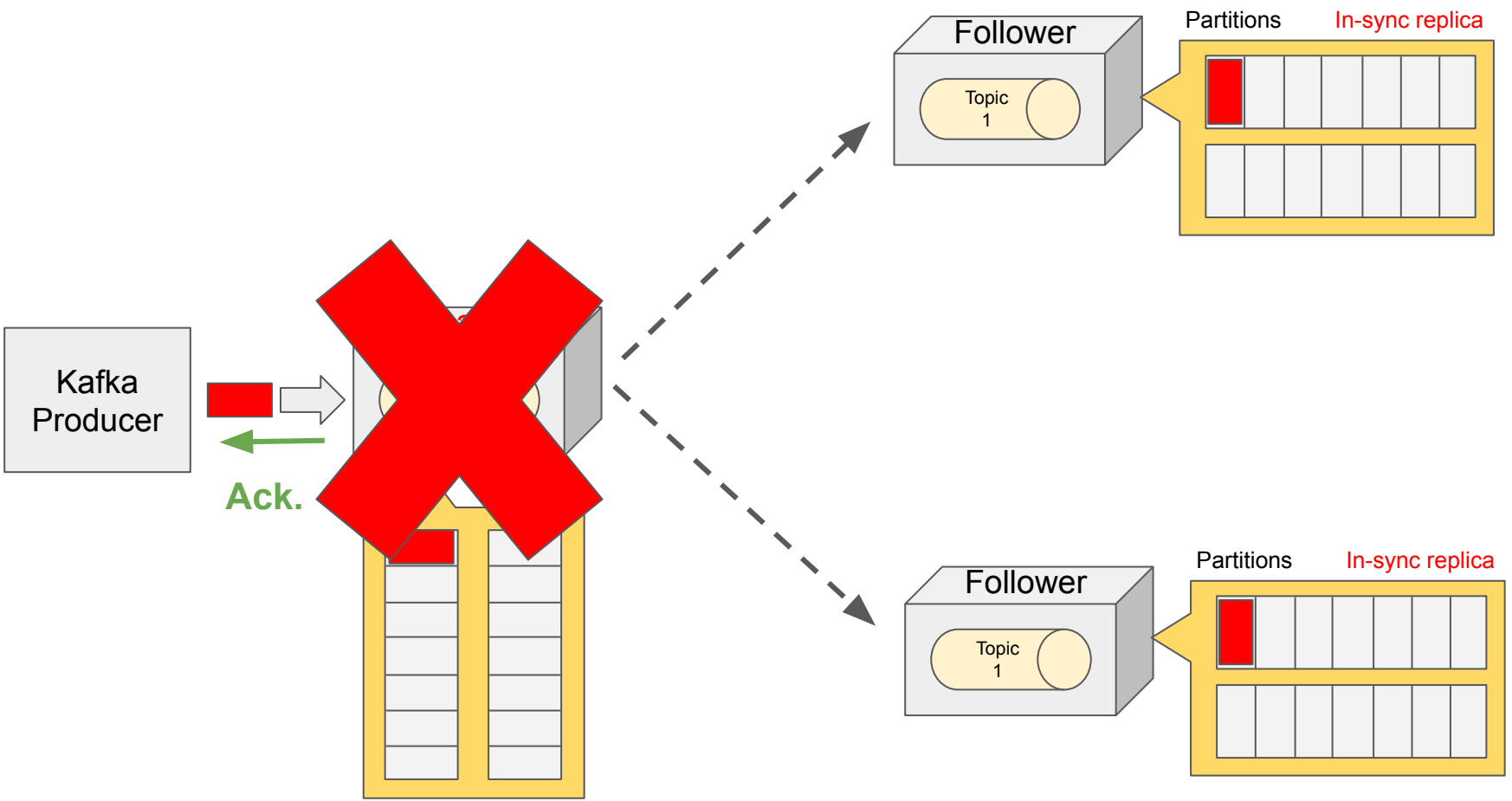
