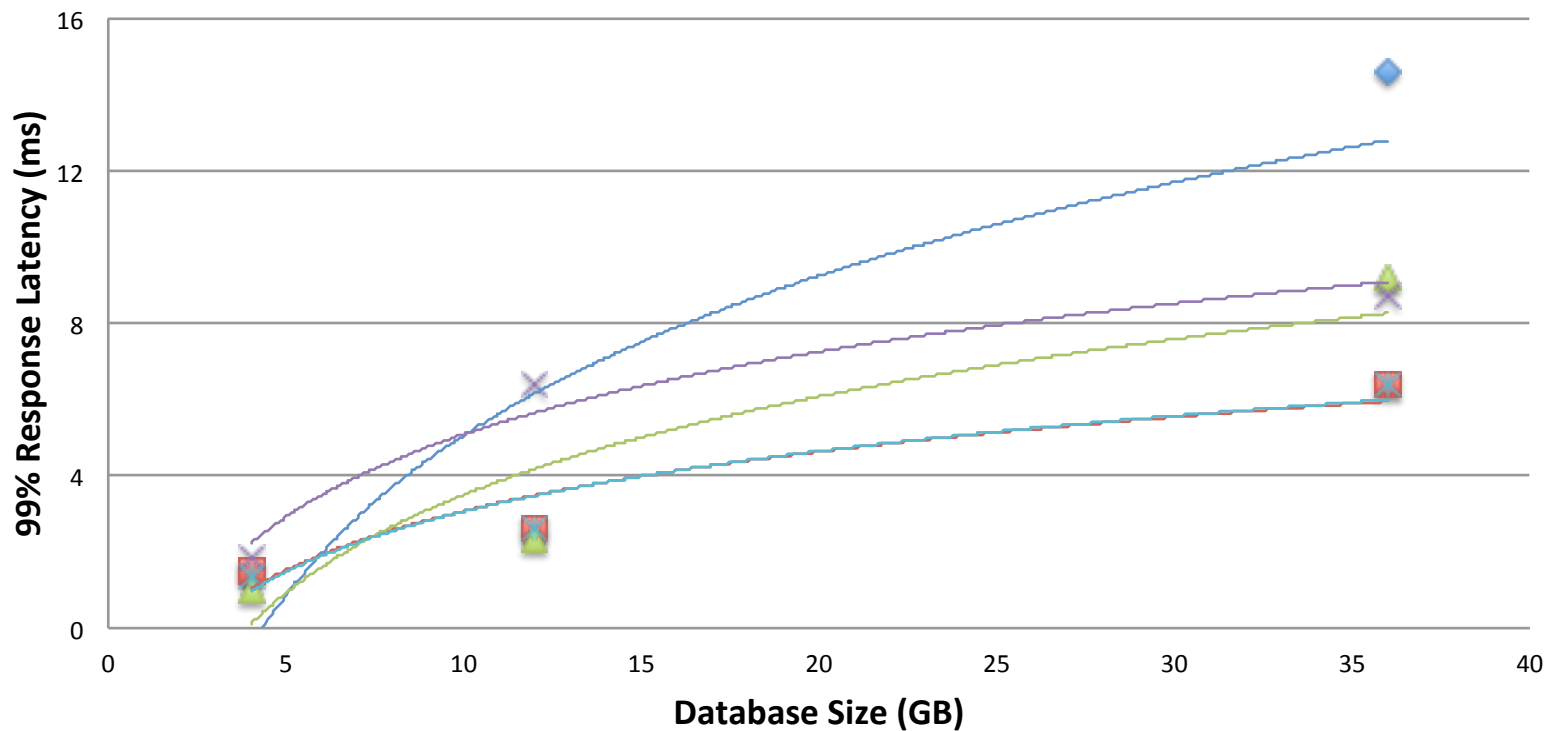


HBase Blockcache Random Read Performance

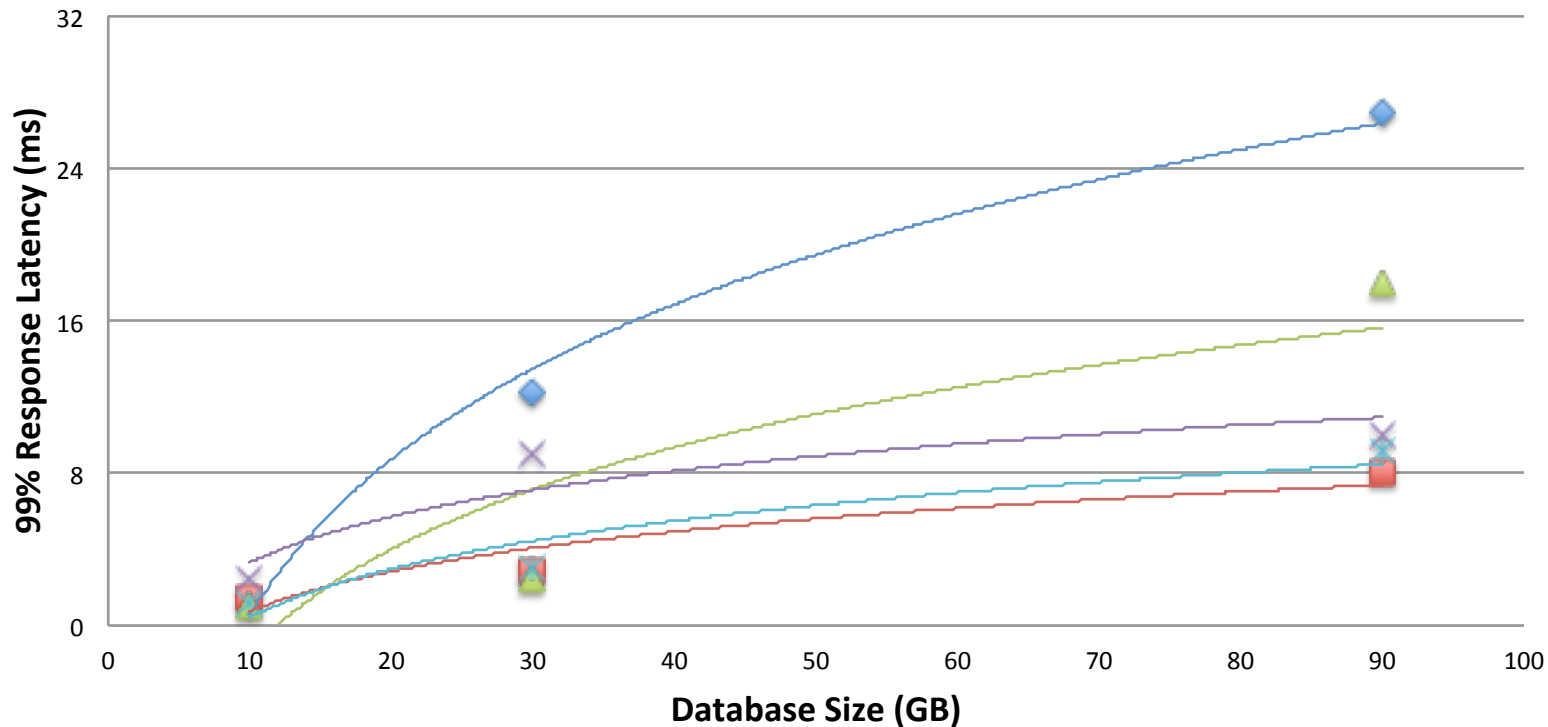
Total RS memory: 8 GB; ~4.8 GB BlockCache



◆ BucketCache (heap) ■ BucketCache (tmpfs) ▲ LruBlockCache ✕ SlabCache ✕ BucketCache (offheap)

