

Performance Report for cbt-17thSep-o01-2+2-16k-ecopt2-appends

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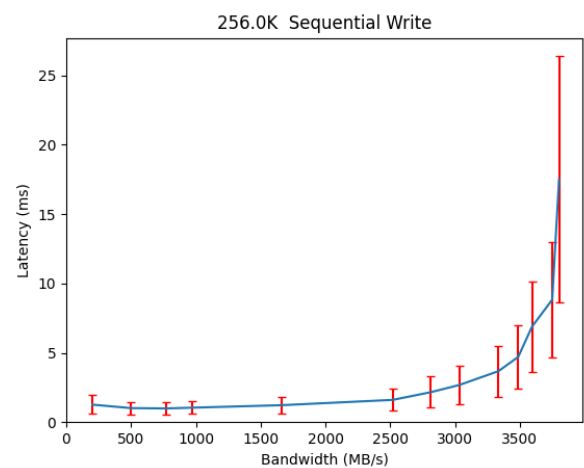
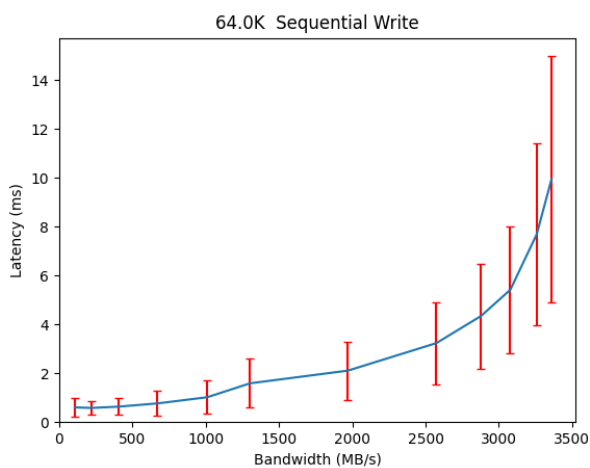
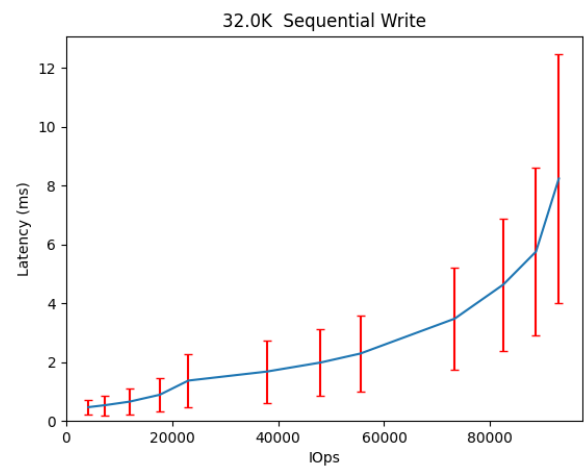
