Cloudera

CCB-400

Cloudera Certified Specialist in Apache HBase

http://killexams.com/exam-detail/CCB-400
A. One of the daughter regions  
B. The original region  
C. The .META. table  
D. The HMaster

Answer: A

**QUESTION: 36**  
You have two tables in an existing RDBMS. One table contains order information (item, quantity, price, etc.) and the other contains store information (address, phone, manager, etc). These two tables are not often accessed simultaneously. You would like to move this data into HBase. How would you design the schema?

A. Create two tables each with a single column family  
B. Create a single table with one column family  
C. Create a single table with two column families  
D. Create two tables each with multiple column families

Answer: C

**QUESTION: 37**  
Which of the following configuration values determines automated splitting?

A. hbase.hregion.majorcompaction  
B. hbase.hregion.flush.size  
C. hbase.balancer.period  
D. hbase.hregion.maxfilesize

Answer: D

**Reference:**  
http://hbase.apache.org/book/important_configurations.html(2.8.2.6. Bigger regions, see the code in the last sentence)

**QUESTION: 38**  
From within an HBase application, you want to retrieve two versions of a row, if they exist. Where your application should configure the maximum number of versions to be retrieved?
A. HTableDescriptor  
B. HTable  
C. Get or scan  
D. HColumnDescriptor  

**Answer:** D  

**Reference:**  
http://hbase.apache.org/apidocs/org/apache/hadoop/hbase/HColumnDescriptor.html(search for maxversions)  

**QUESTION:** 39  
Your client application connects to HBase for the first time to perform a write. Which of the following sequences will it traverse to find the region serving the row range of interest?  

A. ZooKeeper -> RegionServer -> Region  
B. ZooKeeper -> .META. -> RegionServer -> Region  
C. ZooKeeper -> ROOT -> .META. -> RegionServer -> Region  
D. ZooKeeper -> HMaster -> .ROOT -> .META. -> RegionServer -> Region  

**Answer:** C  

**QUESTION:** 40  
You have a "Users" table in HBase and you would like to insert a row that consists of a UserID, "jsmith70" and an email address, "jane@example.com". The table has a single Column Family named "Meta" and the row key will be the user's ID. The shell command you should use to complete this is:  

A. put‘Users’, ‘jsmith70’, ‘jane@example.com’  
B. put ‘Users’, ‘UserID:jsmith70’, ‘Email:jane@example.com’  
C. put ‘Users’, ‘jsmith70’, ‘Meta:Email’, ‘jane@example.com’  

**Answer:** B  

**QUESTION:** 41  
You have images stored in HBase, which you need to retrieve from within your application. In which format will your data be returned from an HBase scan?
A. Uninterpreted array of bytes
B. Java string literal
C. Hexadecimal
D. Blob datatype

**Answer:** D

**QUESTION:** 42
Your client application calls the following method for all puts to the single table notifications:
'put.setWriteToWAL, (false);
One region, region1, for the notifications table is assigned to RegionServer rs1. Which of the following statements describes the result of RegionServer rs1 crashing?

A. All data in the notifications table is lost
B. No data is lost
C. All data for all tables not flushed to disk on RegionServer rs1 is lost
D. Data for your client application in the MemStores for region1 is lost

**Answer:** D

**QUESTION:** 43
You have a key-value pair size of 100 bytes. You increase your HFile block size from its default 64k. What results from this change?

A. scan throughput increases and random-access latency decreases
B. scan throughput decreases and random-access latency increases
C. scan throughput decreases and random-access latency decreases
D. scan throughput increases and random-access latency increases

**Answer:** A

**QUESTION:** 44
You have a lineage table live in production. The table uses <timestamp> as the rowkey. You want to change the existing rowkeys to <userid><timestamp>. Which of the following should you do?

A. Modify the client application to write to both the old table and a new table while migrating the old data separately
B. Use the ALTER table command to modify the rowkeys
C. Use the ASSIGN command to modify the rowkeys
D. Add a new column to store the userid

Answer: B

**QUESTION: 45**
You need to insert a cell with a specific timestamp (version) 13353903160532. Which of the following is true?

A. The timestamp for the entire row must be updated to 13353903160532
B. The Put class allows setting a cell specific timestamp
C. The Put class allows setting a column family-specific timestamp
D. The HTable class allows you to temporarily roll back the newer versions of the cell

Answer: B
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