

Knowledge check

5 minutes

1. The logistics team is creating an inventory database. The team needs to add a collection to store the current products. Their programmers would like to use the `ProductID` as the shard key. How would this collection be created programmatically? *

☐ Use the `GetCollection` function and assign `ProductID` to the `shardKey` parameter.

☒ Use the extended database run command function with the respective `customAction`, `collection`, and `shardKey` parameters.

✓ **Correct.** To define the creation of a collection with a specific `shardKey`, the programmers would need to use extended commands.

☐ Use the `CreateCollection` function and assign `ProductID` to the `shardKey` parameter.

2. Which of the following statements is true? *

☐ Since an Azure Cosmos DB for MongoDB account doesn't have a MongoDB engine, developers need to use different tools and drivers than they currently use to connect to their current MongoDB 3.2, 3.6, 4.0 and 4.2 databases.

☐ Upgrading between Azure Cosmos DB for MongoDB Server versions could take several hours depending on the databases sizes.

☒ Azure Cosmos DB for MongoDB accounts benefit from automatic and transparent sharding.

✓ **Correct.** While other MongoDB offerings require to specify and manage scaling to a horizontal scaling, the Azure Cosmos DB for MongoDB automatically manages all sharding and its infrastructure behinds the scenes.

3. The accounting department needs a development database but would like to reduce cost since this database won't be used regularly. Which capacity mode should the accounting team pick for the database? *

☐ Provisioned.

☐ Autoscale.

☒ Serverless.

✓ Correct. With Serverless, only operations performed are charged, and there isn't a payment for the database when it isn't used.

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