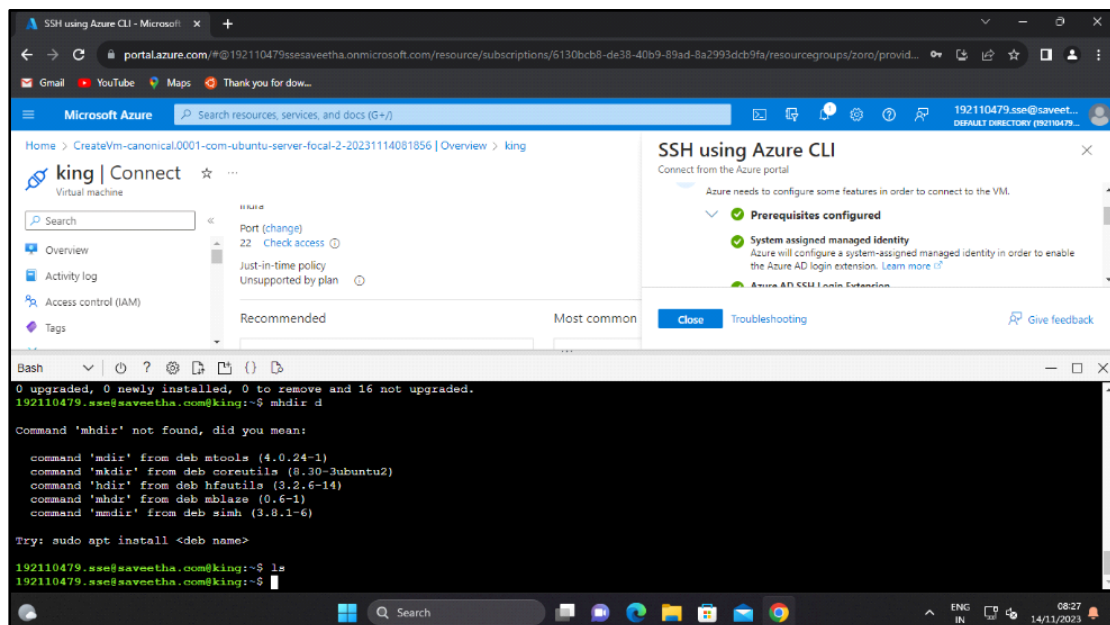
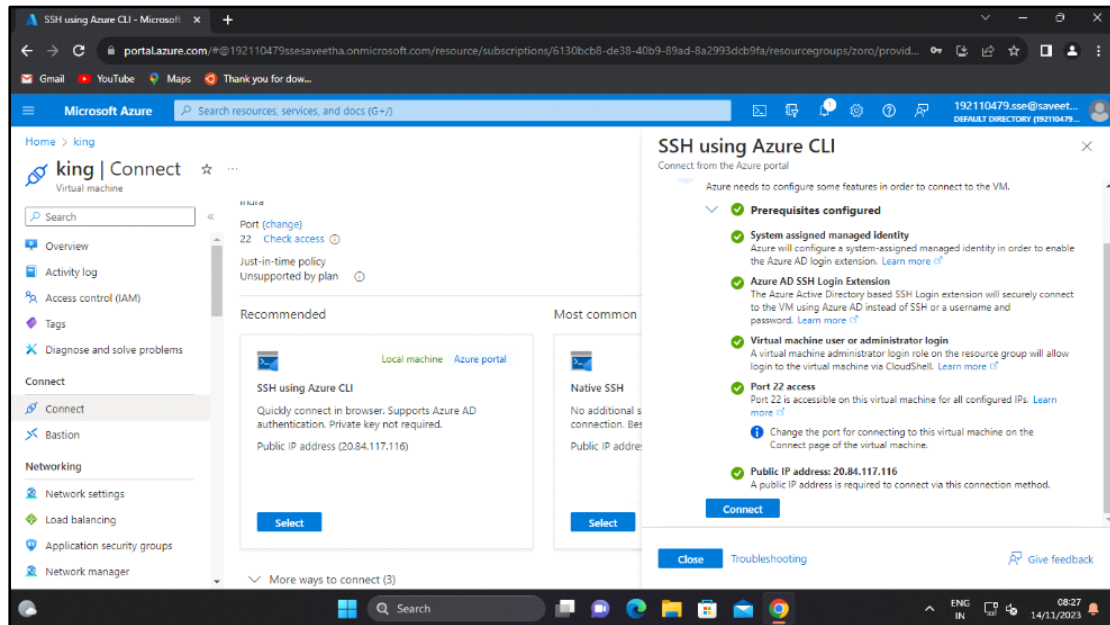


