EXPN013: CREATING A VIRTUAL MACHINE USING PUBLIC CLOUD SERVICE

Aim:

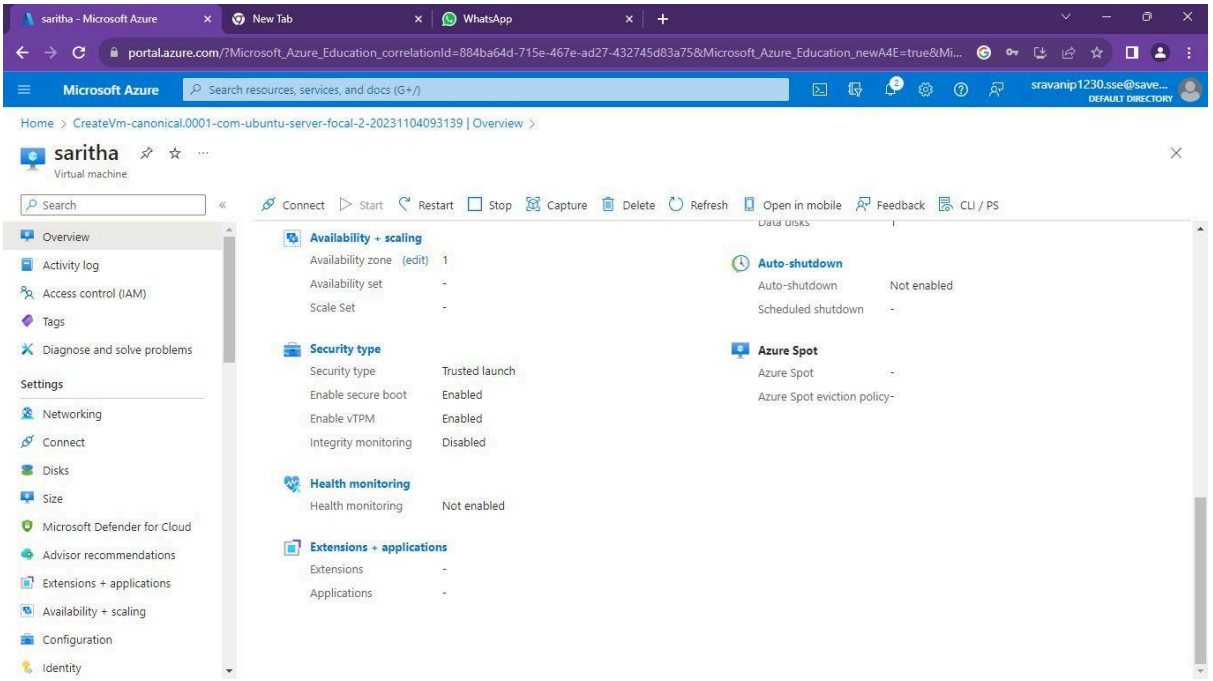
Creating a Virtual Machine with 1 CPU, 2GB RAM and 15GB storage disk using a Type 2 Virtualization Software using Vmware workstation.

Materials:

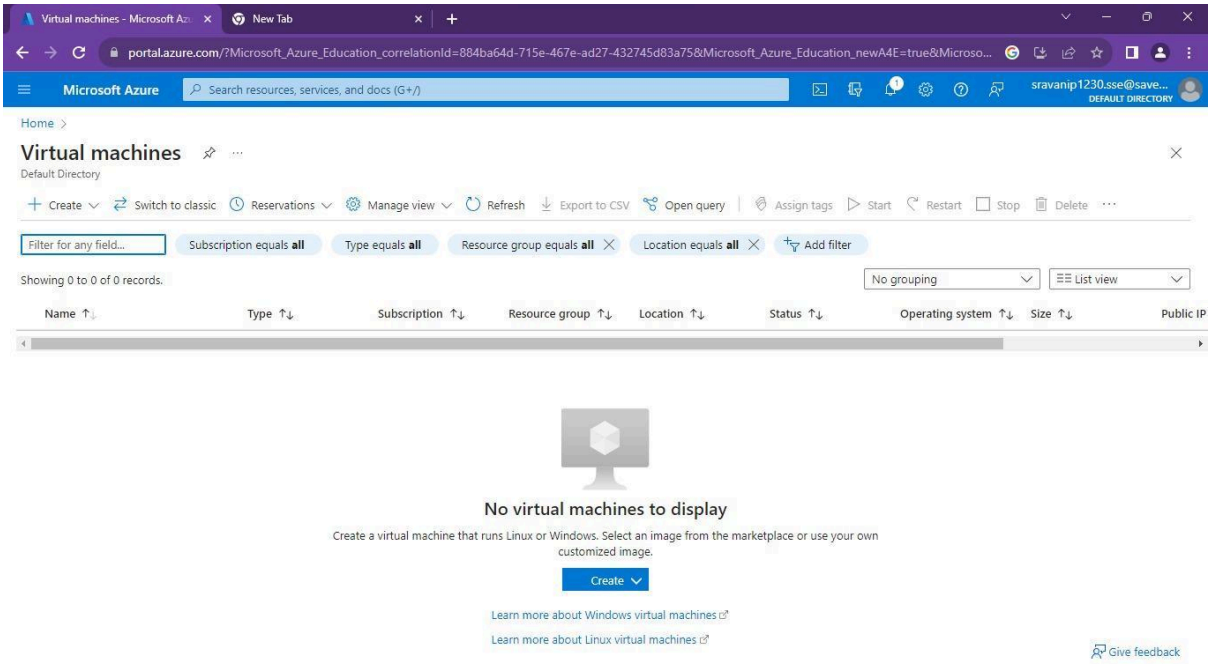
- VM Workstation software.
- Configurations.

Procedure:

Step 1:



Step 2:


Virtual machines - Microsoft Az
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Microsoft Azure
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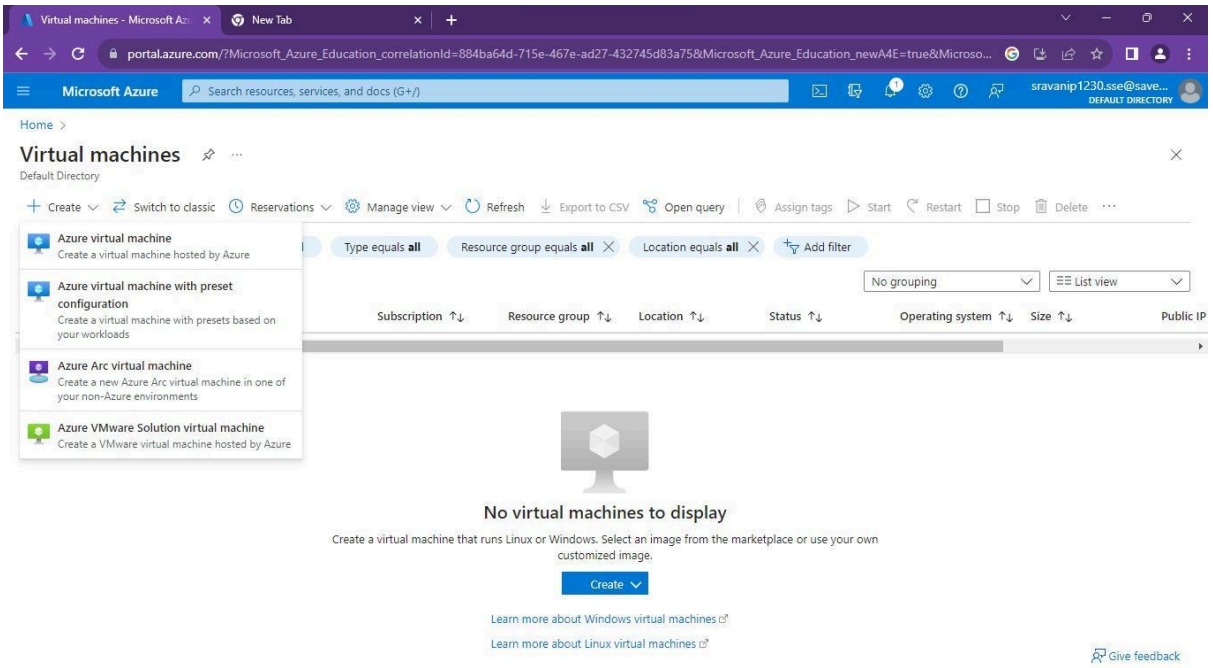
sravanip1230.sse@save...
DEFAULT DIRECTORY
Home
Virtual machines
Default Directory
Create
Switch to classic
Reservations
Manage view
Refresh
Export to CSV
Open query
Assign tags
Start
Restart
Stop
Delete
Filter for any field...
Subscription equals all
Type equals all
Resource group equals all
Location equals all
Add filter
Showing 0 to 0 of 0 records.
No grouping
List view
Name
Type
Subscription
Resource group
Location
Status
Operating system
Size
Public IP
No virtual machines to display
Create a virtual machine that runs Linux or Windows. Select an image from the marketplace or use your own customized image.
Create
Learn more about Windows virtual machines
Learn more about Linux virtual machines
Give feedback

