

Microsoft Azure portal interface showing the 'Resource groups' page. The page title is 'Resource groups' and it includes a search bar and navigation links like 'Create', 'Manage view', 'Refresh', 'Export to CSV', 'Open Query', and 'Assign tags'. A table with columns 'Name', 'Subscription', and 'Location' is visible, but it is empty. A tooltip on the left says: 'Save the current columns, sorting, filtering and summary as a view and access your saved views here.' Below the table, there is a message: 'No resource groups to display. Try changing or clearing your filters. Create resource group. Learn more.' The user's profile '192110622.sse@isaveet...' is in the top right corner.

A Windows taskbar at the bottom of the screen. It shows the Start button, a search bar, and several pinned application icons including File Explorer, Microsoft Edge, and various utility apps. The system tray on the right shows the date and time as '12:18 01/02/2024' and the language as 'ENG IN'. A 'Give feedback' link is visible in the top right corner of the page area.

CLICK ON CREATE A  
RESOURCE GROUP

Microsoft Azure portal interface showing the 'Create a resource group' wizard. The page title is 'Create a resource group'. It has tabs for 'Basics', 'Tags', 'Review', and 'Create'. The 'Basics' tab is active. The 'Resource group' section explains: 'A resource group is a container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. Learn more.' The 'Project details' section has a 'Subscription' dropdown set to 'Azure for Students' and a 'Resource group' dropdown. The 'Resource details' section has a 'Region' dropdown set to 'US East US'. At the bottom, there are buttons for 'Review & create', '< Previous', and 'Next: Tags >'. The user's profile '192110622.sse@isaveet...' is in the top right corner.

Home > Resource groups >

Create a resource group

Basics

Help

Review + create

Resource group is a container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your requirements. [Learn more](#)

Project details

Subscription: Azure for students

Resource group: VM

Resource details

Region: East US

Review + create

Previous

Next: Tags

CREATE

Home > Resource groups >

Create a resource group

Basics

Help

Review + create

Basics

Subscription: Azure for Students

Resource group: VM

Region: East US

Tags

None

Create

Previous

Next

Download a template for automation

Resource groups

Default Directory

+ Create Manage view Refresh Export to CSV Open query Assign tags

Filter for any field...

Subscription equals all Location equals all Add filter

0 Virtual machines

0 No resources match your filters

Name ↑ Subscription ↑ Location ↑

VM Azure for Students East US

Resource group created  
Creating resource group 'VM' in subscription 'Azure for Students' succeeded.  
Go to resource group Pin to dashboard

Previous Page 1 of 1 Next Storing 1 out of 1 records Give feedback

# CLICK ON THAT VM

VM - Microsoft Azure

Resource group

Search

+ Create Manage view Delete resource group Refresh Export to CSV Open query Assign tags

100% View

Essentials

Subscription (moving)  
[Azure for Students](#)

Subscription ID  
f6b1b6c1-640c-474d-81d8-640af9a7e758

Tags (0)

Deployment  
[New deployments](#)

