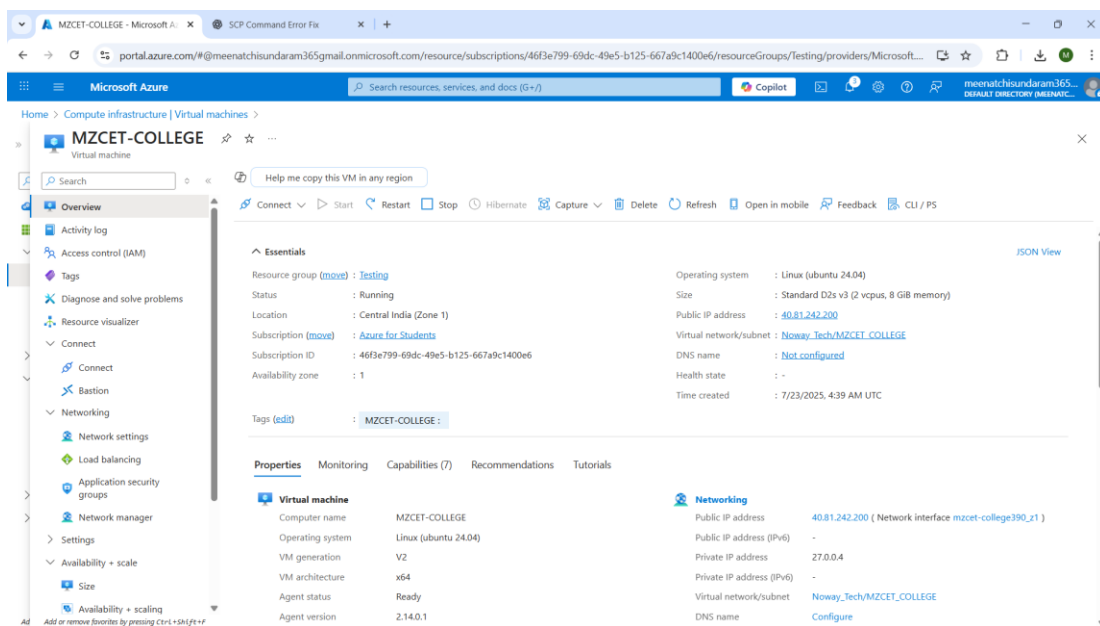


Share files or folders between two Azure VMs

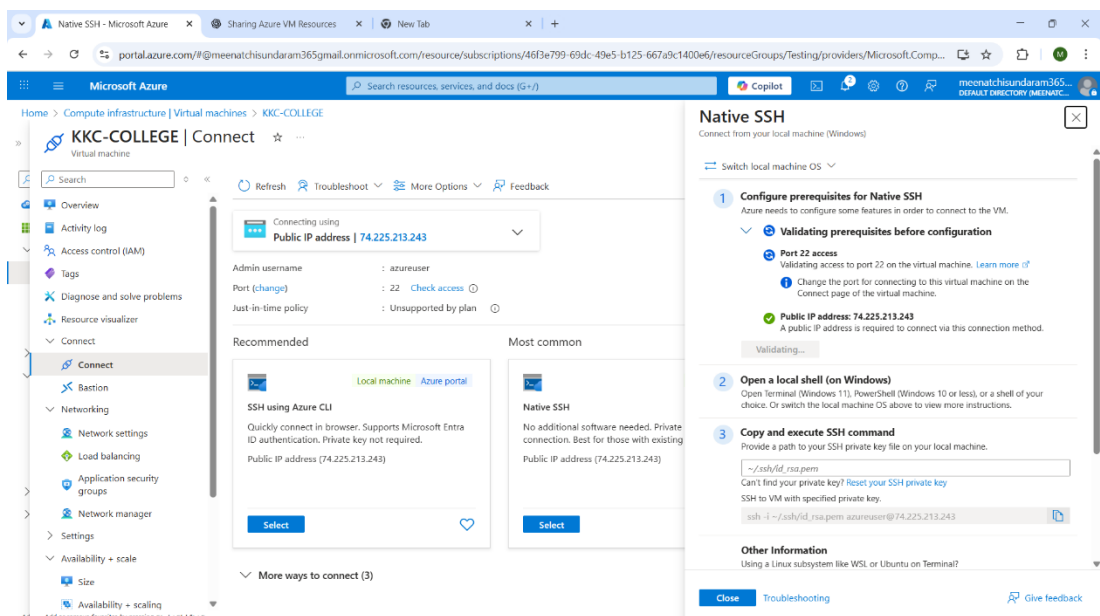
OBJECTIVE :

