

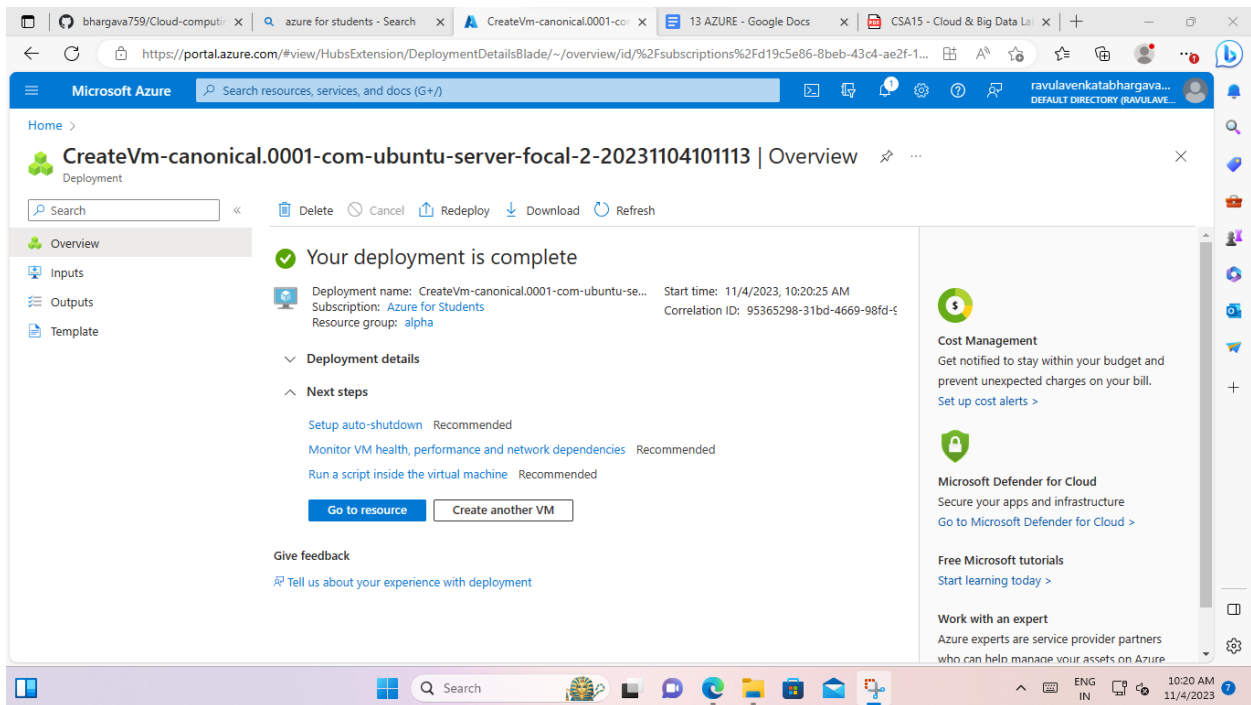
CLOUD COMPUTING DAY-3 QUESTIONS

USING AZURE

14. Demonstrate Infrastructure as a Service (IaaS) by establishing the remote connection, launch the created VM image and run in your desktop.

Procedure:

1. After creating the one virtual machines.



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

Microsoft Azure portal showing a list of Virtual machines. The table displays two VMs:

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

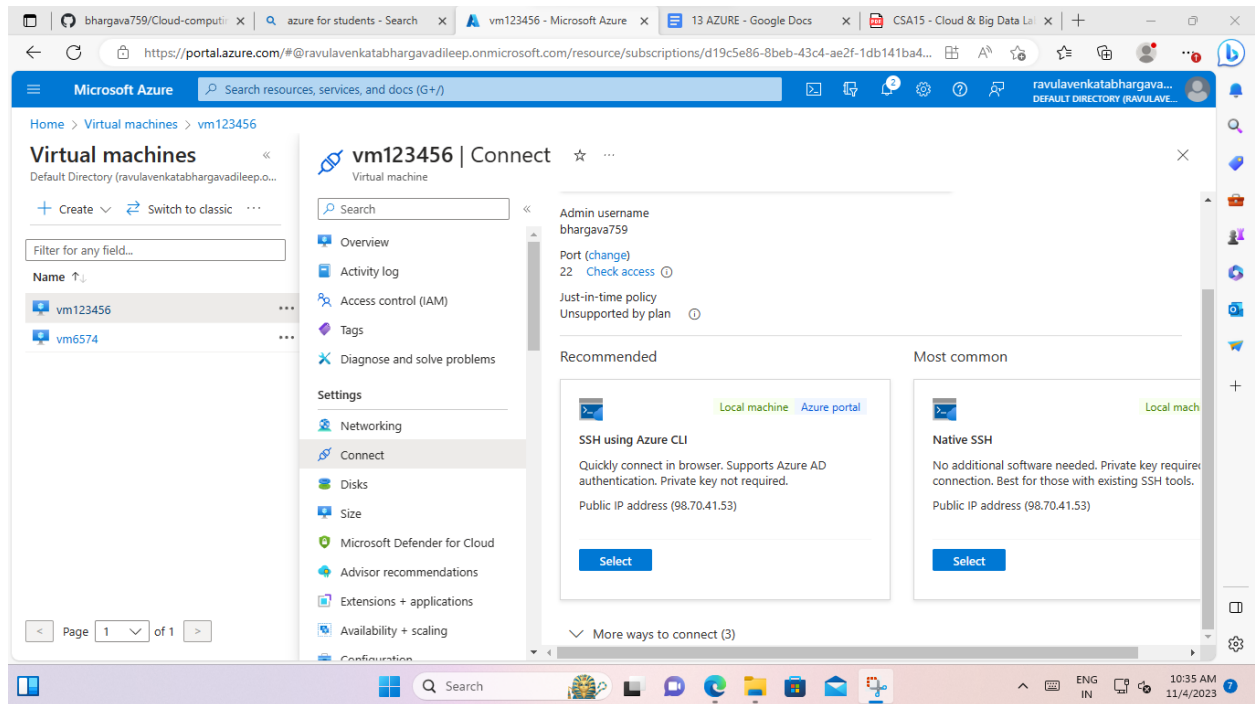
3. And give the connection and select the (ssh using azure cli).

Microsoft Azure portal showing the details of the virtual machine 'vm123456'. The 'Essentials' section displays the following information:

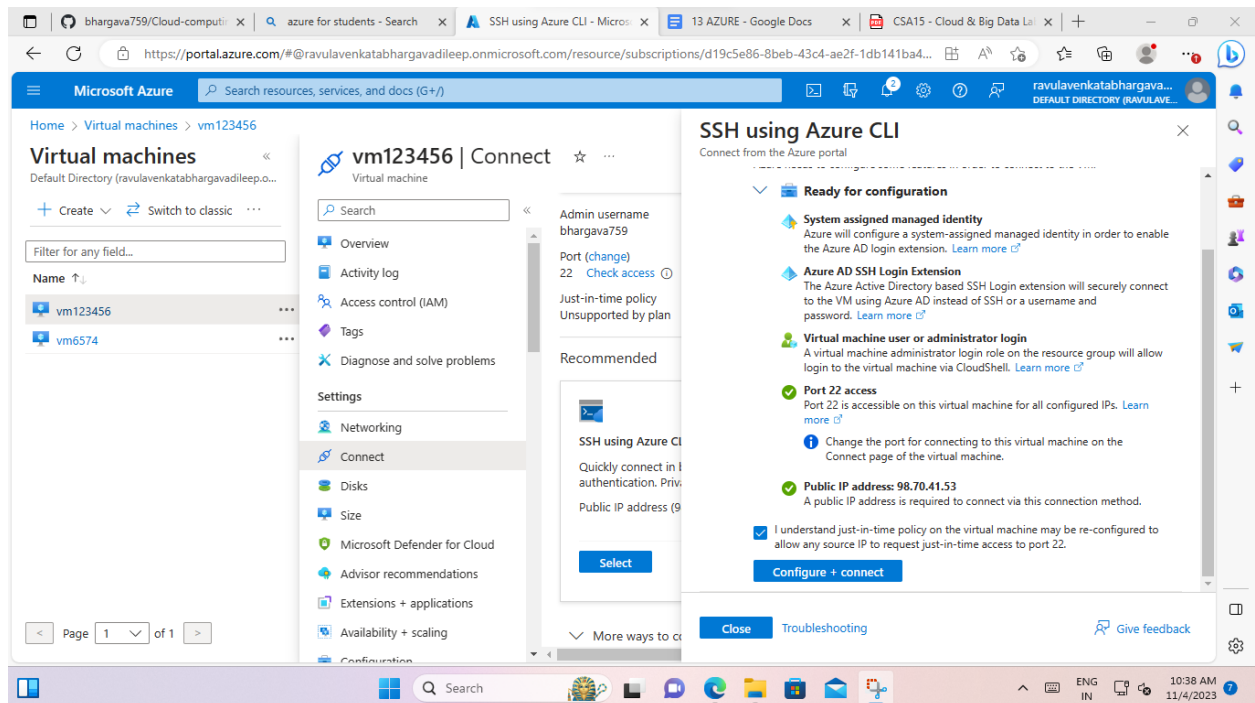
- Resource group: [sigma](#)
- Status: Running
- Location: Central India (Zone 1)
- Subscription: [Azure for Students](#)
- Subscription ID: d19c5e86-8beb-43c4-ae2f-1db141ba46d1
- Availability zone: 1
- Operating system: Linux (ubuntu 20.04)
- Size: Standard D2s v3 (2 vcpus, 8 GiB memory)
- Public IP address: [98.70.41.53](#)
- Virtual network/subnet: [vm123456-vnet/default](#)
- DNS name: [Not configured](#)
- Health state: -

The 'Tags' section shows:

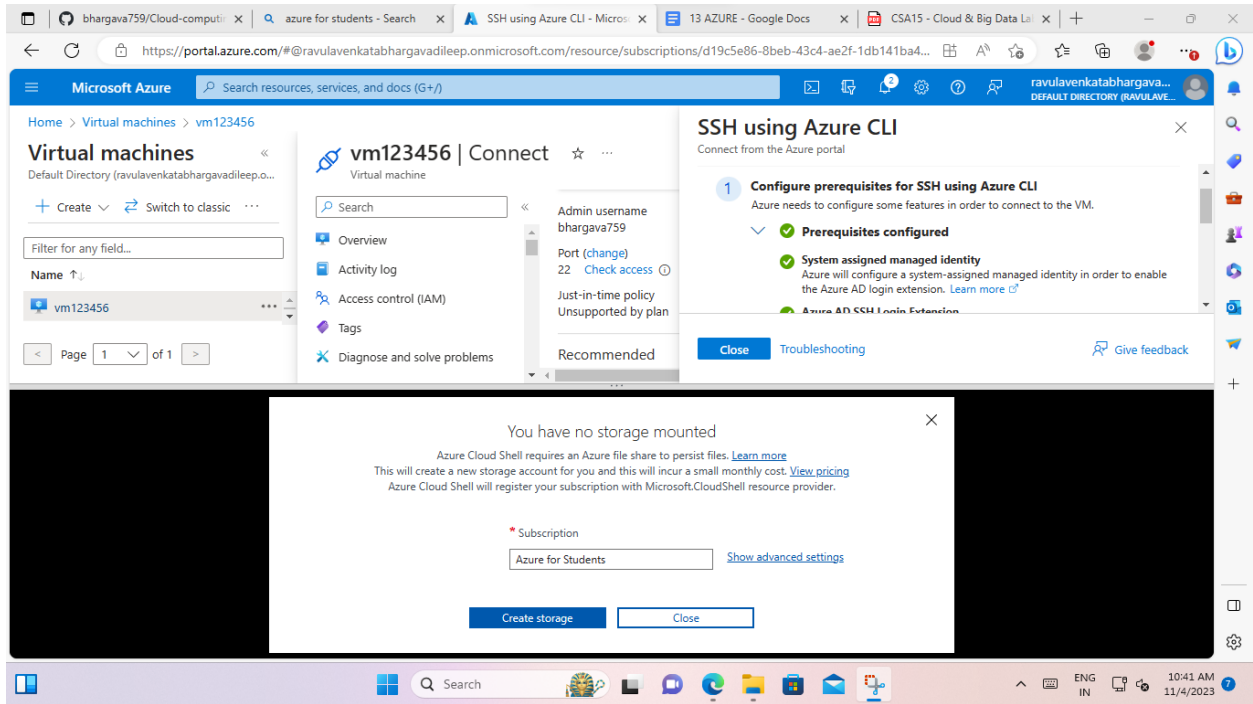
- ubuntu : 57
- linux : 89
- 64 bit : 32