Location  
East US

Resources Recommendations

Filter for any field... Type equals all Location equals all Add filter

Showing 0 to 0 of 0 records Show hidden types

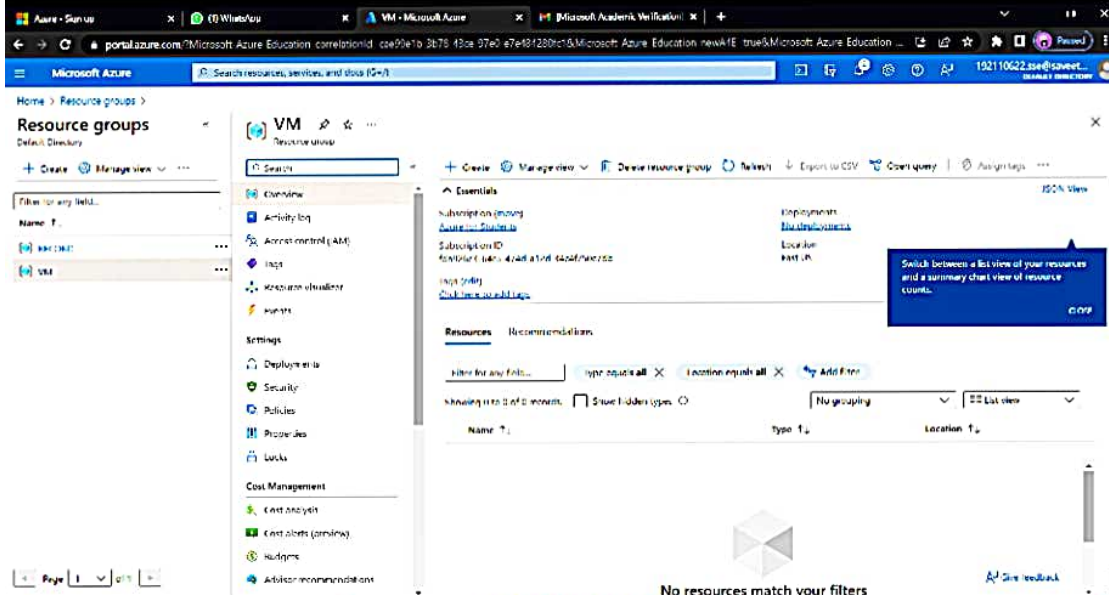
No grouping List view

Name ↑ Type ↑ Location ↑

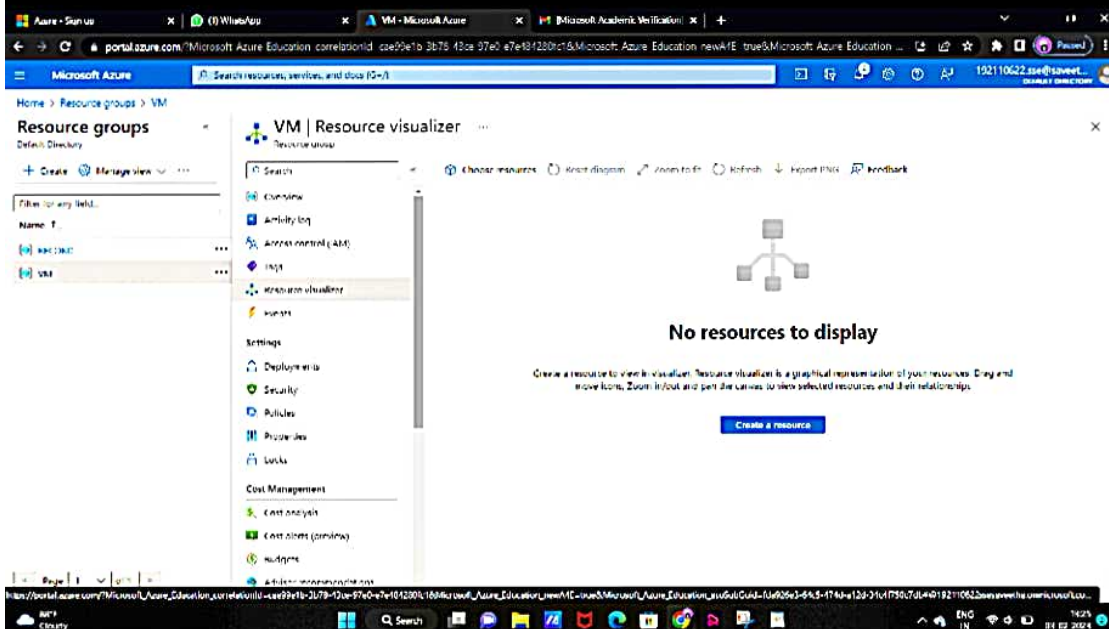
No resources match your filters

Switch between a list view of your resources and a summary chart view of resource counts.