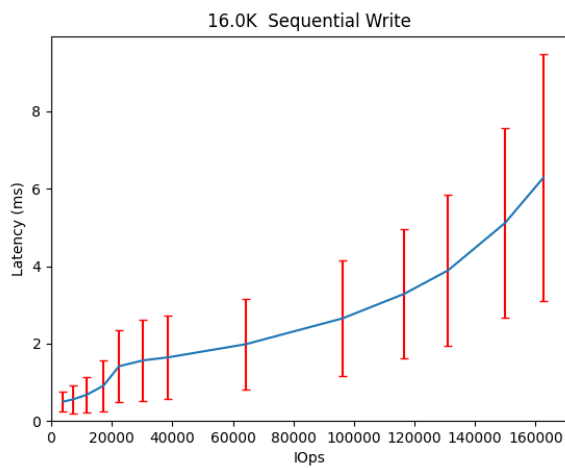
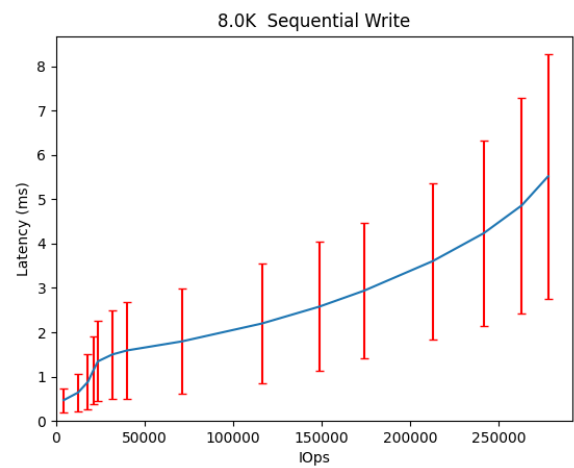
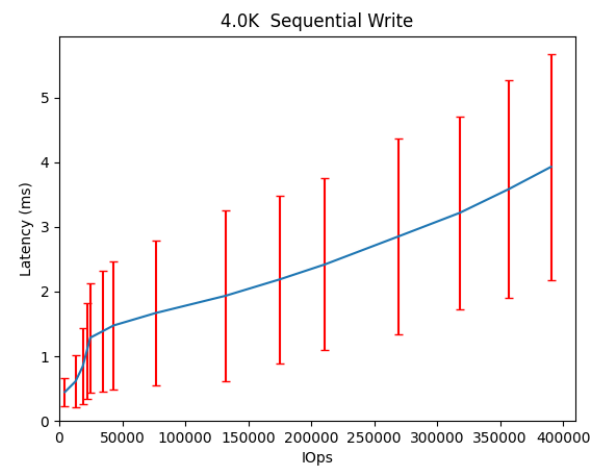
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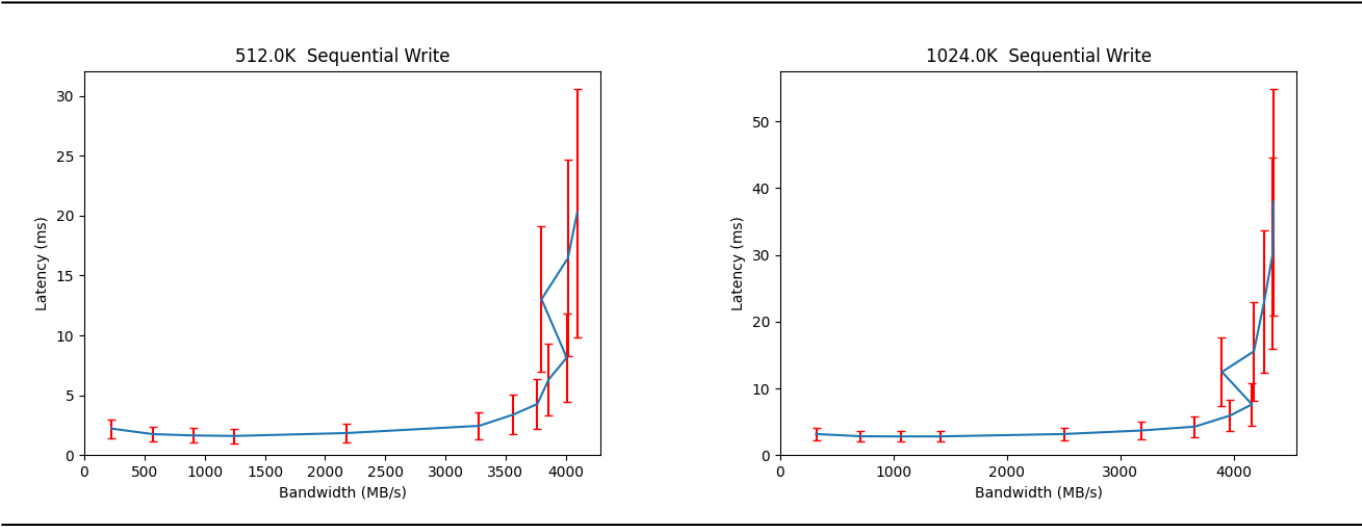
Summary of results for cbt-17thSep-o01-2+2-16k-ecopt2-appends

