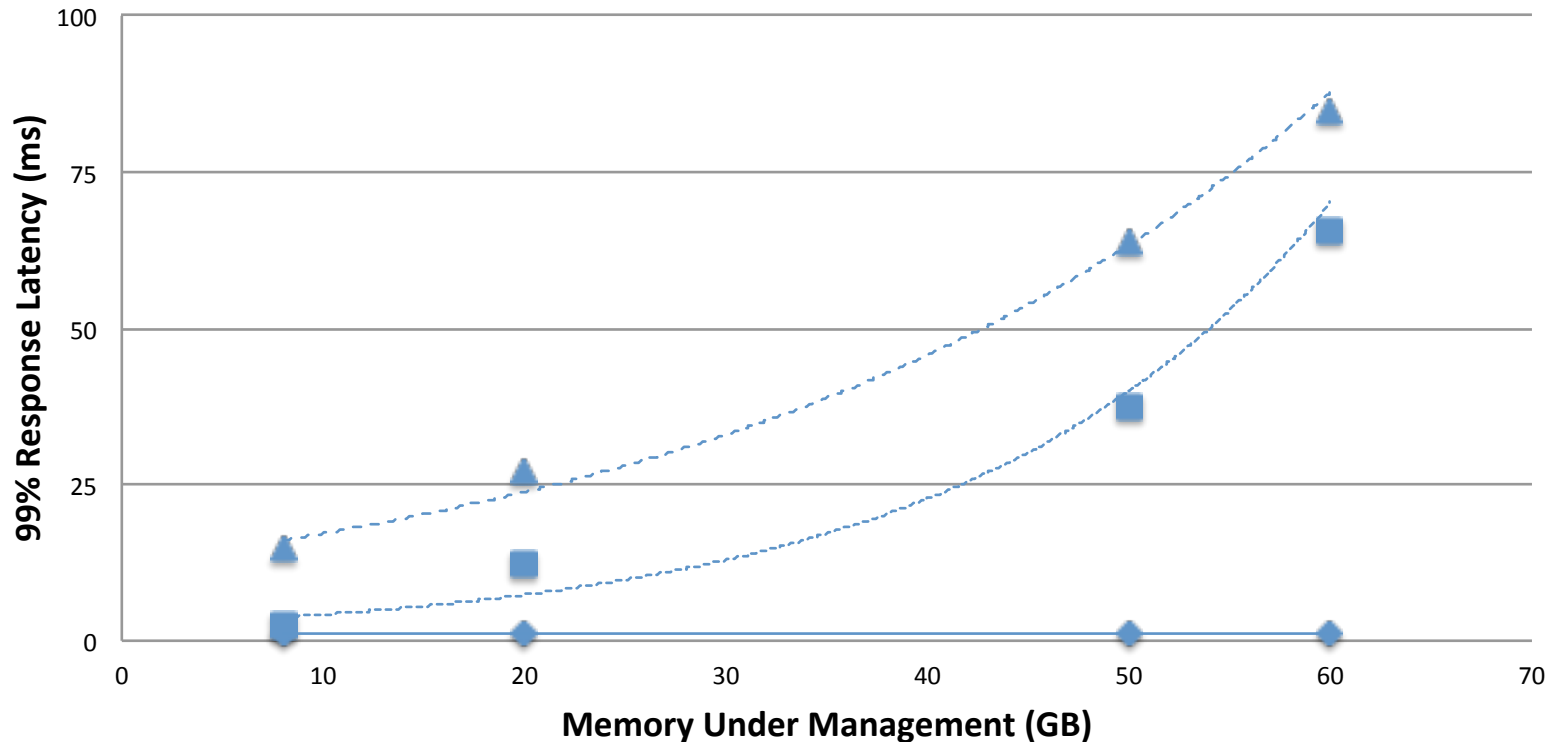


BucketCache (heap) scaling performance as ratio of Database Size (DB) vs. Memory Size (RAM)



