

# DESIGNING DATA-INTENSIVE APPLICATIONS



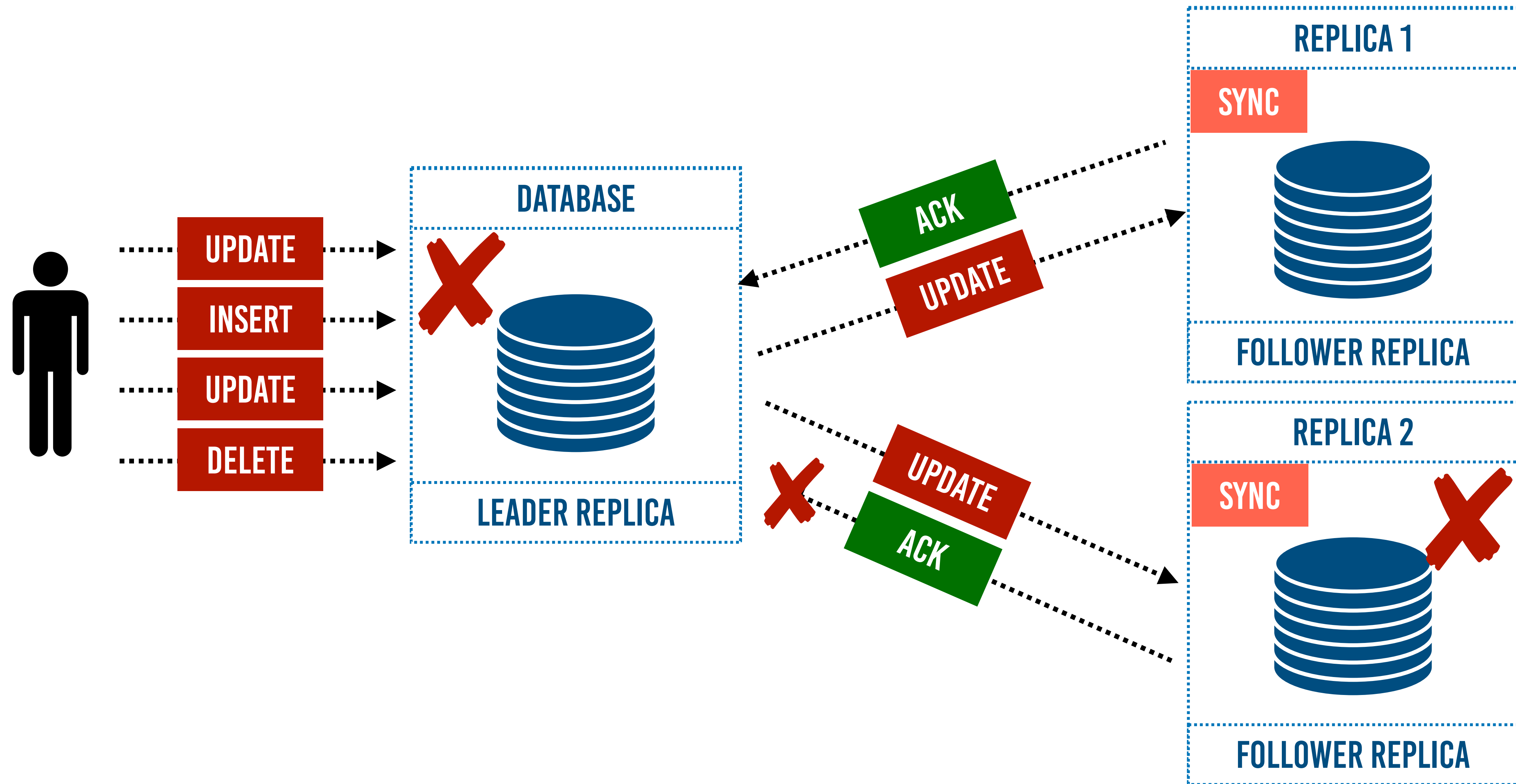