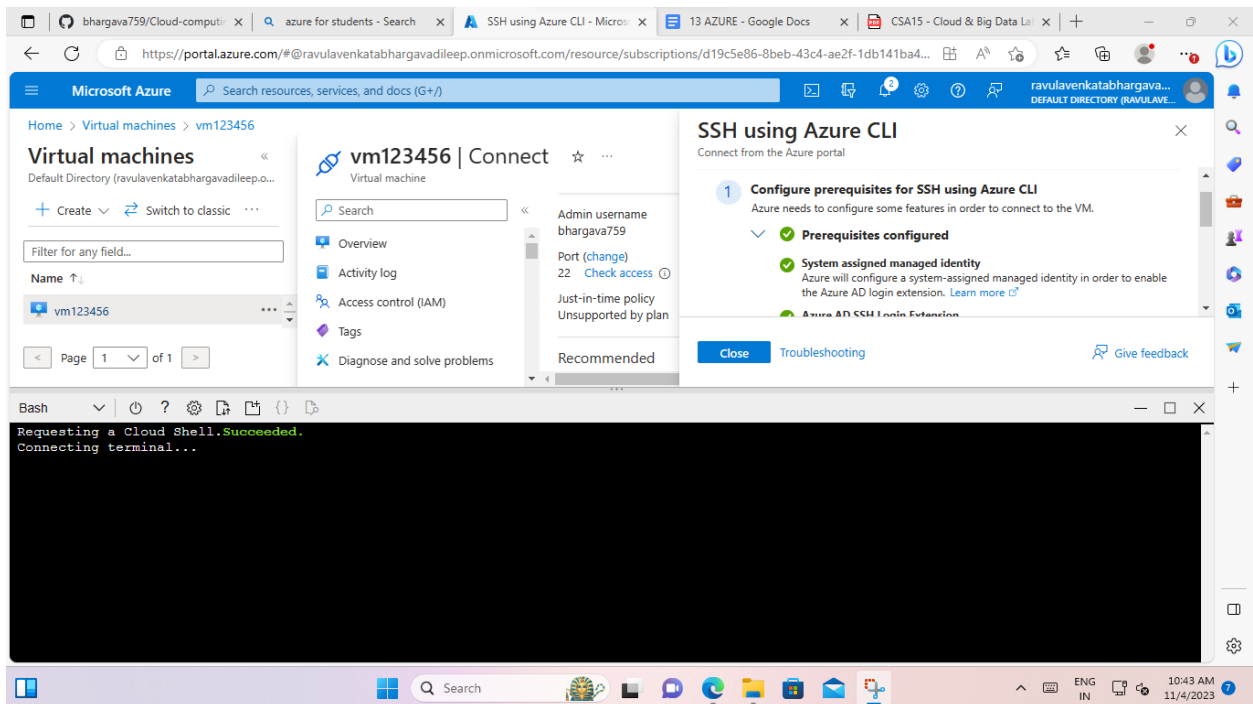
4. And select the (ssh using azure cli). Give the tick mark for understand process.to make sure to configure and connect is option is to tap.



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:~$
```

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