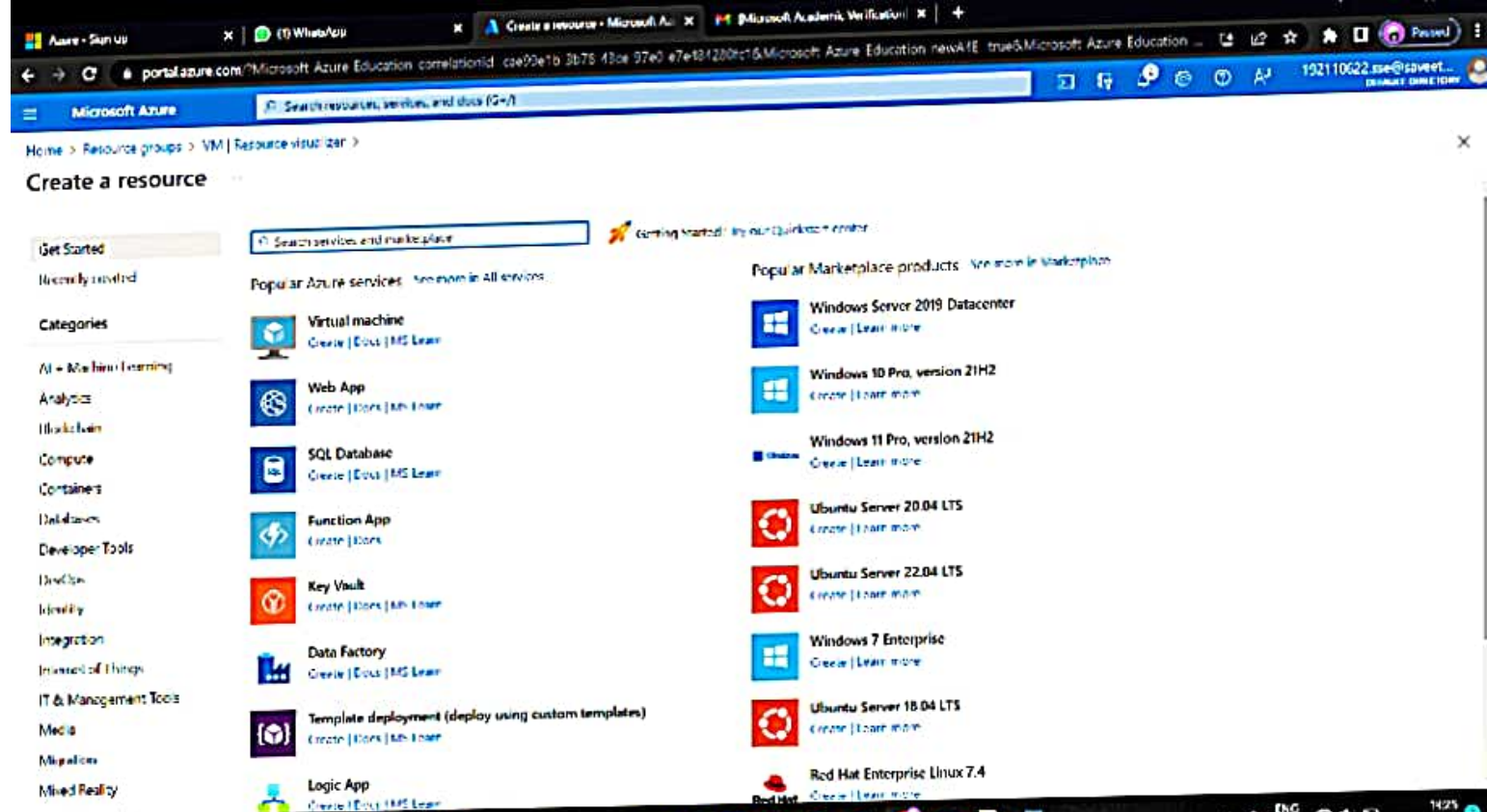
# CLICK ON SEARCH



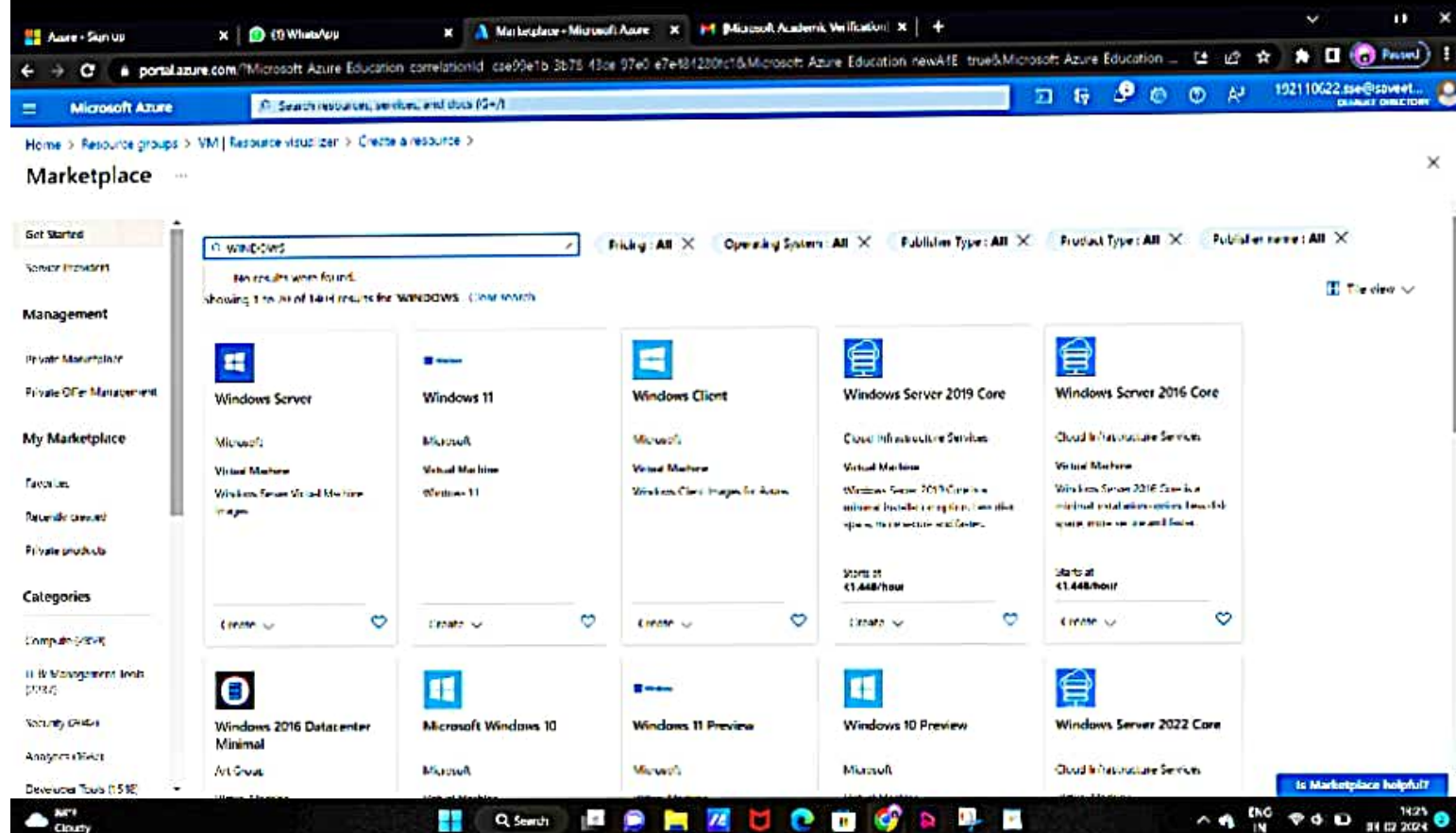
# SELECT RESOURCE VISUALIZER AND CREATE A RESOURCE







# SEARCH WINDOWS



Windows Server

Microsoft Visual Machine

\$0.00 (1 rating)

Plan

Windows Server 2022 Datacenter Standard

Create Start with a pre-set configuration

Overview Plans Usage information Support Ratings Reviews

Windows Server is the operating system that bridges enterprises' environments with Azure services enabling hybrid scenarios and maximizing existing investments, including:

- The latest security innovation including SecureCore to make sure risk from firmware vulnerabilities and advanced malware.
- Unique hybrid capabilities with Azure to extend your datacenter and maximize investments.
- File server security and performance increases with SMB 3.0 encryption and SMB client-side compression.
- Azure Cloud Insights with additional analytics and security to run in Azure.
- Improvements to Windows container runtime such as container compatibility and virtualization tools for .NET, ASP.NET and .NET applications.