## DATA REPLICATION

# DESIGNING DATA-INTENSIVE APPLICATIONS



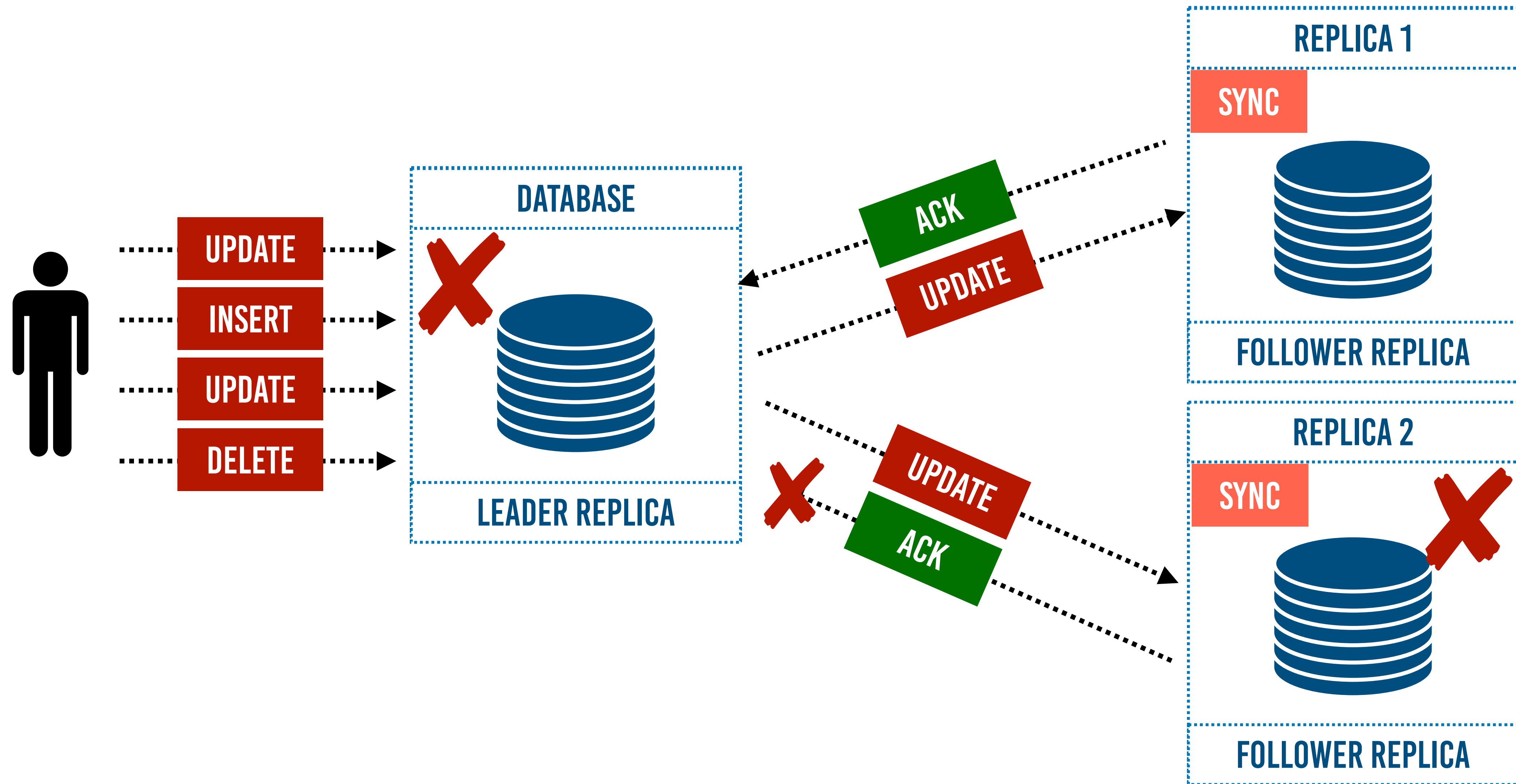