HBase Blockcache Random Read Performance

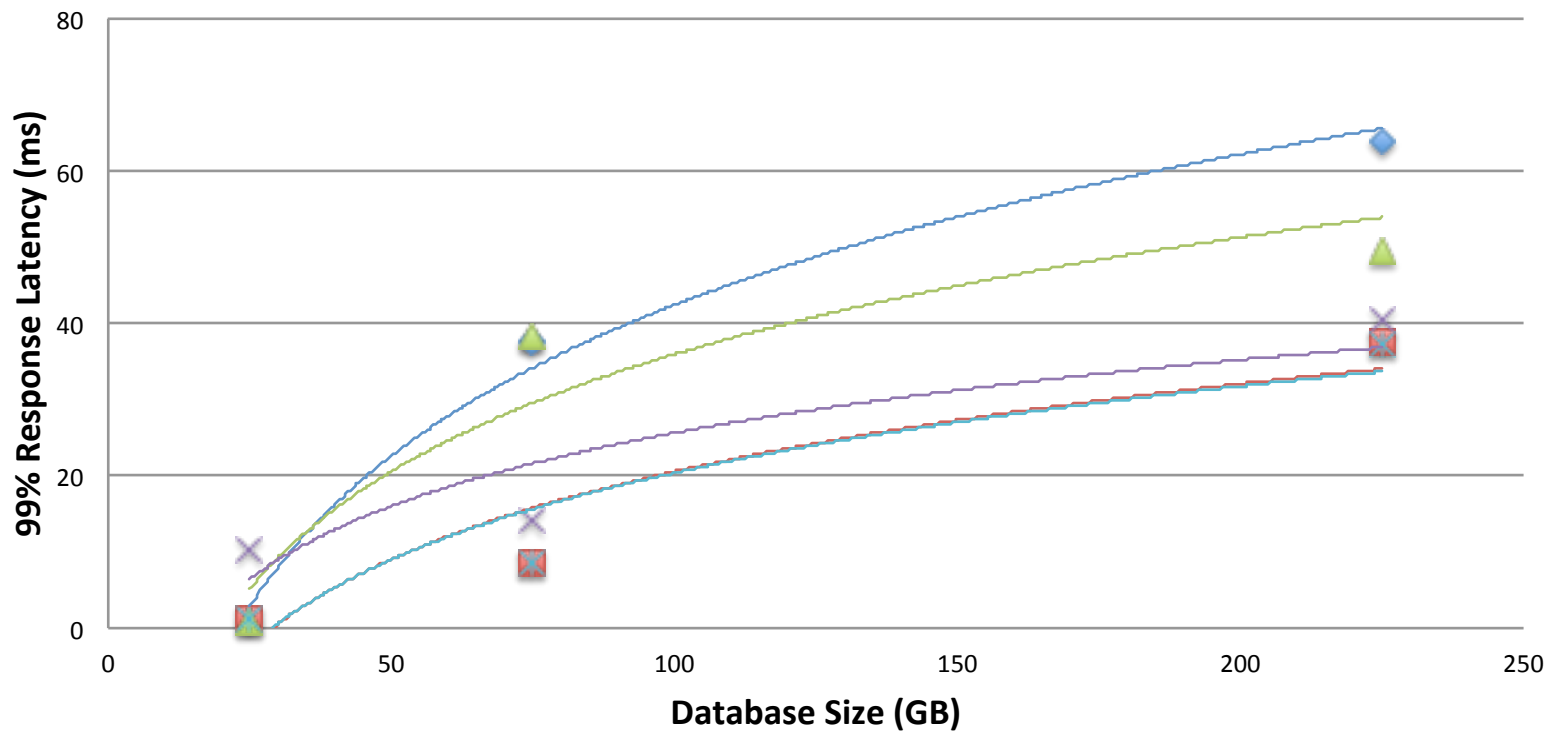
Total RS memory: 20 GB; ~12 GB BlockCache



◆ BucketCache (heap) ■ BucketCache (tmpfs) ▲ LruBlockCache ✕ SlabCache ✕ BucketCache (offheap)

