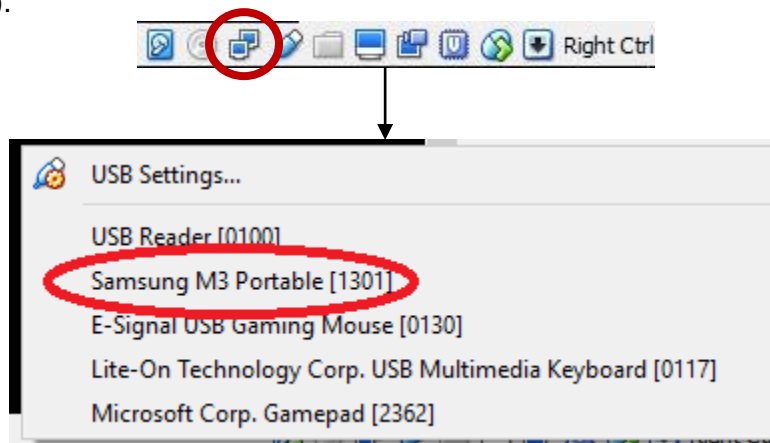


# Apache Web Server Configuration – Part II

## II. Accessing Your Flash Drives on a Virtual Machine

- Due to some limitations, Oracle's VirtualBox doesn't natively support usb mounting. Flash drives inserted into your computer won't be recognized by the VM.
- It is not entirely impossible however to access your flash drive from the VM. To do this, follow these steps.
  1. Insert your flash drive into your computer while the Virtual Machine is turned on.
  2. On the lower right corner of the VM window is a tray of icons. Right Click the one that looks like a usb port and click on the name of your flash drive (Refer to the image below).



3. On the VM, find the now captured flash drive by typing in the command

```
sudo fdisk -l
```

4. At the bottom of the results, look for the drive that closely resembles the size of your drive. Take note of the Device name that matches it.

```
Disk /dev/sdb: 14.3 GiB, 15376000000 bytes, 30031250 sectors
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: 0x2fcd86d1

Device      Boot Start      End  Sectors  Size Id Type
/dev/sdb1           32 30031249 30031218 14.3G  c W95 FAT32 (LBA)
webtekuwebtcl2017:~$
```

5. In the `/media/` directory are folders that will contain the files of the flash drive you mounted. To mount the flash drive, type in the command

```
sudo mount /dev/sdb1 /media/usb1
```

6. If successful, you will see the contents of the flash drive in the `/media/usb1/` directory

```
webtek@webtek2017:~$ cd /media/usb1
webtek@webtek2017:/media/usb1$ ls
1 -- Integrative Programming lab and exercise 1 and 2.pdf  Picture2.png  SampleServer
44338-5  Portfolio  SampleServer.java
AWSC Part 2.pdf  print  System Volume Information
Exercise11  Quiz1  Web Tech Apache Configuration (2)
Exercise2  Quiz1Answer.java  webtek2017.ova
exercise%203.html  Quiz2
Exercise3  SampleQuiz2
```