Creating a new virtual hard disk for VirtualBox

Practical Class 6-b

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- Attaching new disk
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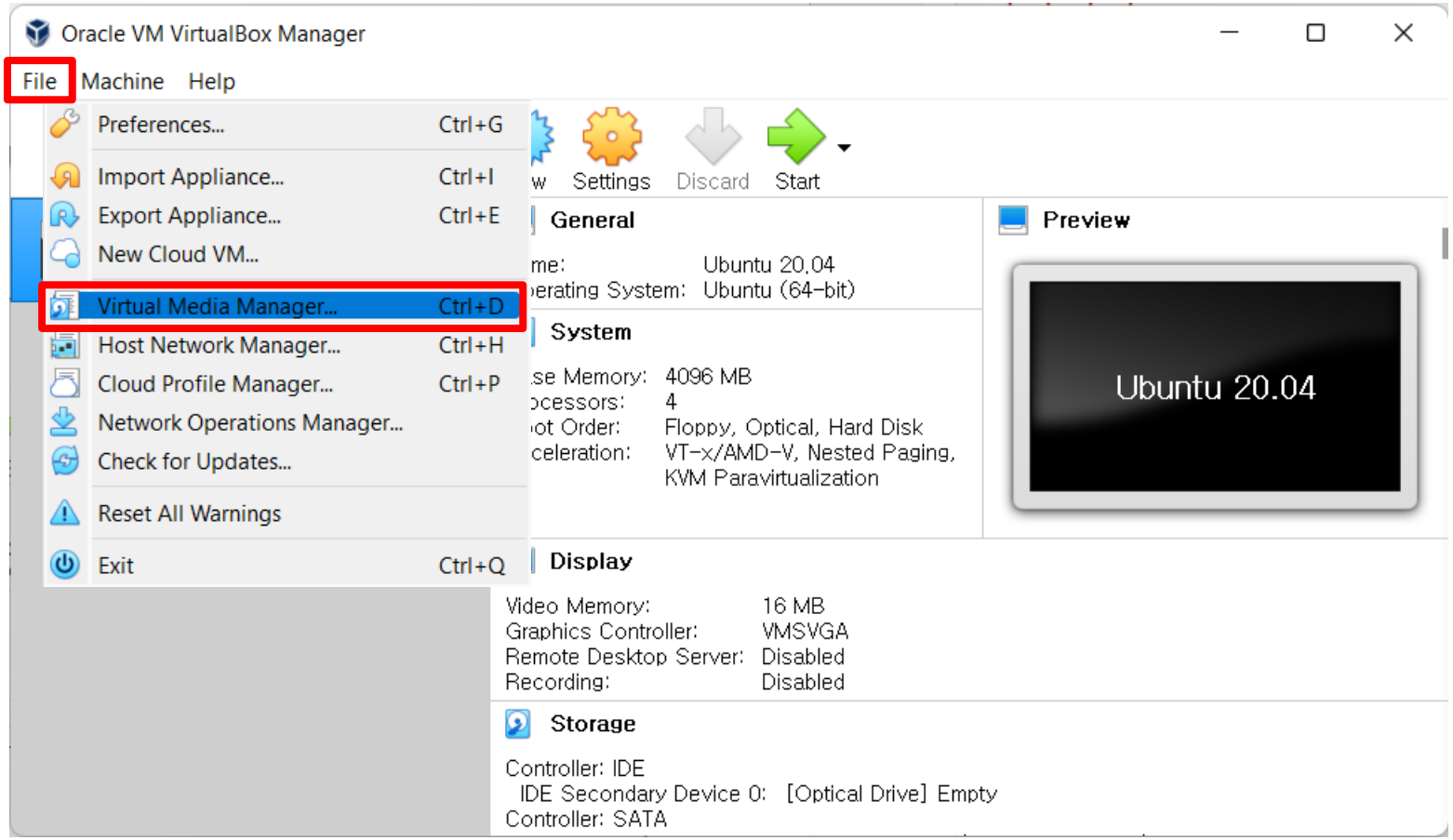
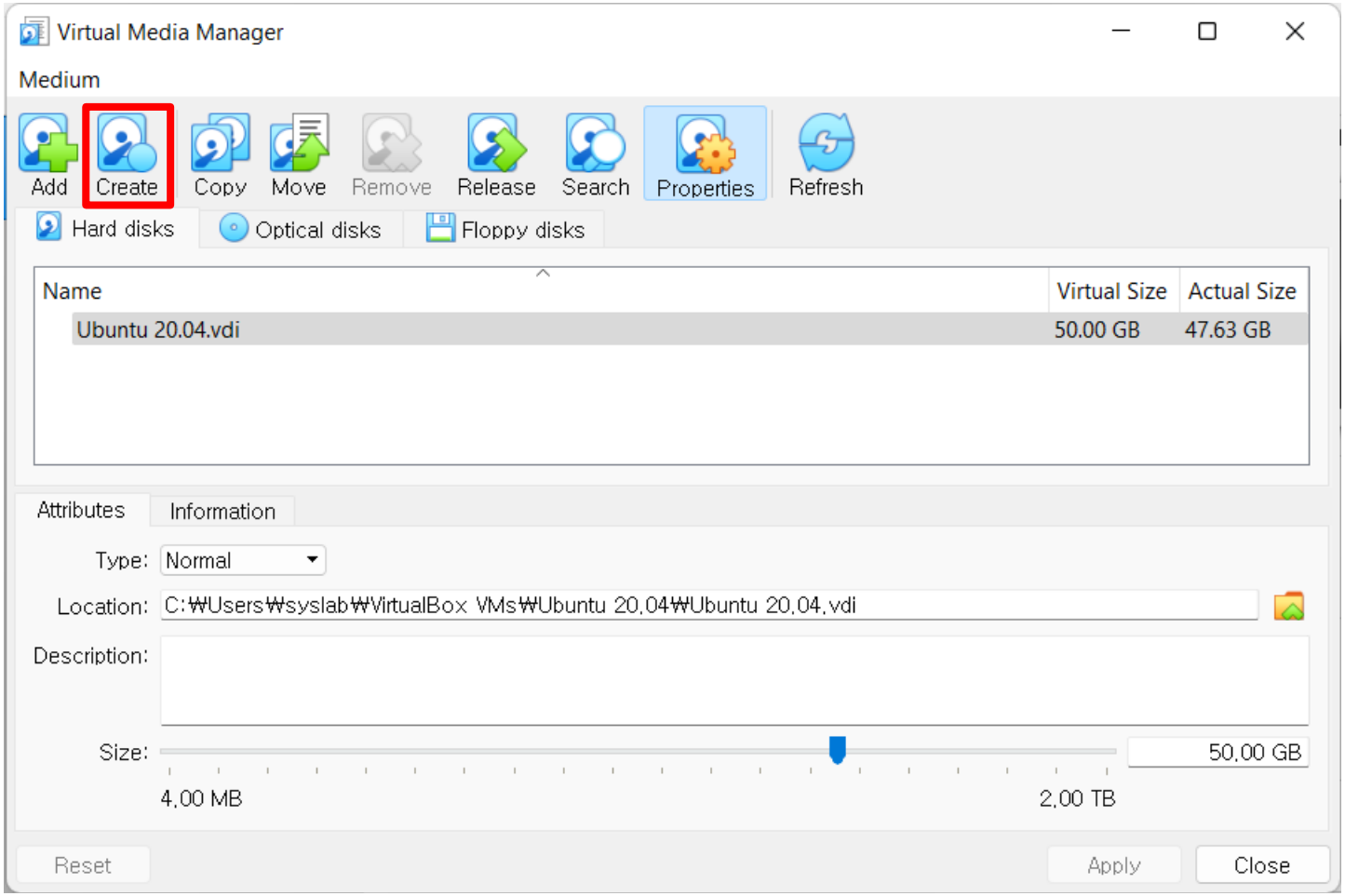
Creating a new virtual hard disk