◆ DB 0.5 : RAM 1.0

■ DB 1.5 : RAM 1.0

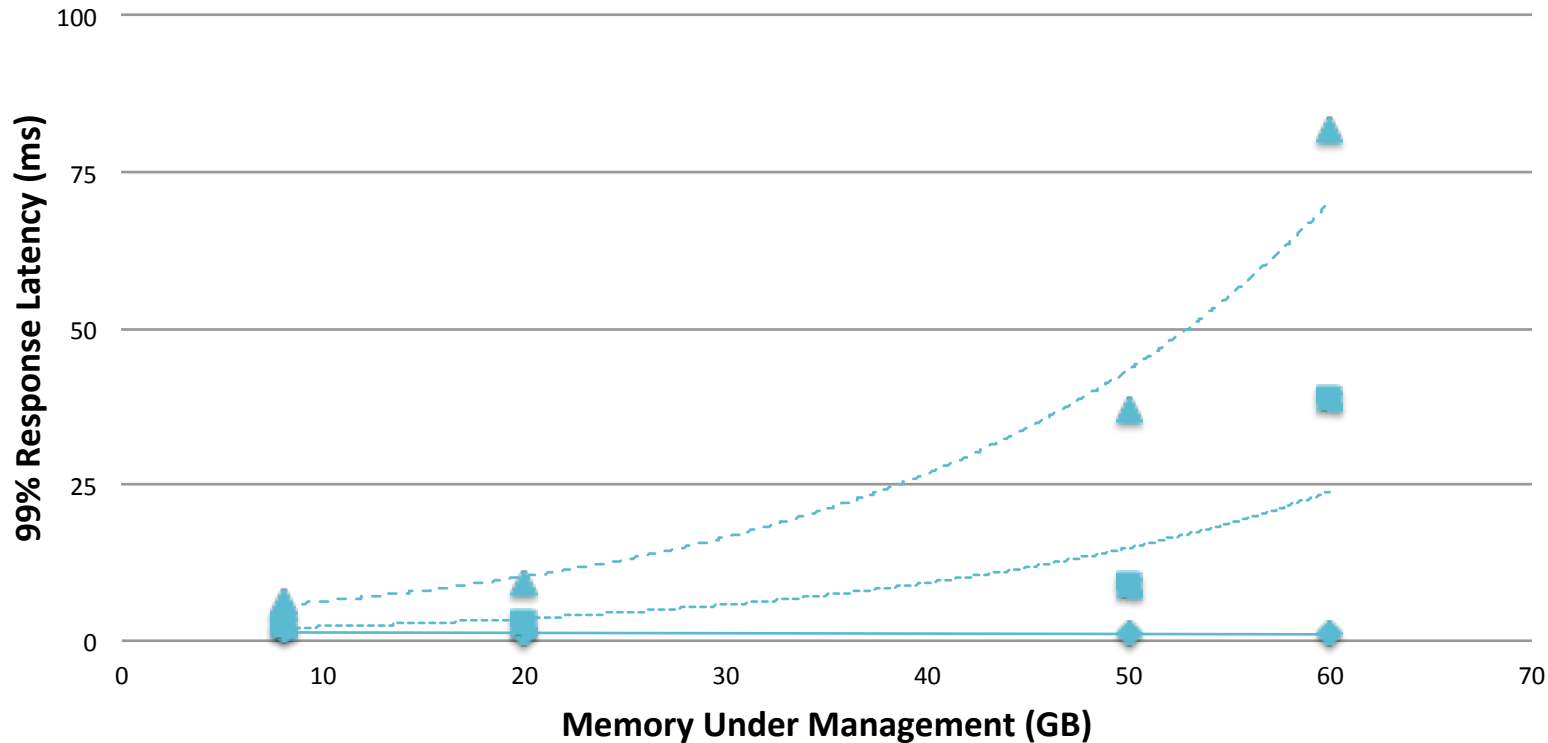
▲ DB 4.5 : RAM 1.0

— Log. (DB 0.5 : RAM 1.0)

⋯ Expon. (DB 1.5 : RAM 1.0)

- - - Expon. (DB 4.5 : RAM 1.0)

BucketCache (off-heap) scaling performance as ratio of Database Size (DB) vs. Memory Size (RAM)



