FileSystem: Text,CSV,JSON

Kafka-Connect

Broker10

RDBMS

Broker30

Broker20

JMS/ActiveMQ

Kafka-Connect

MongoDB/Cassandra

ES

S3/HDFS/GCS

0 K1V1 T11 K2V2 T2 2 K4V4T4

P0-Sales

P1-Sales

0 K3V3 T3 1 K5V5 T5 2 K6V6T6

R4

P2

R0

P0

R2

P4

LoadBalancer: NgInx: Broker10,20,30

Cache MetaData

R5

R3

R1

P5

P3

P1

Cache MetaData

Cache MetaData

Cache MetaData

APP: Sales: partitions: 6 replication\_factor:1

Server B : Kafka Broker:20: ActiveController:

Zookeeper1 : Leader: ZNode: filesytem

Zookeeper2 : Follower

Zookeeper2 : Follower

ServerA: Kafka Broker:10

Server D: Kafka Broker:40

Server C: Kafka Broker:30