HBase Blockcache Random Read Performance

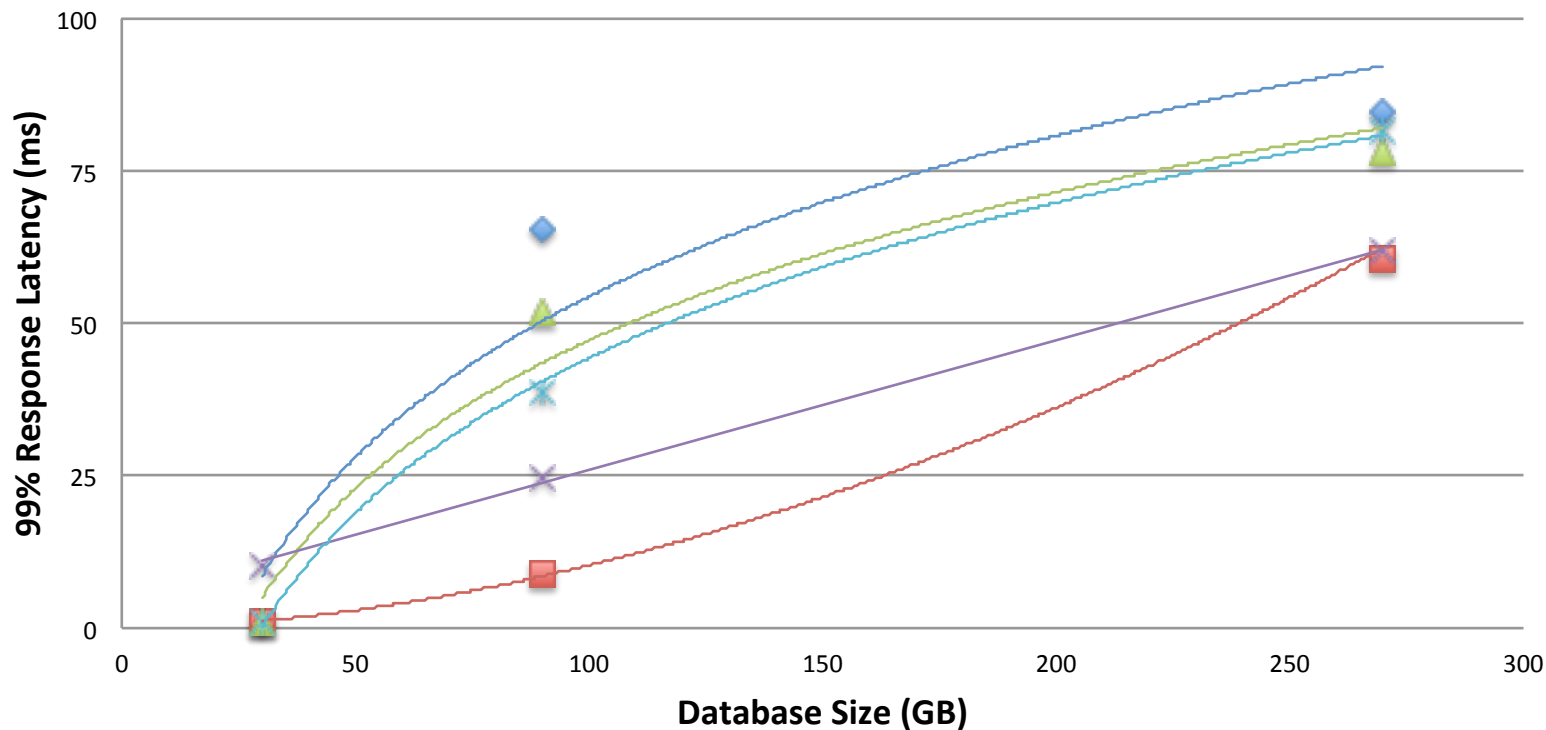
Total RS memory: 50 GB; ~30 GB BlockCache



◆ BucketCache (heap) ■ BucketCache (tmpfs) ▲ LruBlockCache × SlabCache × BucketCache (offheap)

HBase Blockcache Random Read Performance

Total RS memory: 60 GB; ~36 GB BlockCache



◆ BucketCache (heap) ■ BucketCache (tmpfs) ▲ LruBlockCache ✕ SlabCache ✕ BucketCache (offheap)