Step 3: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DEFAULT DIRECTORY
Home
Virtual machines
Default Directory
Create
Switch to classic
Reservations
Manage view
Refresh
Export to CSV
Open query
Assign tags
Start
Restart
Stop
Delete
Azure virtual machine
Create a virtual machine hosted by Azure
Azure virtual machine with preset configuration
Create a virtual machine with presets based on your workloads
Azure Arc virtual machine
Create a new Azure Arc virtual machine in one of your non-Azure environments
Azure VMware Solution virtual machine
Create a VMware virtual machine hosted by Azure
Type equals all
Resource group equals all
Location equals all
Add filter
No grouping
List view
Subscription
Resource group
Location
Status
Operating system
Size
Public IP
No virtual machines to display
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Learn more about Windows virtual machines
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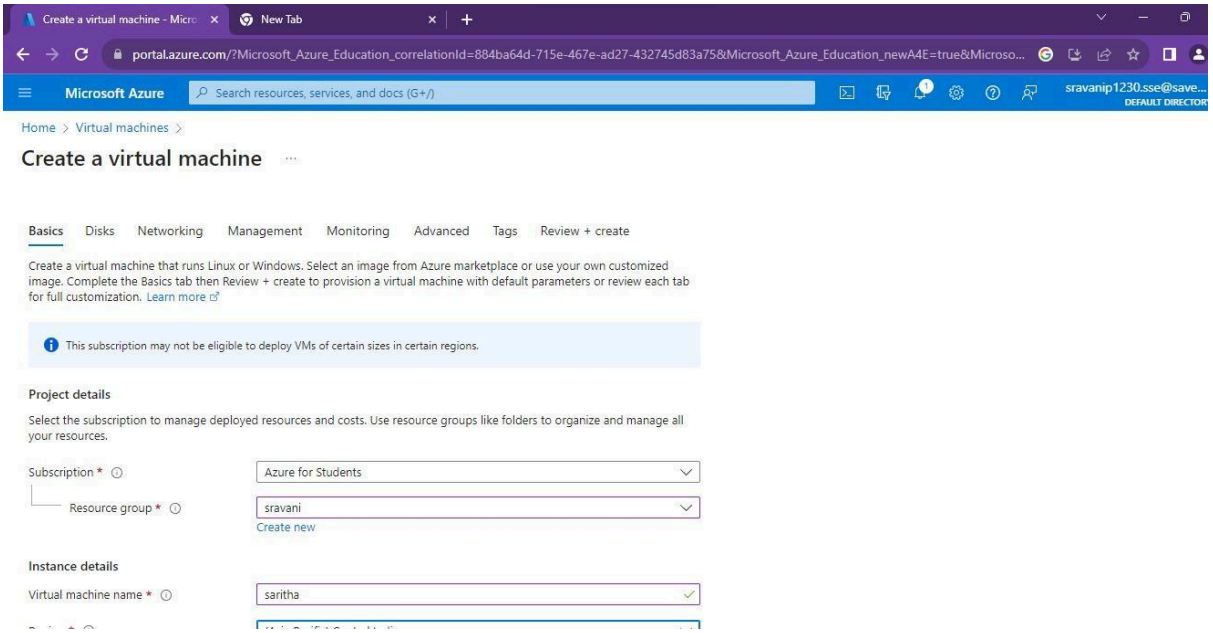
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Microsoft Azure
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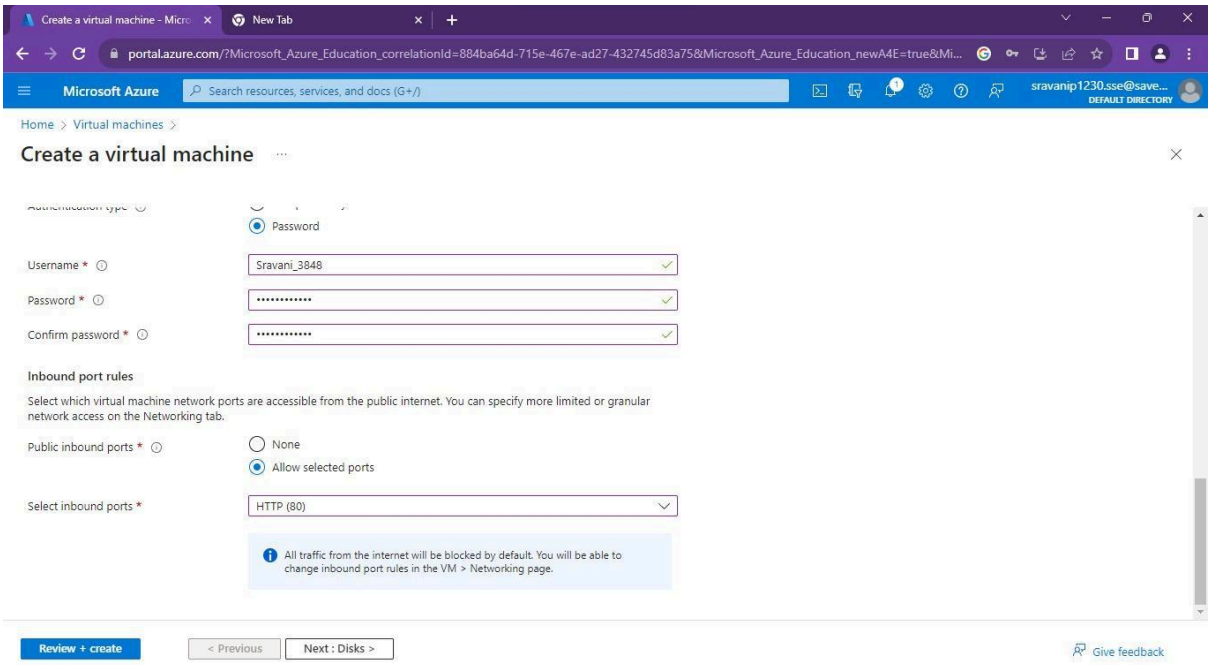
DEFAULT DIRECTOR
Home > Virtual machines >
Create a virtual machine
Basics Disks Networking Management Monitoring Advanced Tags Review + create
Create a virtual machine that runs Linux or Windows. Select an image from Azure marketplace or use your own customized image. Complete the Basics tab then Review + create to provision a virtual machine with default parameters or review each tab for full customization. Learn more
This subscription may not be eligible to deploy VMs of certain sizes in certain regions.
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 for Students
Resource group *
sravani
Create new
Instance details
Virtual machine name *
saritha

