CSA1518-CLOUD COMPUTING AND BIG DATA ANALYTICS FOR SOCIAL MEDIA

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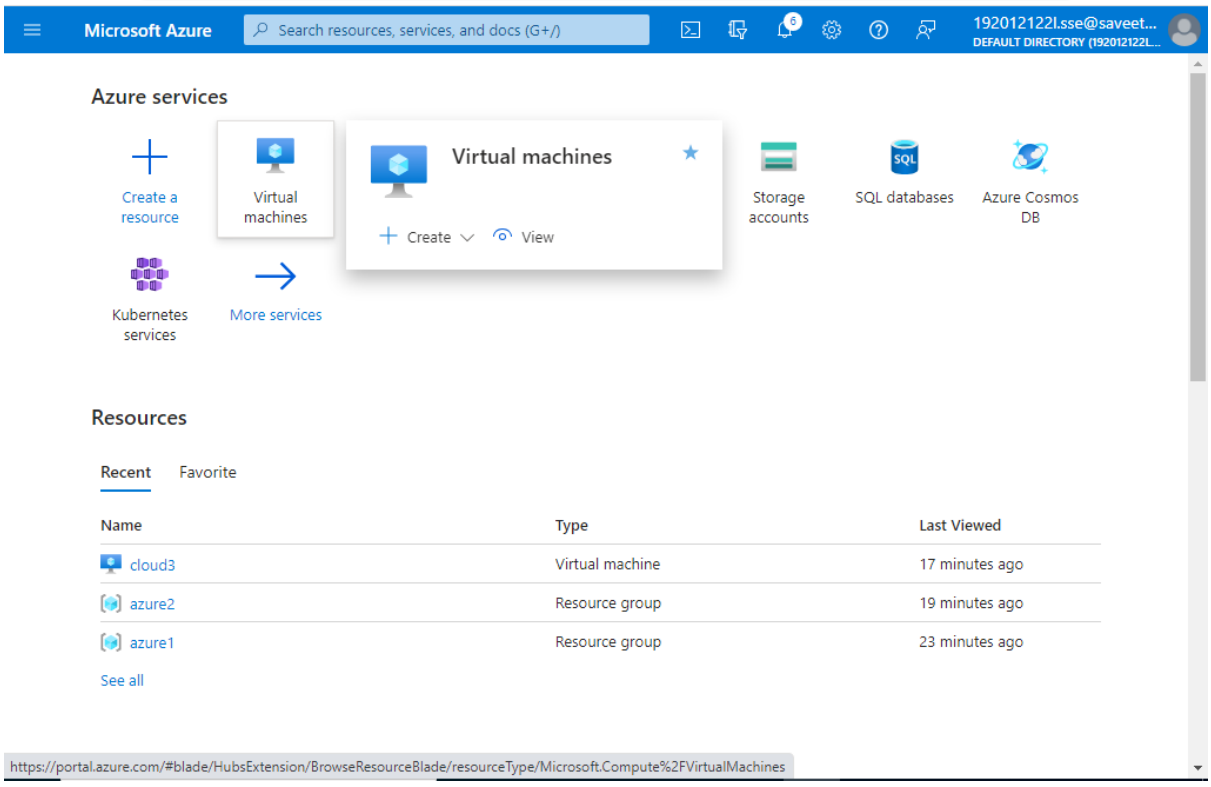
192011344

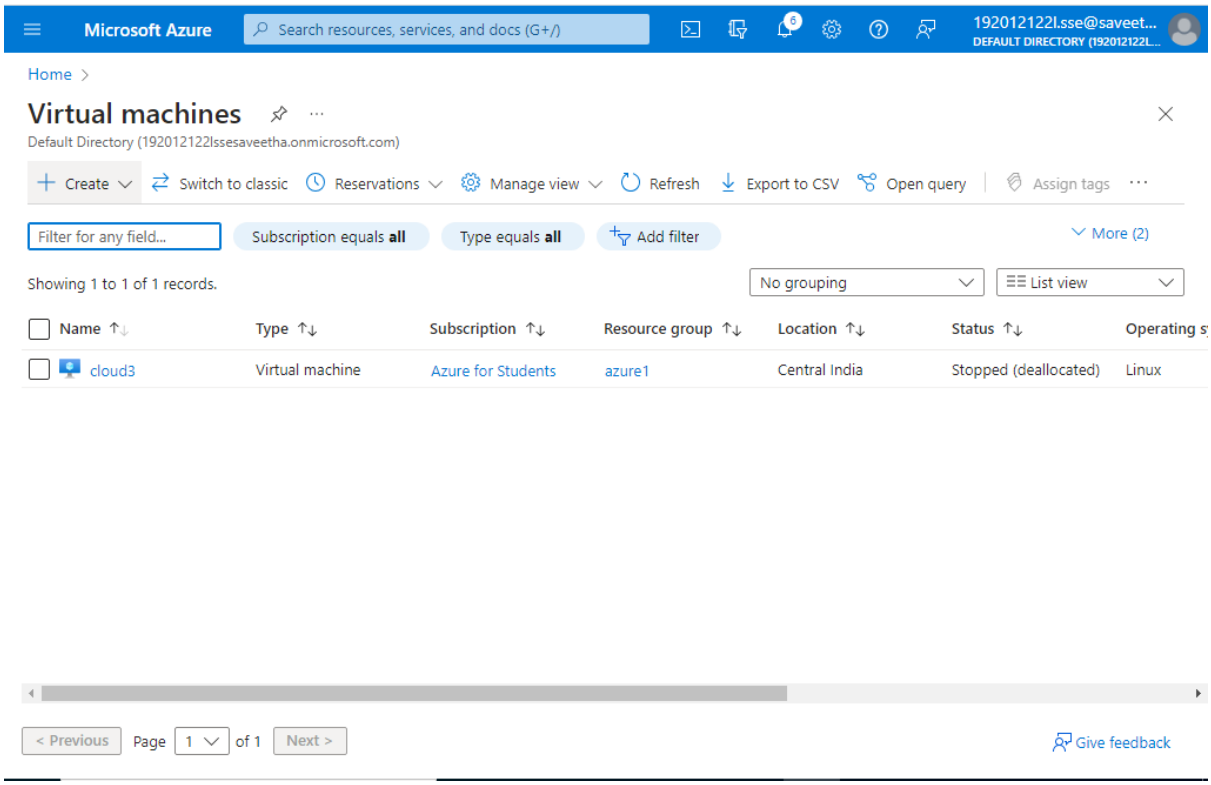
EXPT 15: Demonstrate Platform as a Service (PaaS) create and configure a new VM Image in any Public Cloud Service Provider

IMPLEMENTATION:

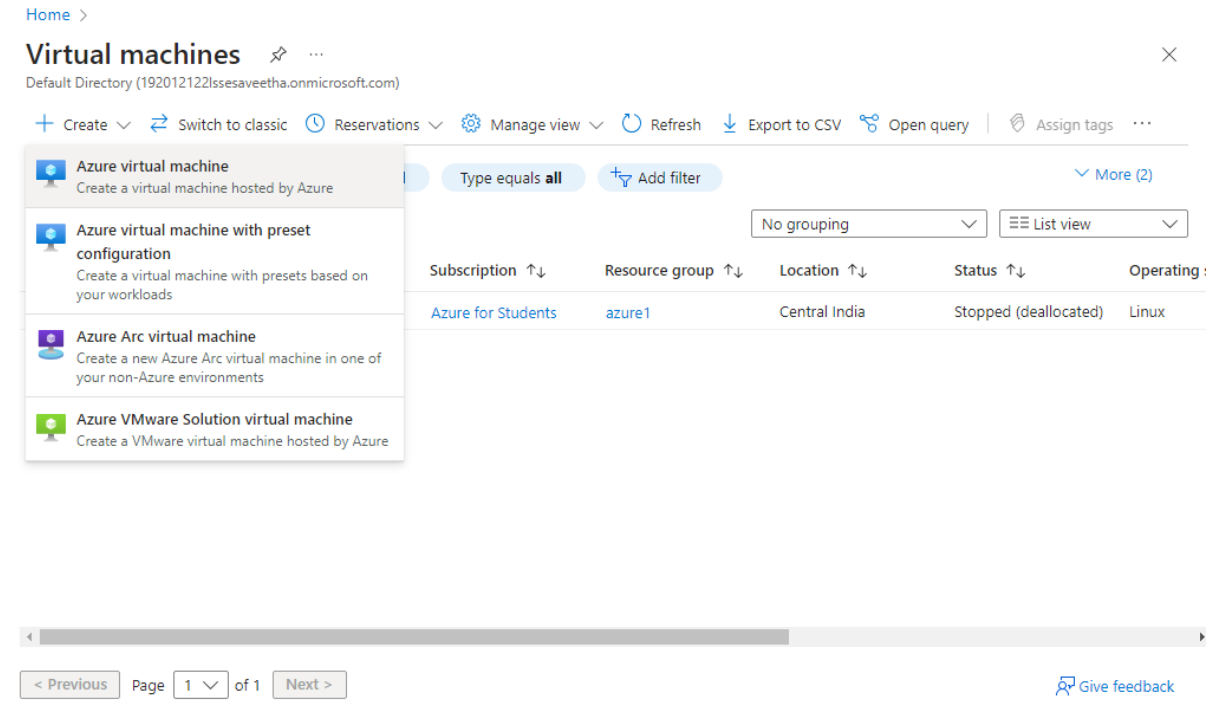
STEP 1:SELECT VIRTUAL MACHINE



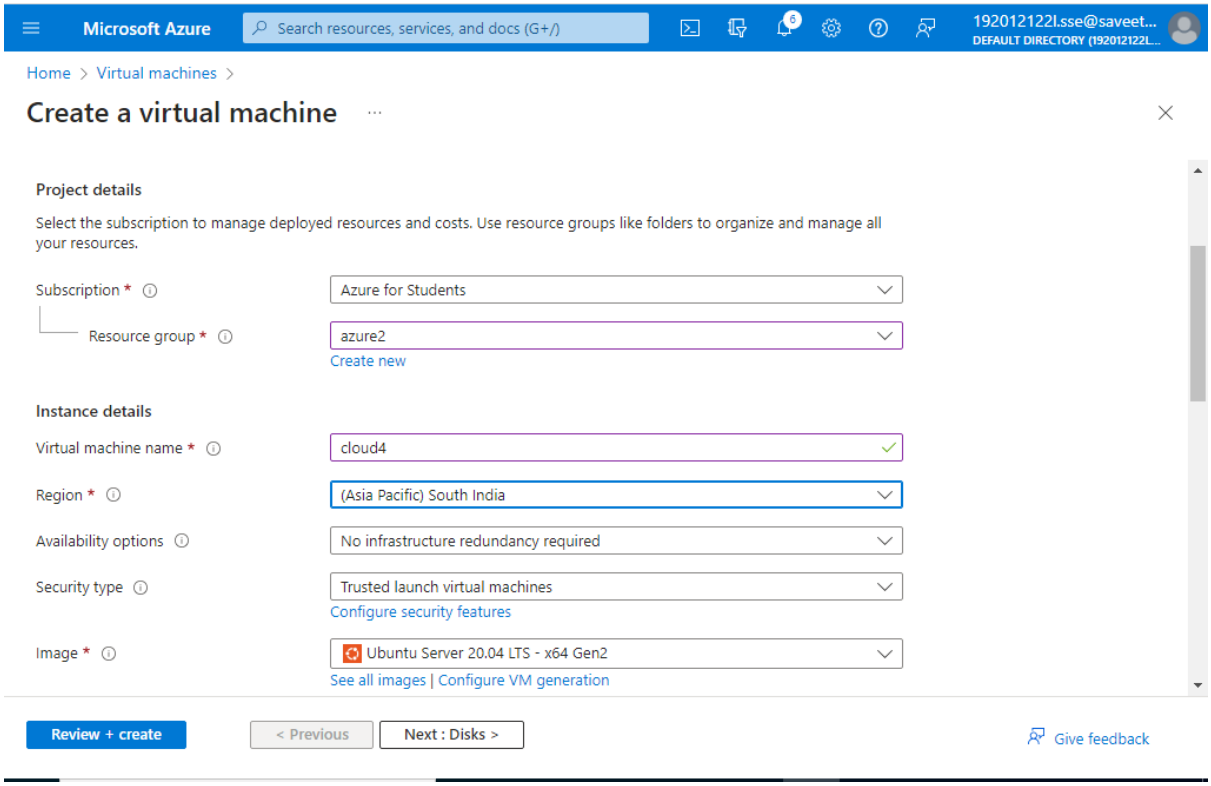
STEP 2:CLICK ON CREATE

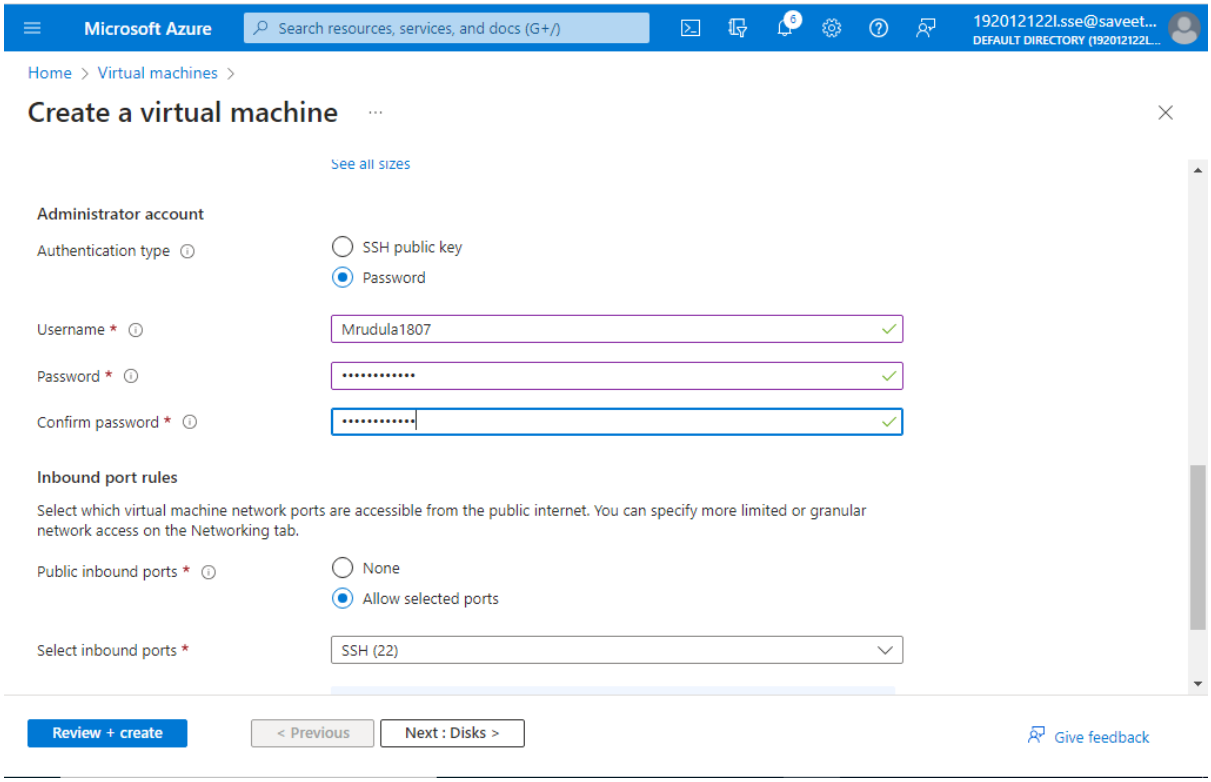


STEP 3:SELECT AZURE VIRTUAL MACHINE

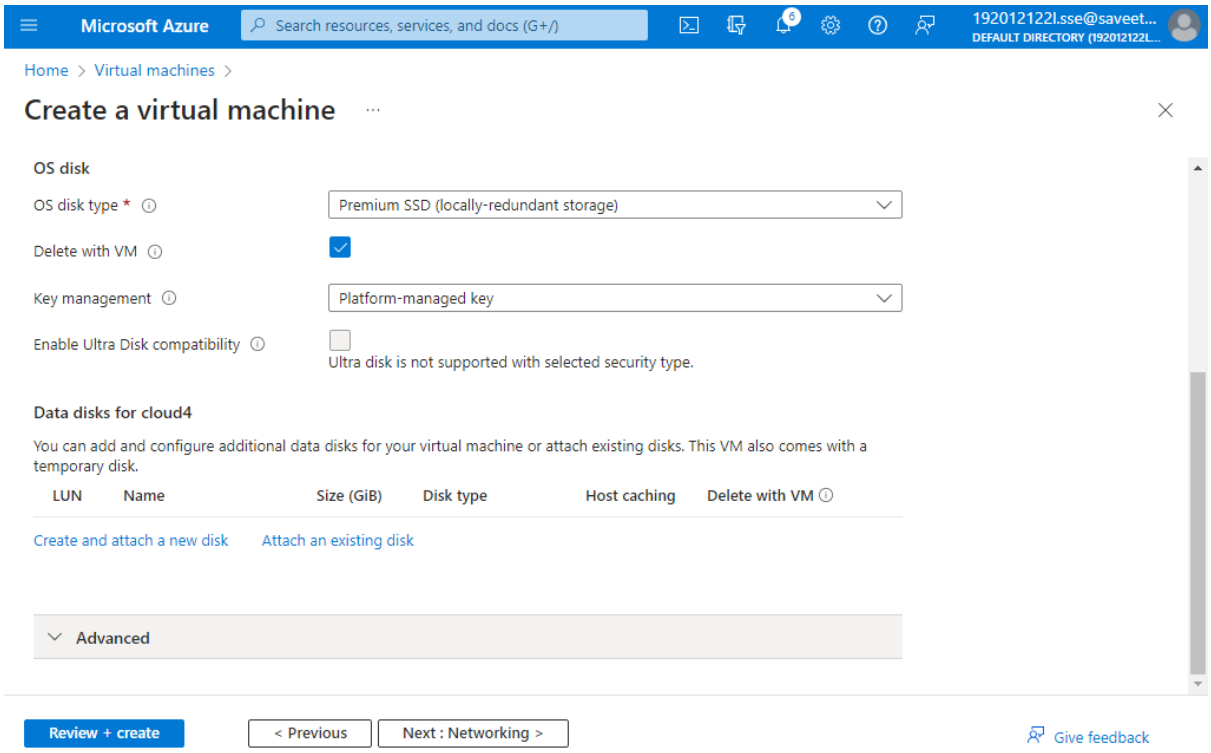


STEP 4:FILL THE DETAILS IN MANDATORY COLUMNS

