

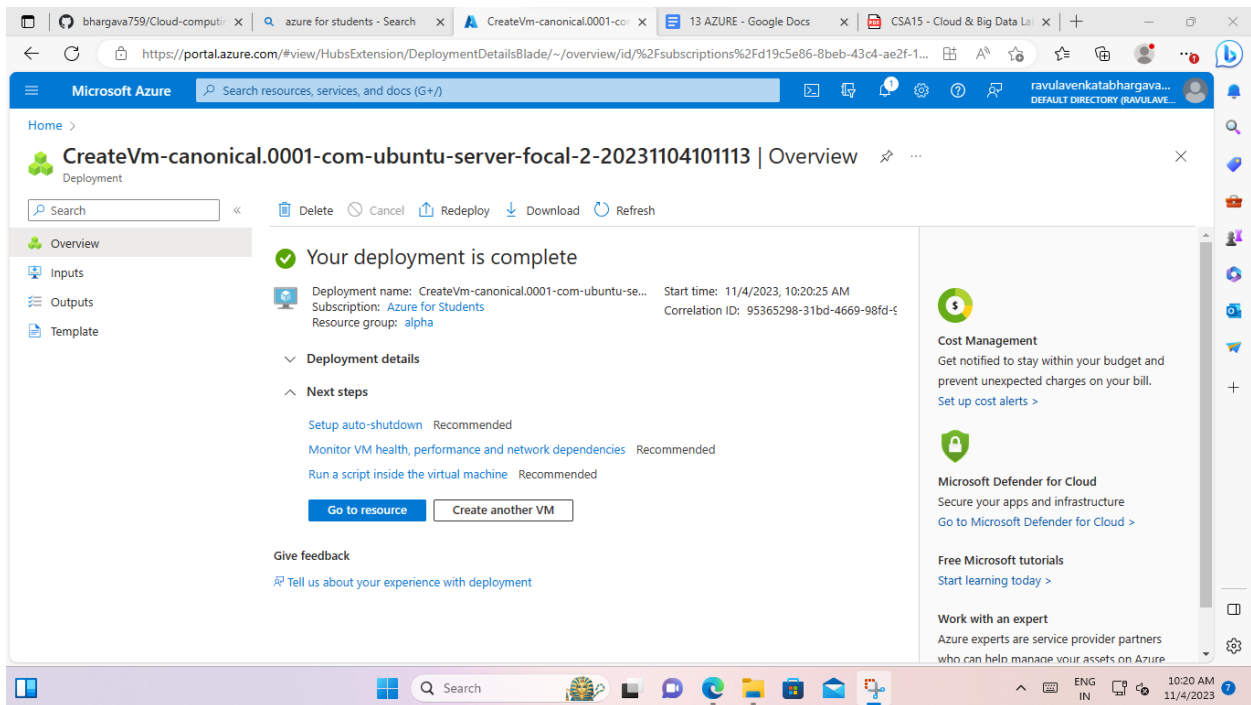
## CLOUD COMPUTING DAY-3 QUESTIONS

### USING AZURE

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

##### Procedure:

1. After creating the one virtual machines.



2. to show the virtual machines and select the one virtual machine.

Microsoft Azure portal showing Virtual machines. The page displays a list of virtual machines with columns: Name, Type, Subscription, Resource group, Location, Status, Operating system, and Size. Two virtual machines are listed:

Name	Type	Subscription	Resource group	Location	Status	Operating system	Size
vm123456	Virtual machine	Azure for Students	sigma	Central India	Running	Linux	Standard_D2s_v3
vm6574	Virtual machine	Azure for Students	alpha	South India	Running	Linux	Standard_D2s_v3

The page also includes filters, sorting options, and a "Give feedback" button.

3. And give the connection and select the (ssh using azure cli).

Microsoft Azure portal showing the details of virtual machine vm123456. The page displays the Overview tab with various settings and properties.