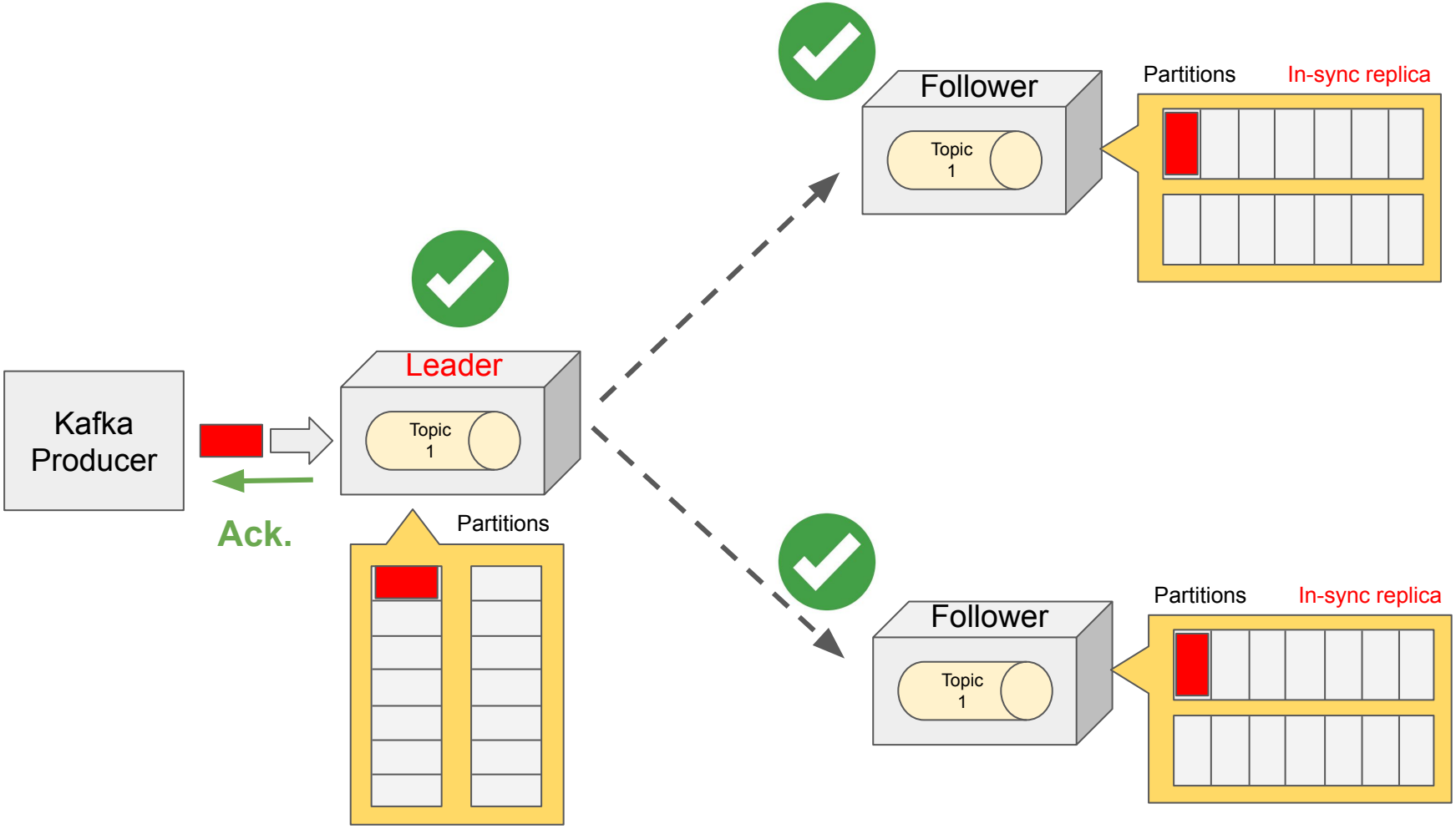
Kafka Producer and Acknowledgement(s)

