

MongoDB.C100DBA.v2022-09-26.q45

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NEW QUESTION: 1

Which of the following is correct about MongoDB?

- A. MongoDB supports collection joins
- B. MongoDB supports some of the SQL functions
- C. MongoDB supports geospatial indexes
- D. MongoDB uses JSON format to represent documents

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 2

MongoDB is a schema-less design.

- A. False
- B. True

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 3

Write the command(s) are correct to enable sharding on a database "testdb" and shard a collection "testCollection" with _id as shard key.

Answer:

```
sh.enableSharding("testdb") & sh.shardCollection("testdb.testCollection", { _id : 1 }, true )
```

NEW QUESTION: 4

Which of the following collections stores authentication credentials in MongoDB?

- A. local.users
- B. users.users
- C. system.users
- D. test.users

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 5

What is the output of following two commands in MongoDB: db.posts.insert({_id:1})
db.posts.insert({_id:1})

- A. Two documents will be inserted with _id as 1
- B. This will throw a duplicate key error
- C. It will insert two documents and throw a warning to the user
- D. MongoDB will automatically increment the _id of the second document as 2

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 6

Which of the following are common uses of the mongo shell? Check all that apply

- A. Use as a JavaScript framework for your production system
- B. Perform queries against MongoDB collections
- C. Perform administrative tasks

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 7

Consider the following example document from the sample collection. All documents in this collection have the same schema.

```
{ "_id" : 3,  
  "a" : 7,  
  "b" : 4  
}
```

Which of the following queries will replace this with the document.

```
{  
  "_id" : 7,  
  "c" : 4,  
  "b" : 4  
}
```

- A. db.sample.update({ "_id" : 3 > , { "_id" : 7 , "c" : 4 > })
- B. db.sample.update({ "_id" : 3 } , { "\$set" : { "_id" : 7 , "c" : 4 > } })
- C. db.sample.update({ "_id" : 3 > , { "_id" : 7 , "c" : 4 > , { "justOne" : true > } } / This operation cannot be done with a single query.
- D. db.sample.update({ "_id" : 3 > , { "_id" : 7 , "c" : 4 , { "\$unset" : ["a" , "b"] } } })

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 8

What does the following \$slice query return using the following command? db.posts.find({ ,
{ comments: {

\$slice: [-10, 5] } })

- A. Returns 10 comments, beginning with the last
- B. Returns 5 comments, beginning with the first 10 items
- C. Returns 5 comments, beginning with the last 10 items
- D. Returns 10 comments, beginning with the first

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 9

Consider the following example document:

```
{
  "_id": ObjectId("5360c0a0a655a60674680bbe"),
  "user"
  "login": "irOn"
  "description": "Made of steel"
  "date": ISODate("2014-04-30T09:16:45.836Z"),
}
```

and index creation command:

db.users.createIndex({ "user.login": 1, "user.date": -1 }, "myIndex") When performing the following query:

```
db.users.find( { "user.login": /Air.* / },
{ "user":1, "_id":0 > }).sort( { "user.date":1 > }
```

which of the following statements correctly describe how MongoDB will handle the query? Check all that apply.

- A. As a covered query using "myIndex" because we are filtering out "_id" and only returning "user.login"
- B. None of the above
- C. As an indexed query using "myIndex" because field "user.login" is indexed
- D. MongoDB will need to do a table/collection scan to find matching documents
- E. As an optimized sort query (scanAndOrder = false) using "myIndex" because we are sorting on an indexed field

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 10

Which of the following are valid json documents? Select all that apply.

- A. { }
- B. {"a":1, "b":{"b":1, "c":"foo", "d":"bar", "e":[1,2,4]}}
- C. {"city":"New York", "population", 7999034, boros:{"queens", "manhattan", "staten island", "the bronx", u "brooklyn"}}
- D. {"name":"Fred Flintstone","occupation":"Miner";"wife":"Wilma"}

Answer: A,B ([LEAVE A REPLY](#))

NEW QUESTION: 11

Consider that you have a collection called population which has fields state and city. Which of the following query will calculate the population grouped by state and city?

- A. `db.population.aggregate( [{ $group: { _id: { state: Estate", city: "$city" },pop: { $pop: 1 } } } ] )`
- B. `db.population.aggregate( [{ $group: { _id: { city: "$city" },pop: { $sum: "$pop" } } } ] )`Multi Document Transaction is not supported by MongoDB
- C. `db.population.aggregate( [{ $group: { _id: { state: "$state", city: "$city" },pop: { $sum: 1 > > } } ] )`
- D. `db.population.aggregate( [{ $group: { _id: { state: Estate", city: n$city" },pop: { $sum: "$pop" } } } ] )`

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 12

Given a collection posts as shown below having a document array comments, which of the following command will create an index on the comment author descending?

```
{
  _id: 1,
  post_text: "This is a sample post",
  author: "Tom",
  comments: [
    {
      author: "Joe",
      comment_text: "This is comment 1"
    },
    {
      author: "Leo",
      comment_text: "This is comment 2"
    }
  ]
}
```



- A. `db.posts.createIndex({^commerits.author";-!});`
- B. `db.posts.createIndex({^comments.$.author":-!});`
- C. `db.posts.createIndex({^comments.author" :1});`

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 13

In a sharded cluster, from which node does one stop the balancer process before initiating backup?

- A. Any node

- B. replicaset primary node
- C. mongos node
- D. config server node

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 14

If you have created a compound index on (A,B, C) which of the following access pattern will not be able to utilize the index?

- A. A, B, C
- B. B, C
- C. A, B
- D. A

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 15

What read preference should your application use if you want to read from the primary under normal circumstances but allow reads from secondaries when a primary is unavailable?

- A. secondaryPreferred
- B. nearest
- C. primary
- D. primaryPreferred
- E. Secondary

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 16

You have the following index on the toys collection:

```
{  
  "manufacturer" : 1,  
  "name" : 1,  
  "date" : -1  
}
```

Which of the following is able to use the index for the query? Check all that apply.

- A. db.toys.find({ manufacturer : "Matteo", name : "Barbara", date : "2014-07-02" })
- B. db.toys.find({ date : "2015-03-01", manufacturer : "Loggo", name : "Brick Set" })
- C. db.toys.find({ name : "Big Rig Truck", date : "2013-02-01", manufacturer : "Tanko" }

Answer: ([SHOW ANSWER](#)**)**

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NEW QUESTION: 17

Below is a sample document of "orders" collection

```
{ "cust_id": "abc123",  
  "ord_date": ISODate("2012-11-02T17:04:11.102Z"),  
  "status": "A",  
  "price": 50,  
  "items": [ { "sku": "xxx", "qty": 25, "price": 1 },  
             { "sku": "yyy", "qty": 25, "price": 1 } ]  
}
```

Select operators for the below query to determine the sum of "qty" fields associated with the orders for each "cust_id".

```
db.orders.aggregate( [  
  { $PR1: "$items" },  
  { $PR2: {  
    _id: "$cust_id",  
    qty: { $PR3: "$items.qty" }  
  } }  
])
```

Answer:

\$project

NEW QUESTION: 18

Which of the following commands will return all the posts with number of likes greater than 100 and less than 200, both inclusive?

- A. db.posts.find({ likes : { \$gte : 100 , \$lte : 200 } });
- B. db.posts.find({ likes : { \$gt : 100, \$lt : 200 > > });
- C. db.posts.find({ likes : { \$gt : 100 , \$lte : 200 } });
- D. db.posts.find({ likes : { \$gte : 100, \$lt : 200 } });

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 19

A collection and a document in MongoDB is equivalent to which of the SQL concepts respectively?

- A. Table and Column
- B. Column and Row
- C. Database and Table
- D. Table and Row

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 20

Which of the following command inside aggregate command is used in MongoDB aggregation to filter the documents to pass only the documents that match the specified condition(s) to the next pipeline stage.

- A. \$match
- B. \$group
- C. \$aggregate
- D. \$sum

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 21

You have a replicated cluster with 1 primary, 3 secondary, 1 arbiter. One of the secondary is hidden. What is the replication factor of this replicated cluster?

- A. 04
- B. 03
- C. 06
- D. 7

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 22

What is the equivalent command in MongoDB for the following SQL query?

SELECT * FROM posts WHERE author like "%john%"

- A. db.posts.find({ author: {\$like: /John/} })
- B. db.posts.find({ author: /AjohnA/ > })
- C. db.posts.find({ author: /John/ })
- D. db.posts.find({ \$like: {author: /John/} })

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 23

In a collection that contains 100 post documents, what does the following command do? db.posts.

find().skip(5).limit(5)

- A. Limits the first five documents and then return them in reverse order
- B. Skip and limit nullify each other. Hence returning the first five documents
- C. Skips the first five documents and returns the next five
- D. Skips the first five documents and returns the sixth document five times

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 24

Which of the following is incorrect statement about find and findOne operations in MongoDB?

- A. findQ and findOneQ returns cursors to the collection documents
- B. findQ returns all the documents in a collection while findOne() retrieves only the first one.
- C. findOneQ returns the actual first document retrieved from a collection
- D. find.limit(1) is not the same query as findOne()

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 25

You perform the following operation in the shell: db.foo.insert({ }); What gets inserted?

- A. A document will be inserted with the same _id as the last document inserted
- B. A document that matches the collection's existing schema, but with null fields
- C. An empty document
- D. No document will be inserted; an error will be raised
- E. A document with an _id assigned to be an ObjectId

Answer: E ([LEAVE A REPLY](#))

NEW QUESTION: 26

JSON stands for

- A. JavaScript Object Notation
- B. JavaScript Object Naming
- C. None of the above
- D. JavaScript Object Notice

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 27

Which of the following does MongoDB use to provide High Availability and fault tolerance?

- A. Indexing
- B. Write Concern
- C. Replication
- D. Sharding

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 28

What is the maximum size of Index Key Limit and Number of Indexes per collection?

- A. 64 bytes and 1024 indexes
- B. 1024 bytes and unlimited indexes
- C. 12 mega bytes and 64 indexes
- D. 1024 bytes and 64 indexes

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 29

What is the first task that a secondary would perform on being prompted by another secondary for an election?

- A. Vote for the first secondary so that it would become the next primary
- B. Start the election process for primary
- C. Vote for itself and then call for election
- D. Connect to primary to confirm its availability

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 30

Which node in a replica set does accept write operation?

- A. primary
- B. secondary
- C. arbiter
- D. hidden

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 31

Which of the following index would be optimum for the query?

Select all valid. db.test.find({ a : 5, c : 2 })

- A. db.test.ensureIndex({ c:1, a: 1})
- B. CH db.test.ensureIndex({ a :1, c:1})
- C. db.test.ensureIndex({ a: 1, b :1, c:1, d:1})
- D. db.test.ensureIndex({ a : 1, c: 1, d: 1, b : 1})

Answer: B,D ([LEAVE A REPLY](#))

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NEW QUESTION: 32

The_____operator can be used to identify an element in the array to be updated without explicitly specifying the position of the element.

- A. \$ elemMatch
- B. Updating an array field without knowing its index is not possible.
- C. \$slice
- D. \$

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 33

Which of the following commands can cause the database to be locked?

- A. All of the above
- B. Map-reduce
- C. Issuing a query
- D. Inserting data

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 34

In mongodb how do you update a document partially?

- A. \$modify
- B. \$set
- C. \$project
- D. \$update

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 35

Consider that you have a collection called population which has fields state and city. Which of the following query will calculate the population grouped by state and city?

- A. `db.population.aggregate( [{ $group: { _id: { state: Estate", city: "$city" },pop: { $sum: 1 > > > } ] )`
- B. `db.population.aggregate( [{ $group: { _id: { city: "$city" },pop: { $sum: "$pop" } } } ] )`Multi Document Transaction is not supported by MongoDB
- C. `db.population.aggregate( [{ $group: { _id: { state: "$state", city: "$city" },pop: { $pop: 1 } } } ] )`
- D. `db.population.aggregate( [{ $group: { _id: { state: Estate", city: "$city" },pop: { $sum: "$pop" } } } ] )`

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 36

What does the totalKeysExamined field returned by the explain method indicate?

- A. Details the completed execution of the winning plan as a tree of stages
- B. Number of documents scanned
- C. Number of index entries scanned
- D. Number of documents that match the query condition

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 37

Which features of relational database management systems were deliberately omitted in MongoDB and help us to obtain horizontal scalability? Check all that apply.

- A. Joins

- B. Authentication
- C. Multi-statement transactions

Answer: A,C ([LEAVE A REPLY](#))

NEW QUESTION: 38

What is the use of mongodump and mongorestore tools?

- A. audit mongodb deployment
- B. replicate mongodb deployments
- C. performance tune mongodb deployment
- D. backup mongodb deployment

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 39

Which of the following is true of the mechanics of replication in MongoDB? Check all that apply.

- A. Clients read from the nearest member of a replica set by default
- B. Operations on the primary are recorded in a capped collection called the oplog
- C. Members of a replica set may replicate data from any other data-bearing member of the set by default

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 40

Below is a sample document in a given collection test.

{ a : 5, b : 3, c: 2, d : 1 >

Given a compound index { a: 1, b:1, c:1, d:1}, Which of the below query will not use in-memory sorting? Select all valid.

- A. db.test.find({ a: 5, b: 3 }).sort({ c: 1, d : 1 })
- B. db.test.find({ a: 5, b: 3 }).sort({ a: 1 })
- C. db.test.find({ a: 5, b: 3 }).sort({c: 1 })
- D. db.test.find({ a: 5, b: 3 }).sort({ a: 1, b: 1, c: 1 >)

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 41

What does the following aggregate query perform?

```
db.posts.aggregate( [
  { $match : { likes : { $gt : 100, $lte : 200 } } },
  { $group: { _id: null, count: { $sum: 1 } } }
]);
```

- A. Calculates the number of posts with likes between 100 and 200
- B. Groups the posts by number of likes (101, 102, 103..) by adding 1 every time
- C. Fetches the posts with likes between 100 and 200, sets the _id of the first document as null and then increments it 1 every time
- D. Fetches the posts with likes between 100 and 200 and sets their _id as null

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 42

We can insert multiple documents in bulk using which of the following operations:

- A. initializeBulkOp
- B. initializeUnorderedBulkOp
- C. initializeBulk
- D. initializeUnorderedBulk

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 43

Mongodb does provide high availability via which option?

- A. Replication
- B. Indexing
- C. Sharding
- D. Journaling

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 44

What tool do you use to see if you have a problem in the consumption of disk I / O?

Answer:

Mongoperf

NEW QUESTION: 45

You are in a sharded cluster. What will you do prior to initiating backup in sharded cluster?

- A. sh.stopserverQ
- B. sh.stopBalancer()
- C. db.stopserver()
- D. db.stopBalancer()

Answer: ([SHOW ANSWER](#))

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