

QCOW2 disk image mount 3
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QCOW2

root NDB(Network Block Device)

```
modprobe nbd max_part=8
```

QCOW2 NDB

```
qemu-nbd --connect=/dev/nbd0 /var/lib/vz/images/100/vm-100-disk-1.qcow2
```

```
root@ucskvm:~# fdisk -l /dev/nbd0
Disk /dev/nbd0: 20 GiB, 21474836480 bytes, 41943040 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: 0x000c820f
```

Device	Boot	Start	End	Sectors	Size	Id	Type
/dev/nbd0p1	*	63	41929649	41929587	20G	83	Linux

```
Activate the partition device nodes
partx -a /dev/nbd0
```

```
mount /dev/nbd0p1 /mnt/somepoint/
```

```
umount /mnt/somepoint/
qemu-nbd --disconnect /dev/nbd0
```

rmmod nbd

- <https://help.univention.com/t/howto-mount-a-qcow2-image/14664>
- <https://gist.github.com/shamil/62935d9b456a6f9877b5>
- <https://www.baeldung.com/linux/mount-qcow2-image>

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