



Vendor: Cloudera

Exam Code: CCD-333

Exam Name: Cloudera Certified Developer for Apache Hadoop

Version: DEMO

QUESTION 1

Custom programmer-defined counters in MapReduce are:

- A. Lightweight devices for bookkeeping within MapReduce programs.
- B. Lightweight devices for ensuring the correctness of a MapReduce program. Mappers increment counters, and reducers decrement counters. If at the end of the program the counters read zero, then you are sure that the job completed correctly.
- C. Lightweight devices for synchronization within MapReduce programs. You can use counters to coordinate execution between a mapper and a reducer.

Answer: B

QUESTION 2

Can you use MapReduce to perform a relational join on two large tables sharing a key? Assume that the two tables are formatted as comma-separated file in HDFS.

- A. Yes.
- B. Yes, but only if one of the tables fits into memory.
- C. Yes, so long as both tables fit into memory.
- D. No, MapReduce cannot perform relational operations.
- E. No, but it can be done with either Pig or Hive.

Answer: C

QUESTION 3

To process input key-value pairs, your mapper needs to load a 512 MB data file in memory. What is the best way to accomplish this?

- A. Place the data file in the DataCache and read the data into memory in the configure method of the mapper.
- B. Place the data file in the DistributedCache and read the data into memory in the map method of the mapper.
- C. Place the data file in the DistributedCache and read the data into memory in the configure method of the mapper.
- D. Serialize the data file, insert it in the JobConf object, and read the data into memory in the configure method of the mapper.

Answer: D

QUESTION 4

What types of algorithms are difficult to express in MapReduce?

- A. Algorithms that require global, shared state.
- B. Large-scale graph algorithms that require one-step link traversal.
- C. Relational operations on large amounts of structured and semi-structured data.
- D. Text analysis algorithms on large collections of unstructured text (e.g., Web crawls).
- E. Algorithms that require applying the same mathematical function to large numbers of individual binary records.

Answer: C

QUESTION 5

MapReduce is well-suited for all of the following applications EXCEPT? (Choose one):

- A. Text mining on a large collections of unstructured documents.
- B. Analysis of large amounts of Web logs (queries, clicks, etc.).
- C. Online transaction processing (OLTP) for an e-commerce Website.
- D. Graph mining on a large social network (e.g., Facebook friends network).

Answer: C

QUESTION 6

Your Custer's HDFS block size is 64MB. You have a directory containing 100 plain text files, each of which is 100MB in size. The InputFormat for your job is TextInputFormat. How many Mappers will run?

- A. 64
- B. 100
- C. 200
- D. 640

Answer: B

QUESTION 7

Does the MapReduce programming model provide a way for reducers to communicate with each other?

- A. Yes, all reducers can communicate with each other by passing information through the jobconf object.
- B. Yes, reducers can communicate with each other by dispatching intermediate key value pairs that get shuffled to another reduce
- C. Yes, reducers running on the same machine can communicate with each other through shared memory, but not reducers on different machines.
- D. No, each reducer runs independently and in isolation.

Answer: D

QUESTION 8

Which of the following best describes the map method input and output?

- A. It accepts a single key-value pair as input and can emit only one key-value pair as output.
- B. It accepts a list of key-value pairs as input but can emit only one key value pair as output.
- C. It accepts a single key-value pair as input and emits a single key and list of corresponding values as output
- D. It accepts a single key-value pair as input and can emit any number of key-value pairs as output, including zero.

Answer: C

Thank You for Trying Our Product

Lead2pass Certification Exam Features:

- ★ More than **99,900** Satisfied Customers Worldwide.
- ★ Average **99.9%** Success Rate.
- ★ **Free Update** to match latest and real exam scenarios.
- ★ **Instant Download** Access! No Setup required.
- ★ Questions & Answers are downloadable in **PDF** format and **VCE** test engine format.
- ★ Multi-Platform capabilities - **Windows, Laptop, Mac, Android, iPhone, iPod, iPad**.
- ★ **100%** Guaranteed Success or **100%** Money Back Guarantee.
- ★ **Fast**, helpful support **24x7**.



View list of all certification exams: <http://www.lead2pass.com/all-products.html>



Microsoft



ORACLE



CITRIX



JUNIPER
NETWORKS



EMC²
where information lives®

10% Discount Coupon Code: ASTR14