Available images

Windows Server 2022 is the latest long-term servicing (channel) release with the year of mainstream support + five years of extended support. Choose the image that is right for your application needs.

- Server with Desktop Experience includes all roles and a graphical user interface (GUI).
- Server Core is the full functionality footprint.
- Azure Edition with Desktop Experience includes additional role features such as VMX, network, network for Azure, and is optimized to run in Azure.
- Azure Edition Core includes additional role functionality such as hyperconverging, VMX, network, network for Azure, and is optimized to run in Azure.

Learn more

# CLICK ON VIRTUAL MACHINE NAME AND TYPE NAME

Create a virtual machine

Project details

Select the subscription to manage deployed resources and costs. Use resource groups to organize and manage all your resources.

Subscription: Azure for Students

Resource group: (New) Resource group

Instance details

Virtual machine name: VM

Region: (New) North India

Availability options: No infrastructure redundancy required

Security type: Standard

Image: Windows Server 2022 Datacenter Standard (x64) (x64)

VM architecture: x64

Review & create



Home > Marketplace >

## Windows Server



### Windows Server

Microsoft | Visual Machine

★ 5.0 (5 ratings)

Plan

Windows Server 2022 Datacenter Azure

Create

Start with a pre-set configuration

Overview Plans Usage Information Support Ratings & Reviews

Windows Server is the operating system that bridges enterprises in the cloud with Azure services enabling hybrid scenarios and maximizing existing investments, including:

- The latest security innovation including SecureCore to minimize risk from firmware vulnerabilities and advanced malware.
- Unique hybrid capabilities with Azure to extend your datacenter and maximize investments.
- File server security and performance increased with SVE AES-256 encryption and SVE credit-only compression.
- Azure Cosmos Images with additional functionality optimized to run in Azure.
- Improvements to Windows container runtime such as containerization compatibility and containerization tools for .NET, ASP.NET and IIS applications.

Available Images

Windows Server 2022 is the latest long-term servicing channel (LTSC) release with five years of mainstream support + five years of extended support. Choose the image that is right for your application needs.

- Server with Desktop Experience includes all roles and a graphical user interface (GUI).
- Server Core offers the full functionality of Windows Server without the GUI.
- Azure Edition with Desktop Experience includes additional role functionality such as VM4 over GPU, extended network for Azure, and is optimized to run in Azure.
- Azure Edition Core includes additional role functionality such as hyperpinning, state over IP, and is optimized to run in Azure.

Terms of Use

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# CLICK ON VIRTUAL MACHINE NAME AND TYPE NAME

## Create a virtual machine

### Project details

Select a subscription to manage deployed resources and costs. Use resource groups to organize and manage all your resources.