# cloud computing and big data analytics

## creating virtual machine with remote connection



Edit with WPS Office

Create a virtual machine - Microsoft Azure

portal.azure.com/#create/Microsoft.VirtualMachine

Microsoft Azure

Home >

## Create a virtual machine

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 \*  [Create new](#)

Subnet \*  [Create new](#)

Public IP  [Create new](#)

NIC network security group ☐ None ☒ Basic

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

25°C High winds soon

ENG IN 08:35 14/11/2023

Create a virtual machine - Microsoft Azure

portal.azure.com/#create/Microsoft.VirtualMachine

Microsoft Azure

Home >

## Create a virtual machine

Basics Disks Networking Management Monitoring Advanced Tags Review + create

Configure management options for your VM.

Microsoft Defender for Cloud

Microsoft Defender for Cloud provides unified security management and advanced threat protection across hybrid cloud workloads. [Learn more](#)

✓ Your subscription is protected by Microsoft Defender for Cloud basic plan.

Identity

Enable system assigned managed identity ☐

Azure AD

Login with Azure AD ☐

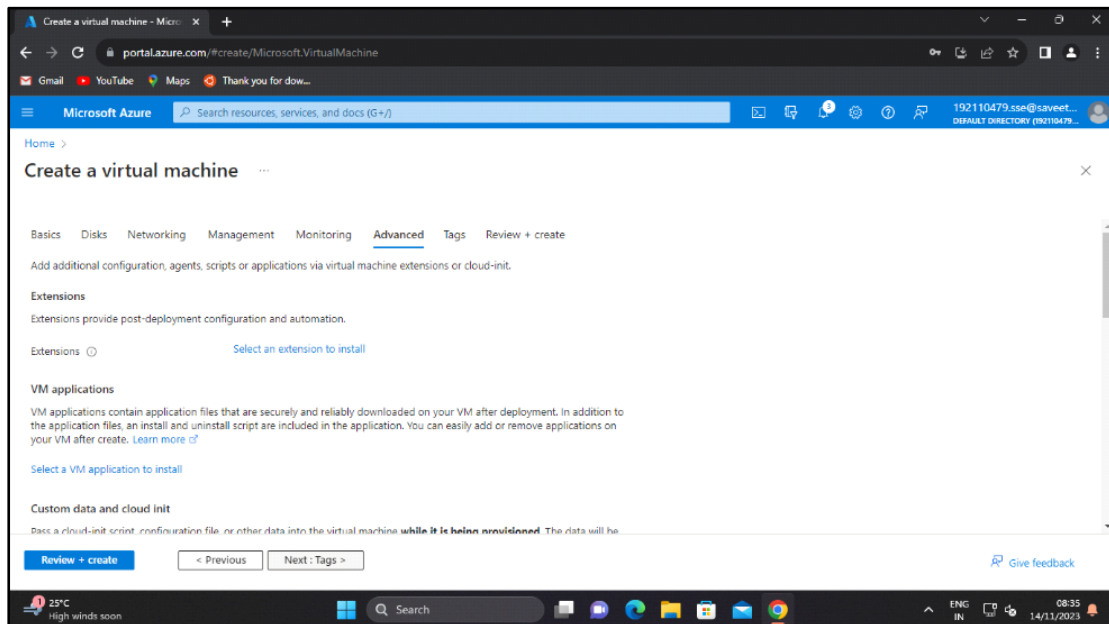
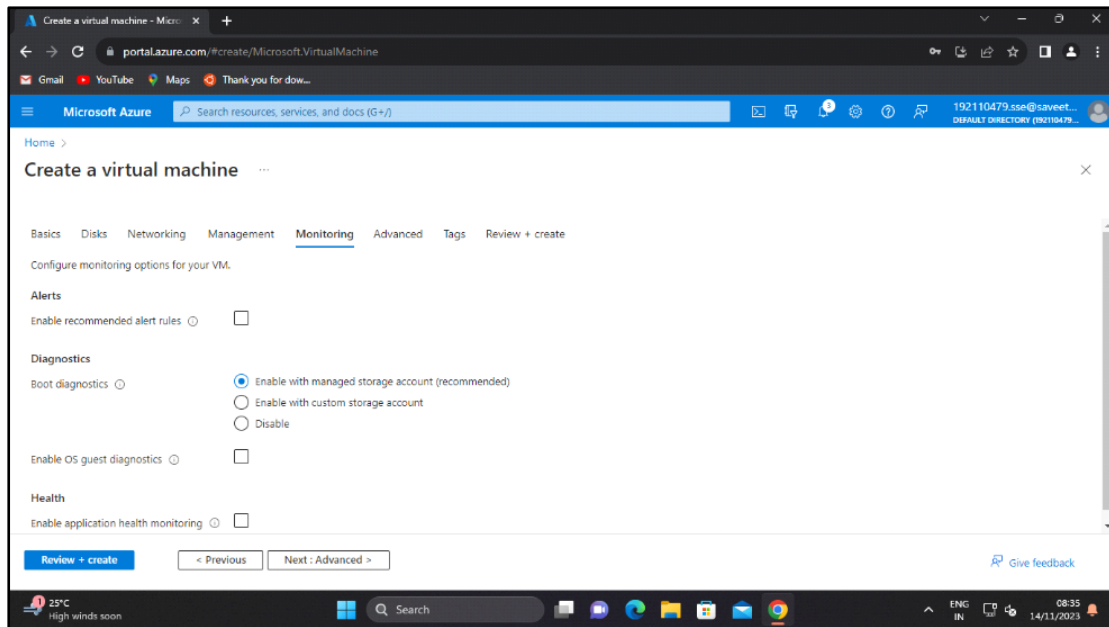
[Review + create](#) < Previous Next: Monitoring > [Give feedback](#)

