

Project Experimental Results Examples

This document contains a few examples of experimental figures generated by three previous groups that did well in the project. We give you these as examples of the range of performance results you should be expecting, and for how your figures could look. Note that some of these groups did more than the experiments asked them for, which we appreciated, but it is enough to stick to the barebone project requirements. We only give examples for Step 1 as we would like to think independently about visualizing results for the following two steps.

Step 1 - Group 1

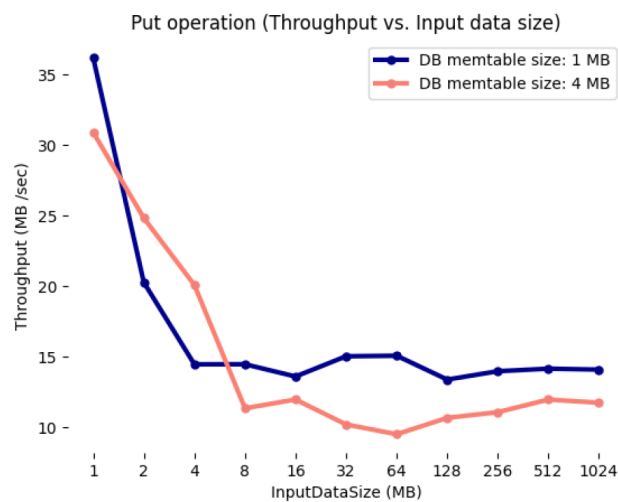


Figure 1: Throughput for PUT operations as the data grows

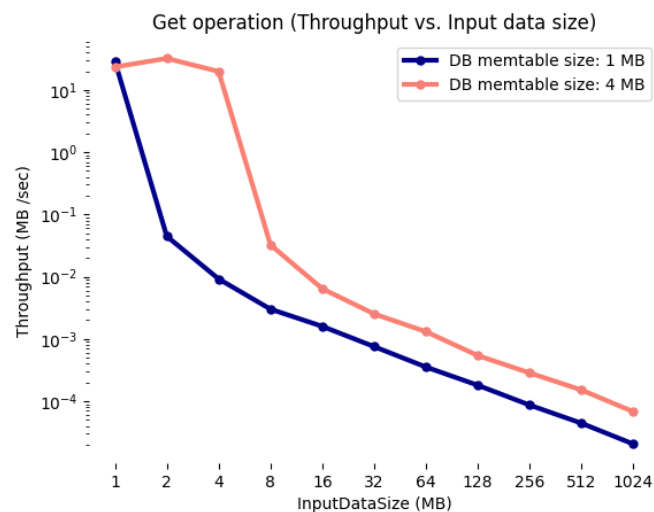


Figure 2: Throughput for GET operation as the data grows

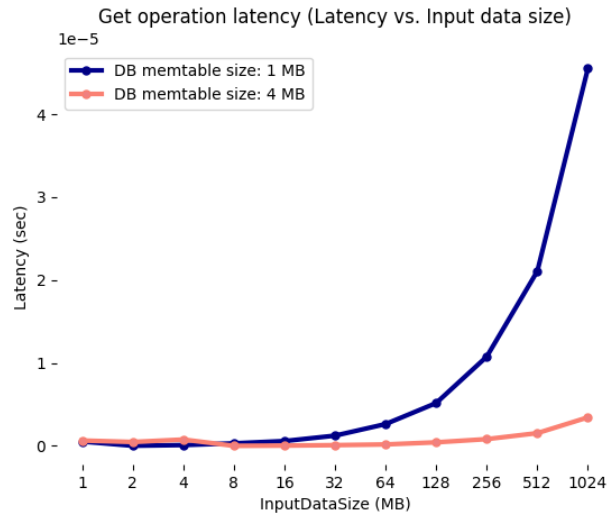


Figure 3: Latency for GET operation on various input data size

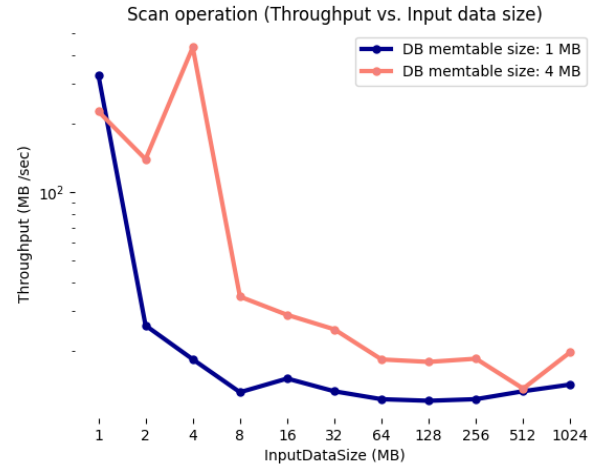


Figure 4: Throughput for SCAN operation on various input data size.

