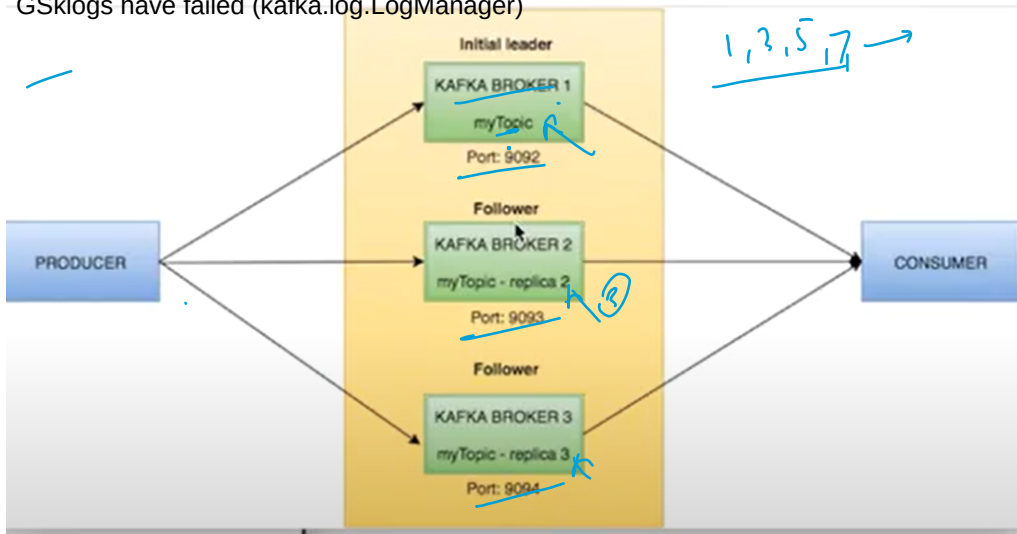


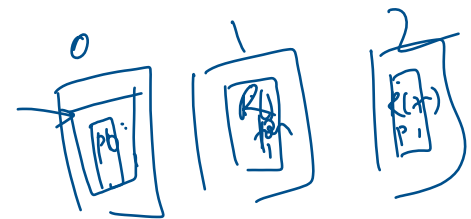
✓ Lab - Kafka Multi Broker Cluster - Single Node Zookeeper

04:27 PM
 ERROR Shutdown broker because all log dirs in
 E:\TH_DevOps\KafkaLab\kafka\bin\windows\TH_DevOpsKafkaLabkafkaLO
 GSKlogs have failed (kafka.log.LogManager)



- ✓ In product system these brokers runs on same port
- ✓ Cp config/server.properties config/servertwo.properties
- ✓ Cp config/server.properties config/serverthree.properties

Open file and change
 broker id - 0, 1, 2 respectively
 Port=~~9092~~, 9093, 9094
 Change logs directory as well
 dataDir=logs1/2/3 respectively



- ✓ First start zookeeper
- ✓ Start first kafka broker
- ✓ Start 2nd kafka broker - make sure add correct config file
- Start 2nd kafka broker - make sure add correct config file

All broker reporting to single zookeeper now

Kafka-topic --create --zookeeper localhost:2181 --replication-factor 3 --partitions 1 --topic test

Now start producer

- Producer only send message to leader broker but also it interact with other brokers
- Kafka-console-producer.sh --broker-list localhost:9092 localhost:9093 localhost:9094 --topic test

Now start consumer

/kafka-console-consumer.sh --zookeeper localhost:2181 --topic test

Now check fault tolerance of kafka cluster

- Kill broker on port 9093 or leader broker
- Now try to see if you still able to send message or not

<https://github.com/spring-projects/spring-kafka/tree/main/samples/sample-01>