25°C High winds soon

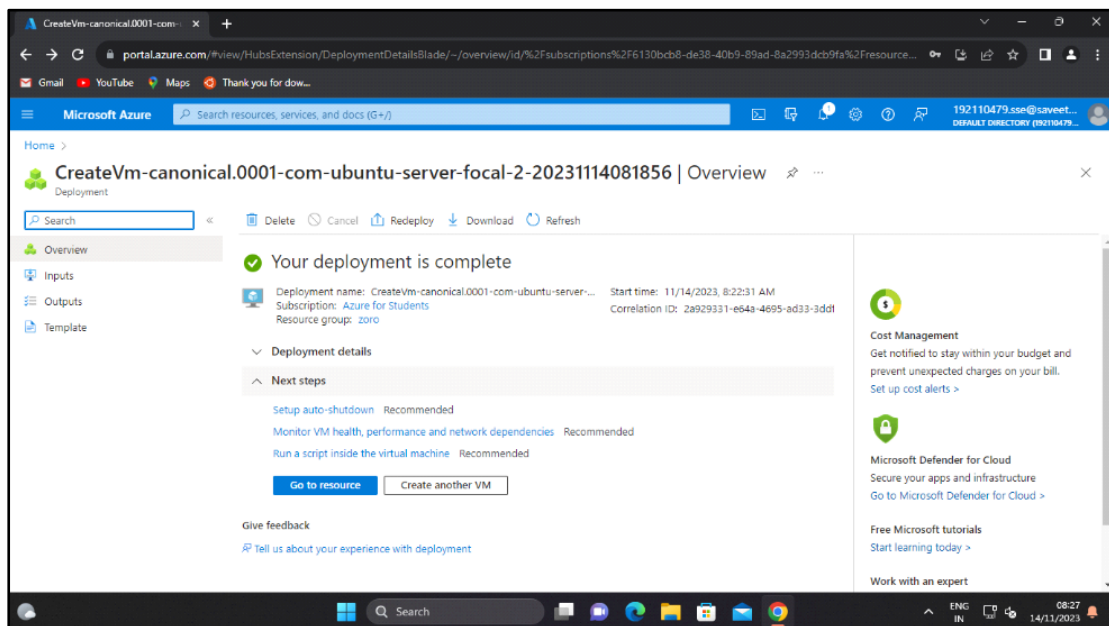
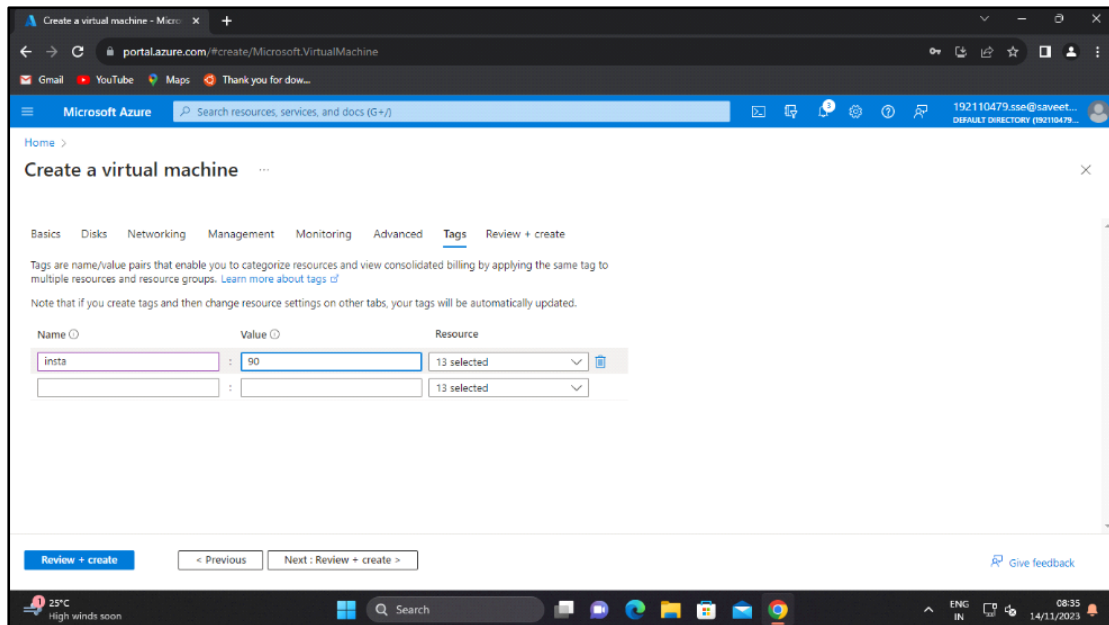
ENG IN 08:35 14/11/2023