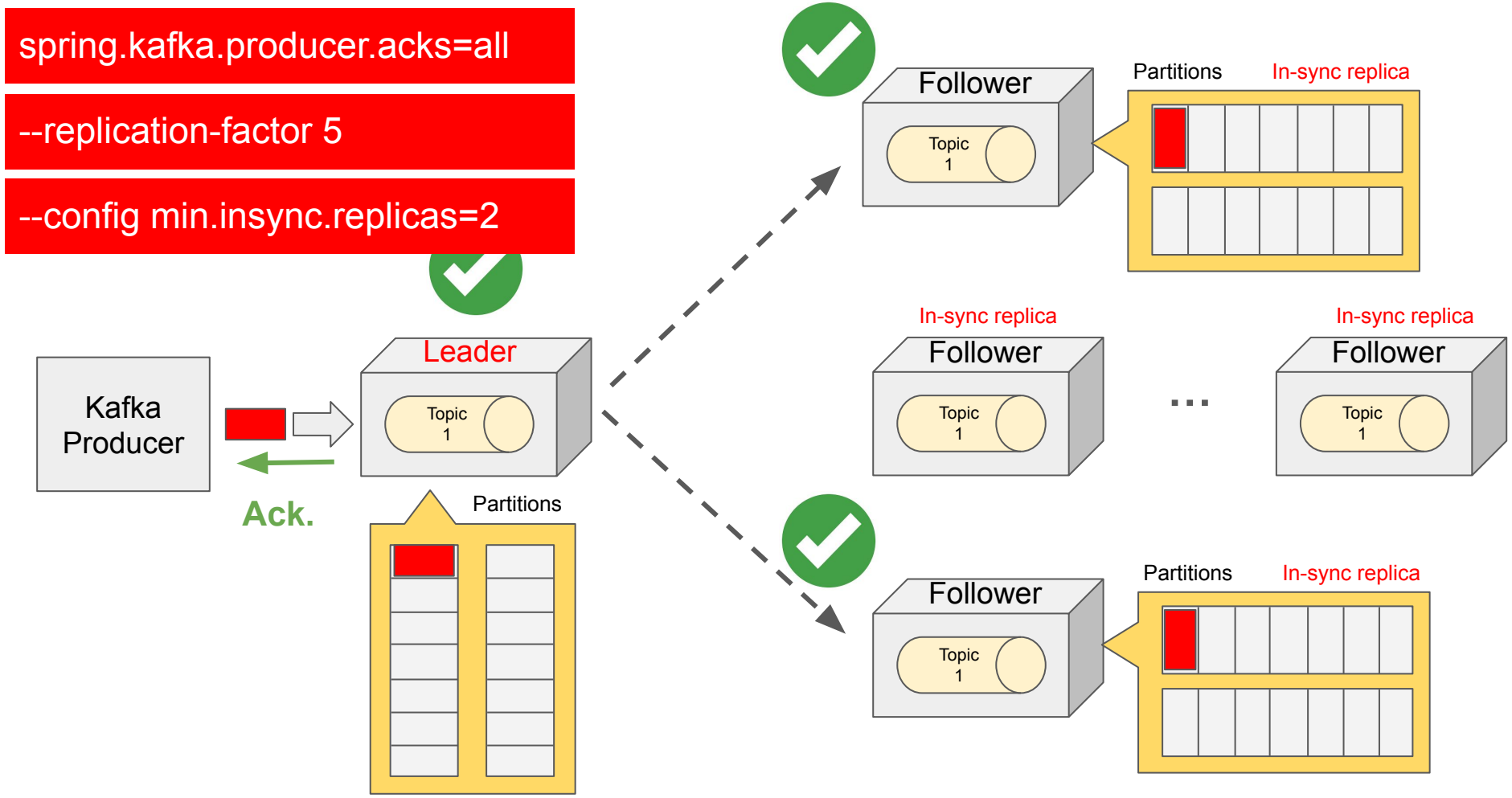

Follower
Partitions
In-sync replica
Topic
1
Kafka
Producer
Ack.
Follower
Partitions
In-sync replica
Topic
1


Kafka
Producer
Ack.
Leader
Topic
1
Partitions
Follower
Topic
1
Partitions
In-sync replica
Follower
Topic
1
Partitions
In-sync replica

- **spring.kafka.producer.acks=all**
  Waits for an acknowledgement from all brokers.

- **spring.kafka.producer.acks=1**
  Waits for an acknowledgement from a leader broker only.

- **spring.kafka.producer.acks=0**
  Does not wait for an acknowledgement.


spring.kafka.producer.acks=all
--replication-factor 5
--config min.insync.replicas=2
Kafka Producer
Ack.
Leader
Topic 1
Partitions
Follower
Topic 1
Partitions
In-sync replica
In-sync replica
Follower
Topic 1
...
In-sync replica
Follower
Topic 1
Follower
Topic 1
Partitions
In-sync replica

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