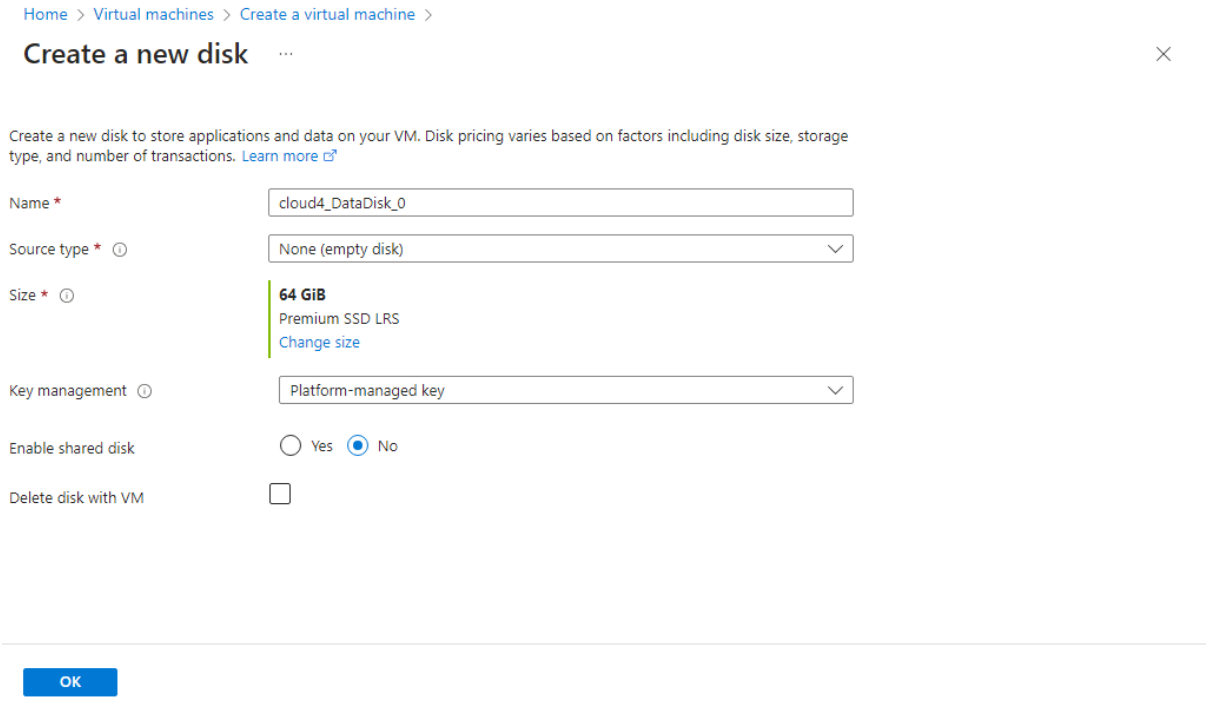




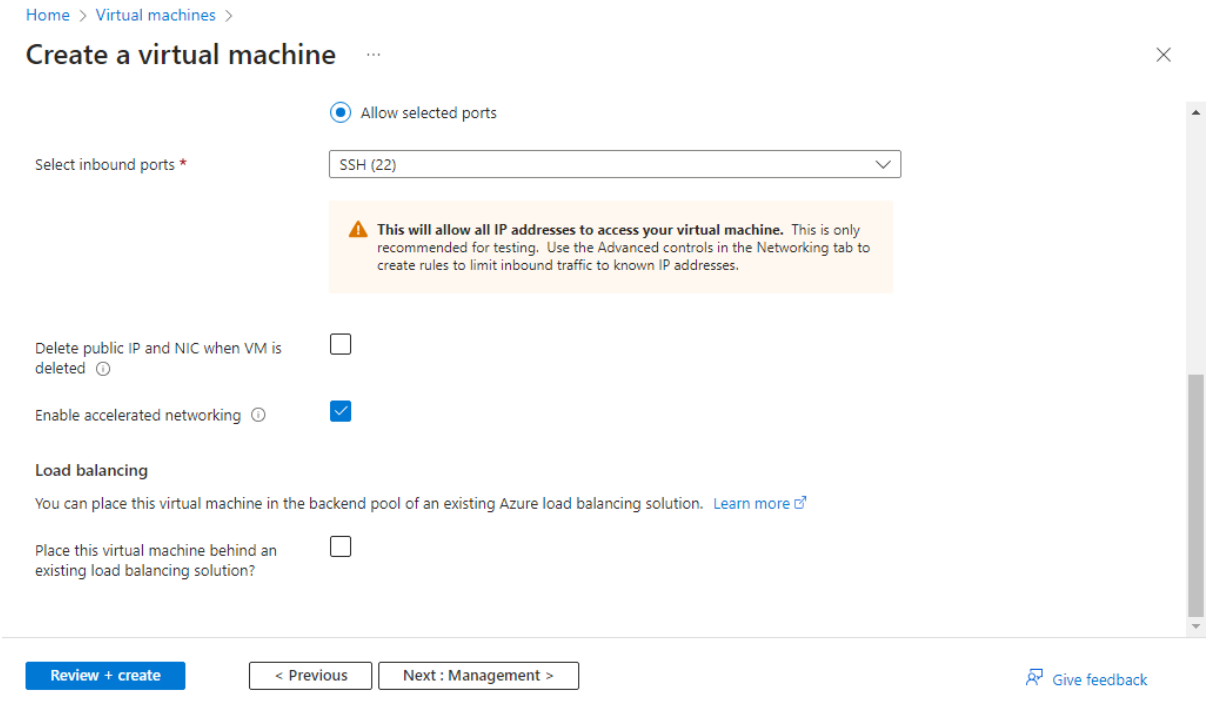
STEP 5:CLICK ON NETWORKING



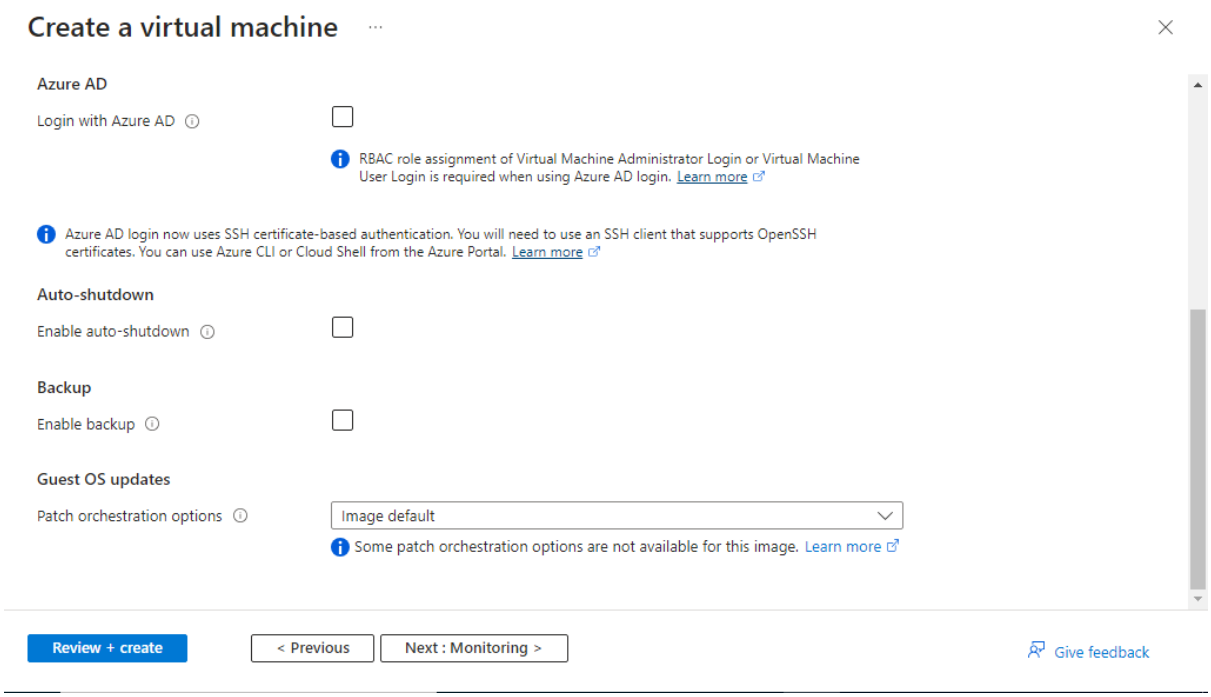
CREATE DISK



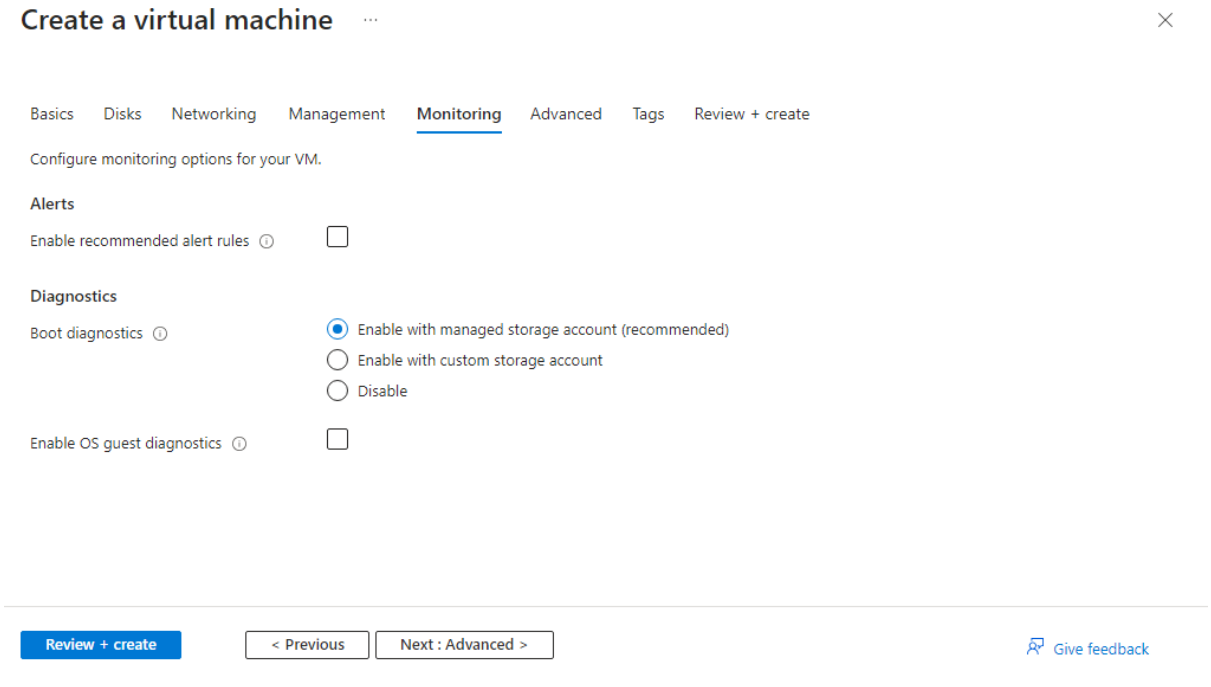
STEP 6:CLICK NEXT: MANAGEMENT



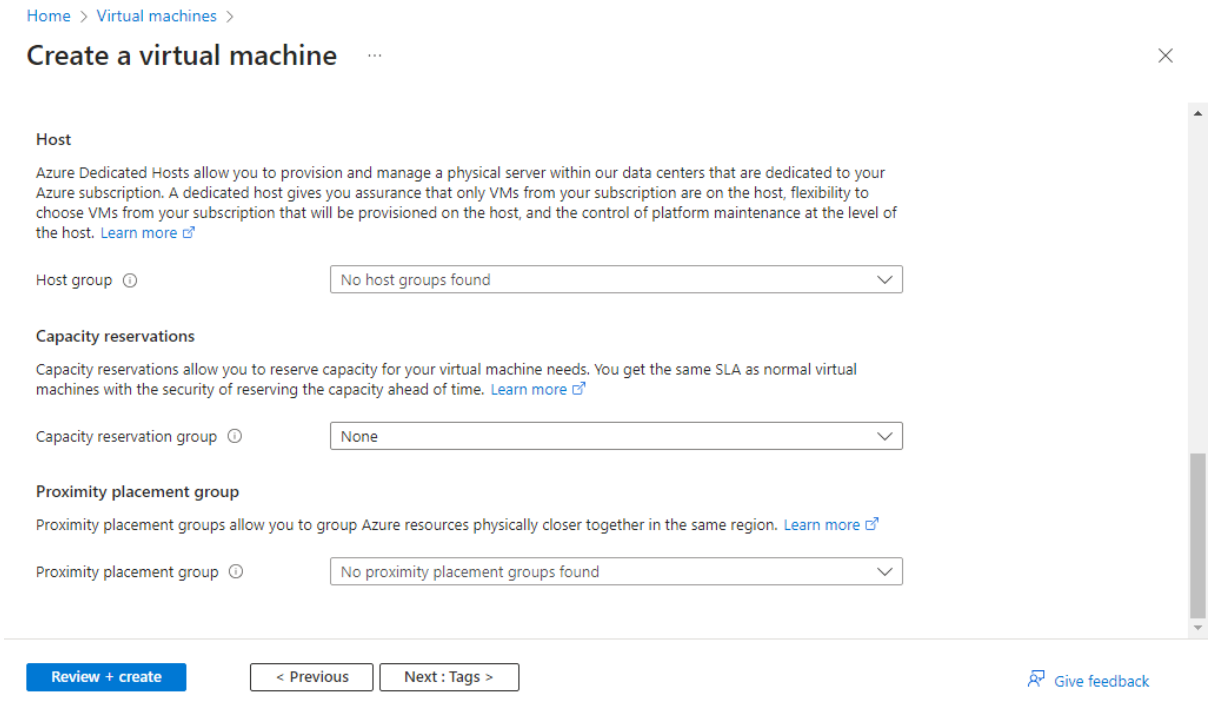
STEP 7:CLICK NEXT:MONITORING