Step 4: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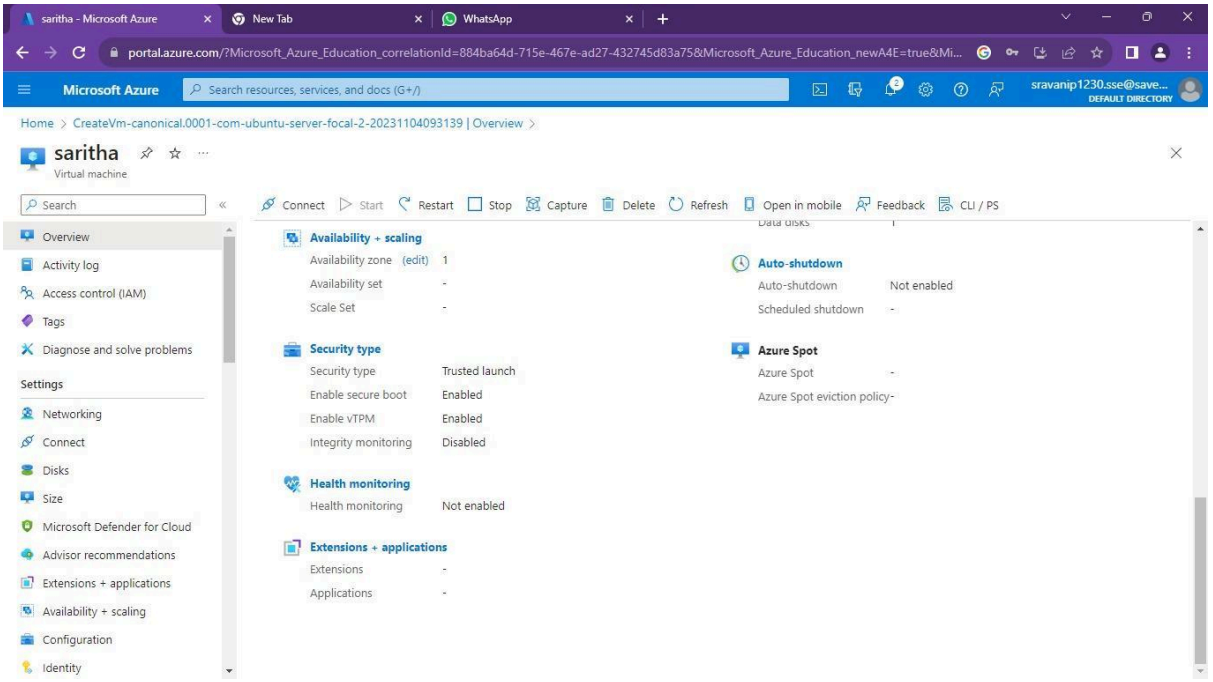
DEFAULT DIRECTORY
Home > Virtual machines >
Create a virtual machine
Password
Username *
Sravani_3848
Password *
Confirm password *
Inbound port rules
Select which virtual machine network ports are accessible from the public internet. You can specify more limited or granular network access on the Networking tab.
Public inbound ports *
None
Allow selected ports
Select inbound ports *
HTTP (80)
All traffic from the internet will be blocked by default. You will be able to change inbound port rules in the VM > Networking page.
Review + create
< Previous
Next : Disks >
Give feedback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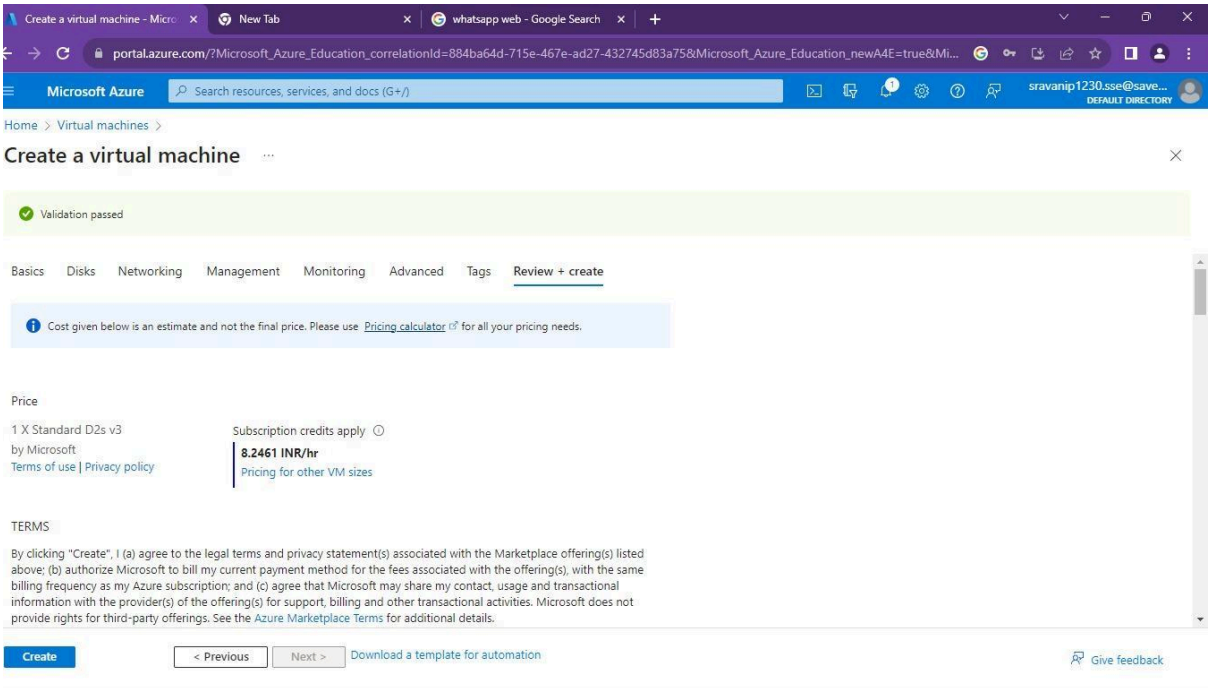
DEFAULT DIRECTORY
Home > CreateVm-canonical.0001-com-ubuntu-server-focal-2-20231104093139 | Overview >
saritha
Virtual machine
Search
Connect
Start
Restart
Stop
Capture
Delete
Refresh
Open in mobile
Feedback
CLI / PS
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Networking
Connect
Disks
Size
Microsoft Defender for Cloud
Advisor recommendations
Extensions + applications
Availability + scaling
Configuration
Identity
Availability + scaling
Availability zone (edit) 1
Availability set -
Scale Set -
Auto-shutdown
Auto-shutdown Not enabled
Scheduled shutdown -
Security type
Security type Trusted launch
Enable secure boot Enabled
Enable vTPM Enabled
Integrity monitoring Disabled
Azure Spot
Azure Spot -
Azure Spot eviction policy -
Health monitoring
Health monitoring Not enabled
Extensions + applications
Extensions -
Applications -