- Before we proceed, make sure your machine is turned off
- File → Virtual Media Manager



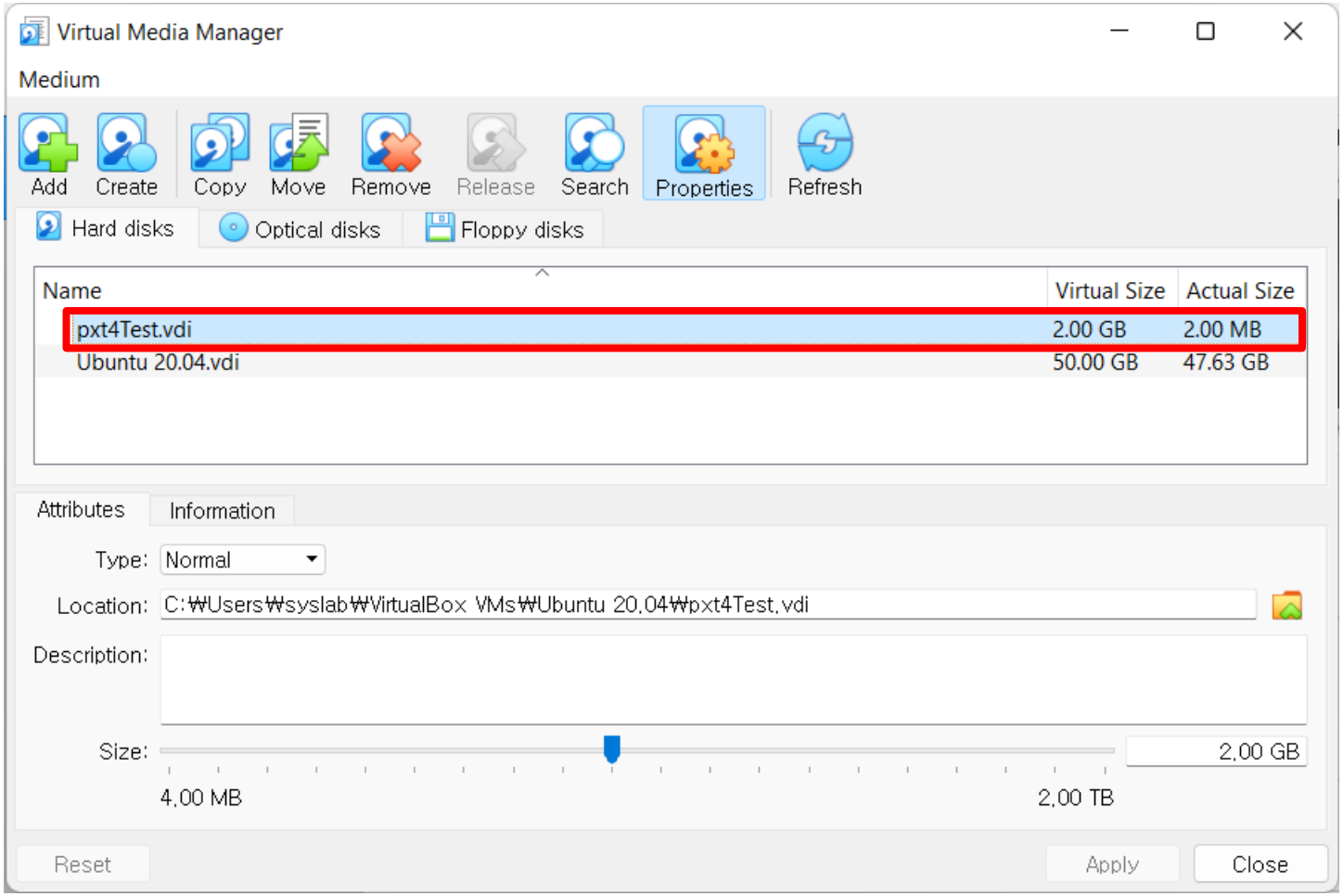
Creating a new virtual hard disk

- Click ‘Create’ button and make a new disk



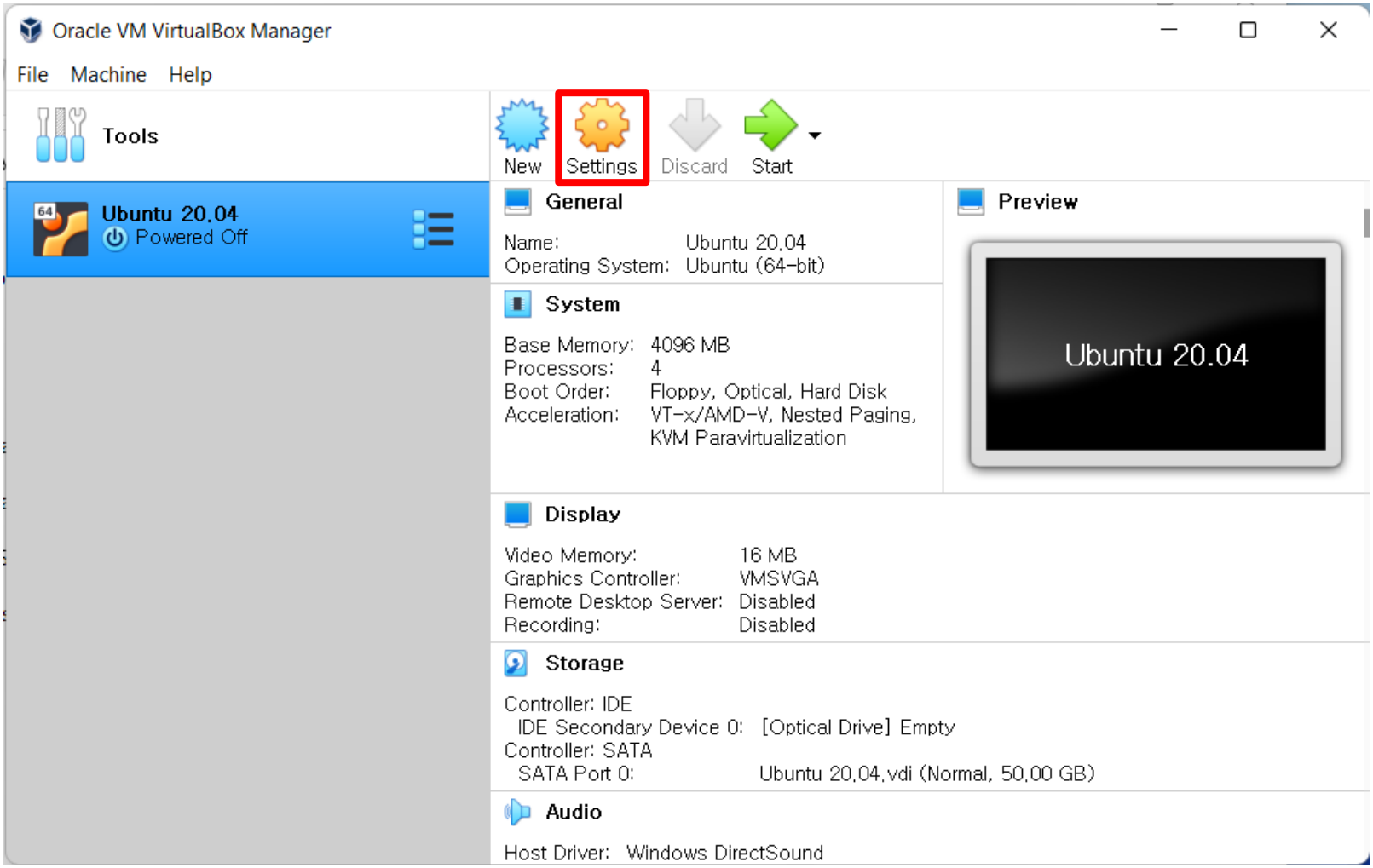
Creating a new virtual hard disk