◆ DB 0.5 : RAM 1.0

■ DB 1.5 : RAM 1.0

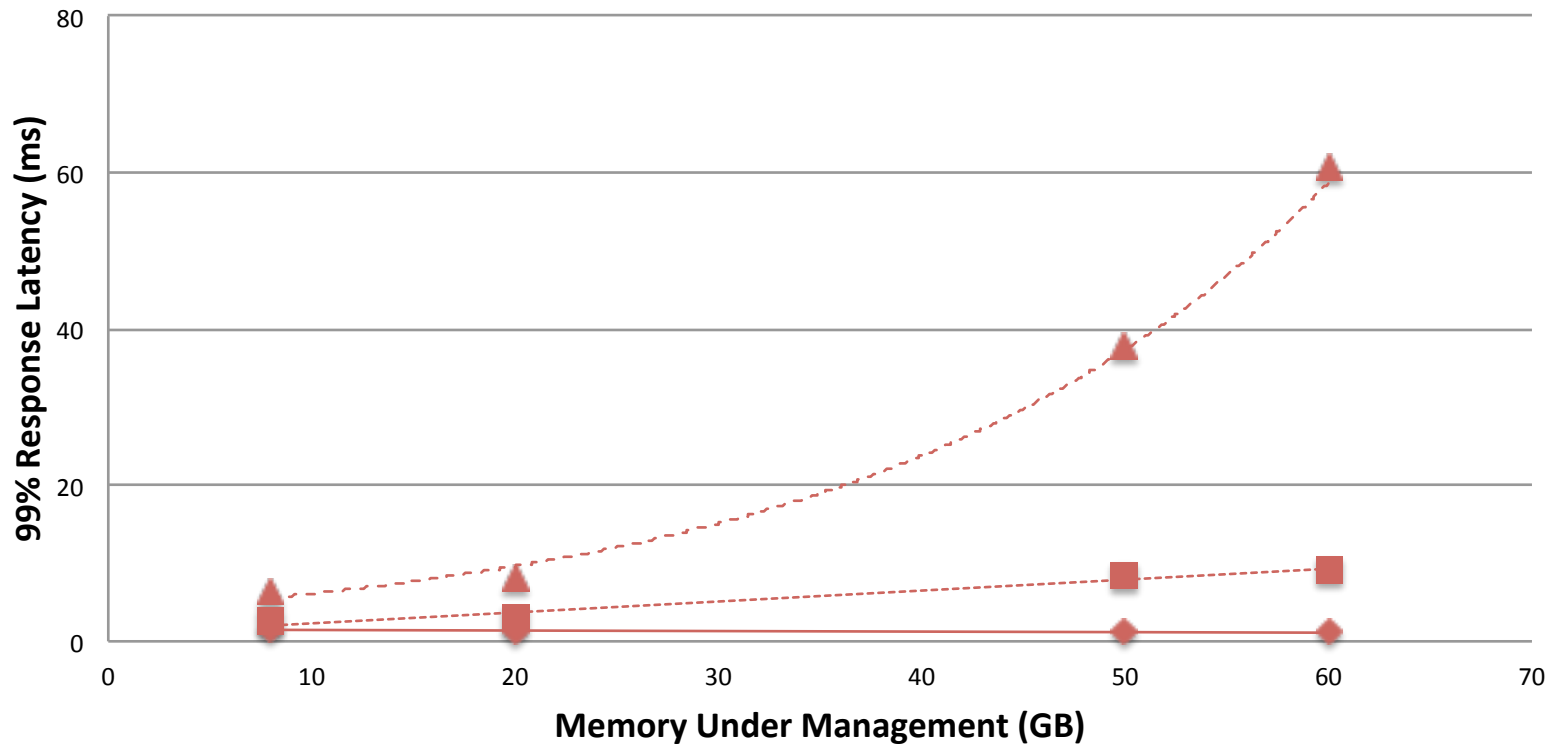
▲ DB 4.5 : RAM 1.0

— Linear (DB 0.5 : RAM 1.0)

- - - Expon. (DB 1.5 : RAM 1.0)