Step 5: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Microsoft Azure
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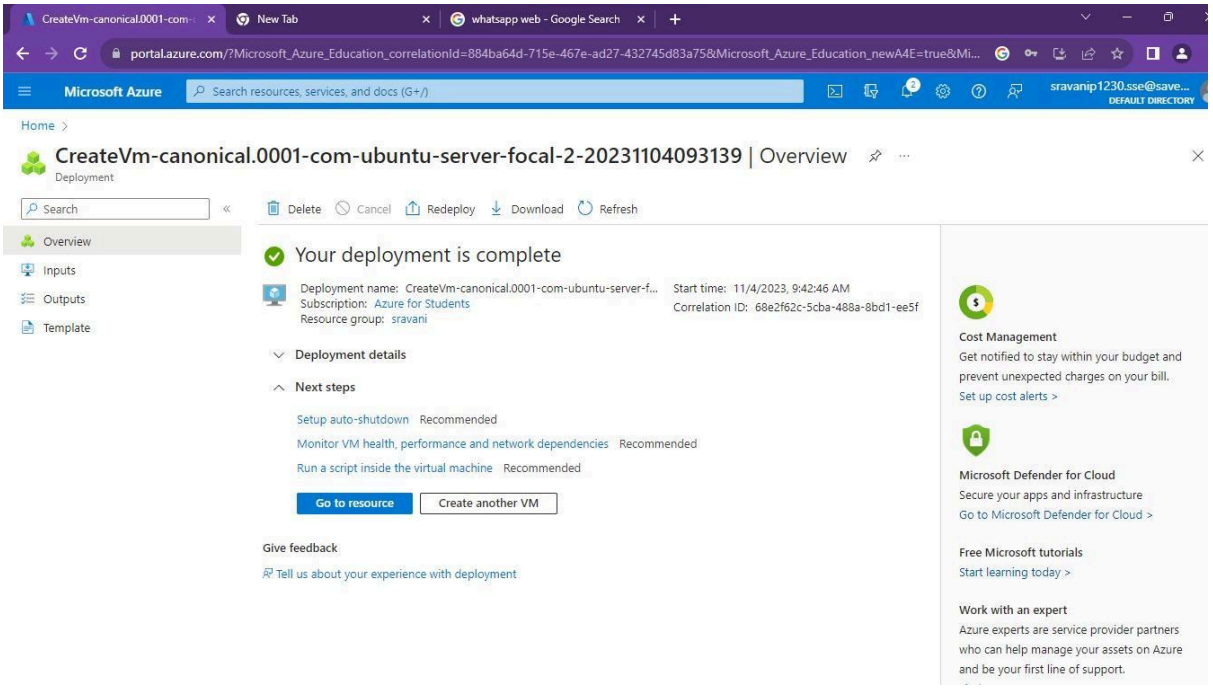
DEFAULT DIRECTORY
Home > Virtual machines >
Create a virtual machine
Validation passed
Basics
Disks
Networking
Management
Monitoring
Advanced
Tags
Review + create
Cost given below is an estimate and not the final price. Please use Pricing calculator for all your pricing needs.
Price
1 X Standard D2s v3
by Microsoft
Terms of use | Privacy policy
Subscription credits apply
8.2461 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.
Create
< Previous
Next >
Download a template for automation
Give feedback