**Overview**

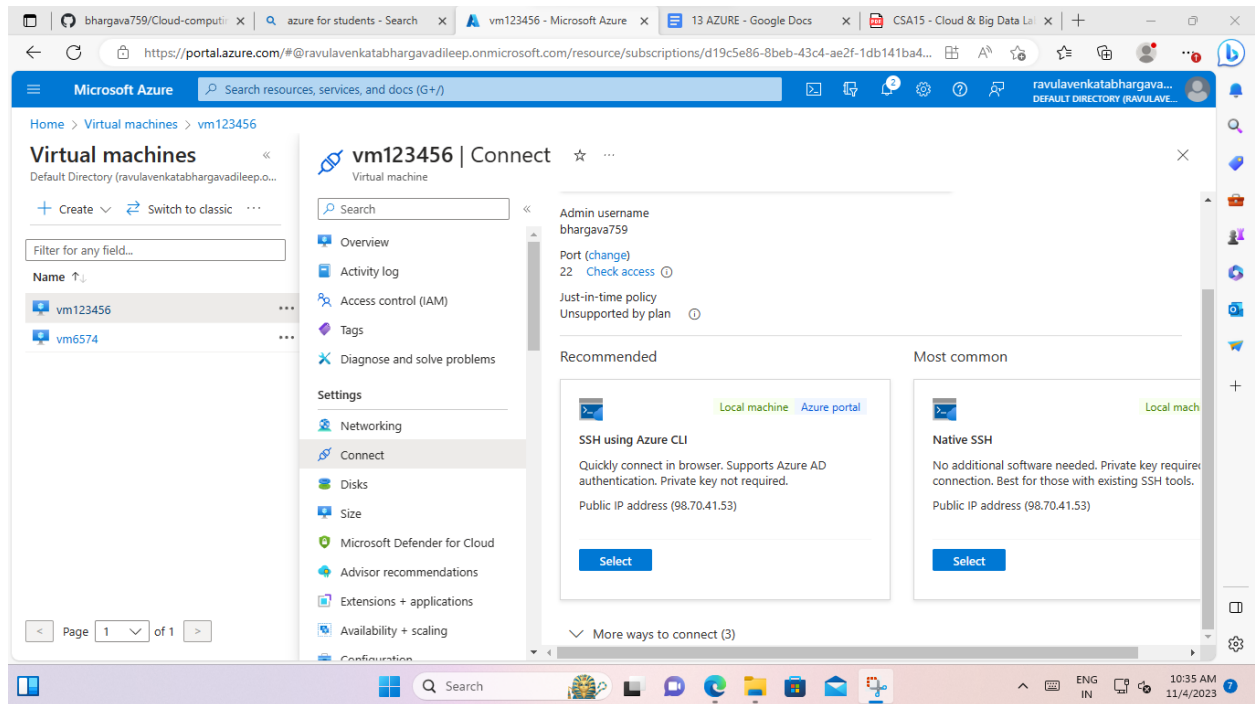
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Settings
  - Networking
  - Connect
  - Disks
  - Size
  - Microsoft Defender for Cloud
  - Advisor recommendations
  - Extensions + applications
  - Availability + scaling

**Essentials**

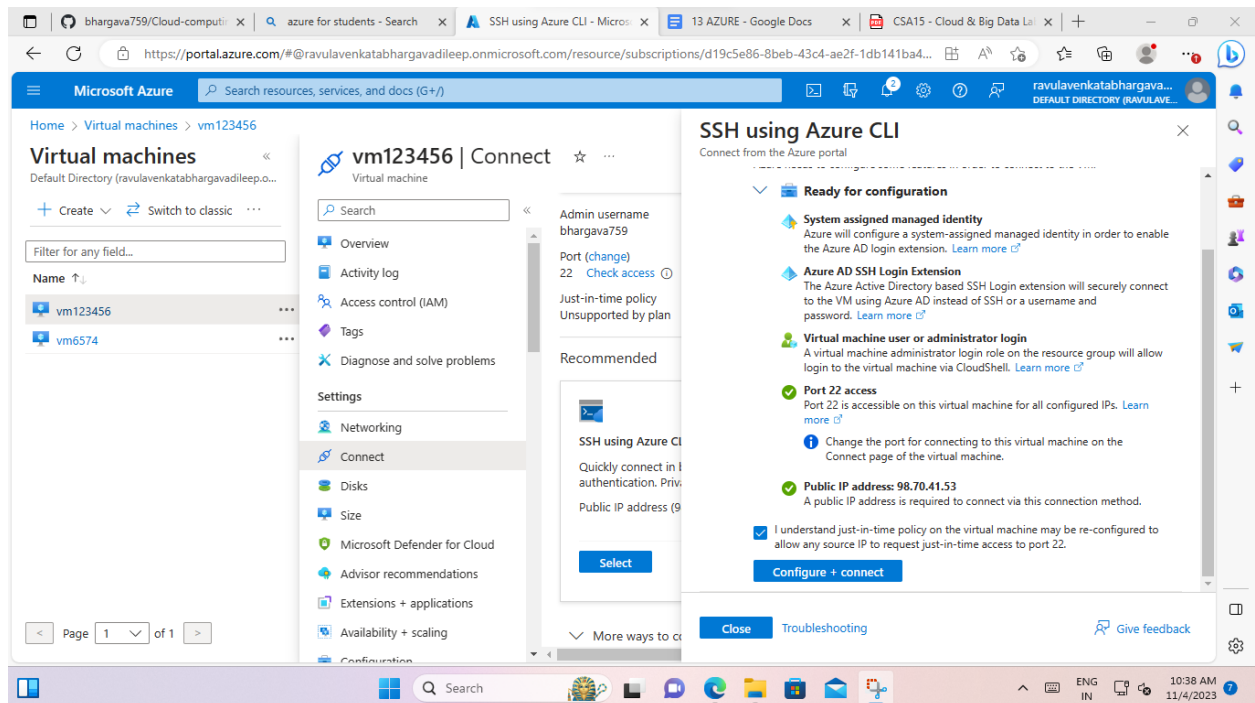
- Resource group: [sigma](#)
- Status: Running
- Location: Central India (Zone 1)
- Subscription: [Azure for Students](#)
- Subscription ID: d19c5e86-8beb-43c4-ae2f-1db141ba46d1
- Availability zone: 1
- Tags: [ubuntu : 57](#), [linux : 89](#), [64 bit : 32](#)

