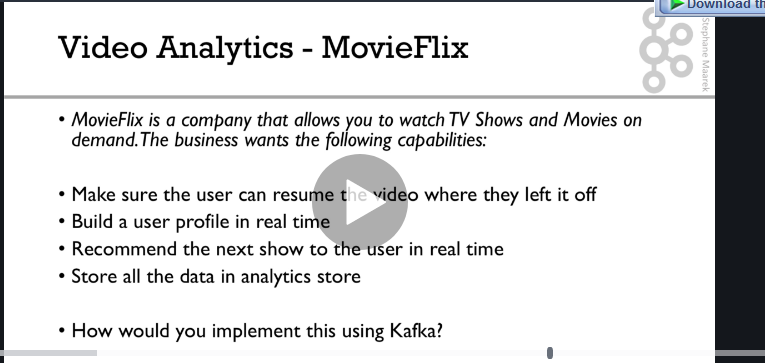
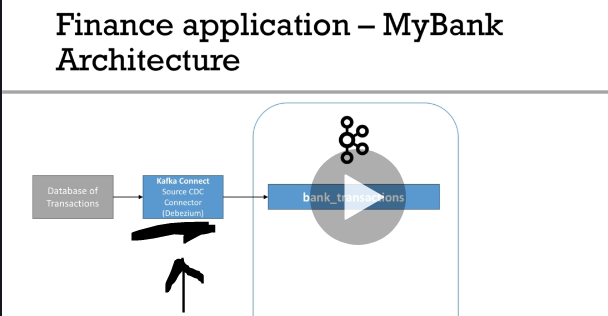
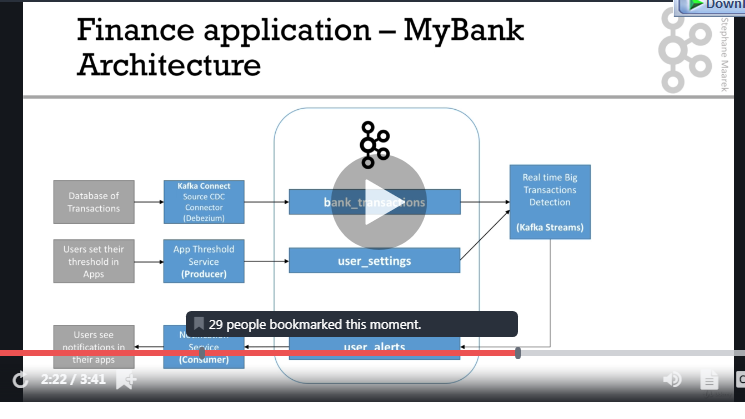
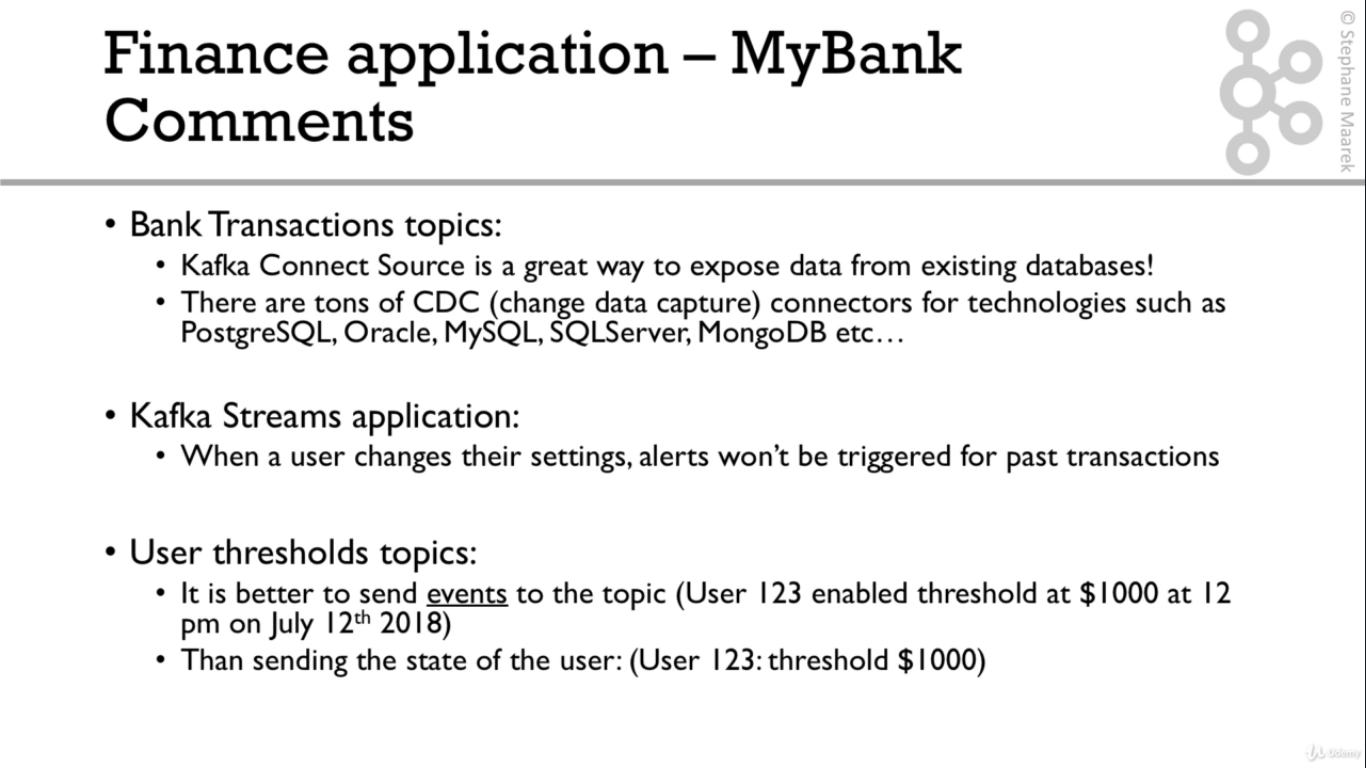
Kafka case studies:

Movie flix:

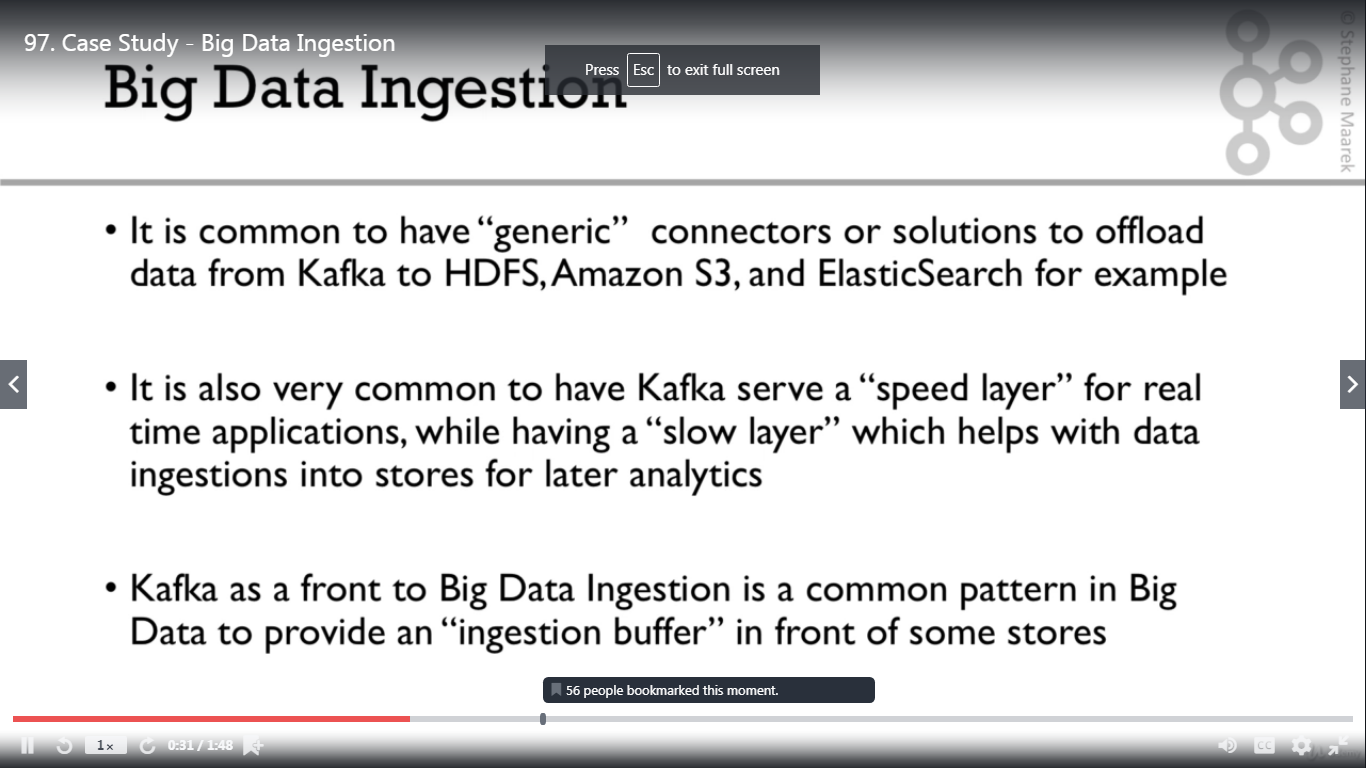


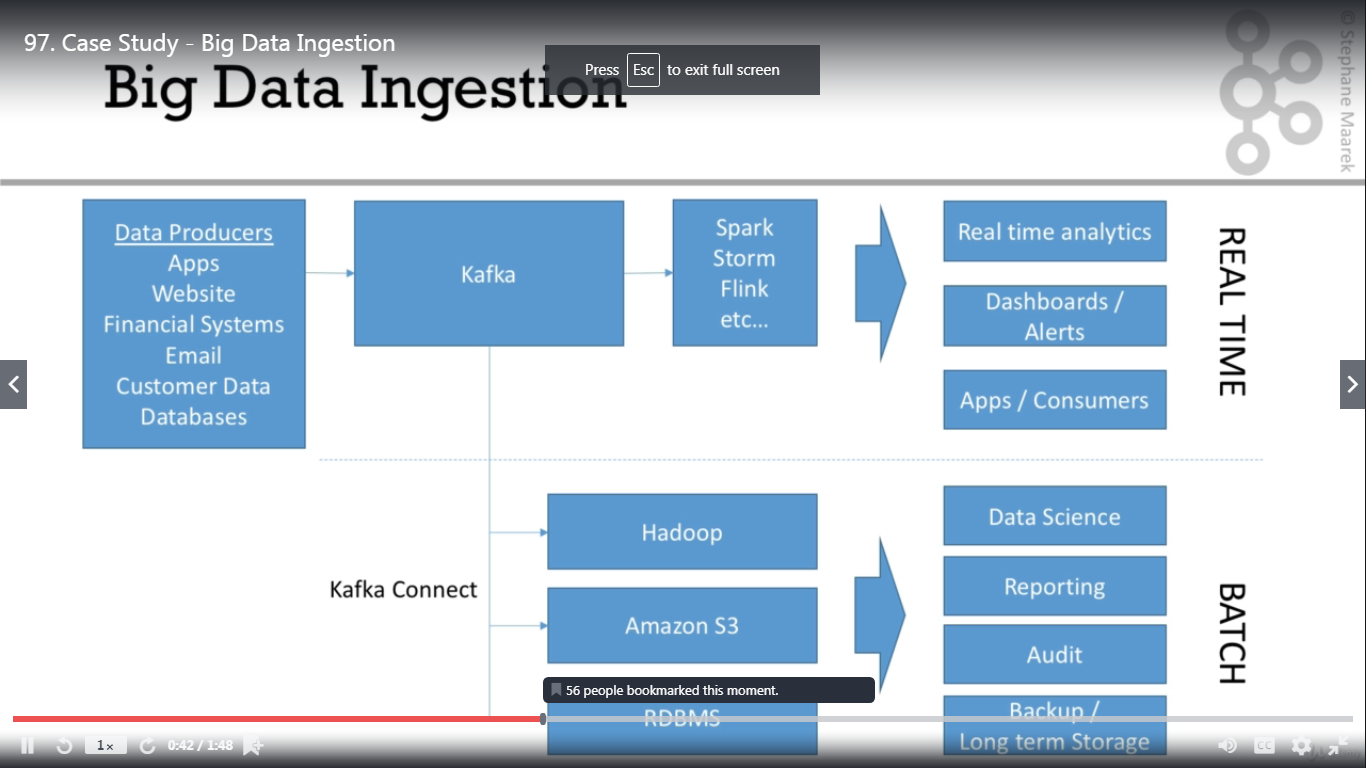




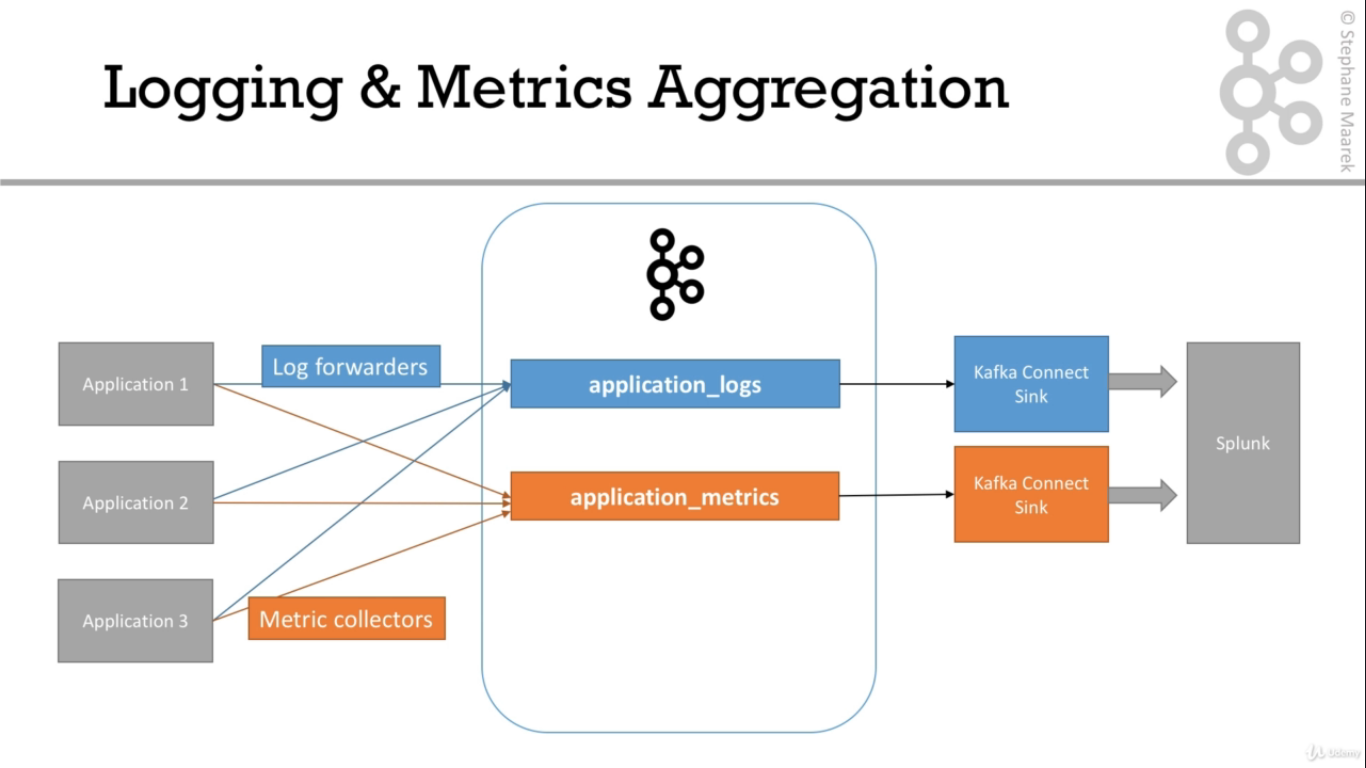


Kafka usercase:

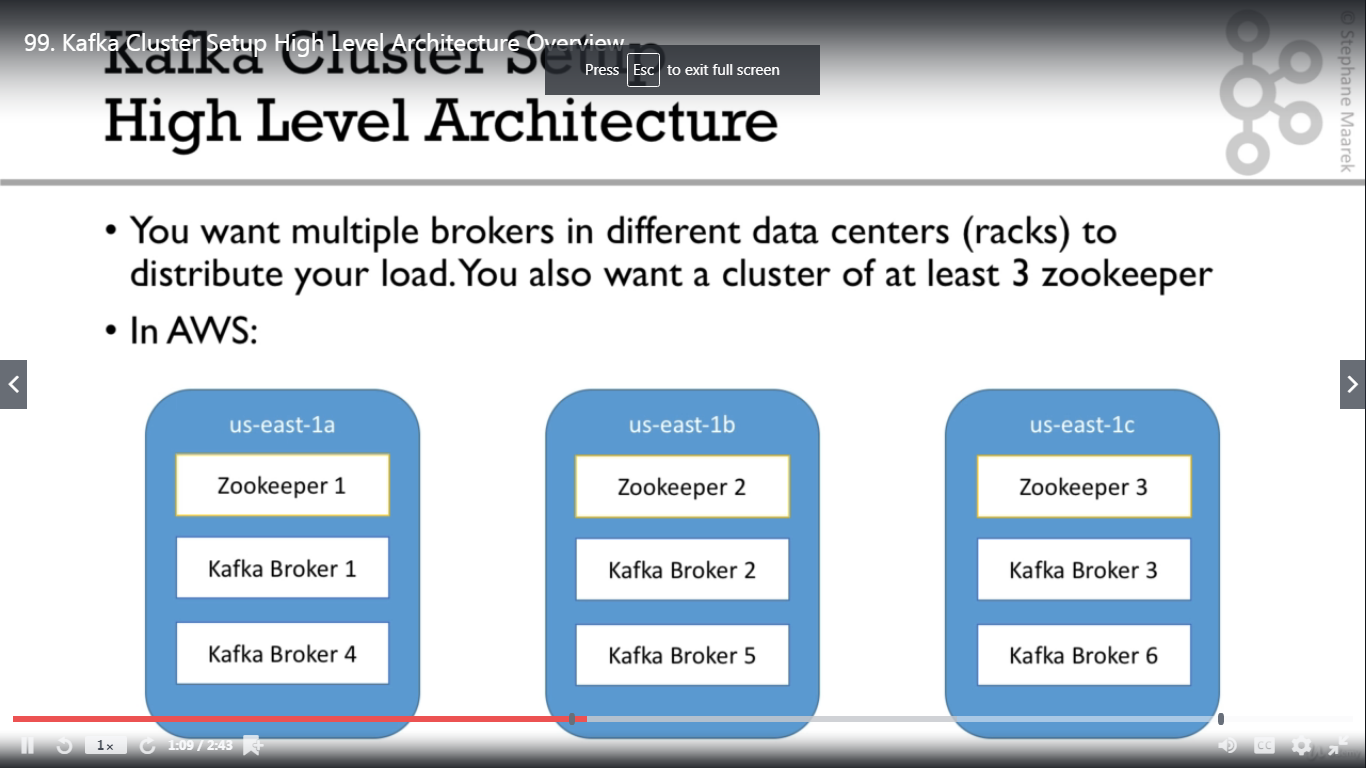


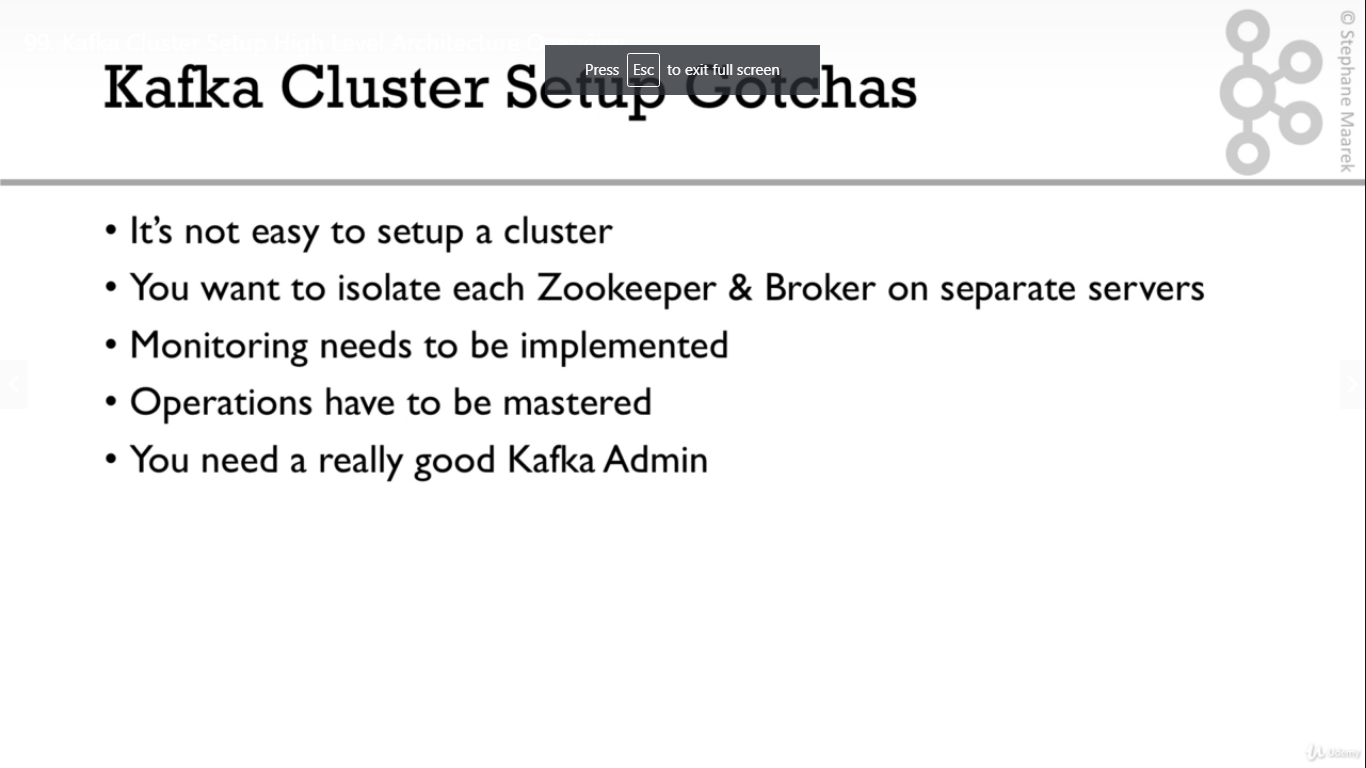


Kafka for log and metric aggregation:

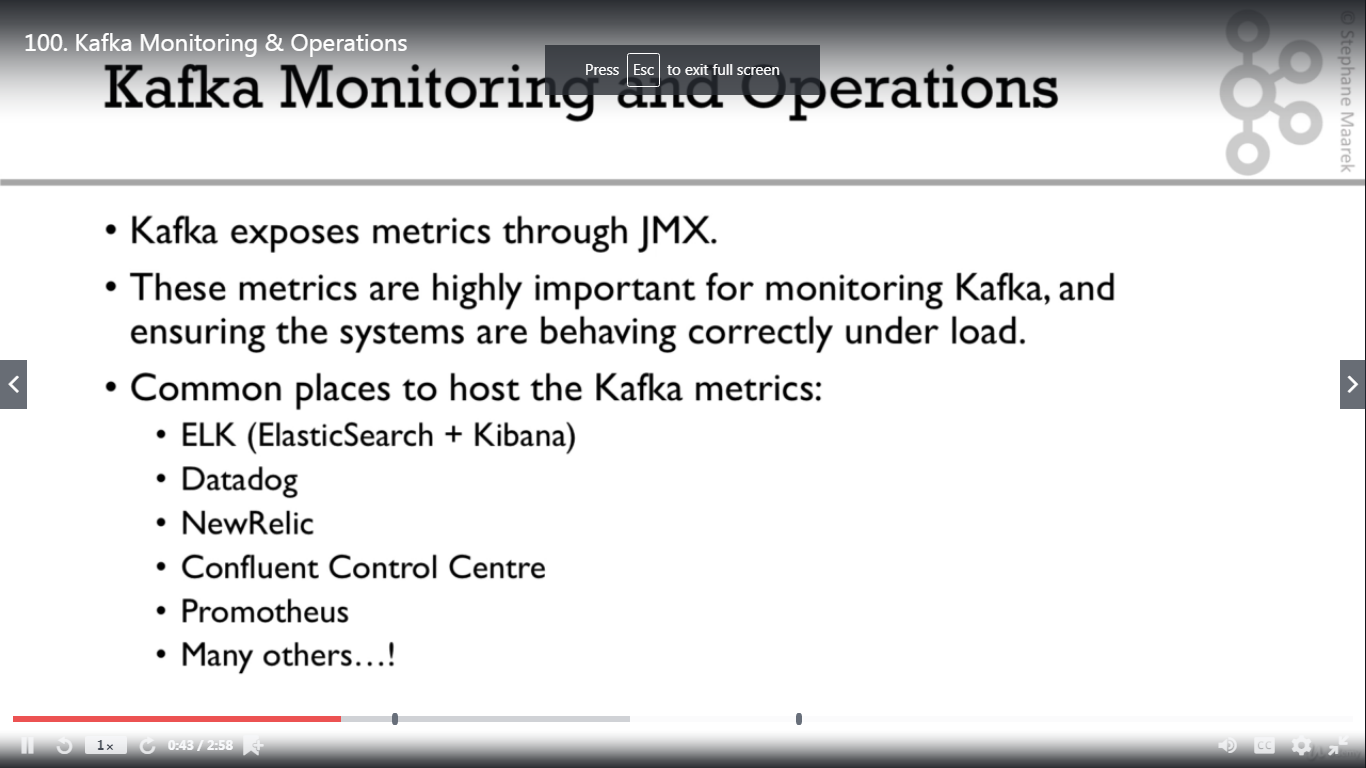


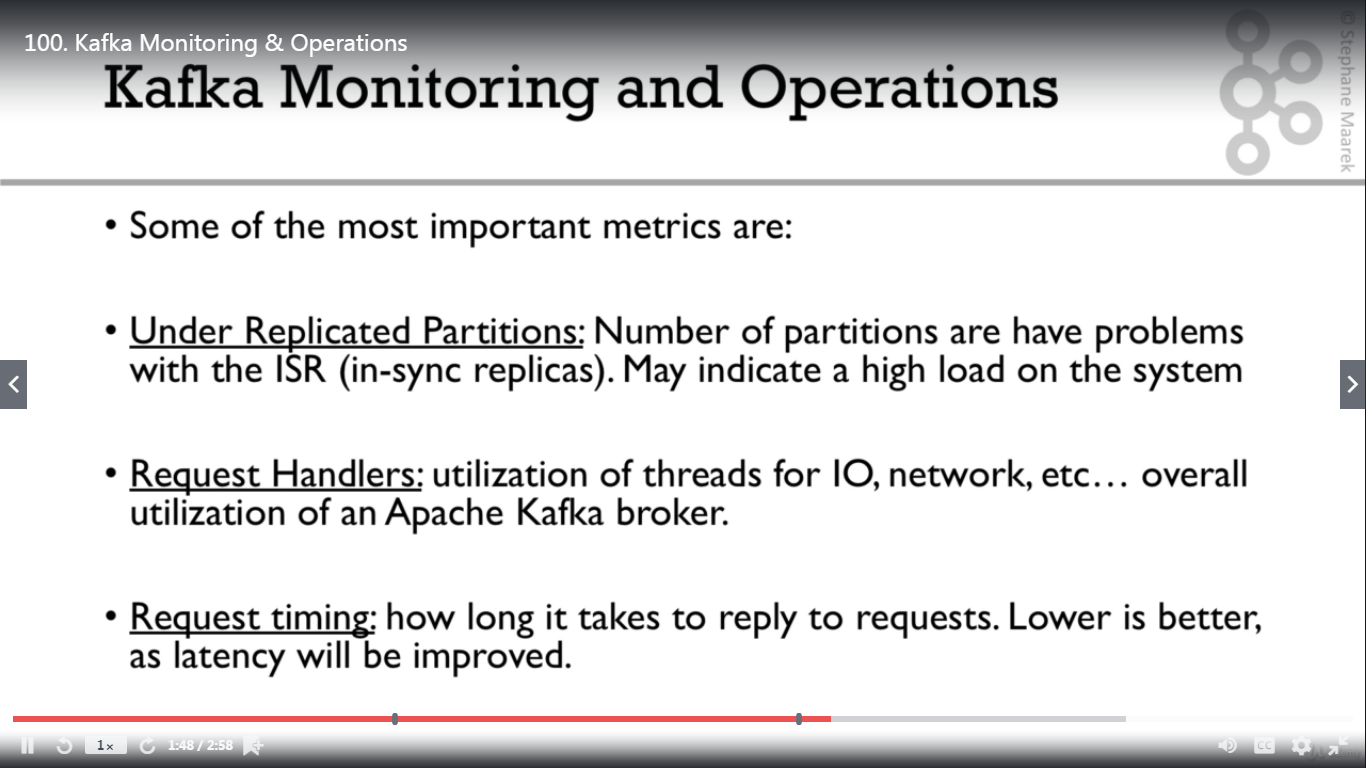
Kafka cluster high level:

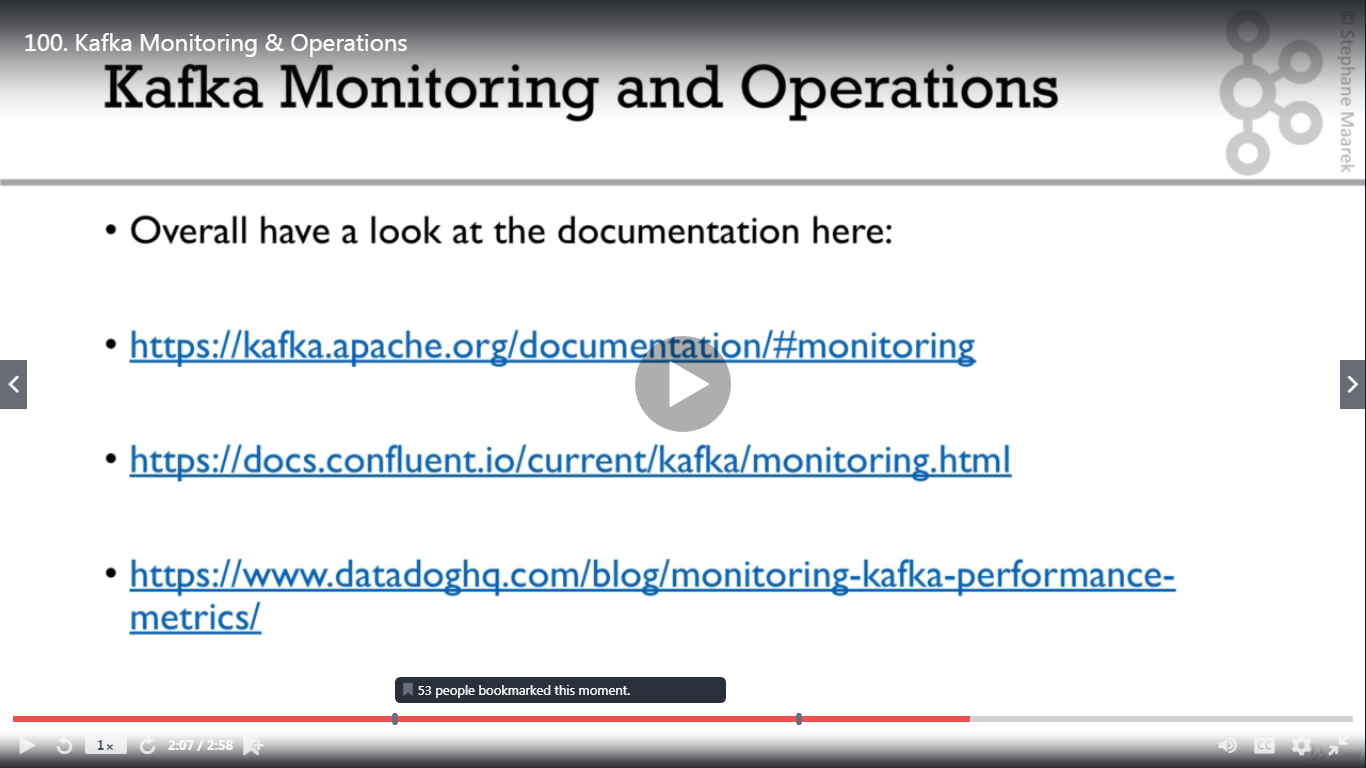




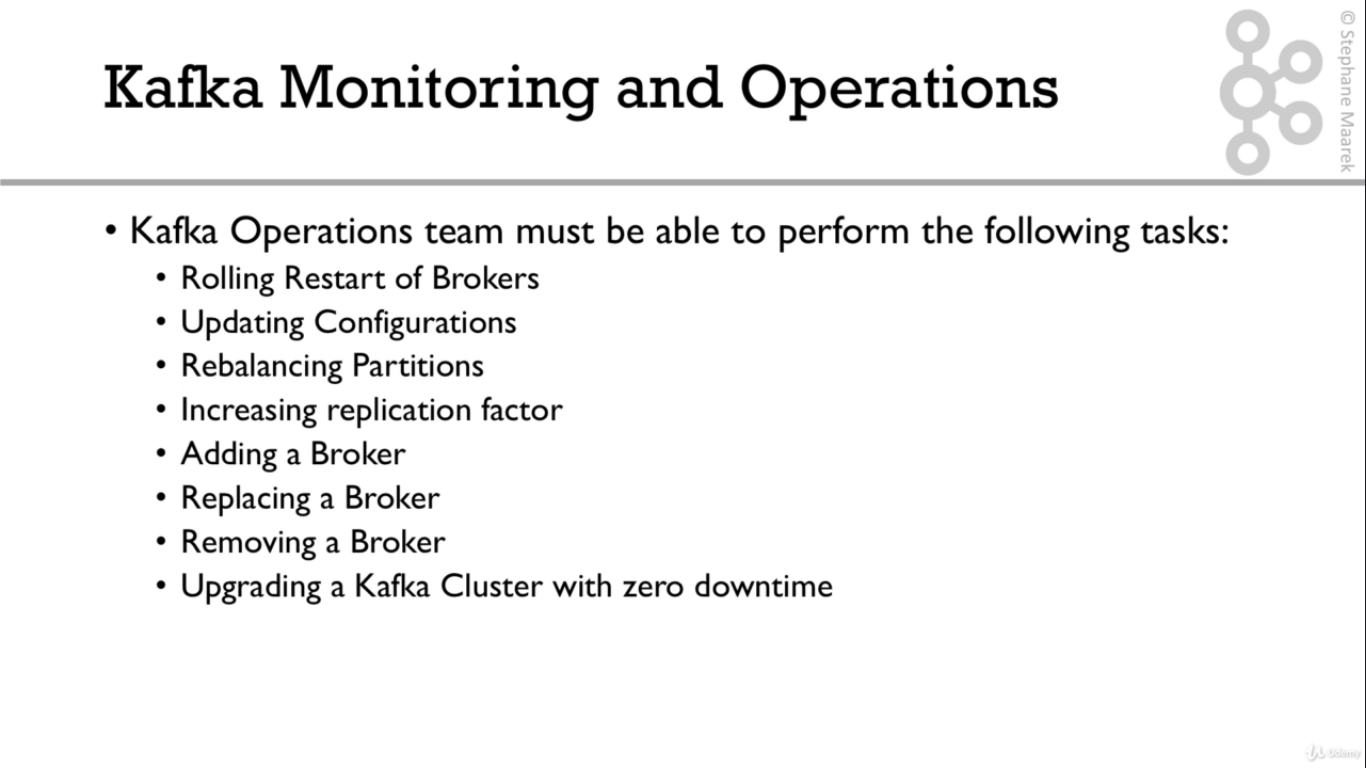
Kafka metrics:



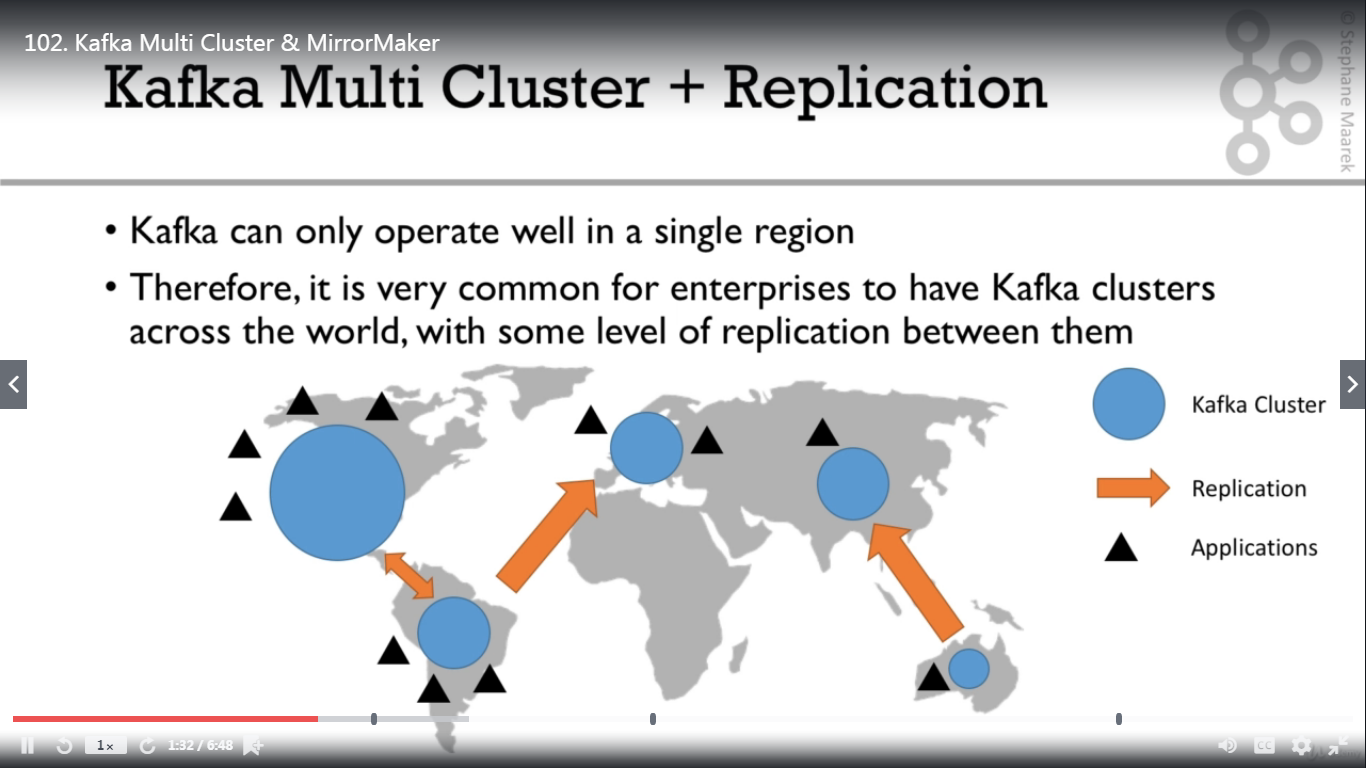




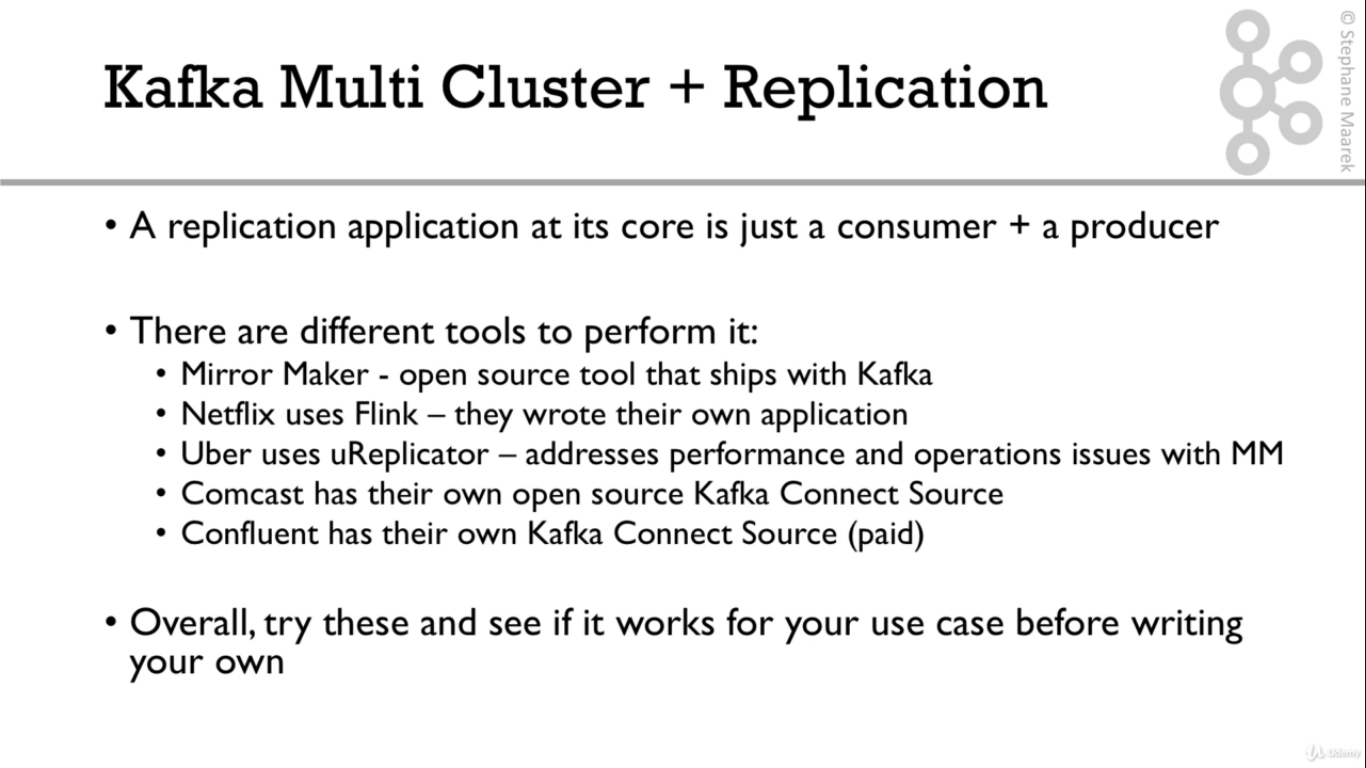
Kafka admins should know:

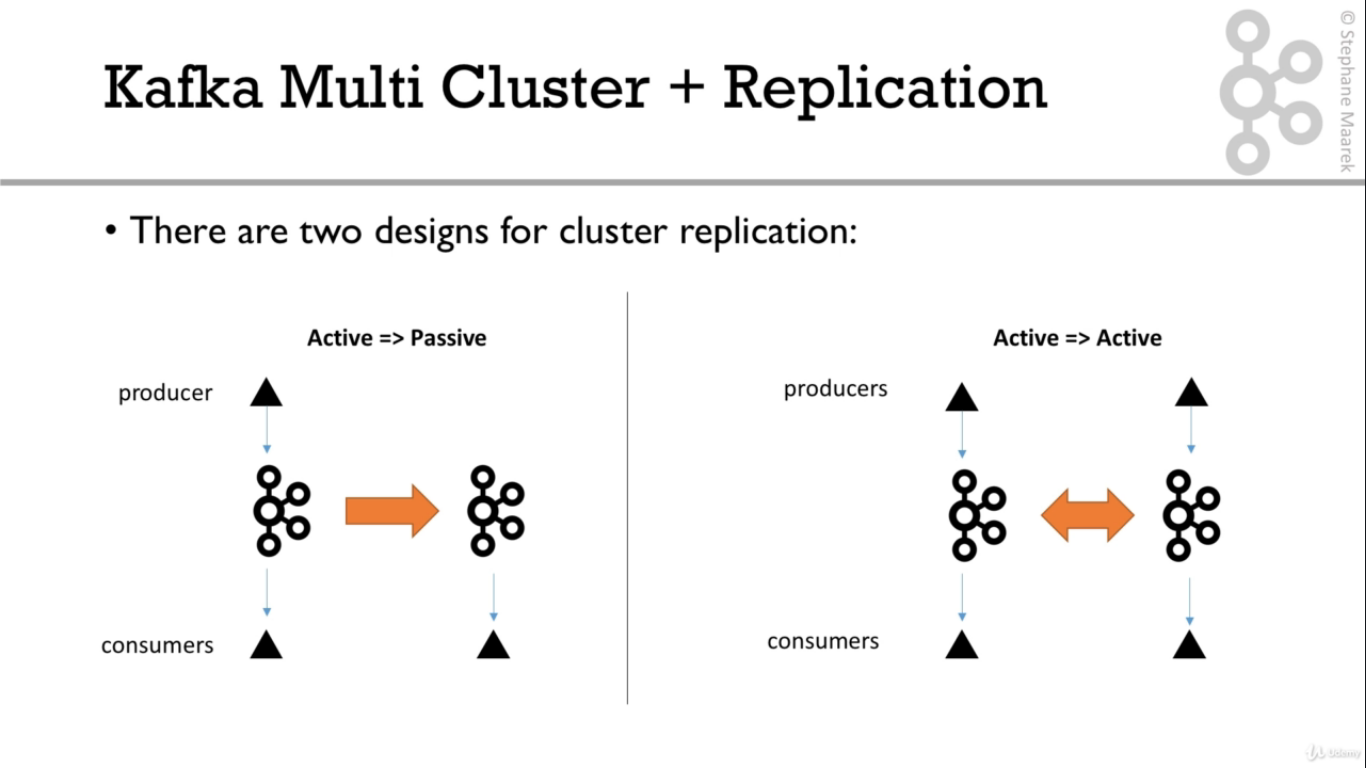


Kafka cluster setup(continent):



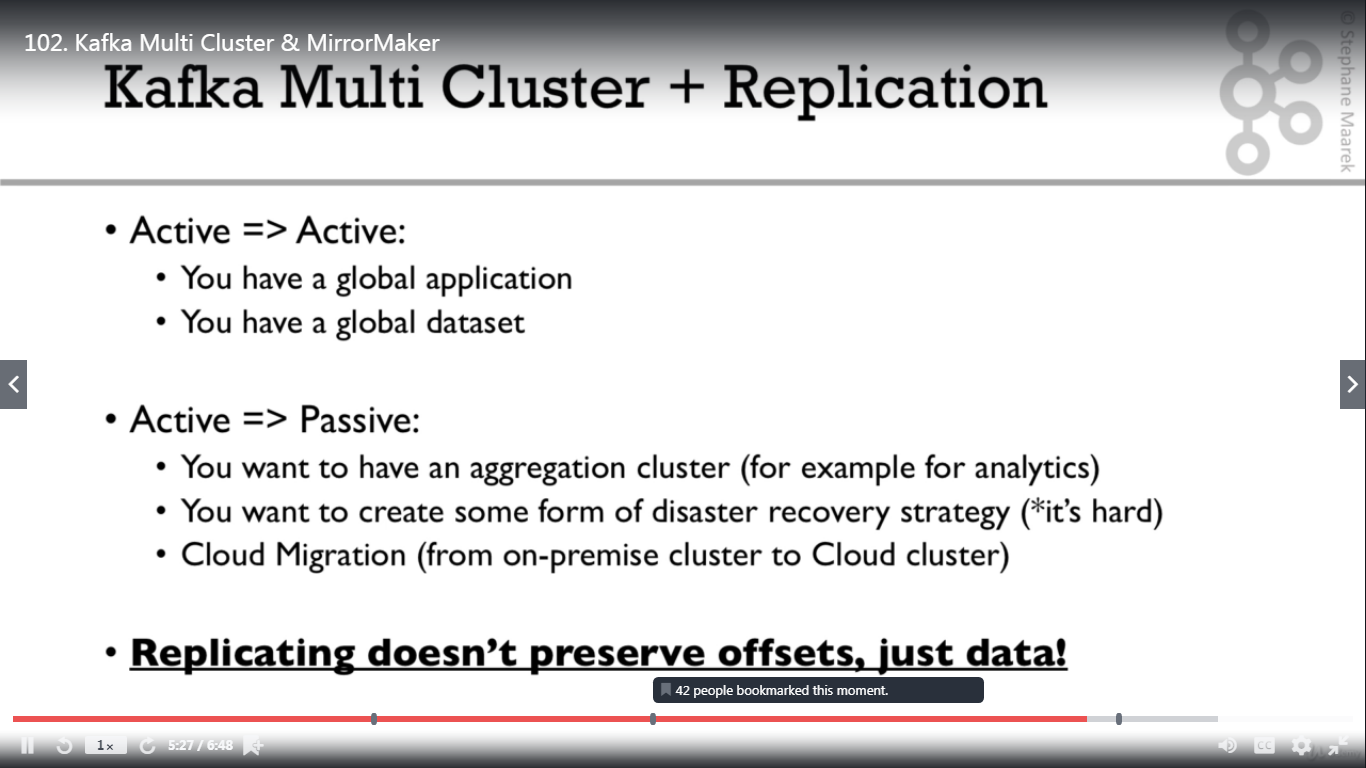
Access data across the cluster in different geographical location:





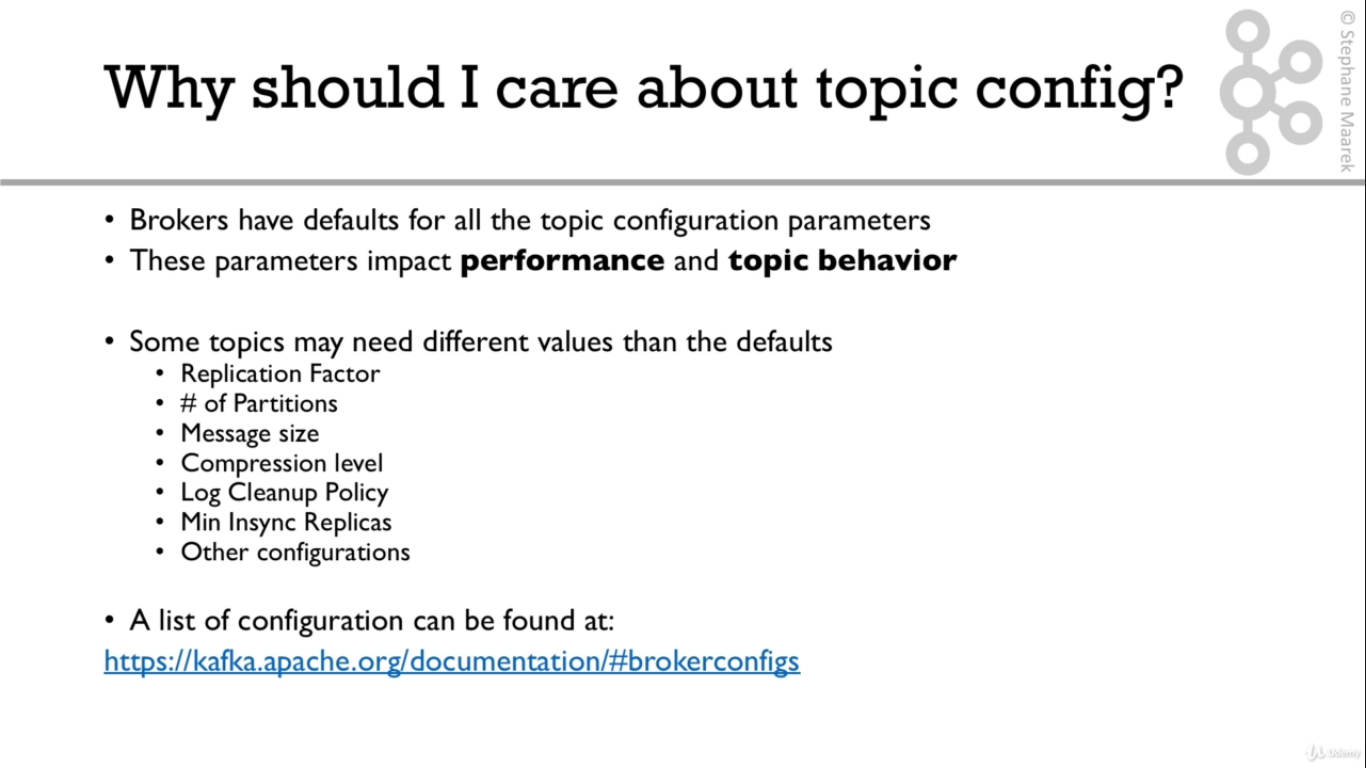
* In active-passive, producer produces to the active cluster and the passive(left) cluster just replicates the data from it.
* In active-active, producer produces to both and mirror same topic and mirror maker is used to sync the data.

Topic in this clusters have a suffix to idently which cluster they are part of.