Step 6: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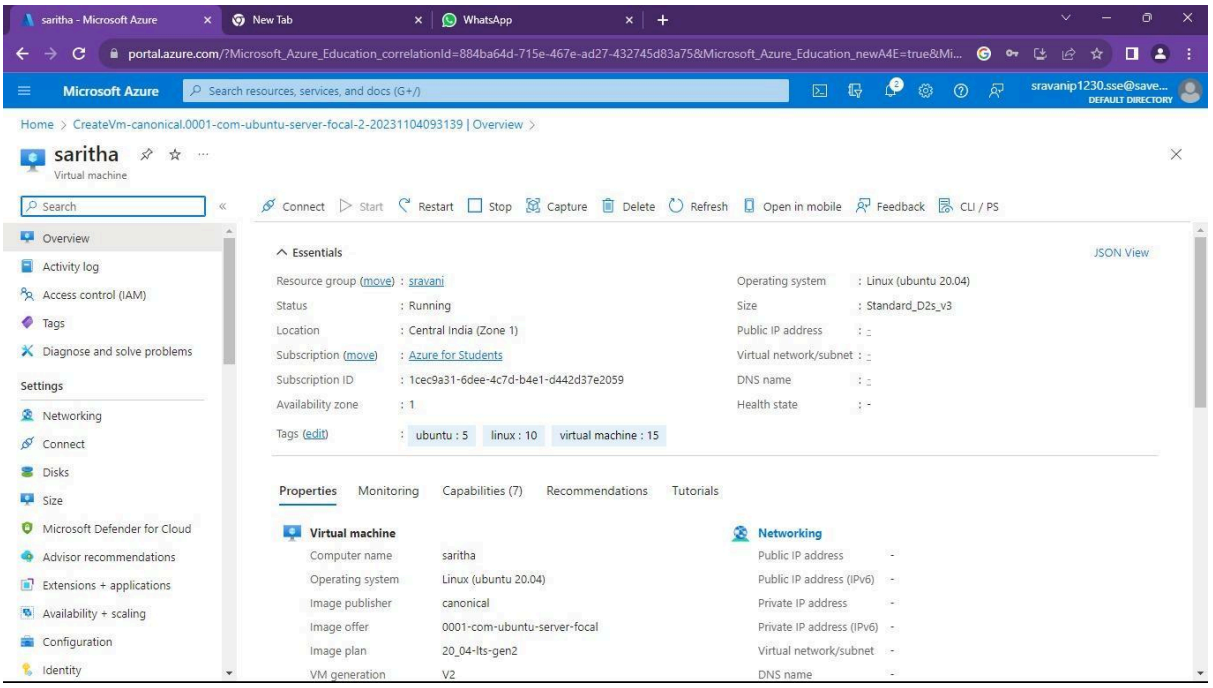
DEFAULT DIRECTORY
Home
CreateVm-canonical.0001-com-ubuntu-server-focal-2-20231104093139 | Overview
Deployment
Search
Overview
Inputs
Outputs
Template
Delete
Cancel
Redeploy
Download
Refresh
Your deployment is complete
Deployment name: CreateVm-canonical.0001-com-ubuntu-server-f...
Subscription: Azure for Students
Resource group: sravani
Start time: 11/4/2023, 9:42:46 AM
Correlation ID: 68e2f62c-5cba-488a-8bd1-ee5f
Deployment details
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
Give feedback
Tell us about your experience with deployment
Cost Management
Get notified to stay within your budget and prevent unexpected charges on your bill.
Set up cost alerts >
Microsoft Defender for Cloud
Secure your apps and infrastructure
Go to Microsoft Defender for Cloud >
Free Microsoft tutorials
Start learning today >
Work with an expert
Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.

