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ACA Big Data Certification Exam

Alibaba Cloud ACA-BigData1

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QUESTION NO: 1

You want to understand more about how users browse your public website. For example, you want to know which pages they visit prior to placing an order. You have a server farm of 100 web servers hosting your website. Which is the most efficient process to gather these web servers across logs into traditional Hadoop ecosystem.

- A. Just copy them into HDFS using curl
- B. Ingest the server web logs into HDFS using Apache Flume
- C. Channel these clickstreams into Hadoop using Hadoop Streaming
- D. Import all user clicks from your OLTP databases into Hadoop using Sqoop

ANSWER: B

QUESTION NO: 2

Machine Learning Platform for Artificial Intelligence (PAI) node is one of the node types in DataWorks business flow. It is used to call tasks created on PAI and schedule production activities based on the node configuration. PAI nodes can be added to DataWorks only _____ .

Score 2

- A. after PAI experiments are created on PAI
- B. after PAI service is activated
- C. after MaxCompute service is activated
- D. Spark on MaxCompute Machine Learning project is created

ANSWER: A

QUESTION NO: 3

Alibaba Cloud E-MapReduce can be easily plugged with other Alibaba Cloud services such as Log Service, ONS, MNS that act as data ingestion channels from real-time data streams. Which of the following descriptions about real-time processing are correct? (Number of correct answers: 3)

- A. This data is streamed and processed using Apache Flume or Kafka in integration with Apache Storm using complex algorithms
- B. Kafka is usually preferred with Apache Storm to provide data pipeline
- B. The final processed data can be stored in HDFS, HBase or any other big data store service in real time.
- C. Apache Sqoop is used to do the real-time data transmission of structured data

ANSWER: A B C

QUESTION NO: 4

There are three types of node instances in an E-MapReduce cluster: master, core, and

_____ .

Score 2

- A. task
- B. zero-load
- C. gateway
- D. agent

ANSWER: A

QUESTION NO: 5

DataWorks provides powerful scheduling capabilities including time-based or dependency-based task trigger mechanisms to perform tens of millions of tasks accurately and punctually each day based on DAG relationships. It supports multiple scheduling frequency configurations like:

(Number of correct answers: 4)

Score 2

- A. By Minute
- B. By Hour
- C. By Day
- D. By Week
- E. By Second

ANSWER: A B C D

QUESTION NO: 6

MaxCompute supports two kinds of charging methods: Pay-As-You-Go and Subscription (CU cost).

Pay-As-You-Go means each task is measured according to the input size by job cost. In this charging method the billing items do not include charges due to _____.

Score 2

- A. Data upload
- B. Data download
- C. Computing
- D. Storage

ANSWER: B

QUESTION NO: 7

Which of the following Hadoop ecosystem componets can you choose to setup a streaming log analysis system?(Number of correct answers: 3)

Score 2

- A. Apache Flume
- B. Apache Kafka

- C. Apache Spark
- D. Apache Lucene

ANSWER: A C D

QUESTION NO: 8

MaxCompute can coordinate multiple users to operate one project through ACL authorization. The objects that can be authorized by ACL include _____. (Number of correct answers: 3)

Score 2

- A. Project
- B. Table
- C. Resource
- D. Procedure

ANSWER: A B C

QUESTION NO: 9

The data development mode in DataWorks has been upgraded to the three-level structure comprising of _____, _____, and _____. (Number of correct answers: 3)

Score 2

- A. Project
- B. Solution
- C. Business flow
- D. Directory

ANSWER: A B D

QUESTION NO: 10

DataV is a powerful yet accessible data visualization tool, which features geographic information systems allowing for rapid interpretation of data to understand relationships, patterns, and trends. When a DataV screen is ready, it can embed works to the existing portal of the enterprise through _____.

- A. URL after the release
- B. URL in the preview
- C. MD5 code obtained after the release
- D. Jar package imported after the release

ANSWER: A