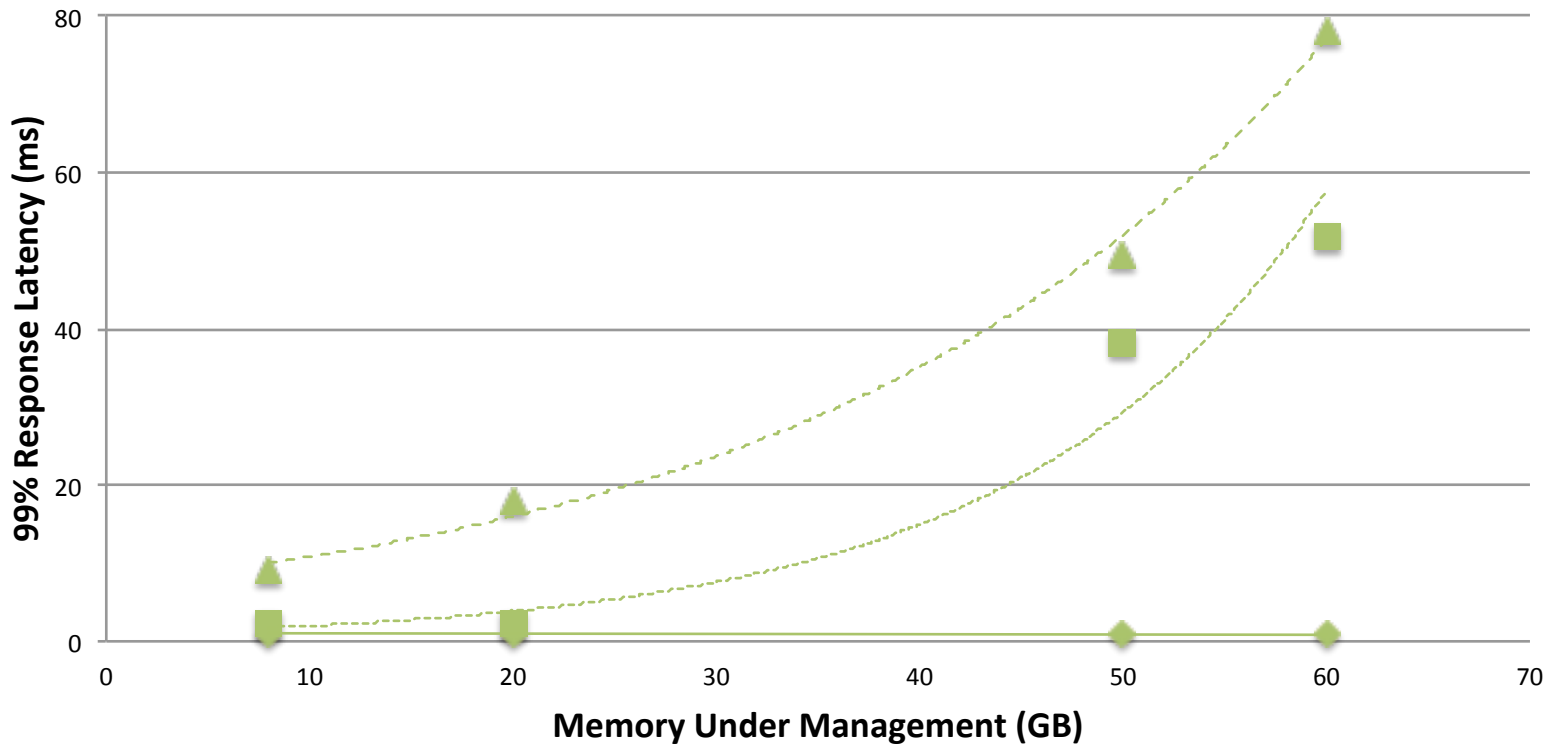
- - - Expon. (DB 4.5 : RAM 1.0)

BucketCache (tmpfs) scaling performance as ratio of Database Size (DB) vs. Memory Size (RAM)



◆ DB 0.5 : RAM 1.0 ■ DB 1.5 : RAM 1.0 ▲ DB 4.5 : RAM 1.0
— Linear (DB 0.5 : RAM 1.0) ····· Linear (DB 1.5 : RAM 1.0) - - - Expon. (DB 4.5 : RAM 1.0)

LruBlockCache scaling performance as ratio of Database Size (DB) vs. Memory Size (RAM)