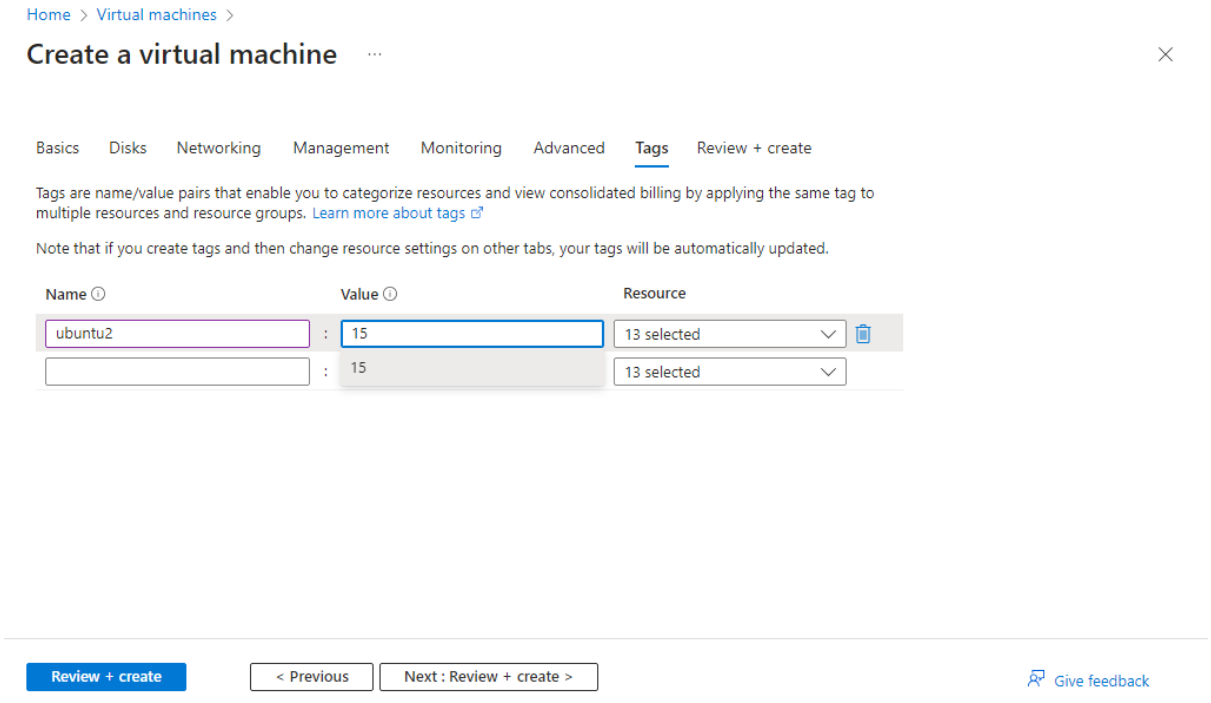
CLICK ON ADVANCED



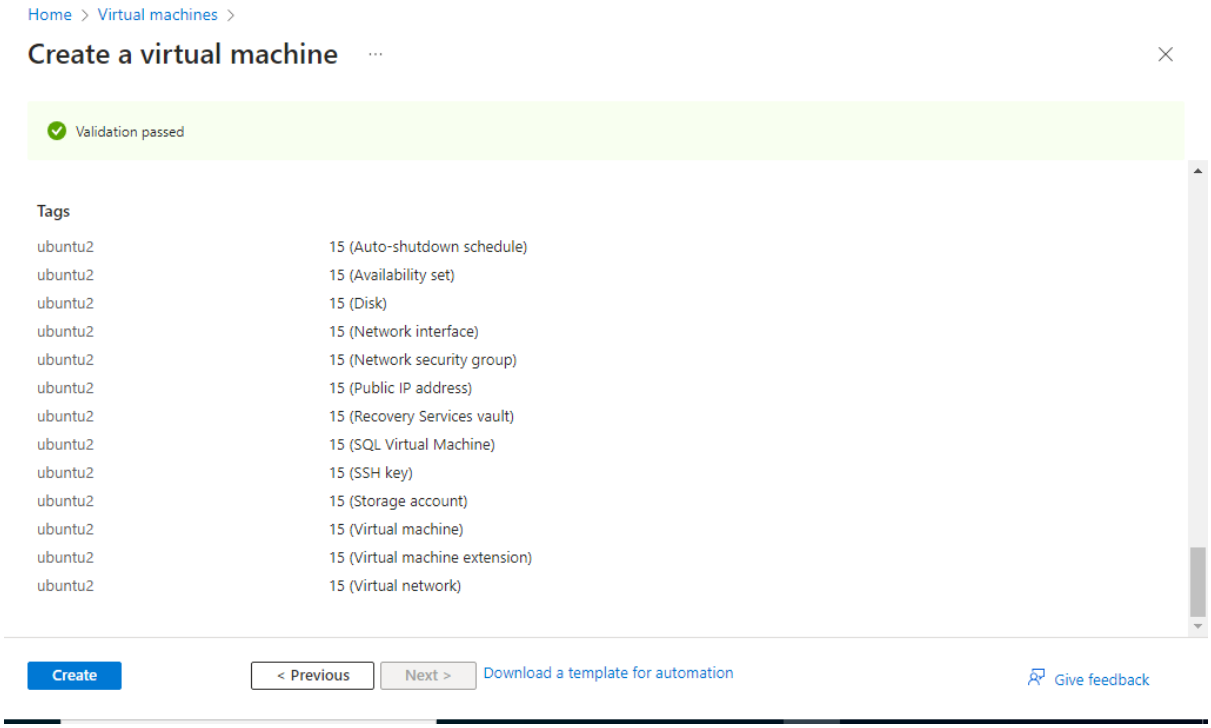
CLICK ON TAGS



STEP 8:ASSIGN NAME AND VALUE

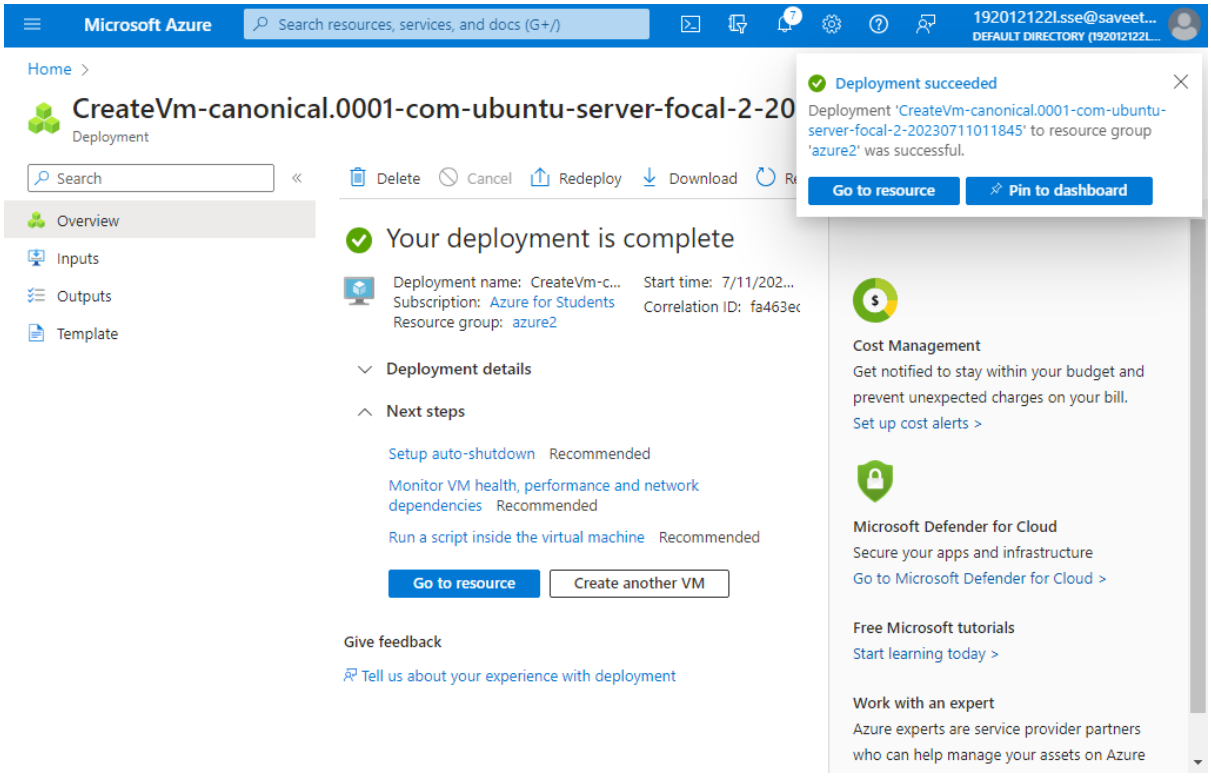


STEP 9:VALIDATION IS PASSED.CLICK ON CREATE

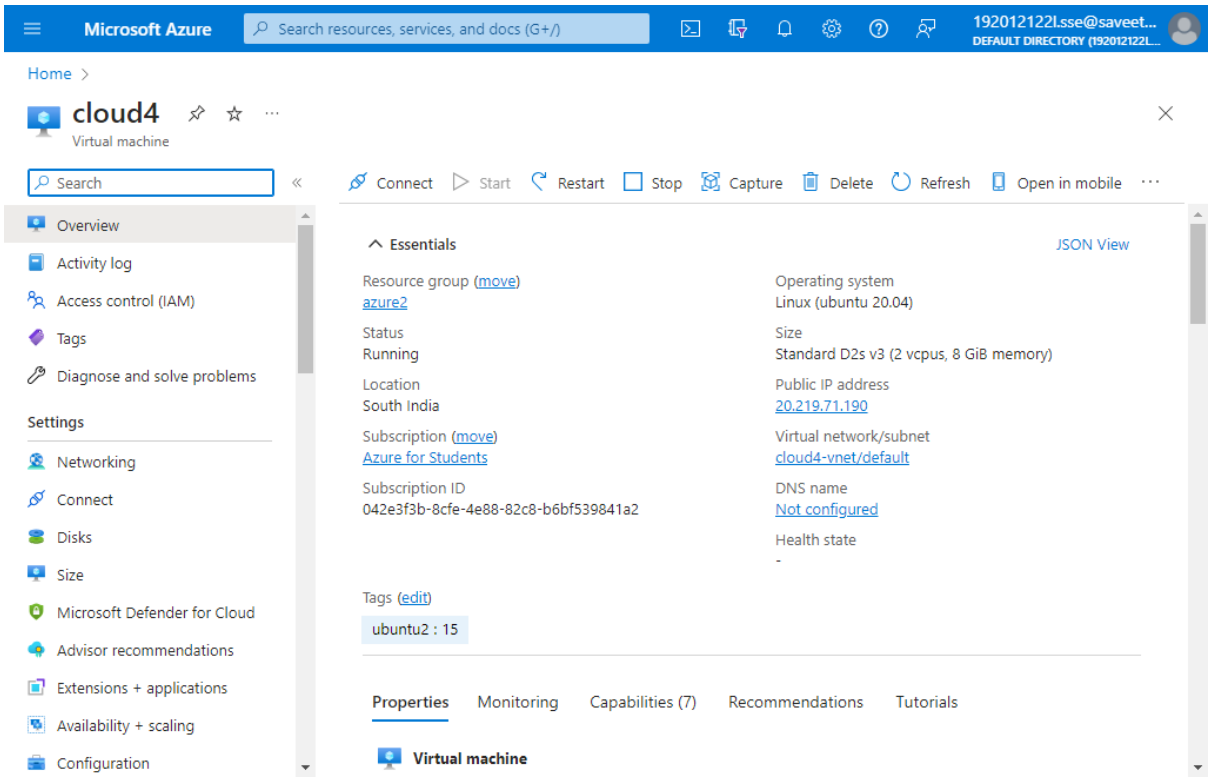


STEP 10:DEPLOYMENT IS COMPLETED

OUTPUT


Microsoft Azure
Search resources, services, and docs (G+/)
192012122l.sse@saveet...
DEFAULT DIRECTORY (192012122L...
Home
CreateVm-canonical.0001-com-ubuntu-server-focal-2-20
Deployment
Deployment succeeded
Deployment 'CreateVm-canonical.0001-com-ubuntu-server-focal-2-20230711011845' to resource group 'azure2' was successful.
Go to resource
Pin to dashboard
Search
Overview
Inputs
Outputs
Template
Delete
Cancel
Redeploy
Download
Your deployment is complete
Deployment name: CreateVm-c...
Subscription: Azure for Students
Resource group: azure2
Start time: 7/11/202...
Correlation ID: fa463ec
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

STEP11:


Microsoft Azure
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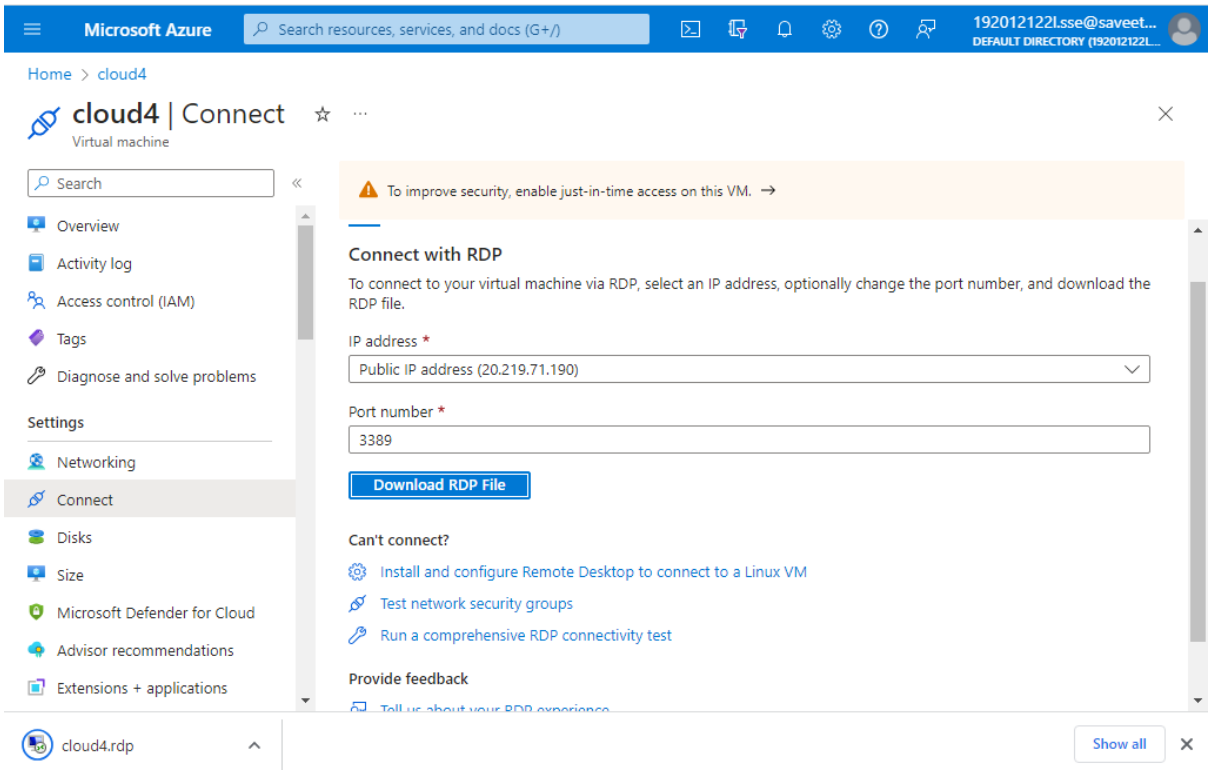
DEFAULT DIRECTORY (192012122L...
Home
cloud4
Virtual machine
Search
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Networking
Connect
Disks
Size
Microsoft Defender for Cloud
Advisor recommendations
Extensions + applications
Availability + scaling
Configuration
Connect
Start
Restart
Stop
Capture
Delete
Refresh
Open in mobile
Essentials
JSON View
Resource group (move)
azure2
Status
Running
Location
South India
Subscription (move)
Azure for Students
Subscription ID
042e3f3b-8cfe-4e88-82c8-b6bf539841a2
Operating system
Linux (ubuntu 20.04)
Size
Standard D2s v3 (2 vcpus, 8 GiB memory)
Public IP address
20.219.71.190
Virtual network/subnet
cloud4-vnet/default
DNS name
Not configured
Health state
-
Tags (edit)
ubuntu2 : 15
Properties
Monitoring
Capabilities (7)
Recommendations
Tutorials
Virtual machine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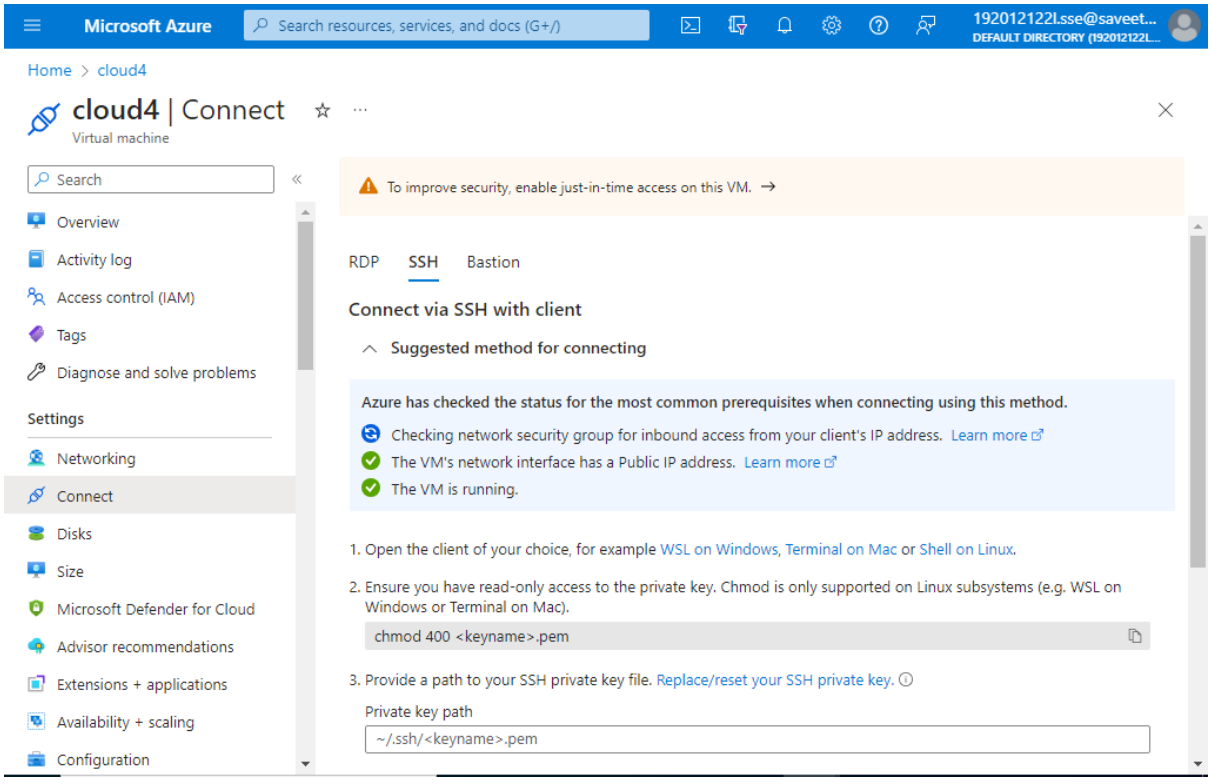
Microsoft Defender for Cloud
Advisor recommendations
Extensions + applications
To improve security, enable just-in-time access on this VM.
Connect with RDP
To connect to your virtual machine via RDP, select an IP address, optionally change the port number, and download the RDP file.
IP address *
Public IP address (20.219.71.190)
Port number *
3389
Download RDP File
Can't connect?
Install and configure Remote Desktop to connect to a Linux VM
Test network security groups
Run a comprehensive RDP connectivity test
Provide feedback
cloud4.rdp
Show all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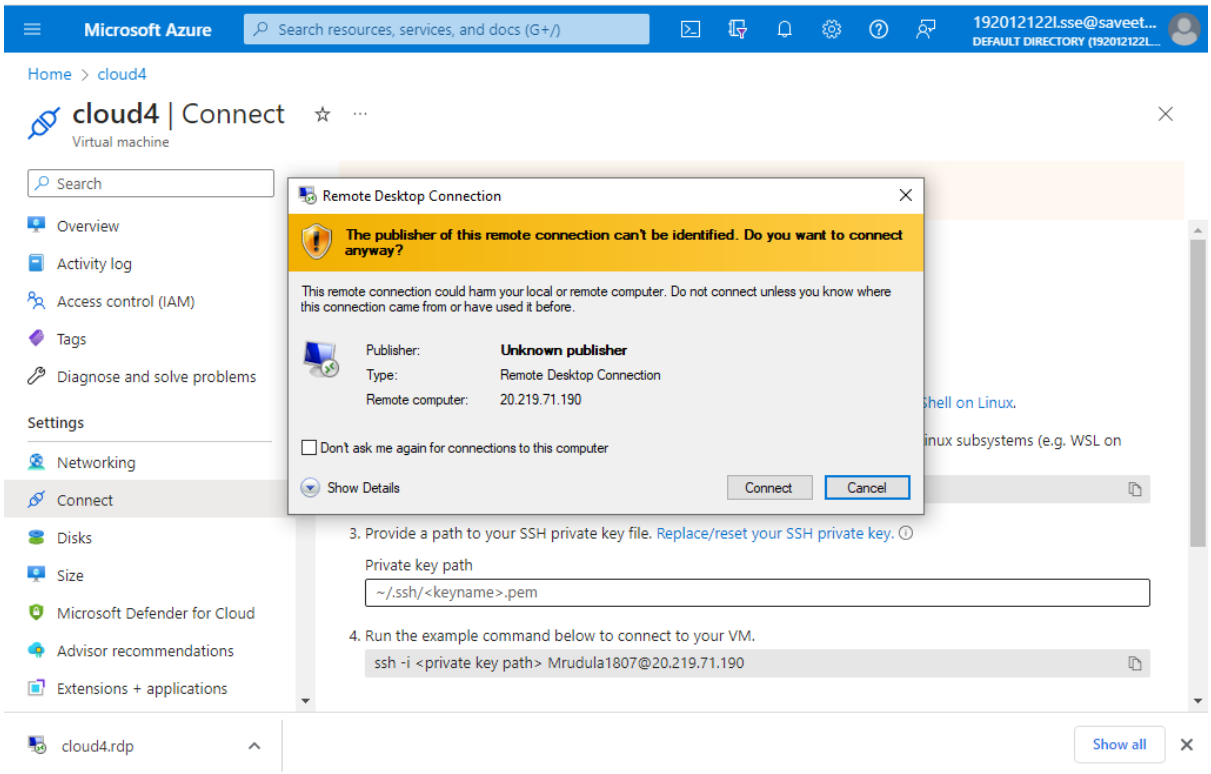
