

Performance Report for 22-Sep-optimised

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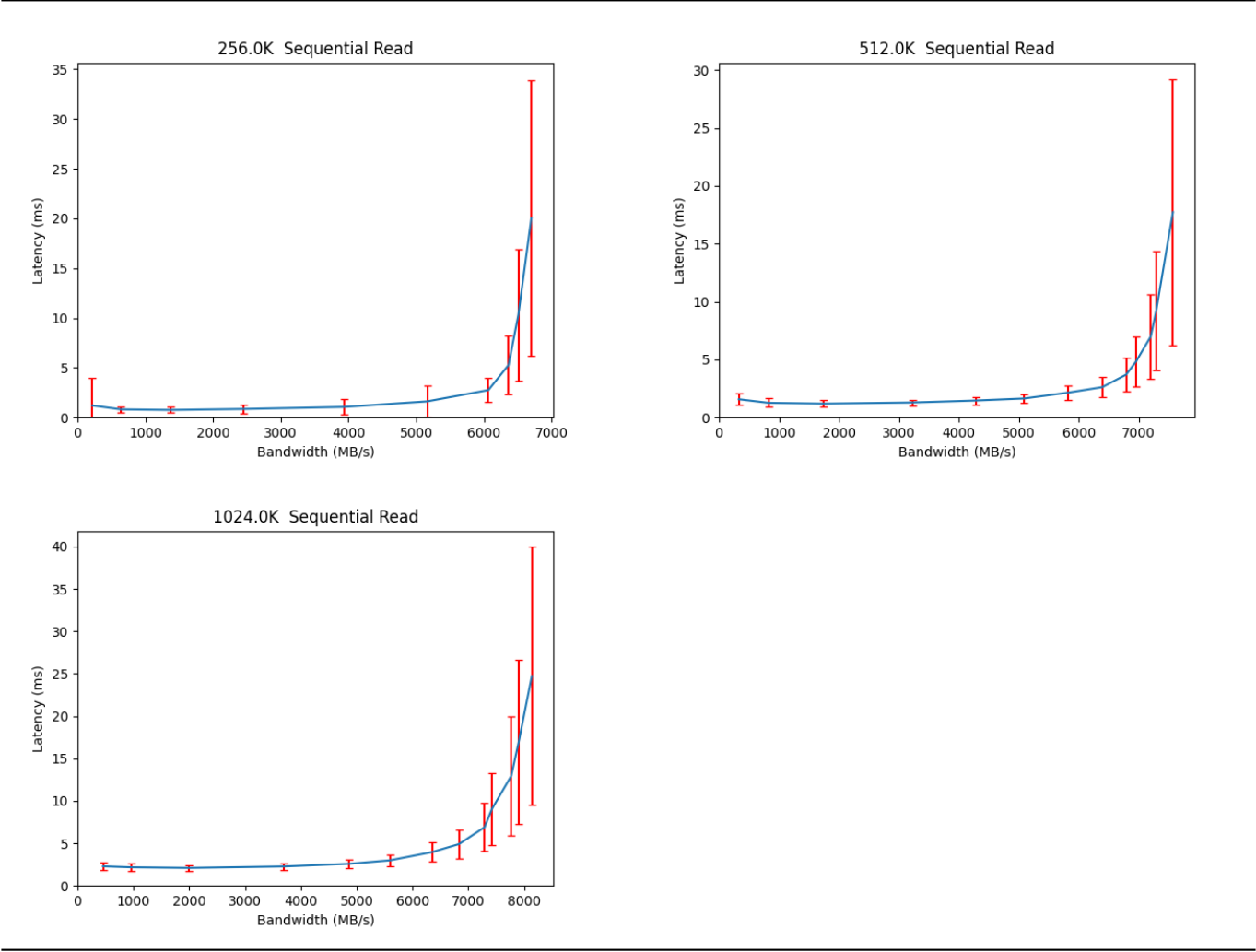
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Summary of results for 22-Sep-optimised

Workload Name	Maximum Throughput	Latency (ms)
262144_read	6700 MB/s	20.0
524288_read	7571 MB/s	17.7
1048576_read	8137 MB/s	24.7

Response Curves

Sequential Read



Configuration yaml

```

librbd fio:
  cmd_path: /usr/local/bin/fio
  fio_out_format: json
  log_avg_msec: 100
  log_bw: true
  log_iops: true
  log_lat: true
  norandommap: true
  osd_ra:
    - 4096
  poolname: rbd_replicated
  prefill:
    blocksize: 64k
    numjobs: 1
  procs_per_volume:
    - 1
  ramp: 30
  rbdname: cbt-librbd fio
  time: 90
  time_based: true
  use_existing_volumes: true
  vol_size: 1204500
  volumes_per_client:
    - 16
  workloads:
    1Mseqread:
      jobname: seqread
      mode: read
      numjobs:
        - 1
      op_size: 1048576
      total_iodepth:
        - 1
        - 2
        - 4
        - 8
        - 12
        - 16
        - 24
        - 32
        - 48
        - 64
        - 96
        - 128
        - 192
    512kseqread:
      jobname: seqread
      mode: read
      numjobs:
        - 1
      op_size: 524288

```

```

    total_iodepth:
      - 1
      - 2
      - 4
      - 8
      - 12
      - 16
      - 24
      - 32
      - 48
      - 64
      - 96
      - 128
      - 256
  precondition:
    jobname: precond1rw
    mode: randwrite
    monitor: false
    numjobs:
      - 1
    op_size: 65536
    time: 600
    total_iodepth:
      - 16
  seq256kread:
    jobname: seqread
    mode: read
    numjobs:
      - 1
    op_size: 262144
    total_iodepth:
      - 1
      - 2
      - 4
      - 8
      - 16
      - 32
      - 64
      - 128
      - 256
      - 512
cluster:
  archive_dir: /tmp/cbt
  ceph_mgr_cmd: /usr/bin/ceph-mgr
  ceph_mon_cmd: /usr/bin/ceph-mon
  ceph_osd_cmd: /usr/bin/ceph-osd
  ceph_run_cmd: /usr/bin/ceph-run
  ceph_cmd: /usr/bin/ceph
  clients:
    - --- server1 ---
  clusterid: ceph
  conf_file: /cbt/ceph.conf.4x1x1.fs
  fs: xfs
  head: --- server1 ---
  iterations: 1
  mgrs:
    --- server1 ---:
      a: null
  mkfs_opts: -f -i size=2048
  mons:
    --- server1 ---:
      a: --- IP Address --:6789
  mount_opts: -o inode64,noatime,logbsize=256k

```

```
osds:
- --- server1 ---
osds_per_node: 8
pdsh_ssh_args: -a -x -l%u %h
rados_cmd: /usr/bin/rados
rbd_cmd: /usr/bin/rbd
tmp_dir: /tmp/cbt
use_existing: true
user: ljsanders
monitoring_profiles:
  collectl:
    args: -c 18 -sCD -i 10 -P -oz -F0 --rawtoo --sep ";" -f {collectl_dir}
```