◆ DB 0.5 : RAM 1.0

■ DB 1.5 : RAM 1.0

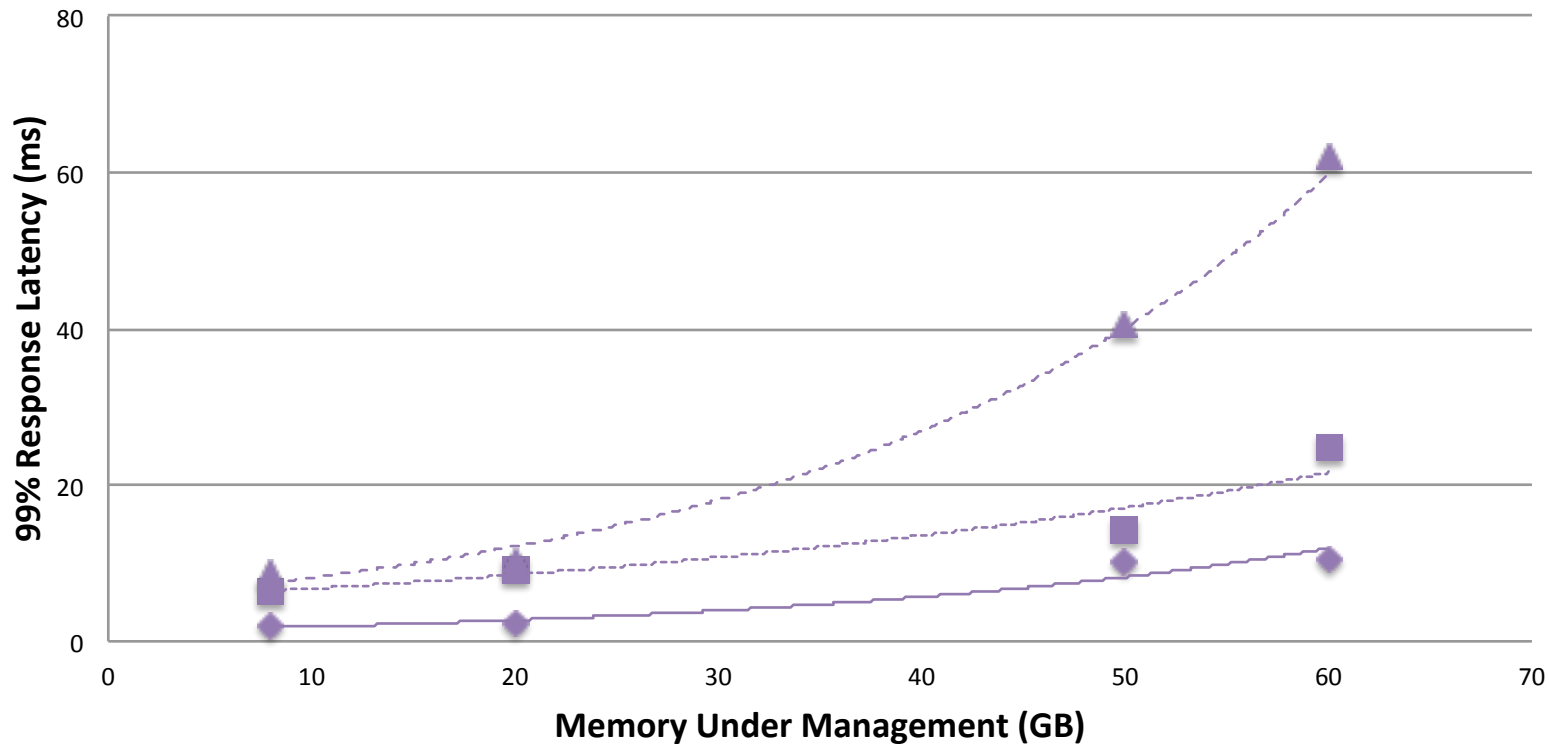
▲ DB 4.5 : RAM 1.0

— Linear (DB 0.5 : RAM 1.0)

- - - Expon. (DB 1.5 : RAM 1.0)

- - - Expon. (DB 4.5 : RAM 1.0)

SlabCache scaling performance as ratio of Database Size (DB) vs. Memory Size (RAM)



◆ DB 0.5 : RAM 1.0

■ DB 1.5 : RAM 1.0

▲ DB 4.5 : RAM 1.0

— Expon. (DB 0.5 : RAM 1.0)

- - - Expon. (DB 1.5 : RAM 1.0)

- - - Expon. (DB 4.5 : RAM 1.0)