Diagnose and solve problems
Settings
Networking
Connect
Disks
Size
Microsoft Defender for Cloud
Advisor recommendations
Extensions + applications
Availability + scaling
Configuration
To improve security, enable just-in-time access on this VM.
RDP
SSH
Bastion
Connect via SSH with client
Suggested method for connecting
Azure has checked the status for the most common prerequisites when connecting using this method.
Checking network security group for inbound access from your client's IP address. Learn more
The VM's network interface has a Public IP address. Learn more
The VM is running.
1. Open the client of your choice, for example WSL on Windows, Terminal on Mac or Shell on Linux.
2. Ensure you have read-only access to the private key. Chmod is only supported on Linux subsystems (e.g. WSL on Windows or Terminal on Mac).
chmod 400 <keyname>.pem
3. Provide a path to your SSH private key file. Replace/reset your SSH private key.
Private key path
~/.ssh/<keyname>.pem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Virtual machine
Search
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
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Connect
Disks
Size
Microsoft Defender for Cloud
Advisor recommendations
Extensions + applications
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: 20.219.71.190
Don't ask me again for connections to this computer
Show Details
Connect
Cancel
3. Provide a path to your SSH private key file. Replace/reset your SSH private key.
Private key path
~/.ssh/<keyname>.pem
4. Run the example command below to connect to your VM.
ssh -i <private key path> Mrudula1807@20.219.71.190
cloud4.rdp
Show all