



Replication Factor = 3  
min.insync.replicas = 2

## **Performance Matrices:**

### **Producer throughput :**

- Partition numbers will be varied (3,6,9..) to measure throughput
- Unit: bytes/sec
- Messages will be sent in batches, Batch size= 16 KB (default, can be varied)

### **Network Request rate :**

- Considers number of network requests per second.
- If a particular broker's network bandwidth exceeds threshold, it indicates the need to scale up the number of brokers.
- Also improves latency.
- Unit: requests/sec