**Properties**

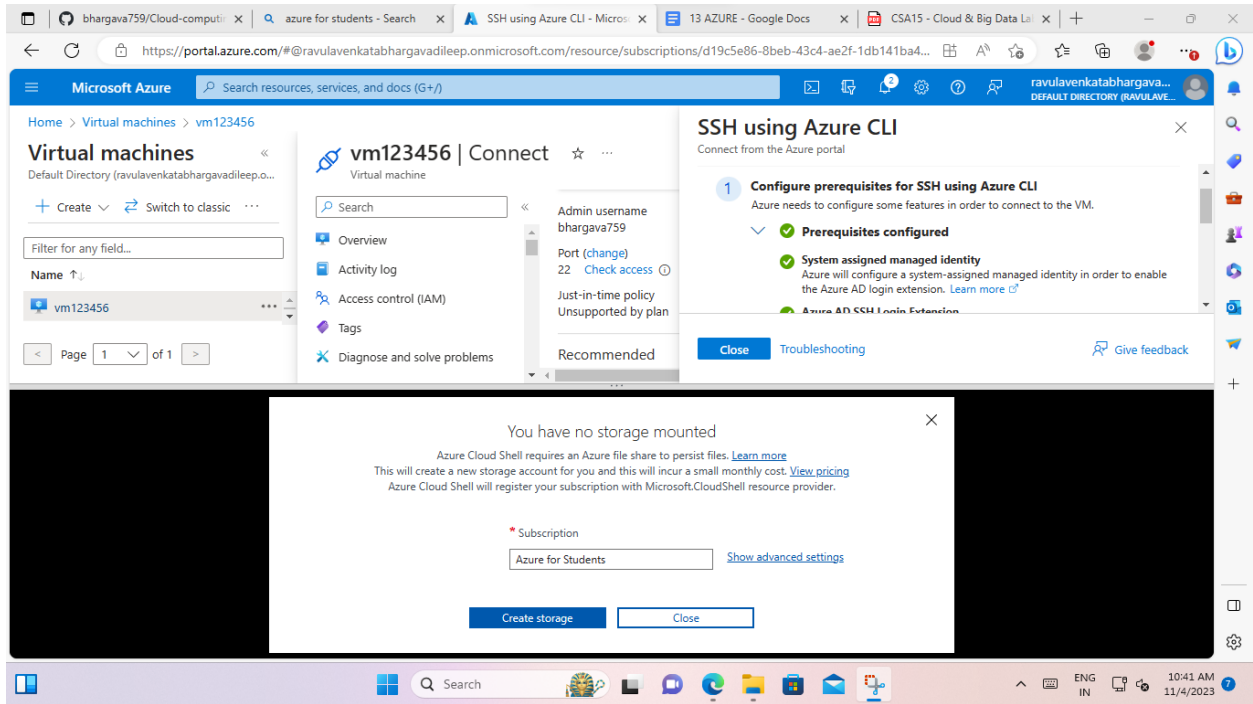
- Operating system: Linux (ubuntu 20.04)
- Size: Standard D2s v3 (2 vcpus, 8 GiB memory)
- Public IP address: [98.70.41.53](#)
- Virtual network/subnet: [vm123456-vnet/default](#)
- DNS name: [Not configured](#)
- Health state: -



