

1. Installation & status

I finished the installation completely. I added 2 nvme device and ran FIO foreach nvme device. The qemu option is below.

```
./bin/qemu-system-x86_64 -m 16G -smp 4 --enable-kvm -hda
ubuntu.img
-drive file=./ocssd_backend.img,if=none,id=mynvme -device
nvme,drive=mynvme,serial=deadbeef,lstrict=1,lnum_pu=1
-drive file=./ocssd_backend2.img,if=none,id=mynvme2 -device
nvme,drive=mynvme2,serial=deadbeef2,lstrict=1,lnum_pu=1 -monitor
stdio
```

The nvme size is 8GB for each. I arranged 1 parallel unit for each nvme. Because of the limitation of the host machine, I don't think that we can improve performance by increasing the parallel unit.

```
jaeyeol : ~$ sudo nvme lnvm create -d nvme0n1 -n mynvme -t pblk
jaeyeol : ~$ sudo nvme lnvm create -d nvme1n1 -n mynvme2 -t pblk
```

After booting the ubuntu, I create the nvme device with using pblk option.

2. Install lightnvm

I finish installing lightnvm and compile some example on the website. The program runs without errors.