To securely copy a directory named **STUDENTS_ATTENDENCE** from the source VM **MZCET-COLLEGE** to the destination VM **KKC-COLLEGE**, both hosted on Microsoft Azure, using a local Windows machine as an intermediate.

STEP 1 : CREATING THE VM MZCET-COLLEGE

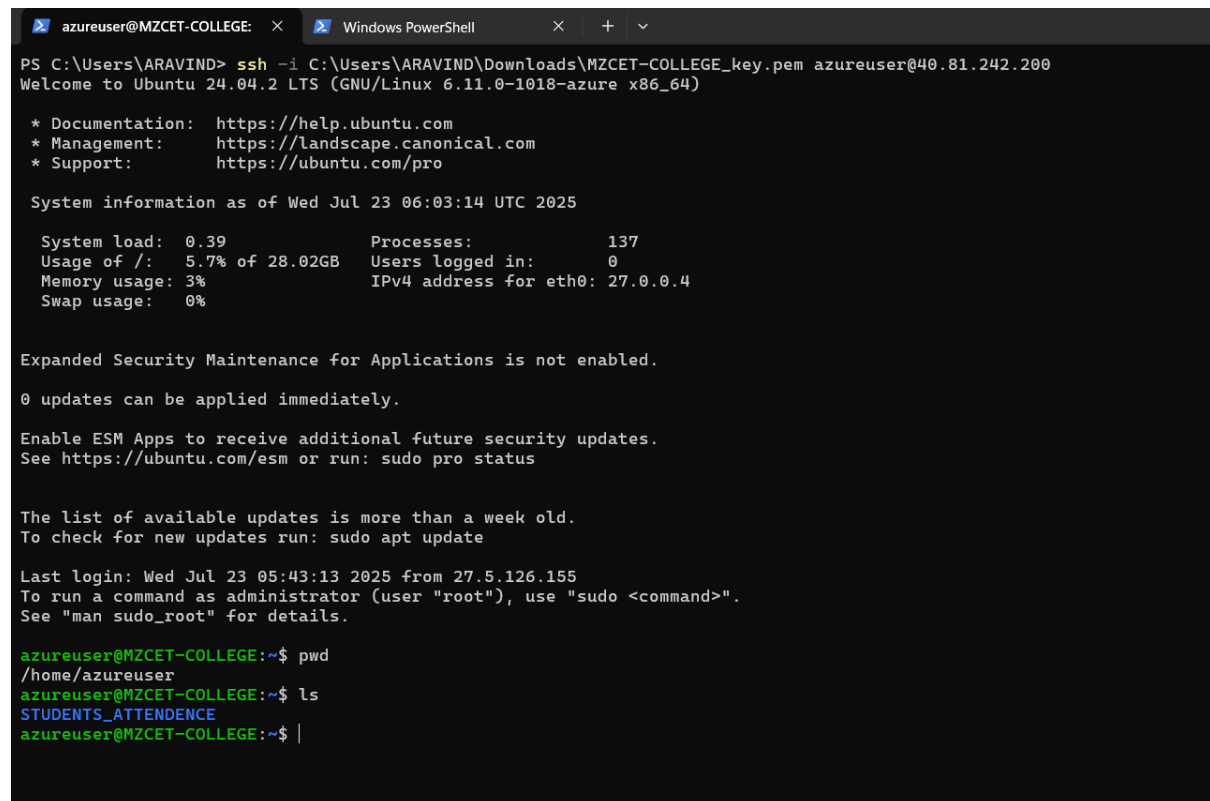


STEP 2 : Connect the VM MZCET-COLLEGE through the SSH key



STEP 3 :

