## Three pieces

mongod, mongos and client driver library

Mongod is the process

Mongos is a router, it routes writes to correct mongod instance

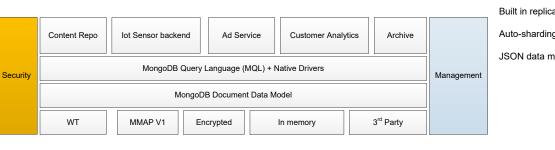
Shares writing

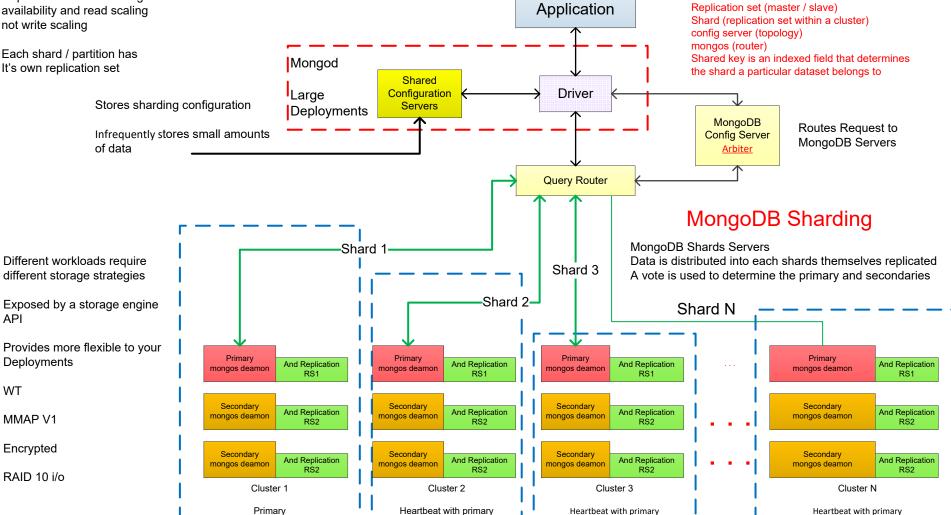
Autosharding increases Writes (chunks – distributed reads / writes), helps with scaling

Replication sets are for high availability and read scaling

Each shard / partition has It's own replication set







Community supported Hadoop integration

Aggregation framework & native MapReduce

Rick secondary indexes, including geospatial and TTL indexes

Built in replication for high availability

Auto-sharding for horizontal scalability

JSON data model with dynamic schemas