# EVENTUAL CONSISTENCY

# LEADER-BASED REPLICATION

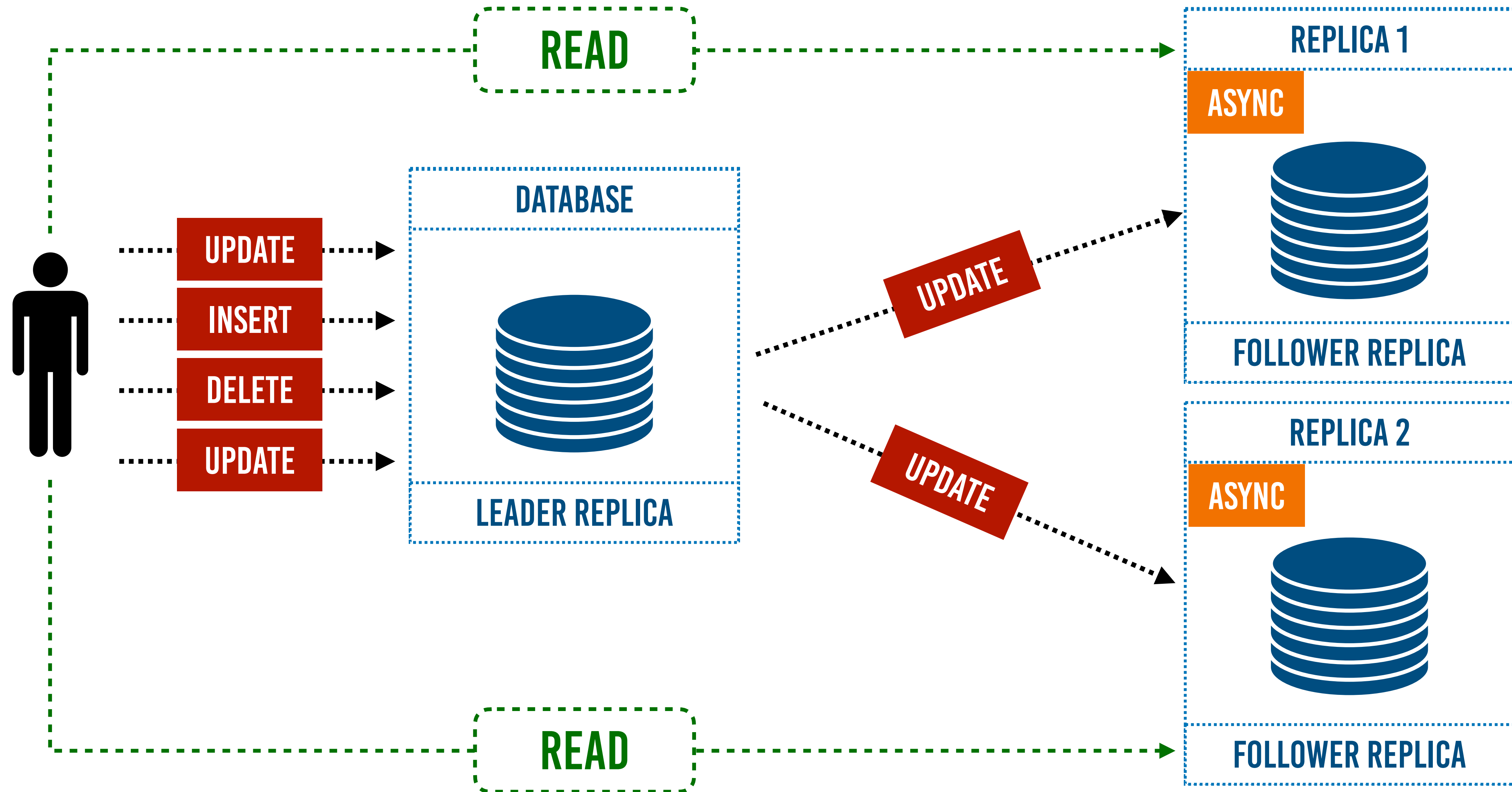