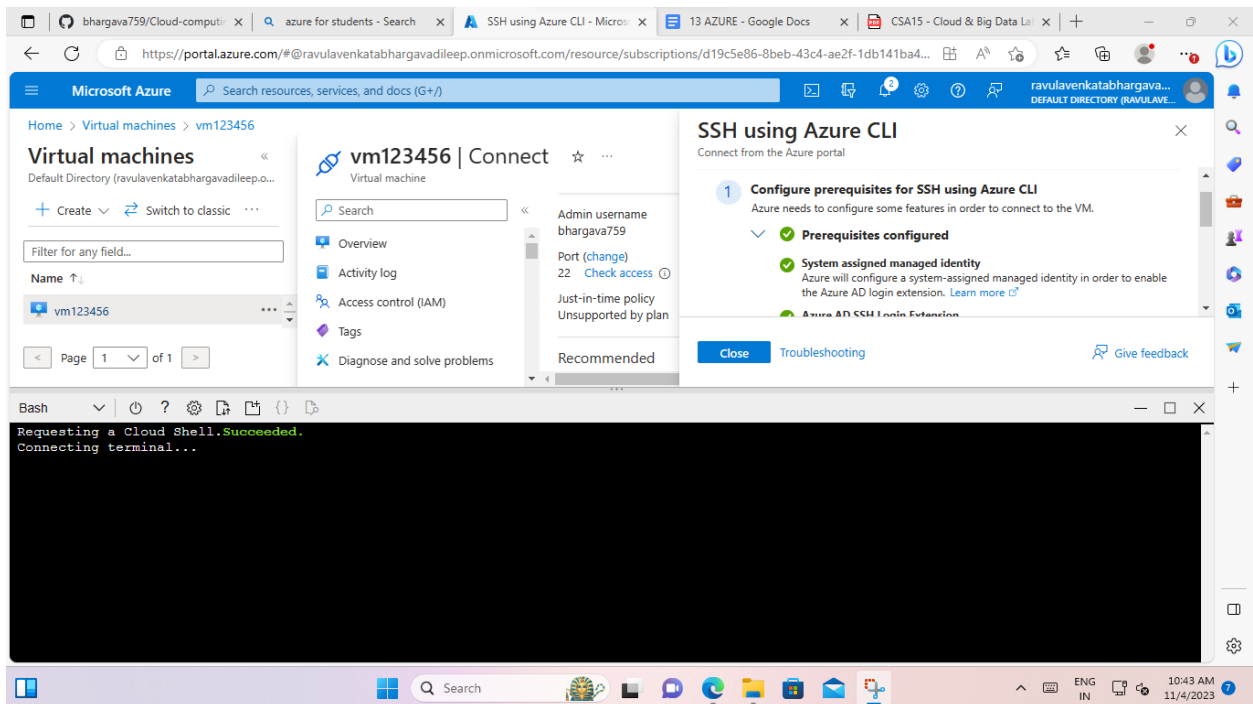
4. And select the (ssh using azure cli). Give the tick mark for understand process.to make sure to configure and connect is option is to tap.



5. And after one bash command prompt is open and to create the storage of that virtual machine.



6. And its shows successful message.



Microsoft Azure portal interface showing the configuration of SSH using Azure CLI for a virtual machine named vm123456.

**Virtual machines**  
Default Directory (ravulavenkatabhargavadileep.o...)

**vm123456 | Connect**  
Virtual machine

**SSH using Azure CLI**  
Connect from the Azure portal

**1 Configure prerequisites for SSH using Azure CLI**  
Azure needs to configure some features in order to connect to the VM.

- ✓ **Prerequisites configured**
- ✓ **System assigned managed identity**  
Azure will configure a system-assigned managed identity in order to enable the Azure AD login extension. [Learn more](#)
- ✓ **Azure AD SSH Login Extension**

**Bash**

```
See "man sudo_root" for details.
ravulavenkatabhargavadileep0452.sse@saveetha.com@vm123456:~$ mkdir origin
ravulavenkatabhargavadileep0452.sse@saveetha.com@vm123456:~$ ls
origin
ravulavenkatabhargavadileep0452.sse@saveetha.com@vm123456:~$ chdir origin azure
Command 'chdir' not found, did you mean:
  command 'cdirc' from deb cdtool (2.1.8-release-7)
  command 'hdir' from deb hfsutils (3.2.6-14)
Try: sudo apt install <deb name>
ravulavenkatabhargavadileep0452.sse@saveetha.com@vm123456:~$
```