Step 1 - Group 2

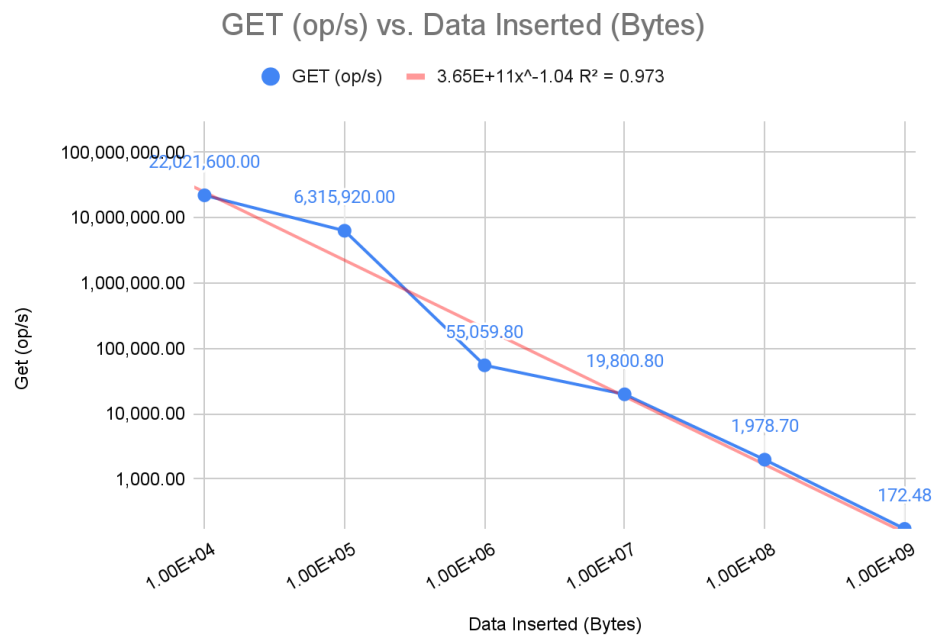


Figure 5: Number of get operations per second as key value store increases in size to 1GB. 1

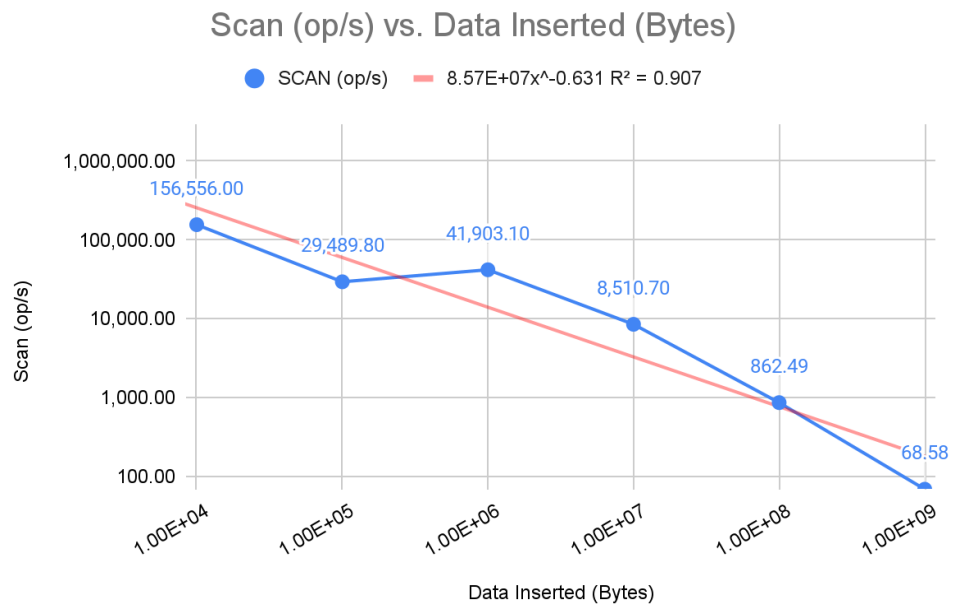


Figure 6: Number of scan operations per second as key value store increases in size to 1GB. 100

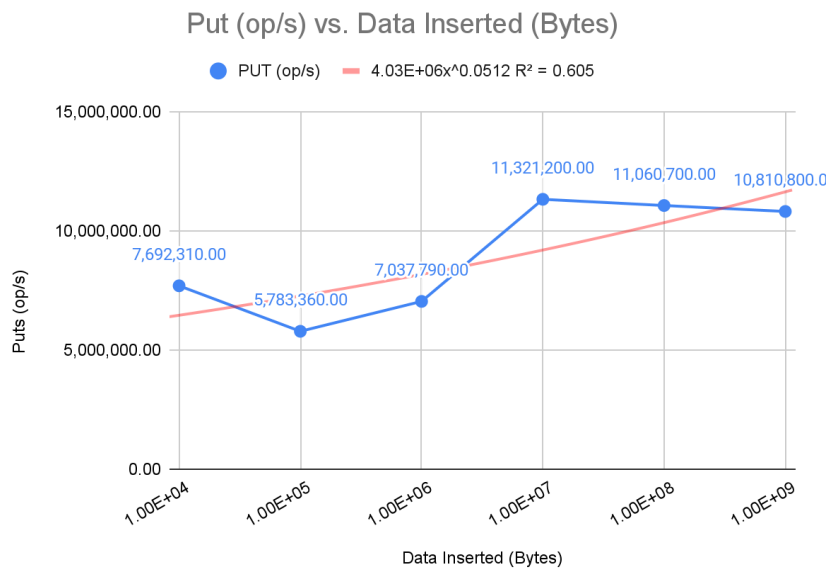


Figure 7: Number of put operations per second as key value store increases in size to 1GB. 100 put