Subscription \* Azure for Students

Resource group \* (New) Resource group

### Instance details

Virtual machine name \* VM

Region \* (Europe) Northern Italy

Availability options No infrastructure redundancy required

Security type Windows

Image \* Windows Server 2022 Datacenter Azure Edition (arm64) x64

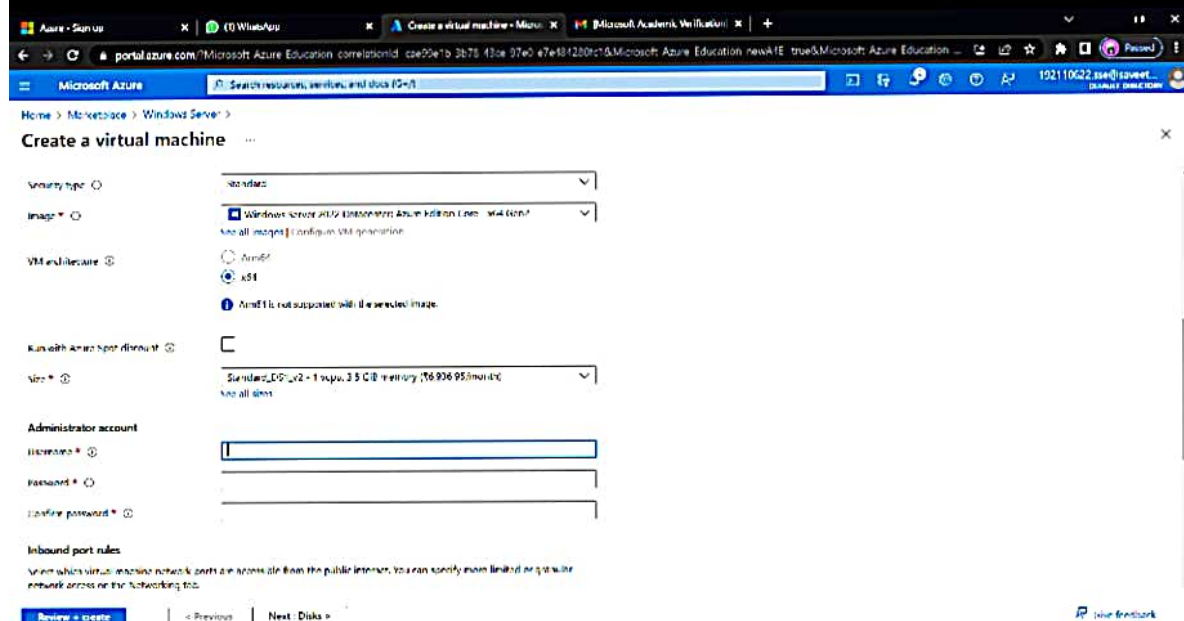
VM architecture \* x64

Review & create

Previous

Next: Disks

# CREATE USER NAME AND PASSWORD



Home > Marketplace > Windows Server >

## Create a virtual machine

Virtuality type: Standard

Image: Windows Server 2012 R2 Datacenter Azure Edition Core - x64 Gen1

VM architecture: AMD64

Run with Azure Spot discount: ☐

Size: Standard\_DS1\_v2 - 1 vcpu, 3.5 GB memory, 56 GB disk IOPS

Administrator account

Username:

Password:

Confirm password:

Inbound port rules

When a virtual machine network is accessible from the public Internet, to a run safely more limited or granular network access on the networking tool.

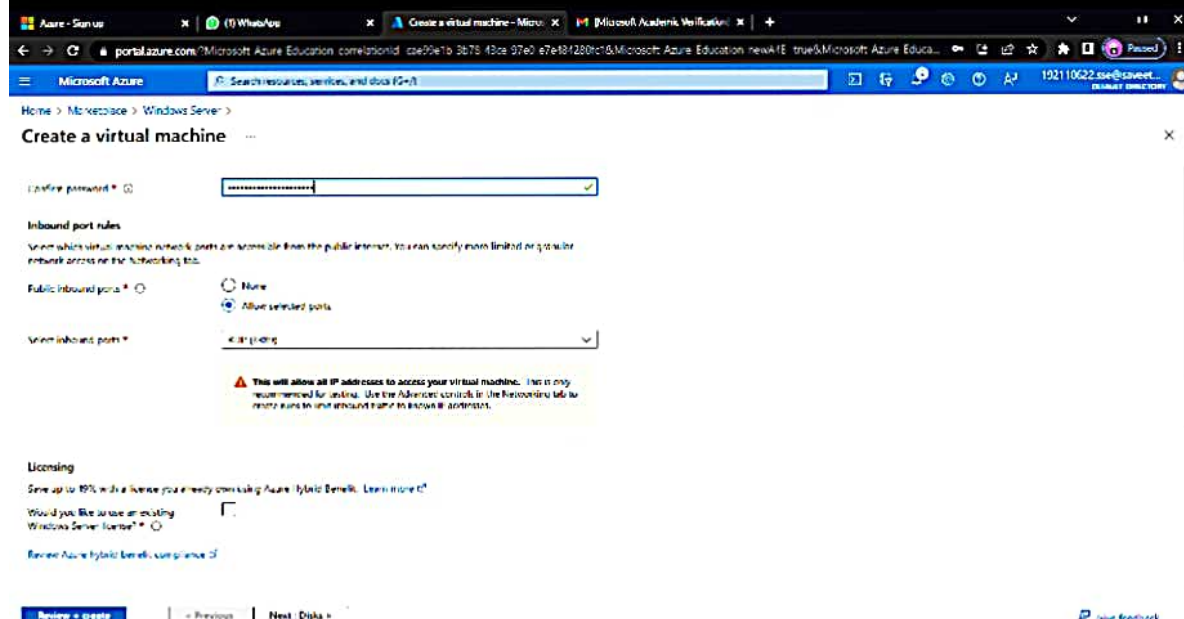
Public inbound ports: ☐ None ☒ Allow selected ports

