



IT4090
Cloud Computing
4th Year, 1st Semester

<Azure Lab 02>

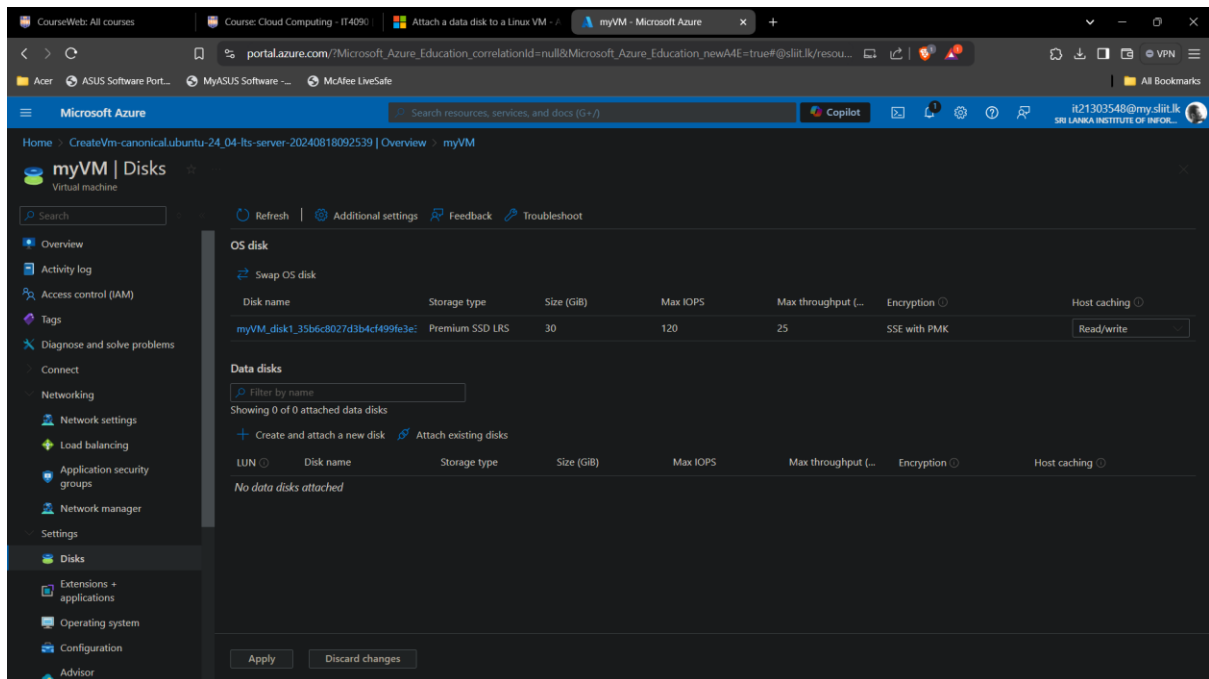
**Use the portal to attach a data disk to a
Linux VM**