Workload Name	Maximum Throughput	Latency (ms)
4096_write	390483 IOps	3.9
8192_write	278026 IOps	5.5
16384_write	162606 IOps	6.3
32768_write	92974 IOps	8.2
65536_write	3359 MB/s	10.0
262144_write	3804 MB/s	17.5
524288_write	4094 MB/s	20.2
1048576_write	4352 MB/s	38.0

Response Curves

Sequential Write





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: 1000
  volumes_per_client:
    - 16
  workloads:
    64kseqwriteappend:
      jobname: write
      mode: write
      numjobs:
        - 1
      op_size: 65536
      pre_workload_script: sudo /home/ljsanders/scripts/mkdelvols.cbt
      total_iodepth:
        - 1
        - 2
        - 4
        - 8
        - 16
        - 32
        - 64
        - 128
        - 192
        - 256
        - 384
        - 512
    seq16kwriteappend:
      jobname: seqwrite
      mode: write
      numjobs:
        - 1
      op_size: 16384

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pre_workload_script: sudo /home/ljsanders/scripts/mkdelvols.cbt
total_iodepth:
- 2
- 4
- 8
- 16
- 32
- 48
- 64
- 128
- 256
- 384
- 512
- 768
- 1024
seq1Mwriteappend:
  jobname: seqwrite
  mode: write
  numjobs:
  - 1
  op_size: 1048576
  pre_workload_script: sudo /home/ljsanders/scripts/mkdelvols.cbt
  total_iodepth:
  - 1
  - 2
  - 3
  - 4
  - 8
  - 12
  - 16
  - 24
  - 32
  - 48
  - 64
  - 96
  - 128
  - 160
seq256kwriteappend:
  jobname: seqwrite
  mode: write
  numjobs:
  - 1
  op_size: 262144
  pre_workload_script: sudo /home/ljsanders/scripts/mkdelvols.cbt
  total_iodepth:
  - 1
  - 2
  - 3
  - 4
  - 8
  - 16
  - 24
  - 32
  - 48
  - 64
  - 96
  - 128
  - 256
seq32kwriteappend:
  jobname: seqwrite
  mode: write
  numjobs:
  - 1

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  op_size: 32768
  pre_workload_script: sudo /home/ljsanders/scripts/mkdelvols.cbt
  total_iodepth:
    - 2
    - 4
    - 8
    - 16
    - 32
    - 64
    - 96
    - 128
    - 256
    - 384
    - 512
    - 768
seq4kwriteappend:
  jobname: seqwrite
  mode: write
  numjobs:
    - 1
  op_size: 4096
  pre_workload_script: sudo /home/ljsanders/scripts/mkdelvols.cbt
  total_iodepth:
    - 2
    - 8
    - 16
    - 24
    - 32
    - 48
    - 64
    - 128
    - 256
    - 384
    - 512
    - 768
    - 1024
    - 1280
    - 1536
seq512kwriteappend:
  jobname: seqwrite
  mode: write
  numjobs:
    - 1
  op_size: 524288
  pre_workload_script: sudo /home/ljsanders/scripts/mkdelvols.cbt
  total_iodepth:
    - 1
    - 2
    - 3
    - 4
    - 8
    - 16
    - 24
    - 32
    - 48
    - 64
    - 96
    - 128
    - 160
seq8kwriteappend:
  jobname: seqwrite
  mode: write
  numjobs:

```



```

- 1
  op_size: 8192
  pre_workload_script: sudo /home/ljsanders/scripts/mkdelvols.cbt
  total_iodepth:
- 2
- 8
- 16
- 24
- 32
- 48
- 64
- 128
- 256
- 384
- 512
- 768
- 1024
- 1280
- 1536
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: /etc/ceph/ceph.conf
  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}

```