Edit with WPS Office



Edit with WPS Office



Edit with WPS Office

king - Microsoft Azure

portal.azure.com/#@192110479sse@saveetha.onmicrosoft.com/resource/subscriptions/6130bcb8-de38-40b9-89ad-8a2993dcb9fa/resourcegroups/zoro/provid...

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

192110479.sse@saveet...  
DEFAULT DIRECTORY (192110479...

Home > king  
Virtual machine

Search

Connect Start Restart Stop Hibernate (preview) Capture Delete Refresh Open in mobile Feedback CU / PS

Overview  
Activity log  
Access control (IAM)  
Tags  
Diagnose and solve problems

Connect  
Connect  
Bastion

Networking  
Network settings  
Load balancing  
Application security groups  
Network manager

Essentials

Resource group (mouse) : zoro  
Status : Running  
Location : East US (Zone 1)  
Subscription ID : 6130bcb8-de38-40b9-89ad-8a2993dcb9fa  
Availability zone : 1  
Tags (cd) : inste : 90

Operating system : Linux (ubuntu 20.04)  
Size : Standard D2s v3 (2 vcpus, 8 GiB memory)  
Public IP address :  
Virtual network/subnet :  
DNS name :  
Health state :>

JSON View

Properties Monitoring Capabilities (7) Recommendations Tutorials

Virtual machine

Computer name : king  
Operating system : Linux (ubuntu 20.04)  
Image publisher : canonical

Networking

Public IP address :  
Public IP address (IPv6) :  
Private IP address :

king - Microsoft Azure

portal.azure.com/#@192110479sse@saveetha.onmicrosoft.com/resource/subscriptions/6130bcb8-de38-40b9-89ad-8a2993dcb9fa/resourcegroups/zoro/provid...

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

192110479.sse@saveet...  
DEFAULT DIRECTORY (192110479...

Home > king  
king | Connect  
Virtual machine

Search

Overview  
Activity log  
Access control (IAM)  
Tags  
Diagnose and solve problems

Connect  
Connect  
Bastion

Networking  
Network settings  
Load balancing  
Application security groups  
Network manager

Port (change)  
22 Check access  
Just-in-time policy  
Unsupported by plan

Recommended

Local machine Azure portal

SSH using Azure CLI

Quickly connect in browser. Supports Azure AD authentication. Private key not required.  
Public IP address (20.84.117.116)

