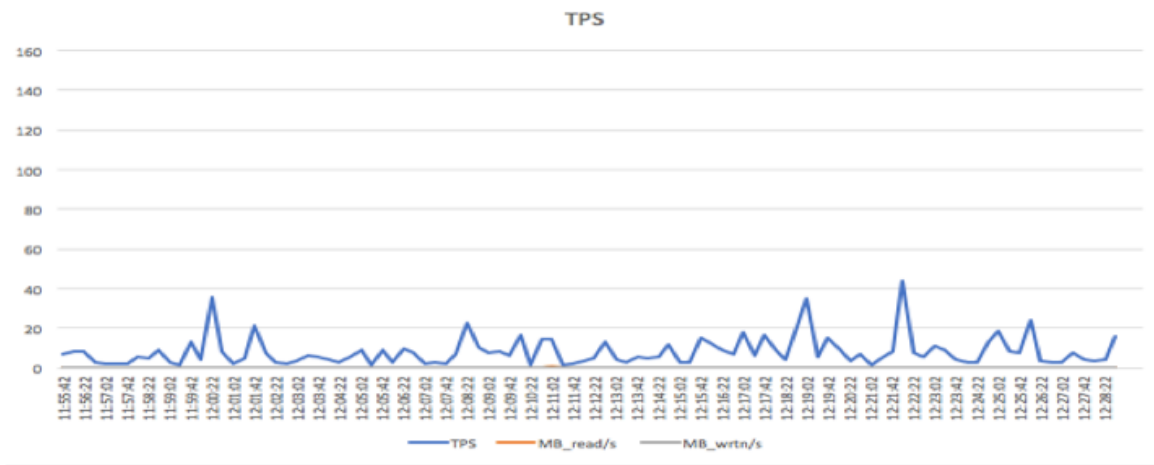


The following charts below depict Transactions Per Second (TPS) captured using iostat on a K8S Cassandra node while performing a CQLSH data loader. During the time period being monitored, several scale and failover events were issued to the Cassandra service running on other nodes that are Cassandra replica ring members of the node being used to load data.

Graph 1 depicts TPS for Cassandra configured using local mount points, while graph 2 depicts TPS Cassandra configured using PX. The same exact node is used during both tests. Make note of the scale value range used to depict TPS (1 – 160) in both graphs. A higher TPS represents higher efficiency and throughput for storage access used in both test scenarios. Clearly TPS for PX reflects favorably over using local storage.

Graph 1 – iostat while using local mounted volumes (100 iterations every 20 seconds)



Graph 2 – iostat while using PX managed volumes (100 iterations every 20 seconds)