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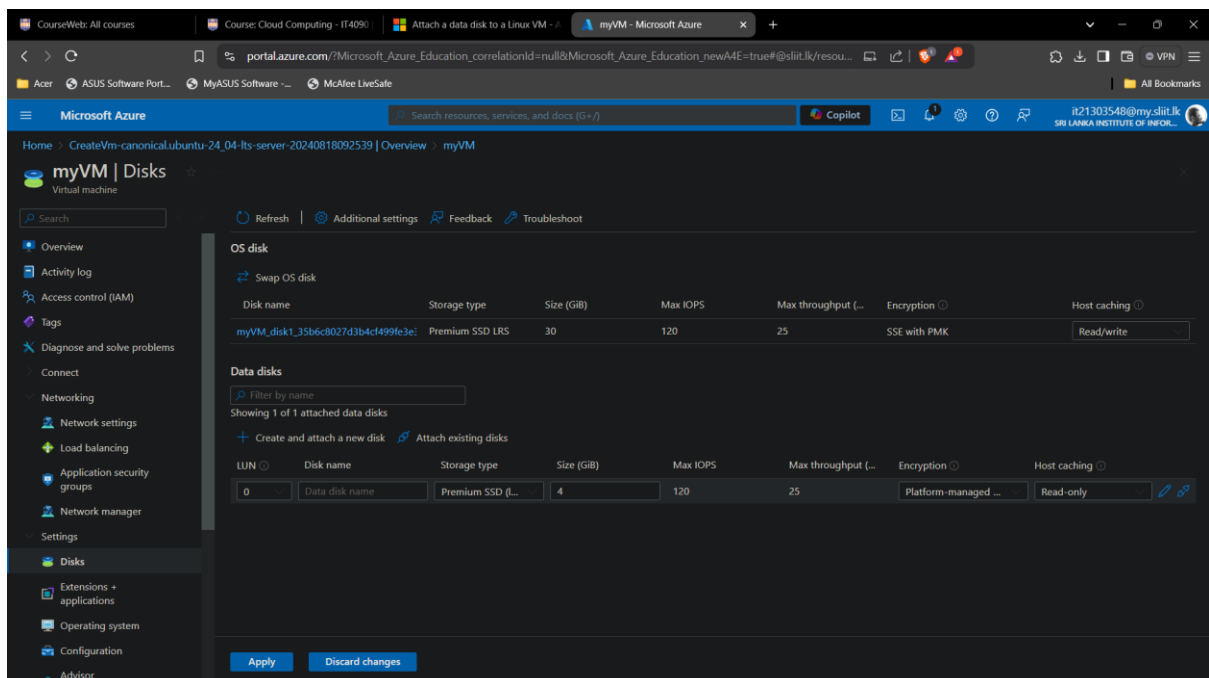
Submitted to
Sri Lanka Institute of Information Technology
In partial fulfillment of the requirements for the
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<8.18.2024>

