GPFS storage benchmarks

IOZONE tests run locally on single GPFS NSD server

fermi-gpfs02 2@md3460 12 NSD 1 MB block system pool 180 disks

128 GB test file (2 x pagepool)

/u/sf/jonl/bin/iozone.64bit.linux -i 0 -i 1 -t1 -s 128g -r 1024k

```
Children see throughput for  1 initial writers  = 2252747.50 KB/sec
Children see throughput for  1 rewriters        = 2882751.25 KB/sec
Children see throughput for  1 readers          = 5792810.50 KB/sec
Children see throughput for 1 re-readers        = 6415035.00 KB/sec
```

/u/sf/jonl/bin/iozone.64bit.linux -i 0 -i 1 -t16 -s 8g -r 1024k

```
Children see throughput for 16 initial writers  = 4105424.03 KB/sec
Children see throughput for 16 rewriters        = 4373855.06 KB/sec
Children see throughput for 16 readers          = 3360698.11 KB/sec
Children see throughput for 16 re-readers       = 3645976.38 KB/sec
```

/u/sf/jonl/bin/iozone.64bit.linux -i 0 -i 1 -t64 -s 2g -r 1024k

```
Children see throughput for 64 initial writers  = 4355696.19 KB/sec
Children see throughput for 64 rewriters        = 4543685.04 KB/sec
Children see throughput for 64 readers          = 4547132.21 KB/sec
Children see throughput for 64 re-readers       = 4899993.23 KB/sec
```

/u/sf/jonl/bin/iozone.64bit.linux -i 0 -i 1 -t128 -s 1g -r 1024k

```
Children see throughput for 128 initial writers = 4389975.53 KB/sec
Children see throughput for 128 rewriters       = 4471355.97 KB/sec
Children see throughput for 128 readers         = 4157457.52 KB/sec
Children see throughput for 128 re-readers      = 4448983.88 KB/sec
```

/u/sf/jonl/bin/iozone.64bit.linux -i 0 -i 1 -t256 -s 500m -r 1024k

```
Children see throughput for 256 initial writers = 4199890.35 KB/sec
Children see throughput for 256 rewriters       = 4322276.21 KB/sec
Children see throughput for 256 readers         = 4153519.73 KB/sec
Children see throughput for 256 re-readers      = 4731652.91 KB/sec
```