CCB-400^{Q&As}

Cloudera Certified Specialist in Apache HBase

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QUESTION 1

Given that the following is your entire dataset:

100 column=Managers:Name, timestamp=13313141762084, value=Steve 100 column=Manage:Salary, timestamp=13313141762086, value=80000 100 column=Skills:Skill_1, timestamp=13313141762089, value=Hadoop 100 column=Skills:Skill_2, timestamp=13313141762092, value=HBase

How many regions will be read during a scan of the entire dataset?

A. Four

B. Two

C. One

D. Three

Correct Answer: A

QUESTION 2

Data is written to the HLog in which of the following orders?

A. In order of writes

B. In order of writes, separated by region

C. Ascending first by region and second by row key

D. Descending first by region and second by row key

Correct Answer: D

QUESTION 3

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 updatedto13353903160532

B. ThePutclass allows setting a cell specific timestamp

C. ThePutclass allows setting a column family-specific timestamp

D. TheHTableclass allows you to temporarily roll back the newer versions of the cell

Correct Answer: B

QUESTION 4

Your data load application is maintaining a custom versioning scheme (not using the timestamp as the version number). You accidentally executed three writes to a given cell all with the same version during which time no flushes have occurred. Which of the three data writes will dBase maintain?

A. None ofthe writes to cell

B. The last write to cell

C. The first write to cell

D. All ofthe writes to cell

Correct Answer: C

QUESTION 5

You have data already stored in HDFS and are considering using HBase. Which additional feature does HBase provide to HDFS?

A. Random writes

B. Batchprocessing

C. Fault tolerance

D. Scalability

Correct Answer: A

Reference:http://borthakur.com/ftp/SIGMODRealtimeHadoopPresentation.pdf(11th slide)

QUESTION 6

You have a table with the following rowkeys:

r1, r2, r3, r10, r15, r20, r25, r30, r35

In which order will these rows be retrieved from a scan?

A. r35,r30,r3,r25,r20,r2,r15,r10,r1

B. r1,r2,r3,r10,r15,r20, r25,r30,r35

C. r1,r10,r15,r2,r20,r25,r3,r30,r35

D. r35,r30,r25,r20,r15,r10,r3,r2,r1

Correct Answer: D

QUESTION 7

Yon are storing page view data for a large number of Web sites, each of which has many subdomains (www.example.com, archive.example.com, beta.example.com, etc.) Your reporting tool needs to retrieve the total number of page views for a given subdomain of a Web site. Which of the following rowkeys should you use?

A. The reverse domain name (e.g., com.example.beta)

B. The domain name followed by the URL

C. The URL

D. The URL followed by the reverse domain name

Correct Answer: C

QUESTION 8

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\\'

D. put `Users\\',`Meta:UserID\\',`jsmith70\\',`Meta:Email,`jane@example.com\\'

Correct Answer: B

QUESTION 9

You need to create a "WebLogs" table in HBase. The table will consist of a single Column Family called "Errors" and two column qualifiers, "IP" and "URL". The shell command you should use to create the table is:

A. create\\'WebLogs\\',{NAME =>\\'Errors:IP\\', NAME =>\\'Errors:URL\\'}

B. create\\'WebLogs\\',\\'Errors\\'{NAME =>\\'IP\\', NAME =>\\'URL\\'}

C. create\\'WebLogs\\',\\'Errors:IP\\',\\'Errors:URL\\'

D. create\\'WebLogs\\',\\'Errors\\'

Correct Answer: C

QUESTION 10

You have a total of three tables stored in HBase. Exchanging catalog regions, how many regions will your RegionServers have?

A. Exactly three

B. Exactly one

C. At least one

D. Atleastthree

Correct Answer: B