

DUMP STEP
Question & Answer

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Exam : **CCB-400**

Title : Cloudera Certified Specialist
in Apache HBase

Version : Demo

1. You have one primary HMaster and one standby. Your primary HMaster fails and your client application needs to make a metadata change.

Which of the following is the effect on your client application?

- A. The client will query ZooKeeper to find the location of the new HMaster and complete the metadata change.
- B. The client will make the metadata change regardless of the state of the HMaster.
- C. The new HMaster will notify the client and complete the metadata change.
- D. The client application will fail with a runtime error.

Answer: A

2. You have an average key-value pair size of 100 bytes.

Your primary access is random reads on the table.

Which of the following actions will speed up random reading performance on your cluster?

- A. Turn off WAL on puts
- B. Increase the number of versions kept
- C. Decrease the block size
- D. Increase the block size

Answer: D

3. The cells in a given row have versions that range from 1000 to 2000. You execute a delete specifying the value 3000 for the version.

What is the outcome?

- A. The delete fails with an error.
- B. Only cells equal to the specified version are deleted.
- C. The entire row is deleted.
- D. Nothing in the row is deleted.

Answer: C

4. You have an "Employees" table in HBase. The Row Keys are the employees' IDs. You would like to retrieve all employees who have an employee ID between 'user_100' and 'user_110'.

The shell command you would use to complete this is:

- A. `scan 'Employees', {STARTROW => 'user_100', STOPROW => 'user_111'}`
- B. `get 'Employees', {STARTROW => 'user_100', STOPROW => 'user_110'}`
- C. `scan 'Employees', {STARTROW => 'user_100', SLIMIT => 10}`
- D. `scan 'Employees', {STARTROW => 'user_100', STOPROW => 'user_110'}`

Answer: D

5. Under default settings, which feature of HBase ensures that data won't be lost in the event of a Region Server failure?

- A. All HBase activity is written to the WAL, which is stored in HDFS.
- B. All operations are logged on the HMaster.
- C. HBase is ACID compliant, which guarantees that it is Durable.
- D. Data is stored on the local filesystem of the RegionServer.

Answer: A