Mounting a VDI file with qemu-nbd

```
$ sudo modprobe nbd
$ qemu-nbd -c /dev/nbd0 [vdi-file]
```

Example:

Connect VDI to loopback device /dev/nbd0:

```
$ qemu-nbd -c /dev/nbd0 /home/test/ubuntu.vdi
```

You can check the partitions in the image using the following command:

```
$ sudo fdisk -l /dev/nbd0
```

If you want to mount the first partition of the NBD device, use the following command:

```
$ sudo mount /dev/nbd0p1 /mnt
```

Finally, unmount /mnt then shutdown nbd services using the following command:

```
$ sudo qemu-nbd -d /dev/nbd0
```

Converting a VDI file into a partition

Use qemu-img:

```
$ sudo qemu-img convert -m J -p -f vdi [vdi-file] /dev/sdX
```

where J is the number of threads allowed.