Allocate, Free and Allocate default malloc jemalloc 8000 nvm_malloc nvm_malloc with CLFLUSHOPT nvm_malloc with CLWB nvm_malloc no fences 6000 — nvm_malloc no flushes nvm_malloc no fences/flushes pmcto_malloc Time in ms pmobj_malloc 4000-2000 2.5 5.0 7.5 10.0 12.5 15.0 17.5 20.0 22.5 Parallel Threads