Step 1 - Group 3

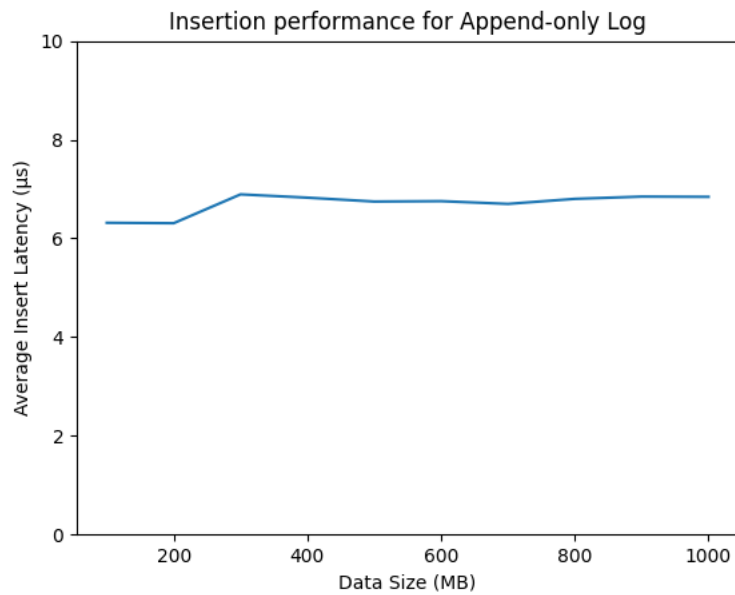


Figure 8: Insertion Performance for Append only log,

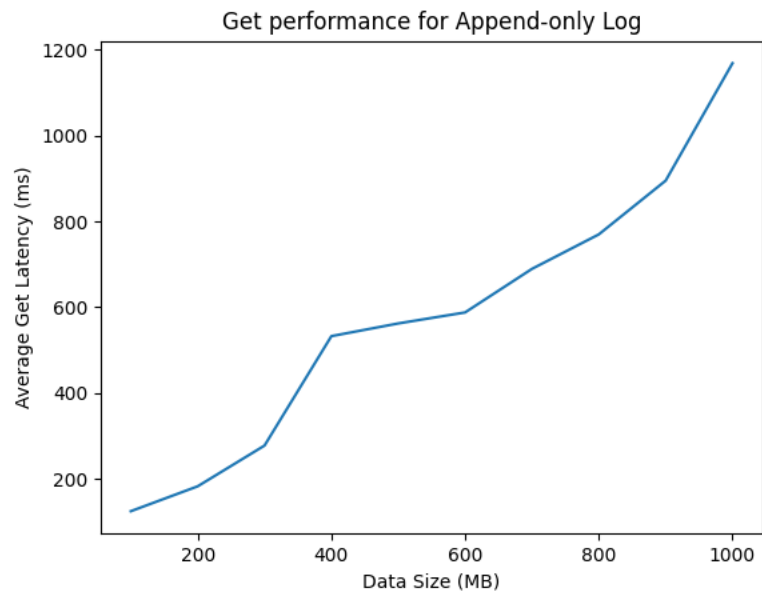


Figure 9: Get performance for Append only log

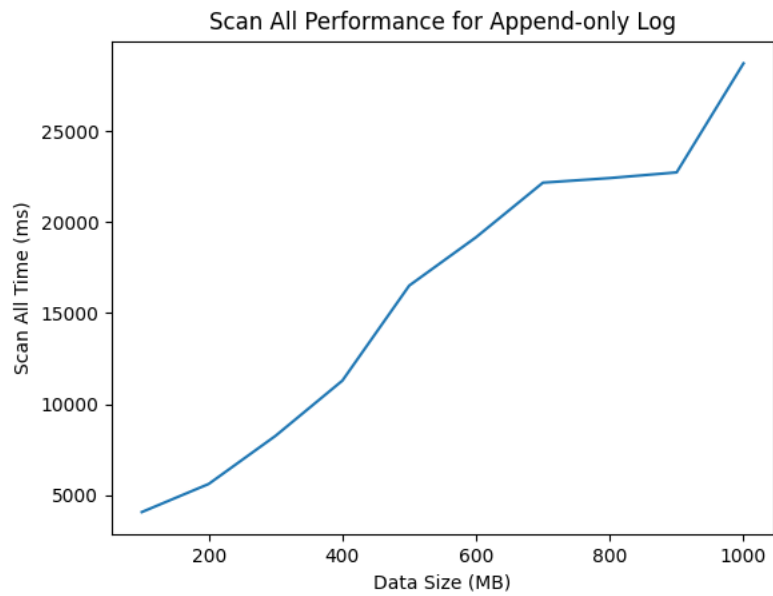


Figure 10: Scan performance for Append only logs