Upon successful SSH login to the MZCET-COLLEGE virtual machine, the terminal displays the home directory of the azureuser. Within this directory, a subdirectory named STUDENT_ATTENDENCE is present, which contains the files intended for transfer.



```
PS C:\Users\ARAVIND> ssh -i C:\Users\ARAVIND\Downloads\MZCET-COLLEGE_key.pem azureuser@40.81.242.200
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.11.0-1018-azure x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Wed Jul 23 06:03:14 UTC 2025

System load:  0.39           Processes:           137
Usage of /:   5.7% of 28.02GB Users logged in:          0
Memory usage: 3%            IPv4 address for eth0: 27.0.0.4
Swap usage:   0%

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Last login: Wed Jul 23 05:43:13 2025 from 27.5.126.155
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

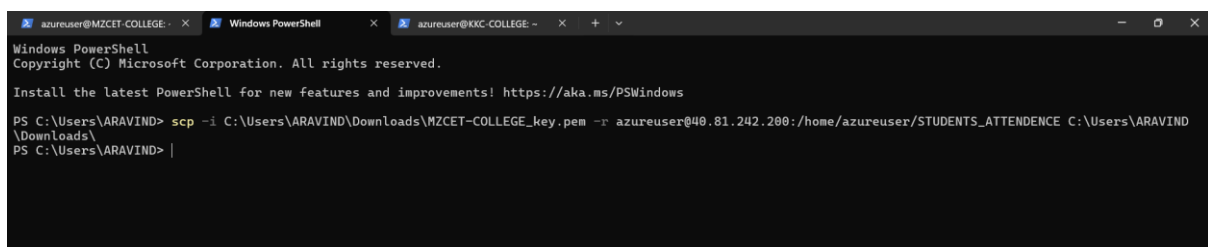
azureuser@MZCET-COLLEGE:~$ pwd
/home/azureuser
azureuser@MZCET-COLLEGE:~$ ls
STUDENTS_ATTENDENCE
azureuser@MZCET-COLLEGE:~$ |
```

STEP 4 :

Copy Directory from MZCET-COLLEGE VM to Local Machine. Directly copy from one remote VM (MZCET) directly **to another remote VM (KKC)** using scp is not possible.

