Chapter 4: Patterns (Part 2)

Schema Versioning Pattern

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Correct Option:

- I want to avoid downtime when upgrading my schema.

The above is the correct answer.

Incorrect Options:

- I can schedule a window of downtime long enough to migrate the documents to the new version.

  In this situation, you may not want to do any extra work of having an app that handles many document versions or scheduling a migration over many days. In this situation, you don't have to use the Schema Versioning Pattern.

- I want to keep track of the changes to my documents.

  The "Document Versioning Pattern" is a better choice for this requirement.

- I have billions of documents.

  Having billions of documents is not a reason by itself. However, since you are likely going to change your schema, the Schema Versioning Pattern will be handy at that time.

- I have many obsolete documents.

  The Schema Versioning Pattern does not help you with the management of obsolete documents. Though, it helps in reducing the cost of migrating them. For a solution more appropriate for managing obsolete documents, look into "zone sharding" in the MongoDB documentation.

https://docs.mongodb.com/manual/core/zone-sharding/

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