

Cloudera CCB-400

Cloudera Certified Specialist in Apache HBase

Version: 4.0

QUESTION NO: 1

You have one primary HMaster and one standby. Your primary HMaster Falls 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

Explanation:

QUESTION NO: 2

You have an average key-value pair size of 100 bytes. Your primary access is random needs 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

Explanation:

QUESTION NO: 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

Reference:<http://archive.cloudera.com/cdh4/cdh/4/hbase/book.html#delete>(scroll below and see 5.8.1.5. Delete topic, read the last paragraph)

QUESTION NO: 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

Explanation:

QUESTION NO: 5

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

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

Answer: A

Reference:<http://tm.durusau.net/?p=27674>(See 'From the post' second paragraph)

QUESTION NO: 6