

SESSION: **MONGODB**

Assignment



**1. A field that has the Boolean of value of either true or false would make for a good shard key.**

1. True
2. False

**Ans.** b) False

**2. Which of the following statements are true regarding a very small chunk size configuration as compared to a large chunk size configuration? Check all that apply.**

1. Fewer migrations would have to take place
2. More migrations would have to take place
3. Each shard would be very balanced in terms of how much data they contain
4. Each server would be very unbalanced in terms of how much data they contain
5. There is no difference in terms of migration and shard server balance

**Ans.** b)More migrations would have to take place

c) Each shard would be very balanced in terms of how much data they contain

**3. How many Mongos processes should you run (generally)?**

1. One per config server
2. One per mongod process
3. One per shard
4. One
5. However many you want, but usually much more than one

**Ans.** e)However many you want, but usually much more than one

**4. Which are true?**

1. To check via the mongo shell what is in the config database of a MongoDB cluster, you must connect it directly to one of the config servers.
2. Three config servers are typical in a MongoDB cluster with 1,000 total machines.
3. All the config servers have exactly the same data.

**Ans.** b) Three config servers are typical in a MongoDB cluster with 1,000 total machines.

c) All the config servers have exactly the same data.

**5. In MongoDB v2.6, by default (i.e., if shardCollection hasn't been invoked) collections are:**

1. On the primary shard and not sharded
2. Not sharded but homed on different shards at random
3. Automatically sharded on \_id

**Ans.** a)On the primary shard and not sharded

**6. If I have 3 shards, 3 member replica sets, 3 config servers, and 6 mongos processes running, how many machines might we use for that?**

1. While we could use more if we wanted, 9 machines would be just fine.
2. 9 machines works but is too low for best practice usage

**Ans.** a)While we could use more if we wanted, 9 machines would be just fine.