Informatica

PR000007

PowerCenter Data Integration 9.x Administrator Specialist

When can a reduce class also serve as a combiner without affecting the output of a MapReduce program?

A. When the types of the reduce operation's input key and input value match the types of the reducer's output key and output value and when the reduce operation is both communicative and associative.
B. When the signature of the reduce method matches the signature of the combine method.
C. Always. Code can be reused in Java since it is a polymorphic object-oriented programming language.
D. Always. The point of a combiner is to serve as a mini-reducer directly after the map phase to increase performance.
E. Never. Combiners and reducers must be implemented separately because they serve different purposes.

Answer: A

You want to run Hadoop jobs on your development workstation for testing before you submit them to your production cluster. Which mode of operation in Hadoop allows you to most closely simulate a production cluster while using a single machine?

A. Run all the nodes in your production cluster as virtual machines on your development workstation.
B. Run the hadoop command with the –jt local and the –fs file:///options.
C. Run the DataNode, TaskTracker, NameNode and JobTracker daemons on a single machine.
D. Run simldooop, the Apache open-source software for simulating Hadoop clusters.

Answer: C

Which one of the following files is required in every Oozie Workflow application?

A. job.properties
B. Config-default.xml
C. Workflow.xml
D. Oozie.xml

Answer: C

Workflows expressed in Oozie can contain:

A. Sequences of MapReduce and Pig. These sequences can be combined with other actions including forks, decision points, and path joins.

B. Sequences of MapReduce job only; on Pig on Hive tasks or jobs. These MapReduce sequences   can be combined with forks and path joins.
C. Sequences of MapReduce and Pig jobs. These are limited to linear sequences of actions with exception handlers but no forks.
D. Iterntive repetition of MapReduce jobs until a desired answer or state is reached.

Answer: A

Which best describes what the map method accepts and emits?

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

Answer: D

QUESTION: 107

Which HDFS command copies an HDFS file named foo to the local filesystem as localFoo?

A. hadoop fs -get foo LocalFoo
B. hadoop -cp foo LocalFoo
C. hadoop fs -Is foo
D. hadoop fs -put foo LocalFoo

Answer: A

QUESTION: 108

Identify the tool best suited to import a portion of a relational database every day as files into HDFS, and generate Java classes to interact with that imported data?

A. Oozie
B. Flume
C. Pig
D. Hue
E. Hive
F. Sqoop
G. fuse-dfs

Answer: F

SAMPLE QUESTIONS

*These questions are for demo purpose only. **Full version** is up to date and contains actual questions and answers.*

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