Virtual 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 restrict access to your virtual machine to known IP addresses.**

Review + create Previous Next: Disks

# CLICK ON REVIEW+CREATE



Home > Marketplace > Windows Server >

## Create a virtual machine

Virtuality type: Standard

Image: Windows Server 2012 R2 Datacenter Azure Edition Core - x64 Gen1

VM architecture: AMD64

Run with Azure Spot discount: ☐

Size: Standard\_DS1\_v2 - 1 vcpu, 3.5 GB memory, 56 GB disk IOPS

Administrator account

Username: Administrator

Password: Password123!

Confirm password: Password123!

Inbound port rules

When a virtual machine network is accessible from the public Internet, to a run safely more limited or granular network access on the networking tool.

Public inbound ports: ☐ None ☒ Allow selected ports

Virtual 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 restrict access to your virtual machine to known IP addresses.**

Licensing

Save up to 85% 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, see pricing

Review + create Previous Next: Disks



# CLICK ON CREATE

Azure - Sign up | WhatsApp | Create a virtual machine - Micro... | Microsoft Academic Verification | +

portal.azure.com/?Microsoft Azure Education correlationId=cae99e1b-3b78-43ce-97e0-e7e1812301c1&Microsoft Azure Education newAIE=true&Microsoft Azure Educa...

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

Home > Marketplace > Windows Server >

## Create a virtual machine

✓ Validation passed

Basics | Disks | Networking | Management | Monitoring | Advanced | Logs | **Review + create**

Costs: Below is an estimate and not the final price. Please use [Azure Pricing Calculator](#) for all your pricing needs.

**PRODUCT DETAILS**

1 X Standard D51 v2  
by Microsoft  
Series of use | Privacy policy

Subscription credits apply: **9,5027 INR/hr**  
Pricing for other VM sizes

**TIPS**

By clicking "Create", I agree to the legal terms and privacy statements associated with the Marketplace offering(s) listed above, I 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 I 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 services. Microsoft does not provide rights for third-party offerings. See the [Azure Marketplace Terms](#) for additional details.

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Create < Previous Next > Download a test image for authorization

Use feedback

API Cloudify Search

Azure - Sign up | WhatsApp | CreateVm-MicrosoftWindowsServer-202-20230203132623 | Overview | +

portal.azure.com/?Microsoft Azure Education correlationId=cae99e1b-3b78-43ce-97e0-e7e1812301c1&Microsoft Azure Education newAIE=true&Microsoft Azure Educa...

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

Home >

## CreateVm-MicrosoftWindowsServer-202-20230203132623 | Overview

Deployment

Search | Delete | Cancel | Redeploy | Download | Refresh

Deployment is in progress

Deployment name: CreateVm-MicrosoftWindowsServer-202-20230203132623 | Start time: 2/3/2023, 1:22:51 PM  
Subscription: Azure for Students | Correlation ID: 3655223-392-1636-3901-56905110766

Resource group: VM\_group

Deployment details

Resource	Type	Status	Operation details
vm	Microsoft.Compute/virtualMachines	Failed	Operation details
vm112	Microsoft.Compute/virtualMachines	Failed	Operation details
vm113	Microsoft.Compute/virtualMachines	OK	Operation details
VM_group112	Microsoft.Network/virtualNetworks	OK	Operation details
VM_ip	Microsoft.Network/publicIPAddresses	OK	Operation details

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