

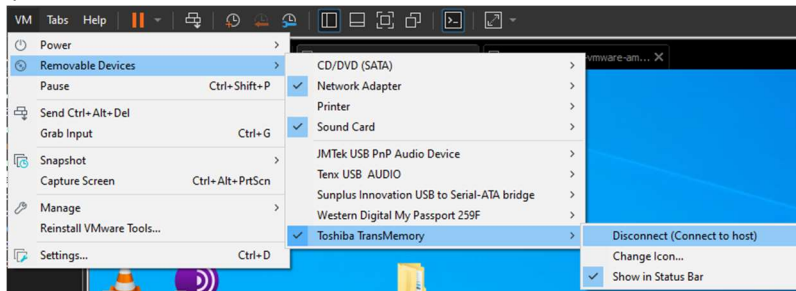
(This lab is a quick tutorial for preparing image for 5.1-5.5)

1. In windows or kali VM, create all files you need in the image.



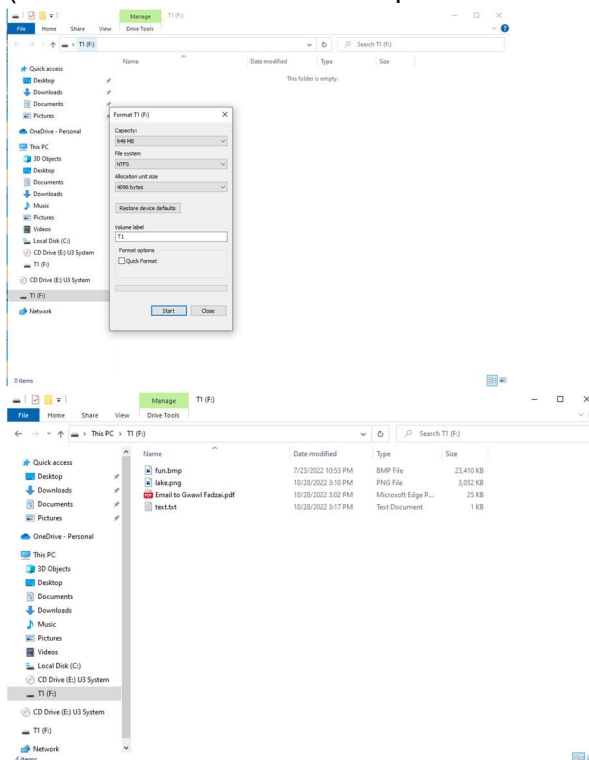
2. Connect the USB or Make a disk partition.

(Note: Smaller size USB or disk partitions would make the process faster.)



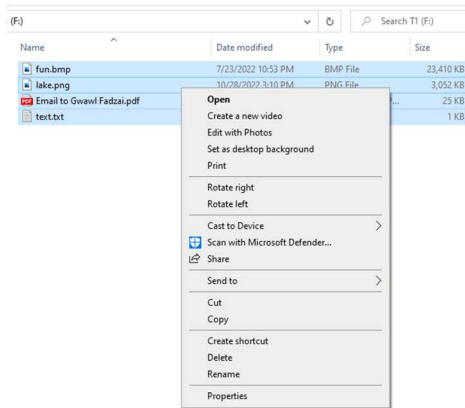
3. Put all files into the USB/ disk partition.

(Note: zero out the USB/ disk partition before you put any file into it.)

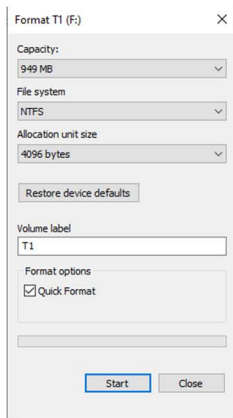


4. Delete(index) or quick format all files in the USB/ disk partition.

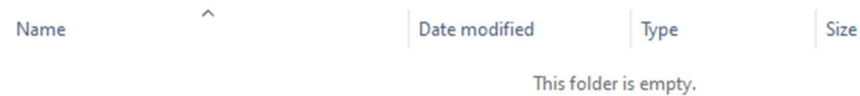
(Note: Don't perform zero out or complete format)



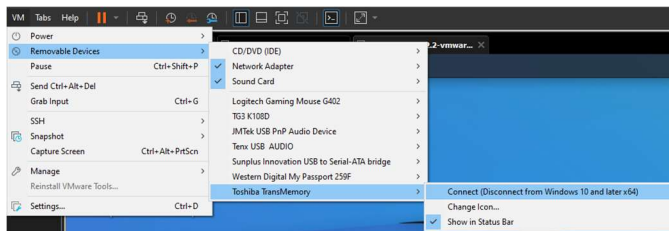
Or



(Check the quick format)



5. Use FTKImager in windows or dd command in linux.
dd:



```
root@kali: /home/kali
File Actions Edit View Help
(kali@kali)-[~]
└─$ sudo su
[sudo] password for kali:
(kali@kali)-[~]
└─$ fdisk -l
Disk /dev/sda: 200 GiB, 214748364800 bytes, 419430400 sectors
Disk model: VMware Virtual S
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: 0x72bd05d3

Device      Boot      Start      End  Sectors  Size Id Type
/dev/sda1   *          2048    165771263    165769216    79G 83 Linux
/dev/sda2             165773310    167770111    1996802    975M  5 Extended
/dev/sda5             165773312    167770111    1996800    975M 82 Linux swap / Solaris

Disk /dev/sdb: 949.36 MiB, 995474944 bytes, 1944287 sectors
Disk model: TransMemory
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: 0xabae6bcf

Device      Boot Start      End  Sectors  Size Id Type
/dev/sdb1   *          0    1944286    1944279    949.4M  7 HPFS/NTFS/exFAT

(kali@kali)-[~]
└─$
```

(.img image)

```
(root@kali)-[/home/kali]
└─# dd if=/dev/sdb1 of=/home/kali/Desktop/m51demo.img bs=2048
```

Or (.dd image)

```
(root@kali)-[/home/kali/Desktop]
└─# dd if=/dev/sdb1 of=/home/kali/Desktop/m51dddemo.dd bs=2048
```

(Note: Process time depend on disk size, change the image's permission if needed)

```
(root@kali)-[/home/kali]
└─# cd Desktop

(kali@kali)-[/home/kali/Desktop]
└─# chmod -R 777 m51demo.img
```

6. Test the image to make sure no other data is contained in the image.