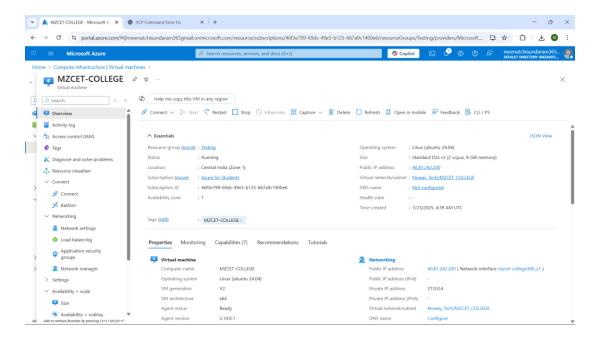
## Share files or folders between two Azure VMs

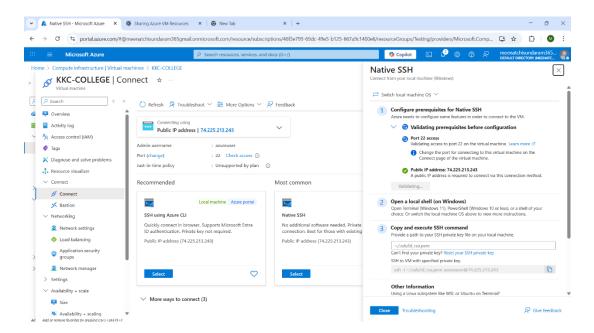
## **OBJECTIVE:**

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.

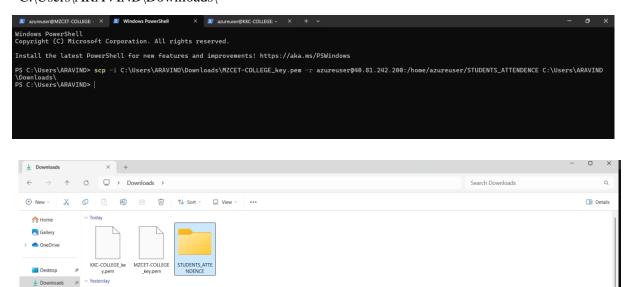
```
PS C:\Users\ARAVIND> ssh -i C:\Users\ARAVIND\Downloads\MZCET-COLLEGE_key.pem azureuser@40.81.242.200
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.11.0-1018-azure x86_64)
   Documentation: https://help.ubuntu.com
Management: https://landscape.canonical.com
Support: https://ubuntu.com/pro
 System information as of Wed Jul 23 06:03:14 UTC 2025
  System load: 0.39
Usage of /: 5.7% of 28.02GB
Memory usage: 3%
                                                                                   137
                                                Users logged in: 0
IPv4 address for eth0: 27.0.0.4
   Swap usage:
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
 zureuser@MZCET-COLLEGE:~$ ls
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\



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

 $\label{local_command} \textbf{COMMAND} = \text{scp -i C:} \\ \textbf{C:} \\ \textbf{VIND:} \\ \textbf{Downloads:} \\ \textbf{STUDENTS\_ATTENDENCE} \\$ 

azureuser@74.225.213.243:/home/azureuser/

