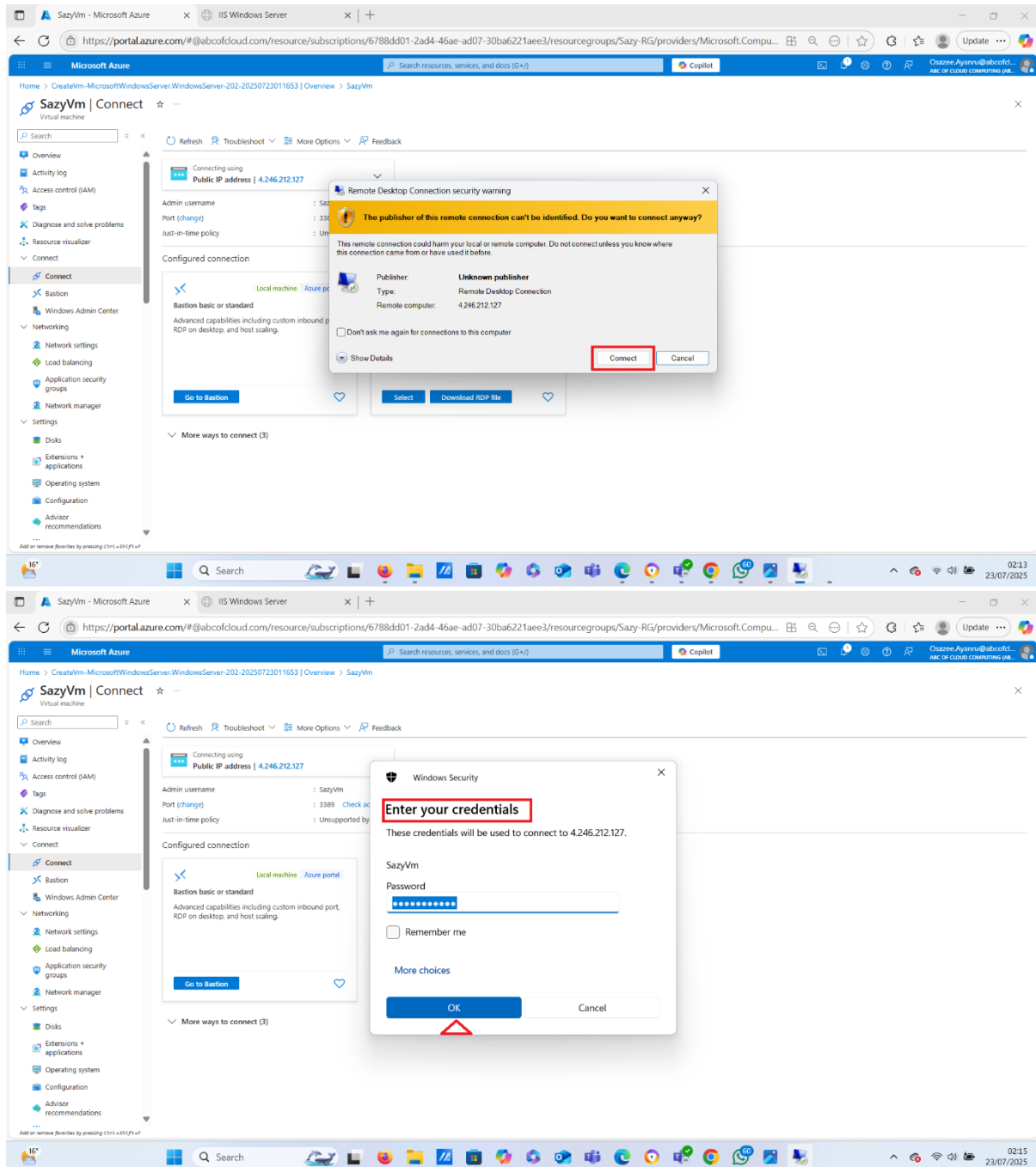
Once deployed:

- 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



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.

