**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