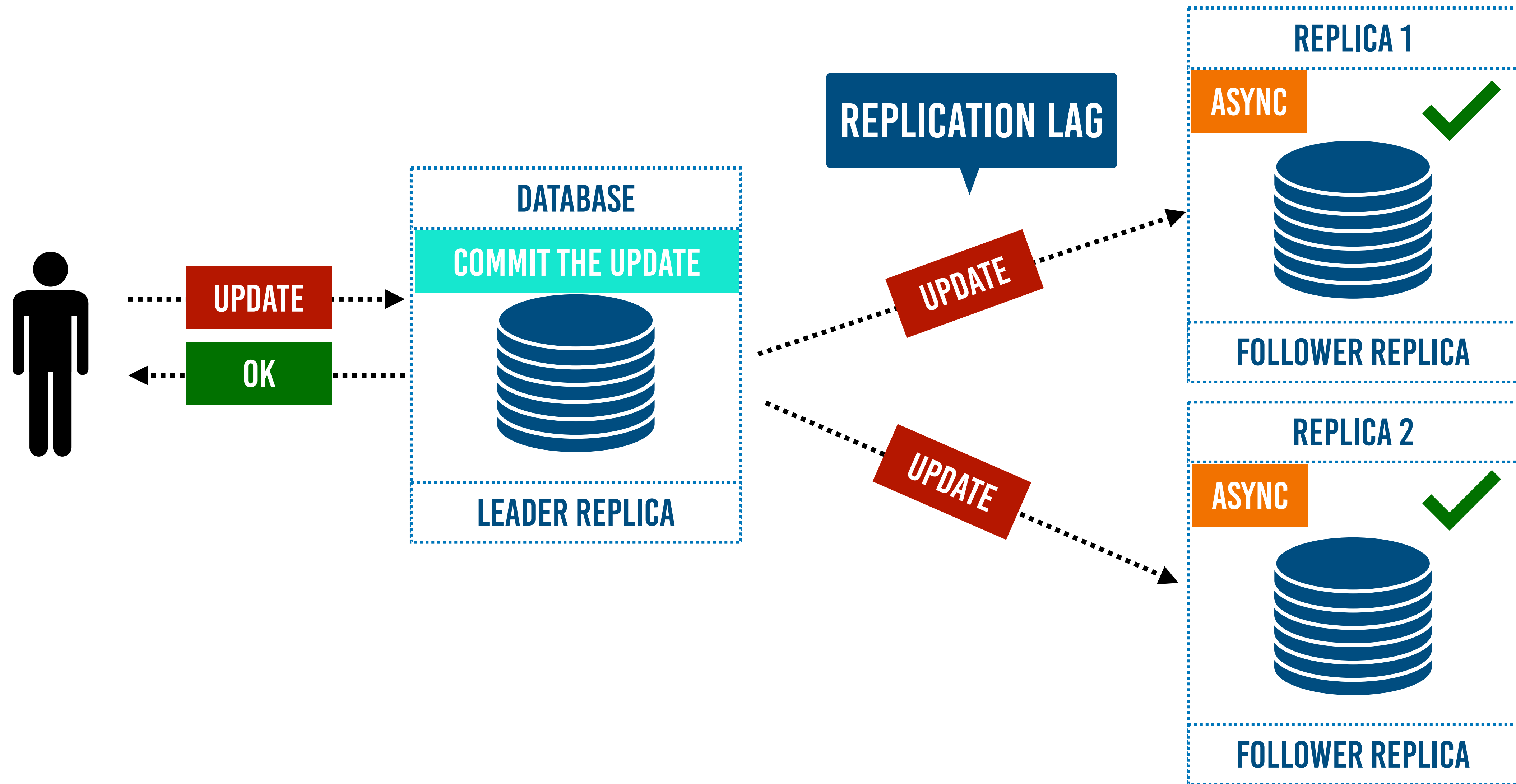
# LEADER-BASED REPLICATION



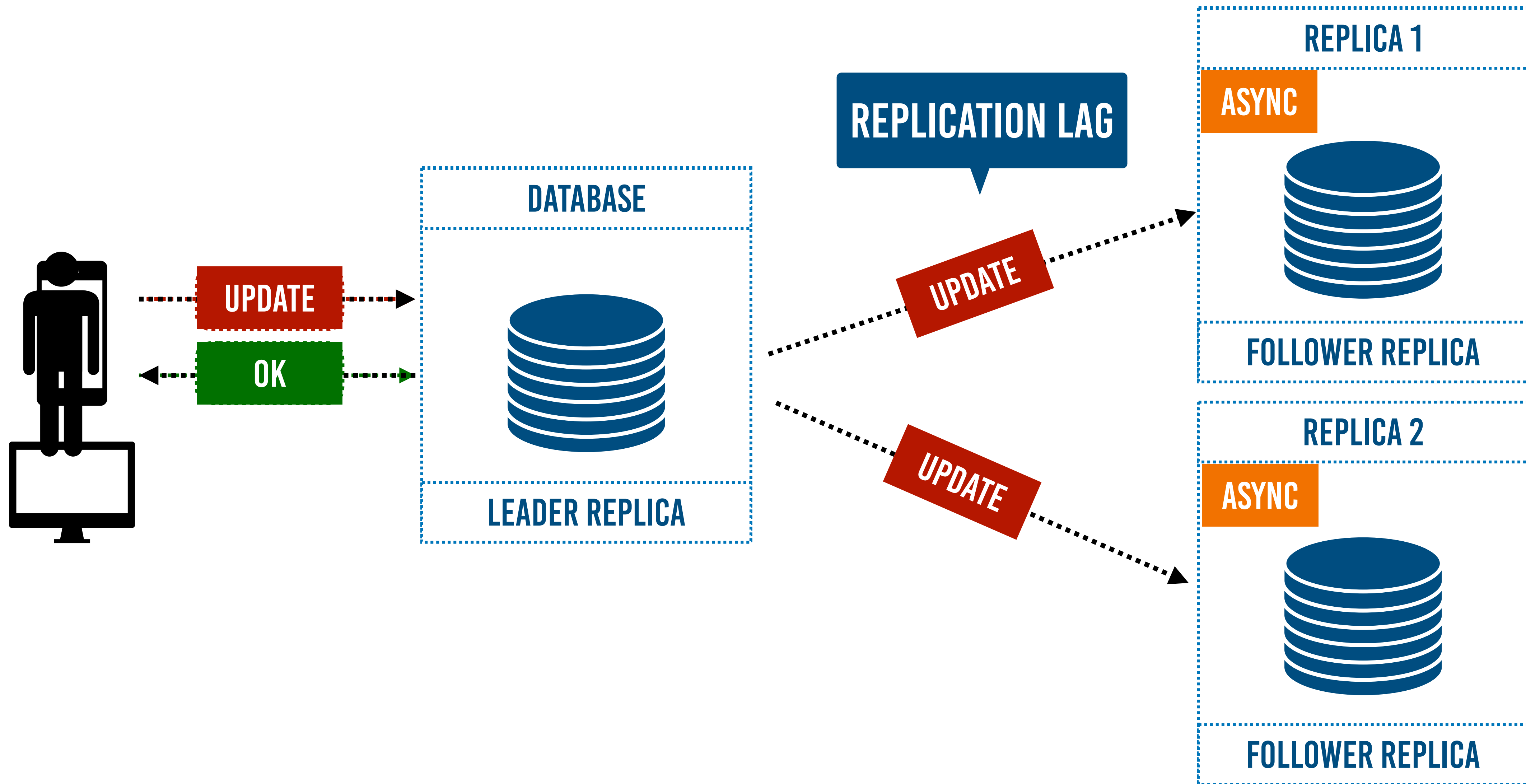
