

Performance Testing Report Summary

performance test results for both SET and GET operations:The tests were run under various conditions defined by the total number of requests and parallel clients.

Table 1: 10,000 Requests with 10 Clients

Request Type	Total Requests	Time (sec)	Throughput (req/sec)	Avg Latency (ms)	Min Latency (ms)	Max Latency (ms)
SET	10,000	0.18	54,644.81	0.144	0.032	3.783
GET	10,000	0.19	53,475.93	0.159	0.032	2.679

Table 2: 10,000 Requests with 100 Clients

Request Type	Total Requests	Time (sec)	Throughput (req/sec)	Avg Latency (ms)	Min Latency (ms)	Max Latency (ms)
SET	10,000	0.27	36,496.35	2.108	0.416	9.279
GET	10,000	0.26	38,022.81	1.955	0.440	15.327

Table 3: 10,000 Requests with 1,000 Clients

Request Type	Total Requests	Time (sec)	Throughput (req/sec)	Avg Latency (ms)	Min Latency (ms)	Max Latency (ms)
SET	10,000	0.18	56,818.18	9.452	3.288	19.919
GET	10,000	0.21	47,169.81	11.233	3.056	32.607

Table 4: 100,000 Requests with 10 Clients

Request Type	Total Requests	Time (sec)	Throughput (req/sec)	Avg Latency (ms)	Min Latency (ms)	Max Latency (ms)
SET	100,000	2.67	37,495.31	0.216	0.032	11.871
GET	100,000	2.37	42,158.52	0.192	0.032	5.671

Table 5: 100,000 Requests with 100 Clients

Request Type	Total Requests	Time (sec)	Throughput (req/sec)	Avg Latency (ms)	Min Latency (ms)	Max Latency (ms)
SET	100,000	1.49	67,159.17	0.978	0.240	10.527
GET	100,000	1.42	70,521.86	0.907	0.304	7.519

Table 6: 100,000 Requests with 1,000 Clients

Request Type	Total Requests	Time (sec)	Throughput (req/sec)	Avg Latency (ms)	Min Latency (ms)	Max Latency (ms)
SET	100,000	1.83	54,614.96	9.403	2.280	37.311
GET	100,000	1.88	53,191.49	10.825	2.160	54.335

Table 7: 1,000,000 Requests with 10 Clients

Request Type	Total Requests	Time (sec)	Throughput (req/sec)	Avg Latency (ms)	Min Latency (ms)	Max Latency (ms)
SET	1,000,000	14.02	71,347.03	0.107	0.032	6.151
GET	1,000,000	16.98	58,910.16	0.133	0.032	9.479

Table 8: 1,000,000 Requests with 100 Clients

Request Type	Total Requests	Time (sec)	Throughput (req/sec)	Avg Latency (ms)	Min Latency (ms)	Max Latency (ms)
SET	1,000,000	15.85	63,103.43	0.954	0.152	13.471
GET	1,000,000	16.12	62,050.14	0.998	0.352	11.439

Table 9: 1,000,000 Requests with 1,000 Clients

Request Type	Total Requests	Time (sec)	Throughput (req/sec)	Avg Latency (ms)	Min Latency (ms)	Max Latency (ms)
SET	1,000,000	19.13	52,284.85	9.816	2.448	43.807
GET	1,000,000	18.10	55,236.41	9.225	1.928	34.847