❖ Result



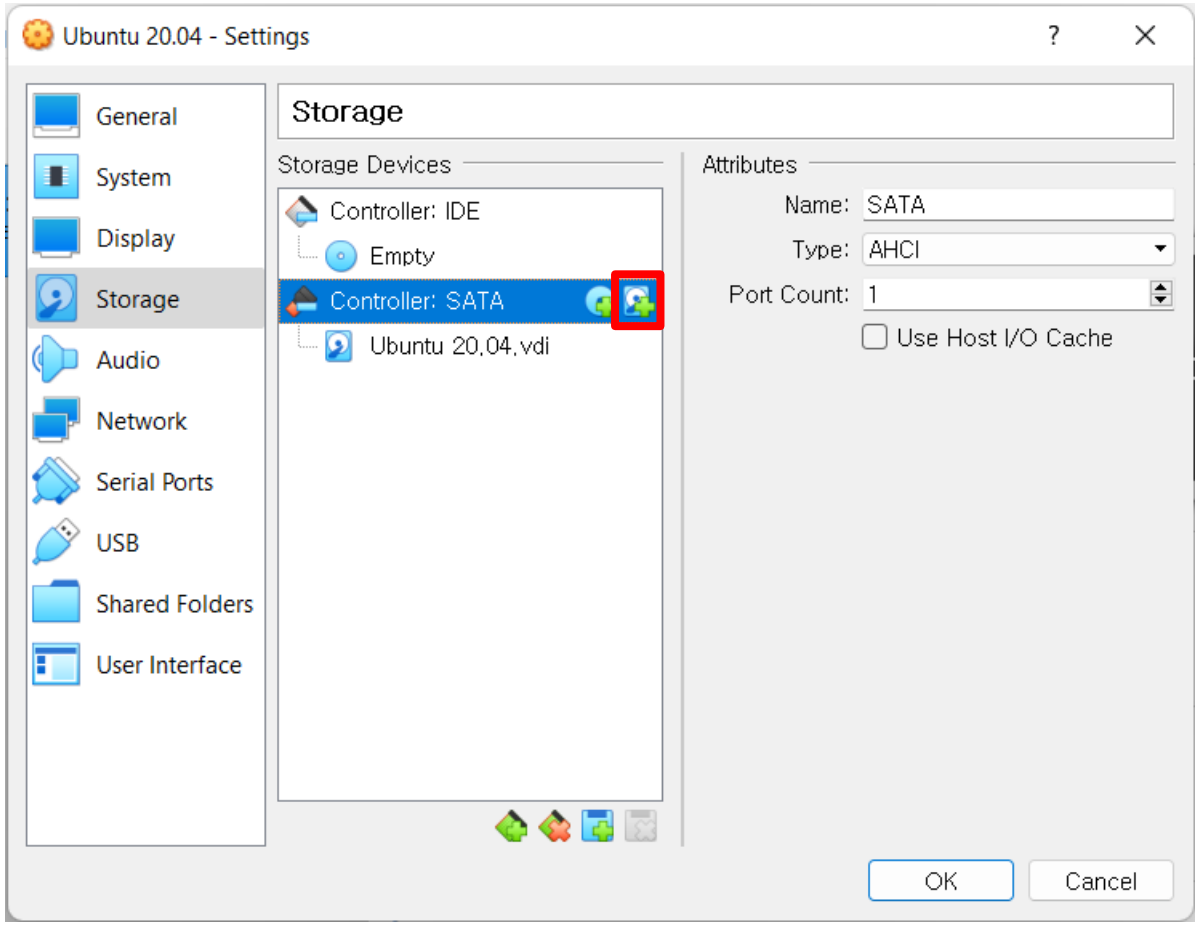
Attaching new disk

- Click VM ‘Settings’ button



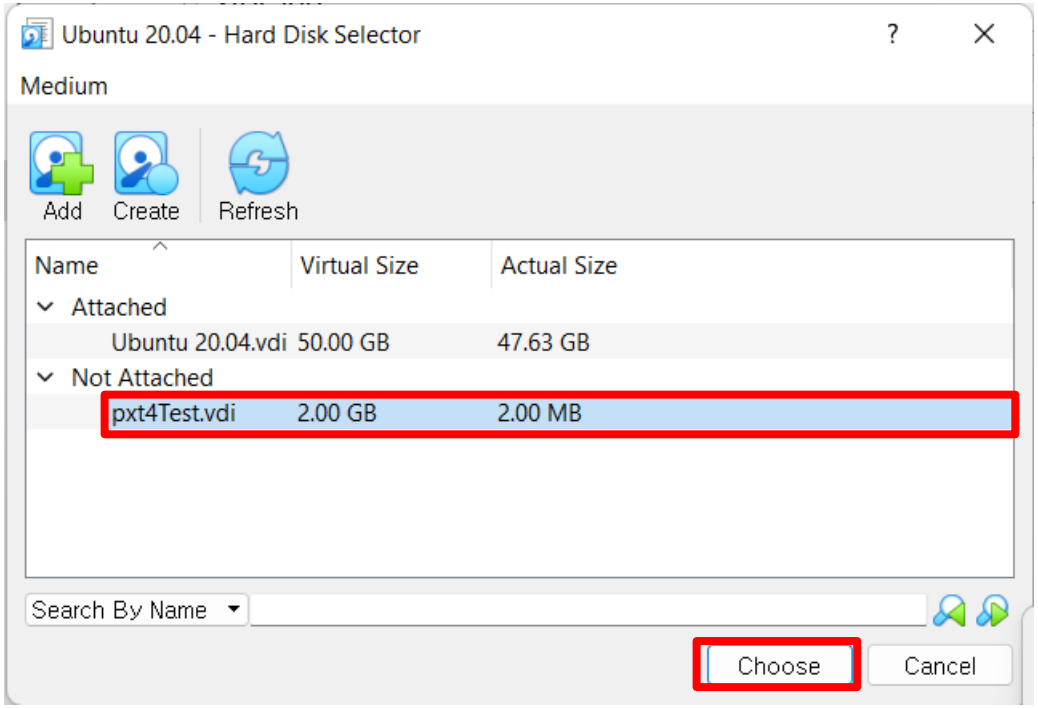
Attaching new disk

- **Storage -> Adds Hard disk.**



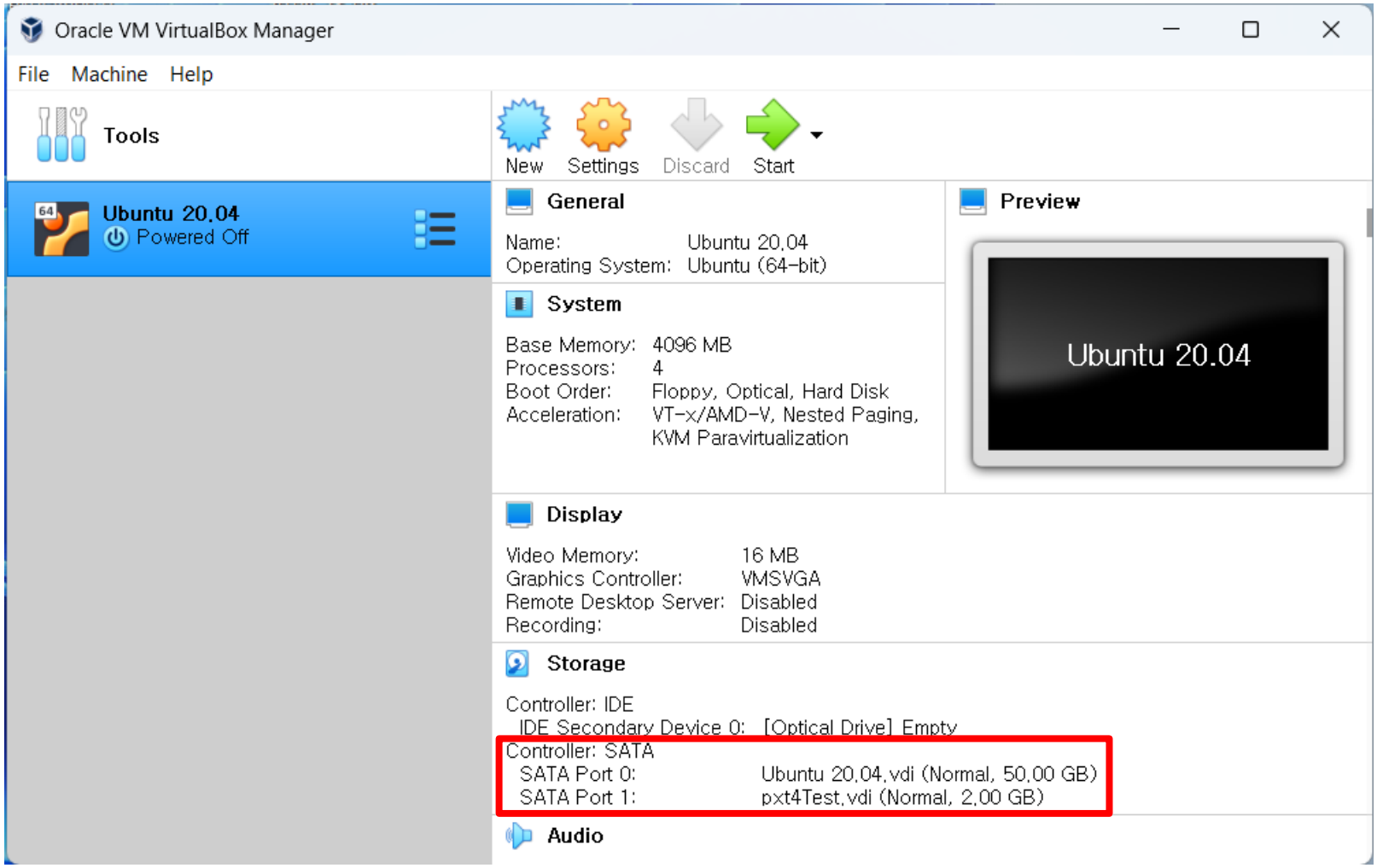
Attaching new disk

- Choose your new disk



Checking new disk

❖ **Check your new disk and boot into the system**



Checking new disk

- You can check your newly created disk with:
  - `$ sudo fdisk -l`

```
Disk /dev/sda: 50 GiB, 53687091200 bytes, 104857600 sectors
Disk model: VBOX HARDDISK
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: 0xf41caa4f

Device     Boot   Start       End   Sectors  Size Id Type
/dev/sda1  *       2048   1050623   1048576  512M  b W95 FAT32
/dev/sda2       1052670 104857599 103804930 49.5G  5 Extended
/dev/sda5       1052672 104857599 103804928 49.5G 83 Linux


Disk /dev/sdb: 2 GiB, 2147483648 bytes, 4194304 sectors
Disk model: VBOX HARDDISK
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes


Disk /dev/loop8: 47.102 MiB, 50323456 bytes, 98288 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```