# READ-SCALING ARCHITECTURE



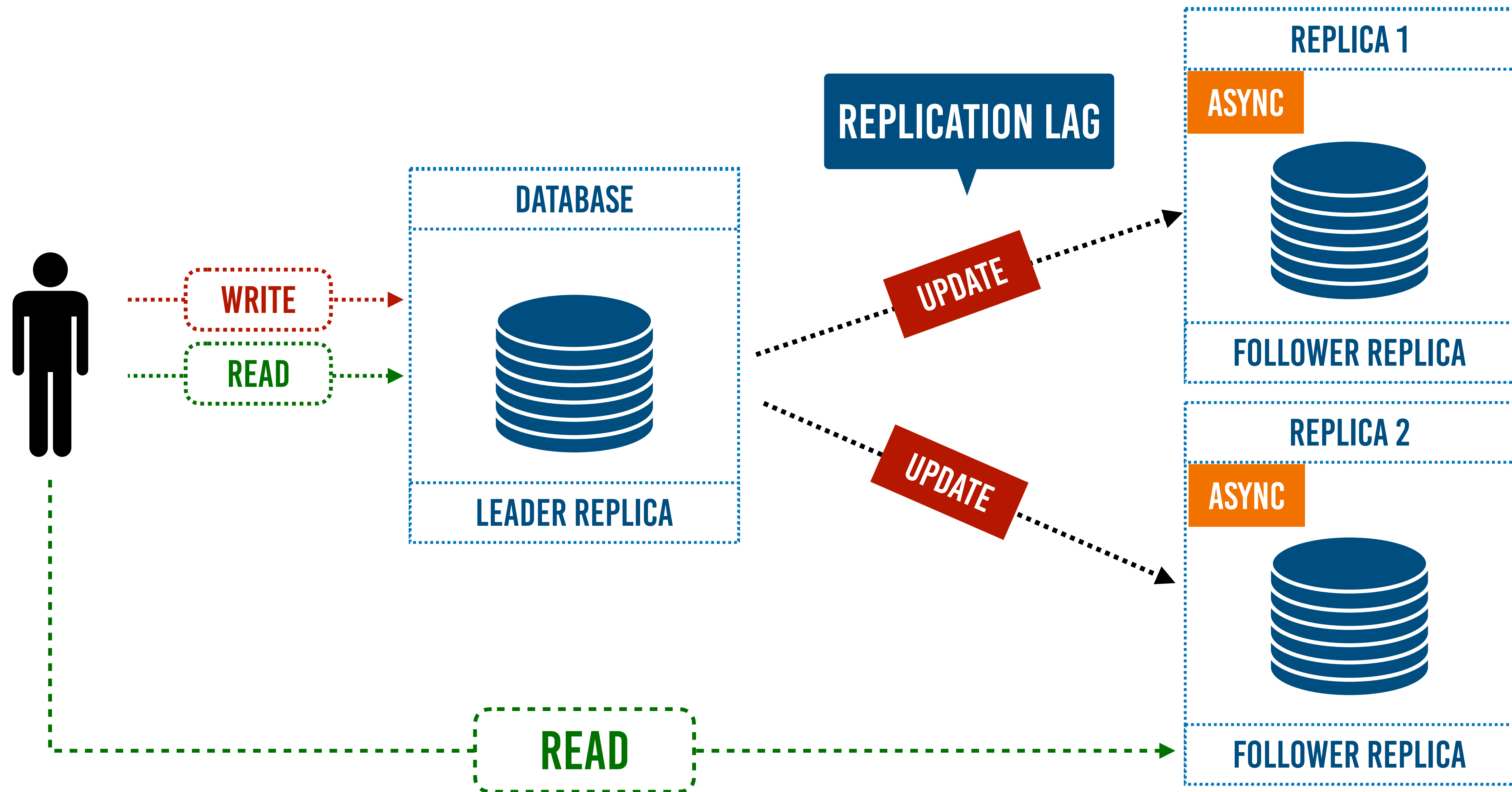
# WHAT IS THE **EVENTUAL CONSISTENCY**?



# READING YOUR OWN WRITES



# MONOTONIC READS CONSISTENCY





# CONSISTENT PREFIX READS