Use Local Machine as Middle Step

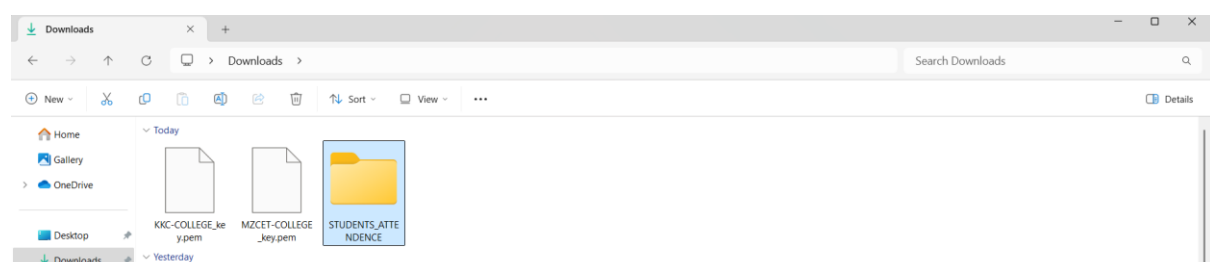
COMMANDS – `scp -i C:\Users\ARAVIND\Downloads\MZCET-COLLEGE_key.pem -r azureuser@40.81.242.200:/home/azureuser/STUDENTS_ATTENDENCE C:\Users\ARAVIND\Downloads\`



```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

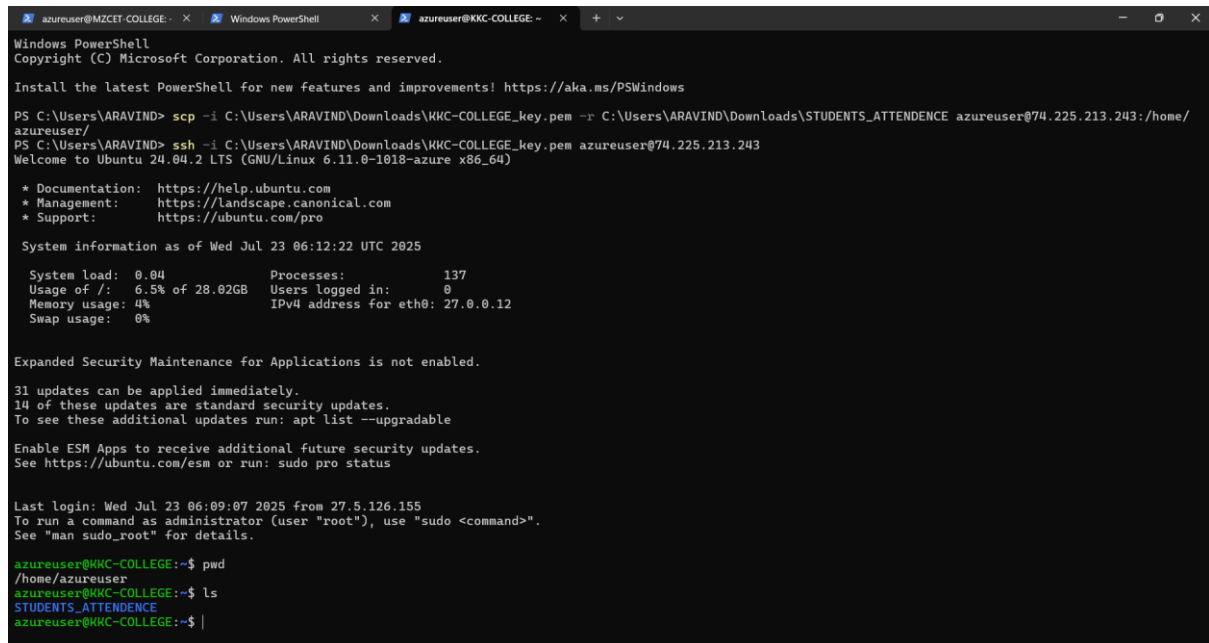
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\ARAVIND> scp -i C:\Users\ARAVIND\Downloads\MZCET-COLLEGE_key.pem -r azureuser@40.81.242.200:/home/azureuser/STUDENTS_ATTENDENCE C:\Users\ARAVIND\Downloads\
PS C:\Users\ARAVIND> |
```



STEP 5: Copy Folder from Local Machine to KKC-COLLEGE

COMMAND = `scp -i C:\Users\ARAVIND\Downloads\KKC-COLLEGE_key.pem -r C:\Users\ARAVIND\Downloads\STUDENTS_ATTENDENCE azureuser@74.225.213.243:/home/azureuser/`



```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\ARAVIND> scp -i C:\Users\ARAVIND\Downloads\KKC-COLLEGE_key.pem -r C:\Users\ARAVIND\Downloads\STUDENTS_ATTENDENCE azureuser@74.225.213.243:/home/
azureuser/
PS C:\Users\ARAVIND> ssh -i C:\Users\ARAVIND\Downloads\KKC-COLLEGE_key.pem azureuser@74.225.213.243
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.11.0-1018-azure x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Wed Jul 23 06:12:22 UTC 2025

System load:  0.04          Processes:           137
Usage of /:   6.5% of 28.02GB Users logged in:       0
Memory usage: 4%          IPv4 address for eth0: 27.0.0.12
Swap usage:   0%

Expanded Security Maintenance for Applications is not enabled.

31 updates can be applied immediately.
14 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

Last login: Wed Jul 23 06:09:07 2025 from 27.5.126.155
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

azureuser@KKC-COLLEGE:~$ pwd
/home/azureuser
azureuser@KKC-COLLEGE:~$ ls
STUDENTS_ATTENDENCE
azureuser@KKC-COLLEGE:~$ |
```