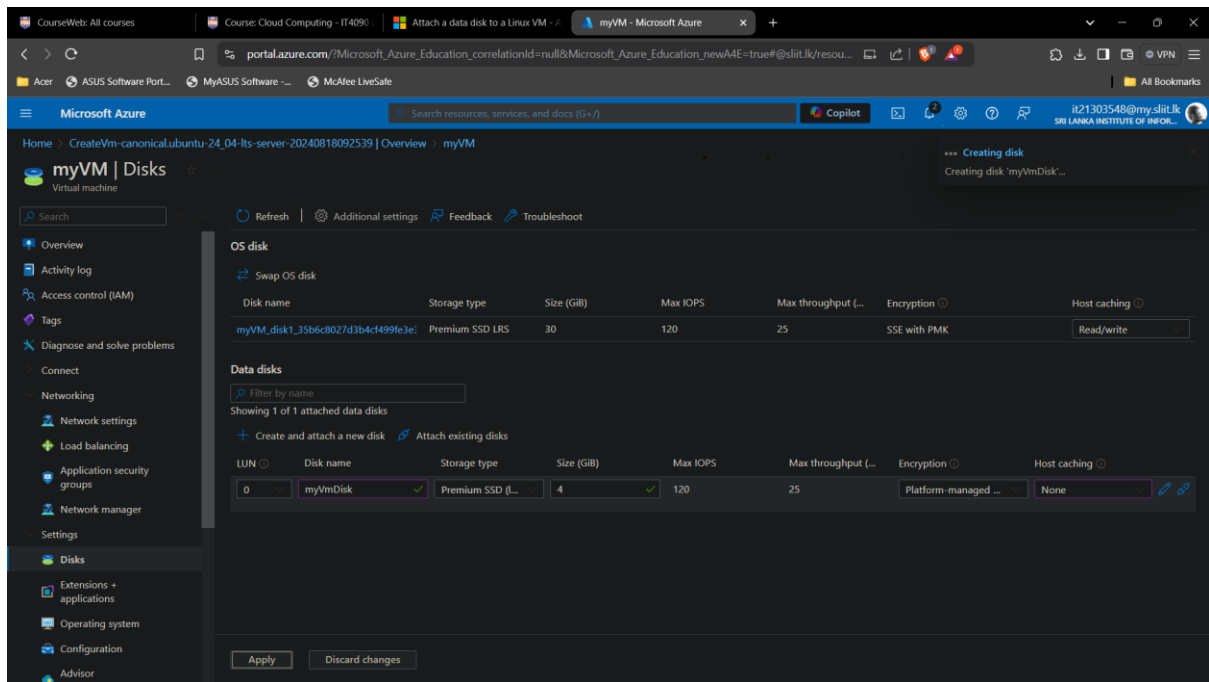
Attach a new disk



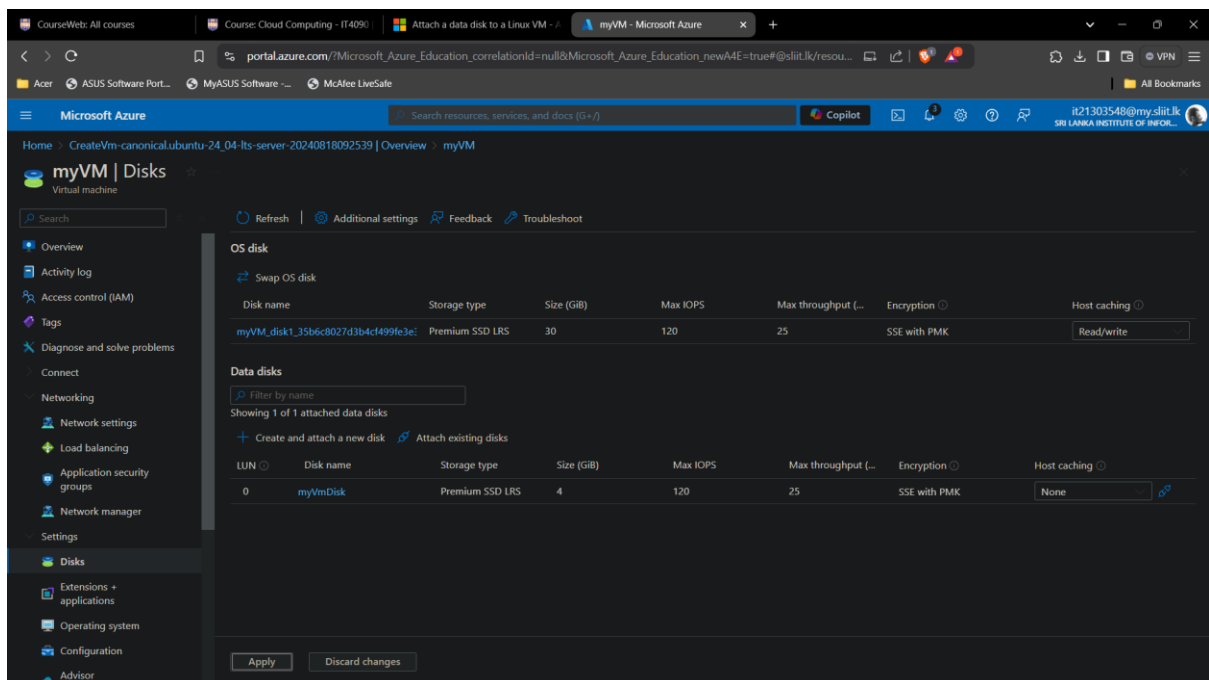
01) Disks Interface



02) Add Disk 001



03) Add Disk name and Host caching and click apply



04) After interface

```
azureuser@myVM: - x + v
Microsoft Windows [Version 10.0.22631.3958]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ASUS>ssh -i ~/Downloads/myKey.pem azureuser@52.169.42.145
Welcome to Ubuntu 24.04 LTS (GNU/Linux 6.8.0-1012-azure x86_64)

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

System information as of Sun Aug 18 04:14:01 UTC 2024

System load:  0.1          Processes:      119
Usage of /:   5.0% of 28.02GB Users logged in:   0
Memory usage: 3%          IPv4 address for eth0: 10.0.0.4
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

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

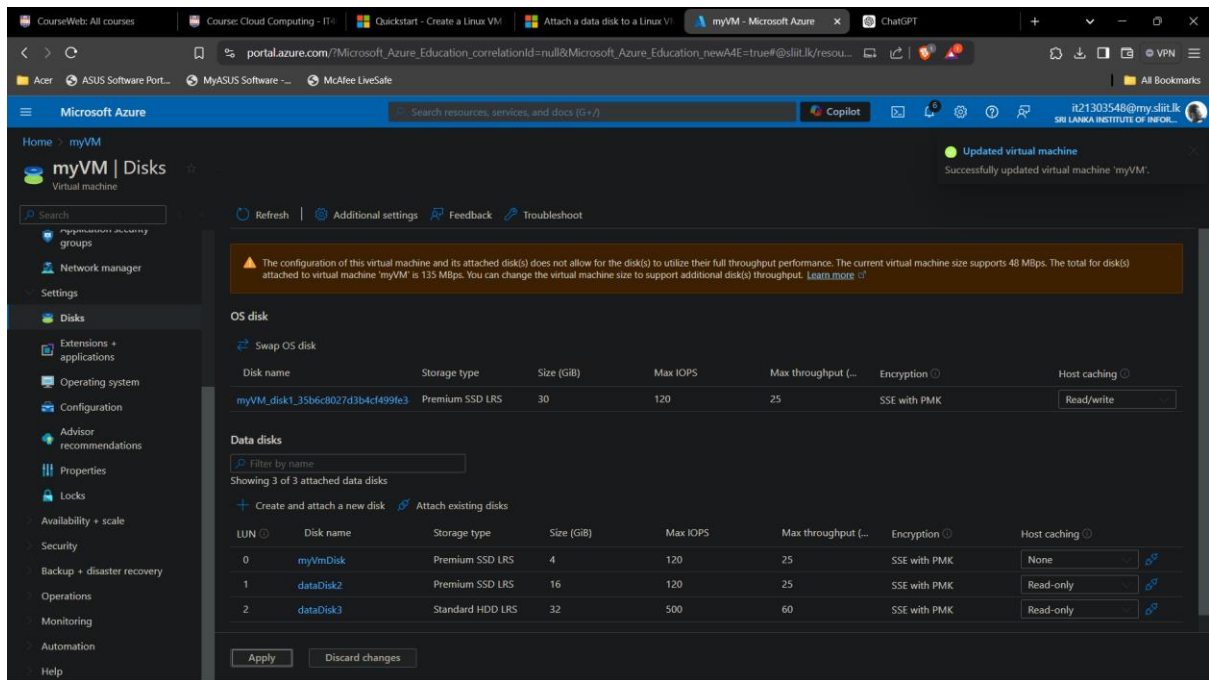
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

azureuser@myVM:~$ |
```

05) Open cmd and connect with public ip address

```