Step 7: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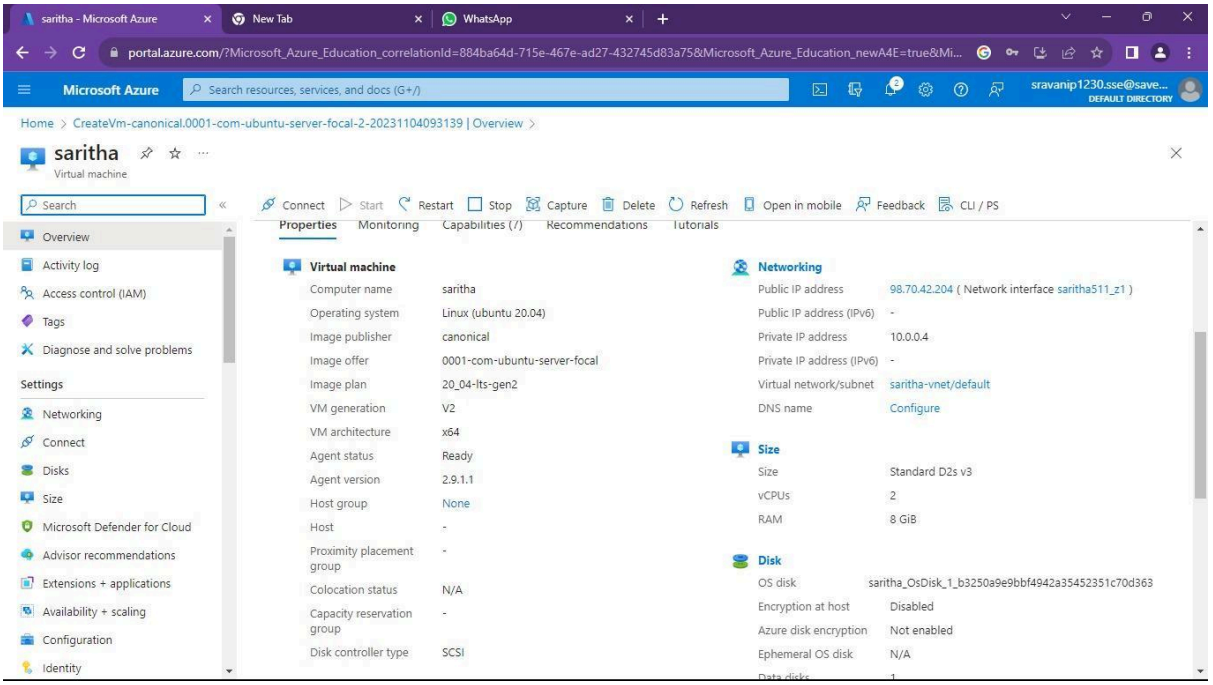
Settings
Networking
Connect
Disks
Size
Microsoft Defender for Cloud
Advisor recommendations
Extensions + applications
Availability + scaling
Configuration
Identity
Essentials
JSON View
Resource group (move) : sravani
Status : Running
Location : Central India (Zone 1)
Subscription (move) : Azure for Students
Subscription ID : 1cec9a31-6dee-4c7d-b4e1-d442d37e2059
Availability zone : 1
Tags (edit) : ubuntu : 5 linux : 10 virtual machine : 15
Operating system : Linux (ubuntu 20.04)
Size : Standard_D2s_v3
Public IP address : -
Virtual network/subnet : -
DNS name : -
Health state : -
Properties
Monitoring
Capabilities (7)
Recommendations
Tutorials
Virtual machine
Computer name saritha
Operating system Linux (ubuntu 20.04)
Image publisher canonical
Image offer 0001-com-ubuntu-server-focal
Image plan 20_04-lts-gen2
VM generation V2
Networking
Public IP address -
Public IP address (IPv6) -
Private IP address -
Private IP address (IPv6) -
Virtual network/subnet -
DNS name -

Step 8:



Result:

Thus the creating a virtual machine using VMware workstation has been created successfully.