Select

Most common

Local machine

Native SSH

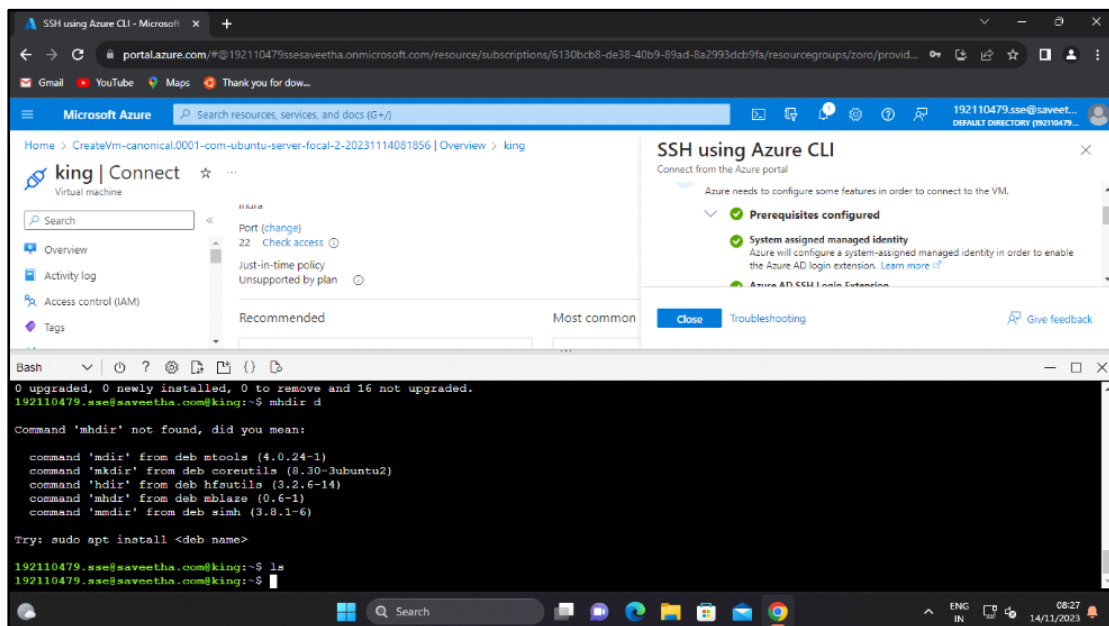
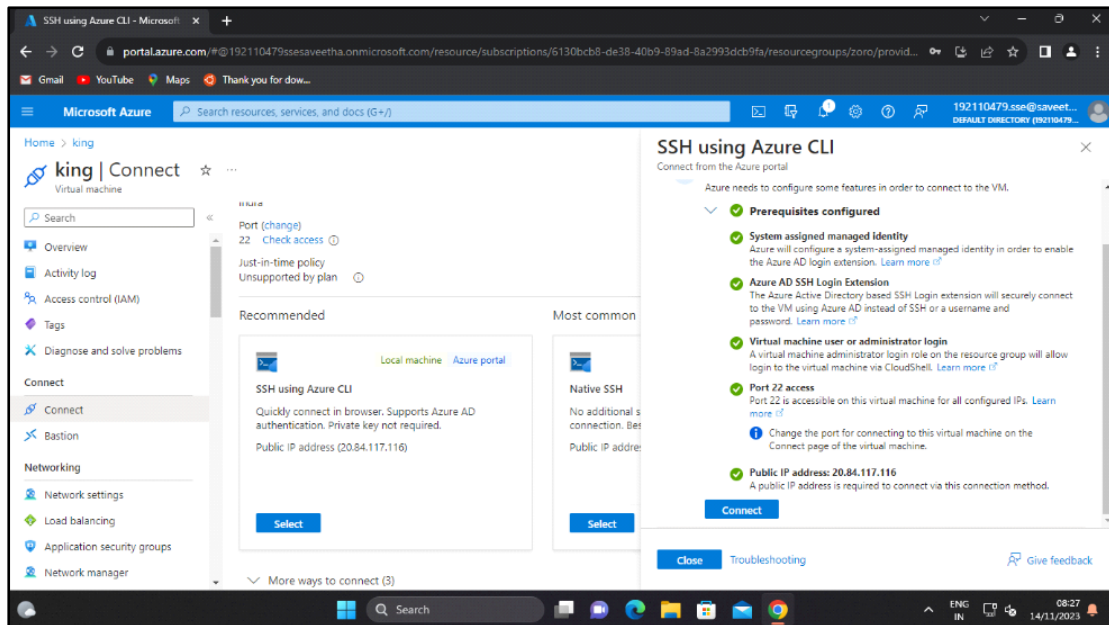
No additional software needed. Private key required for connection. Best for those with existing SSH tools.  
Public IP address (20.84.117.116)

Select

More ways to connect (3)



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