azureuser@myVM:~$ lsblk -o NAME,HCTL,SIZE,MOUNTPOINT | grep -i "sd"
sda      0:0:0:0      30G
├─sda1    29G /
├─sda14   4M
├─sda15   106M /boot/efi
└─sda16   913M /boot
sdb      0:0:0:1      16G
└─sdb1    16G /mnt
sdc      1:0:0:0      4G
azureuser@myVM:~$ |
```

06) attach VM disk details



07) Add another 2 disks

```
azureuser@myVM:~$ lsblk -o NAME,HCTL,SIZE,MOUNTPOINT | grep -i "sd"
sda      0:0:0:0       30G
├─sda1    0:0:0:1       29G /
├─sda14   0:0:0:2       4M
├─sda15   0:0:0:3     106M /boot/efi
└─sda16   0:0:0:4     913M /boot
sdb      0:0:0:1       16G
└─sdb1    0:0:0:1       16G /mnt
sdc      1:0:0:0       4G
azureuser@myVM:~$ lsblk -o NAME,HCTL,SIZE,MOUNTPOINT | grep -i "sd"
sda      0:0:0:0       30G
├─sda1    0:0:0:1       29G /
├─sda14   0:0:0:2       4M
├─sda15   0:0:0:3     106M /boot/efi
└─sda16   0:0:0:4     913M /boot
sdb      0:0:0:1       16G
└─sdb1    0:0:0:1       16G /mnt
sdc      1:0:0:0       4G
sdd      1:0:0:1       16G
sde      1:0:0:2       32G
azureuser@myVM:~$
```

08) This three disk details