**Host Configuration:**

 root@host174:/home/kazan/rdma\_code/narayan# uname -a

 Linux host174 4.7.0+ #1 SMP Thu Sep 1 15:08:29 PDT 2016 x86\_64 x86\_64 x86\_64 GNU/Linux

 sudo modprobe mlx5\_ib

 sudo modprobe mlx5\_core

 sudo modprobe rdma\_cm

 sudo modprobe ib\_uverbs

 sudo modprobe rdma\_ucm

 sudo modprobe ib\_ucm

 sudo modprobe ib\_umad

 sudo modprobe nvme

 sudo modprobe nvme-rdma register\_always=1

 sudo ifconfig eth3 10.10.10.174/24 mtu 5000 up

**Target Configuration:**

 kazan@host190:~/rdma\_code/narayan$ uname -a

 Linux host190 4.7.0+ #1 SMP Wed Sep 7 16:15:41 PDT 2016 x86\_64 x86\_64 x86\_64 GNU/Linux

 sudo modprobe mlx4\_ib

 sudo modprobe mlx4\_core

 sudo modprobe rdma\_cm

 sudo modprobe ib\_uverbs

 sudo modprobe rdma\_ucm

 sudo modprobe ib\_ucm

 sudo modprobe ib\_umad

 modprobe configfs

 mount -t configfs none /sys/kernel/config

 modprobe null\_blk

 modprobe nvmet

 modprobe nvmet-rdma

 sudo ifconfig p1p2 10.10.10.190/24 mtu 5000 up

 mkdir /sys/kernel/config/nvmet/subsystems/testsubsystem

 cd /sys/kernel/config/nvmet/subsystems/testsubsystem

 echo 1 > attr\_allow\_any\_host

 mkdir /sys/kernel/config/nvmet/subsystems/testsubsystem/namespaces/1

 cd /sys/kernel/config/nvmet/subsystems/testsubsystem/namespaces/1

 echo -n /dev/nullb0 > /sys/kernel/config/nvmet/subsystems/testsubsystem/namespaces/1/device\_path

 echo 1 > enable

 mkdir /sys/kernel/config/nvmet/ports/1

 cd /sys/kernel/config/nvmet/ports/1

 echo 10.10.10.190 > addr\_traddr

 echo rdma > addr\_trtype

 echo 4420 > addr\_trsvcid

 echo ipv4 > addr\_adrfam

 ln -s /sys/kernel/config/nvmet/subsystems/testsubsystem subsystems/testsubsystem

**FIO Script:**

 [global]

 ioengine=libaio

 direct=1

 runtime=10m

 size=800g

 time\_based

 norandommap

 group\_reporting

 bs=8k

 numjobs=8

 iodepth=16

 [rand\_write]

 filename=/dev/nvme0n1

 rw=randwrite