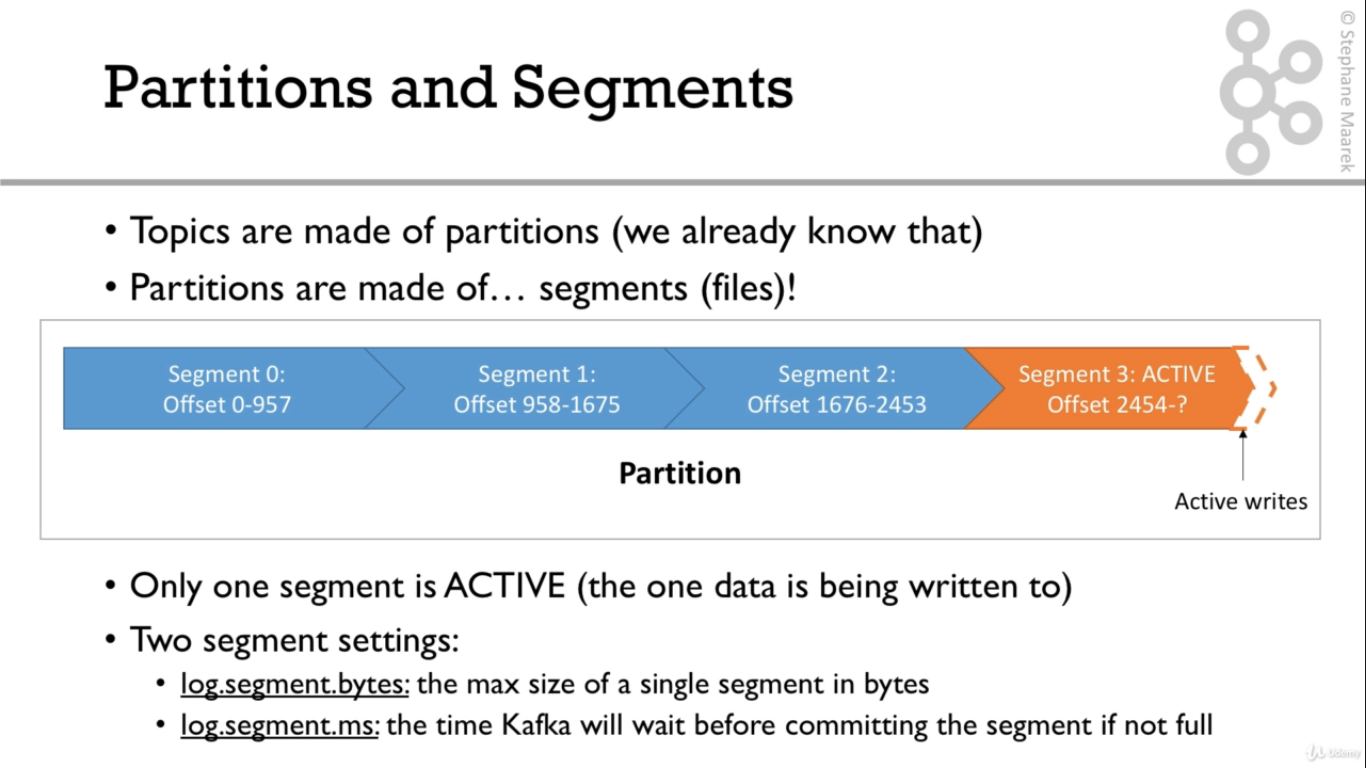




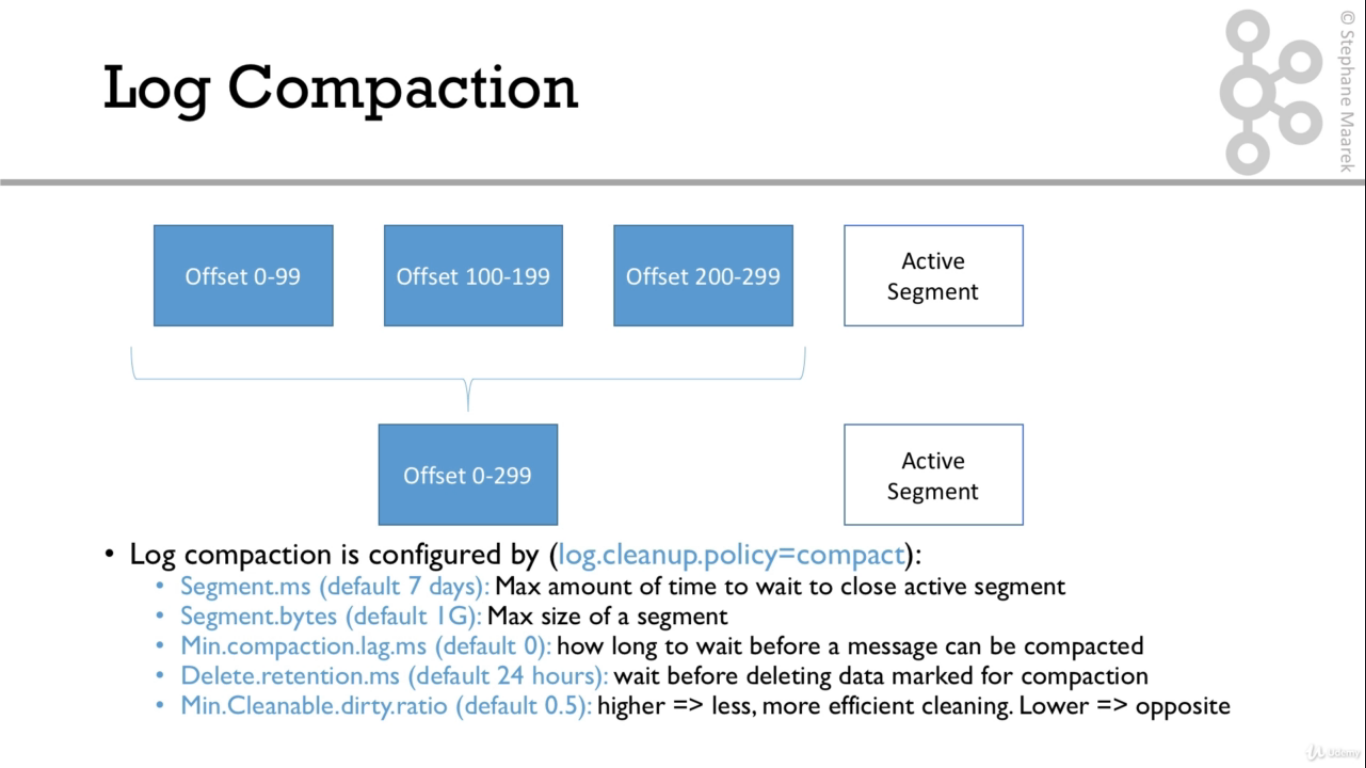
Kafka topic advance configuration:

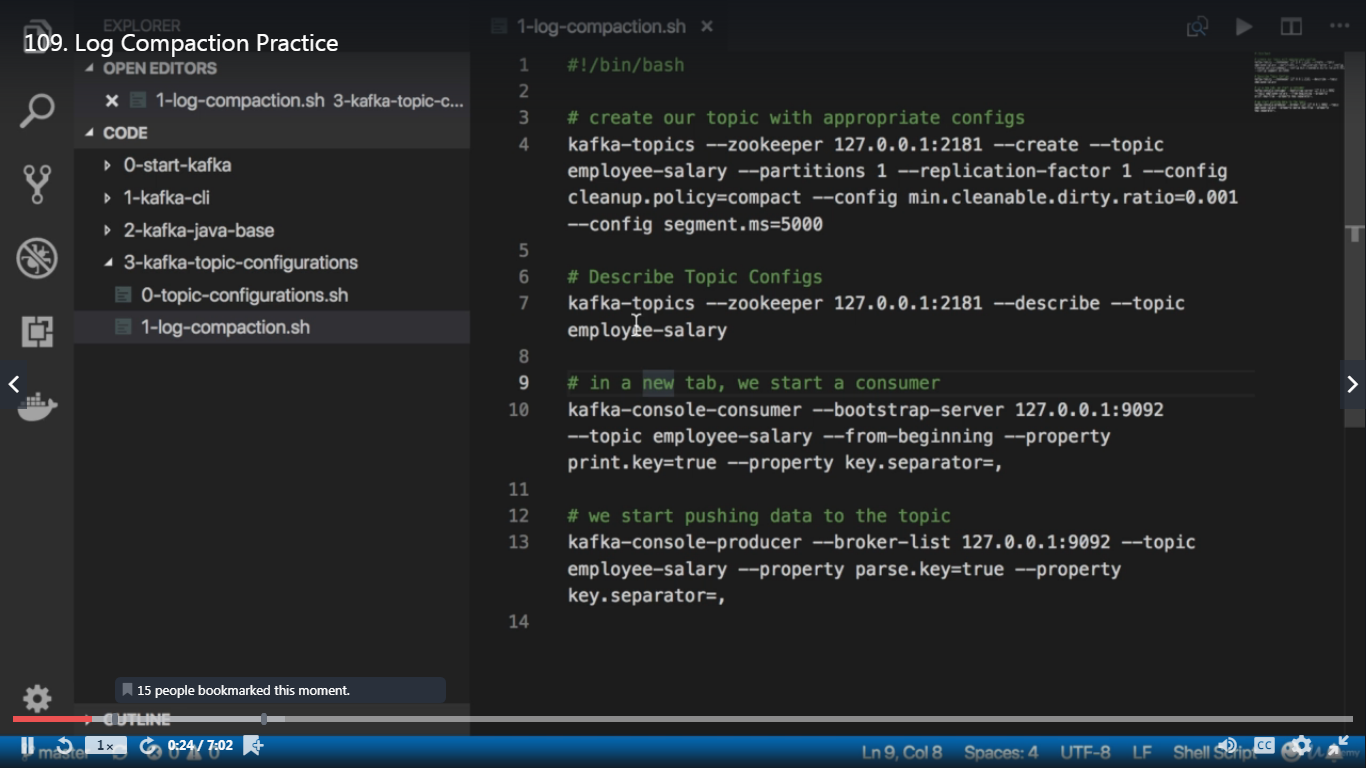


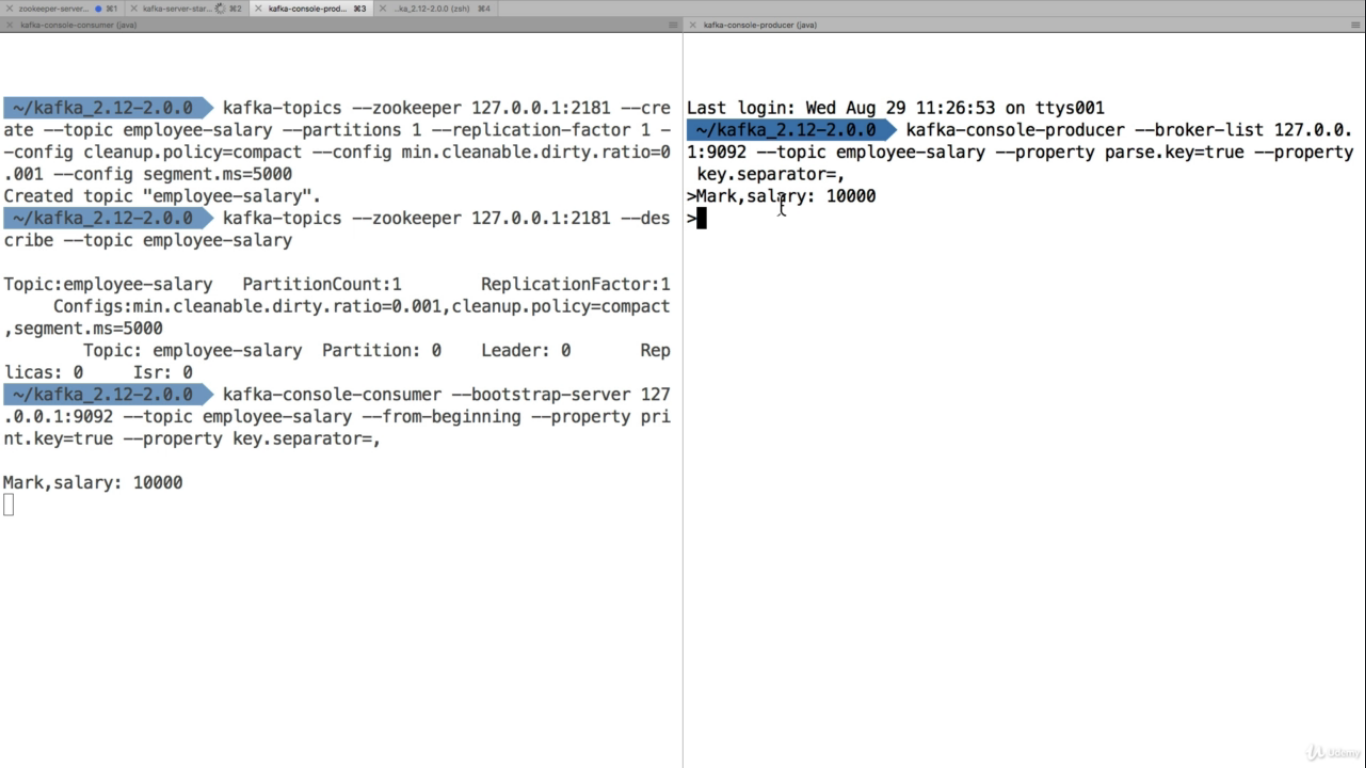
Paritions and segment:



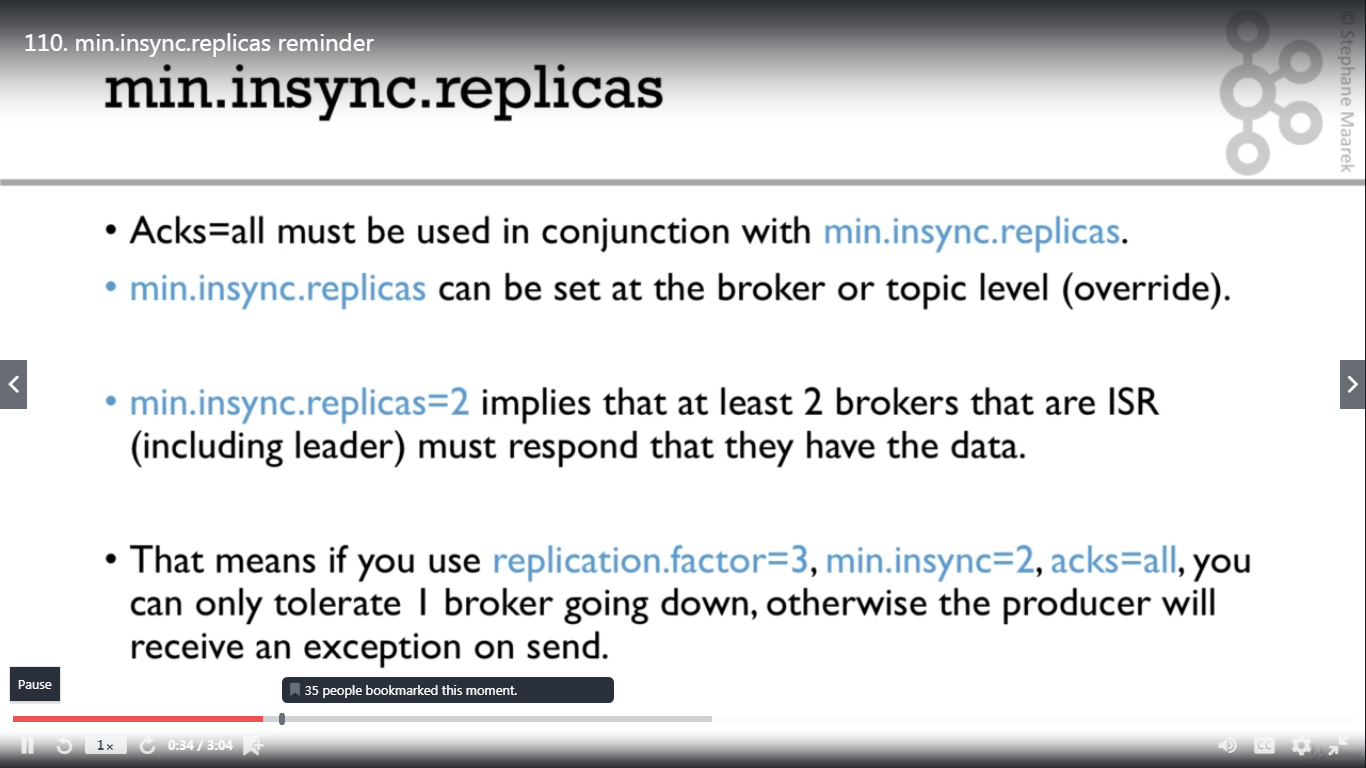
Log compaction :

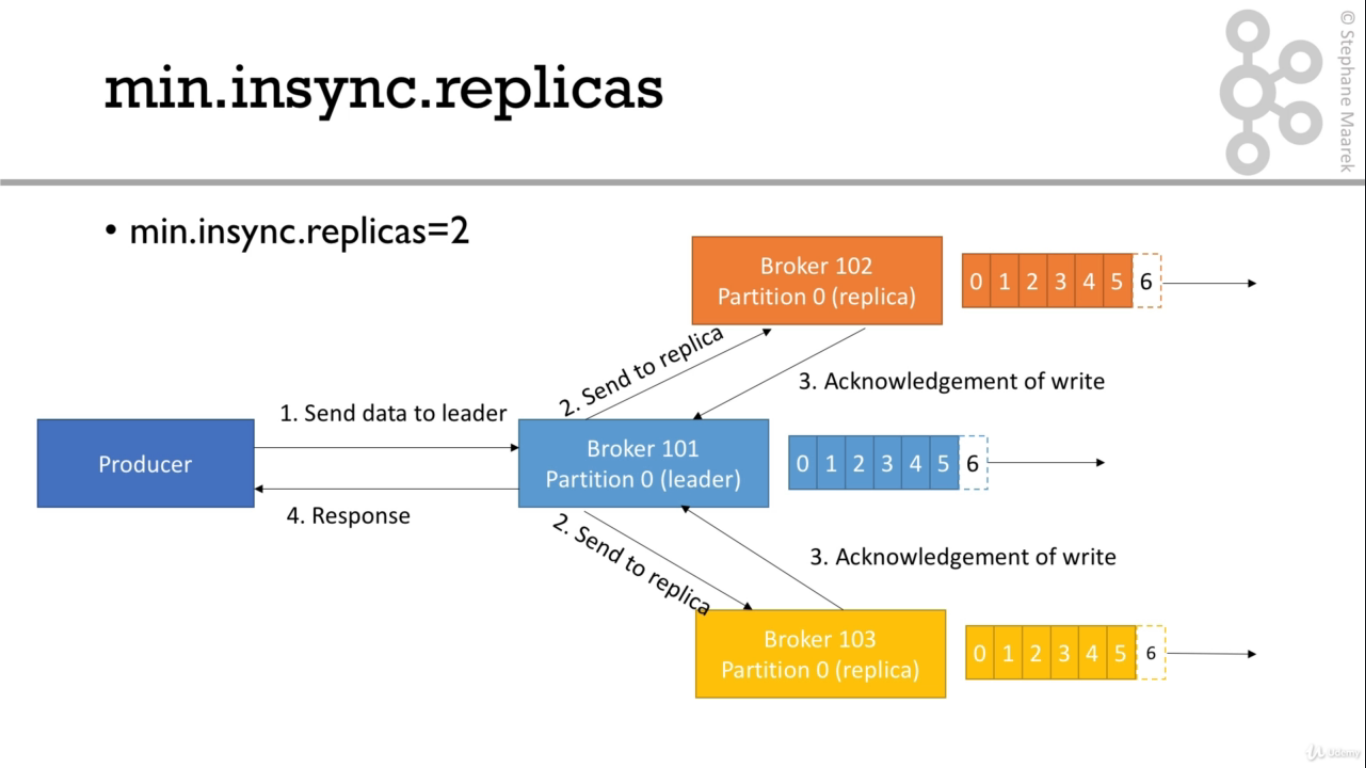


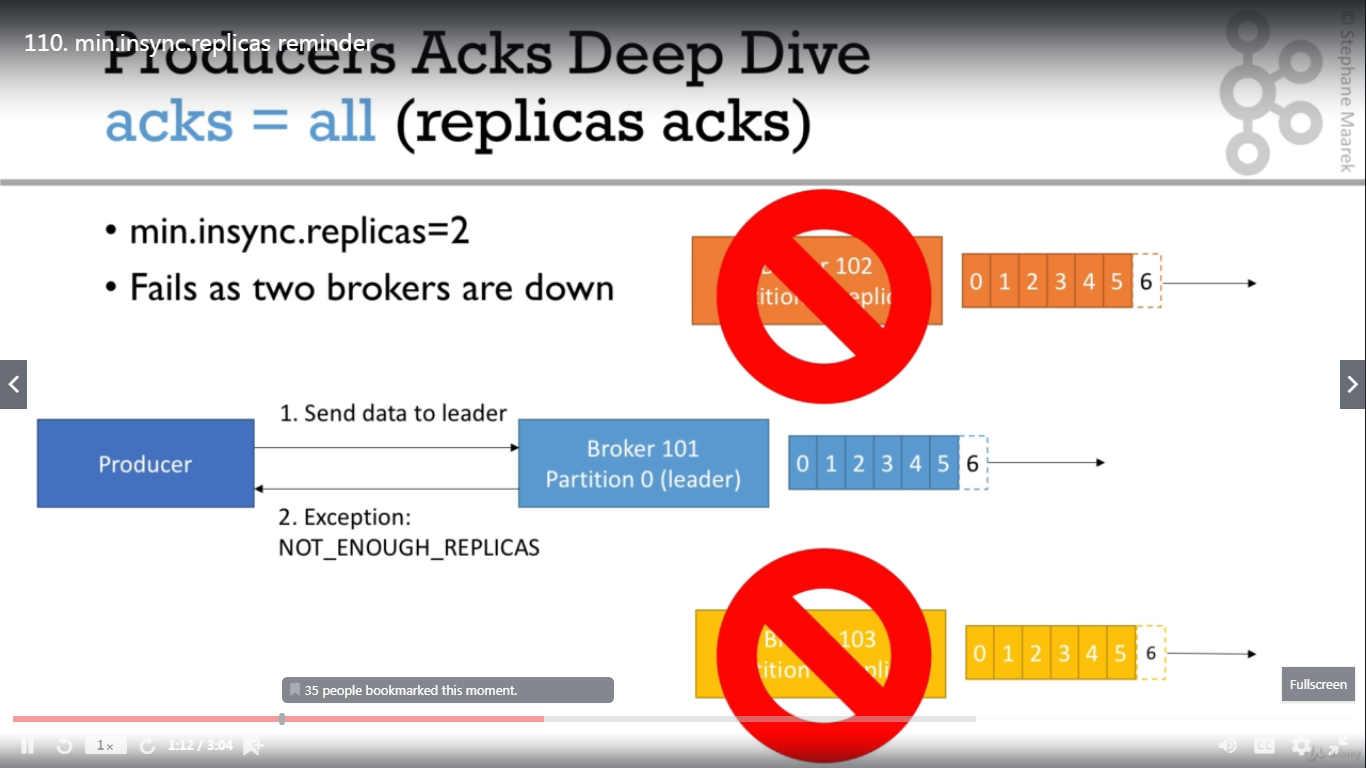




Min.insync.replica:







At topic level: use

Kafka-config –zookeeper localhost:2181 --entity-type= topic –entity-value=twitter –alter –add-config min.insync-replica=2;

At broker levet:

Add below property in server.properties of broker:

Min.insync.replica=2

Atomic transaction across partition:

