IBM

Exam C2090-136

Foundations of IBM Big Data & Analytics Architecture V1

Verson: Demo

[Total Questions: 10]

Question No : 1

A construction supply company has a lot of machine data ranging from sensors to GPS readings. They want to integrate and analyze this data to help them optimize their resource allocation and gain real time maintenance decision support while ensuring customer satisfaction. Which use case examples should the Solution Advisor review to guide them on their Big Data & Analytics adoption planning?

A. Big Data Exploration
B. Operational Analysis
C. Data Warehouse Modernization
D. Enhanced 360 View of the Customer

Answer: D

Question No : 2

Which two business value entry points are used when developing an improved IT economics solution?

A. Retention
B. Acquisition
C. govern and protect ail data
D. Financial performance management
E. Optimize Big Data & Analytics infrastructure

Answer: A,E

Question No : 3

Which item is a key benefit of IBM InfoSphere BigInsights (BigInsights} over other Hadoop distributions?

A. BigInsights provides POSIX-compliantfile connectors to files inHDFS.
B. BigInsights provides a more robust and extensive columnar storage engine.
C. BigInsights provides more comprehensive security capabilities using Kerberos.
D. BigInsights provides built-in spreadsheet, SQL, and Text Analytics for processing data within Hadoop.

Answer: C

Explanation: BigInsights also supports Kerberos service-to-service authentication protocol, increasing security strength to prevent middle man attacks.
Reference:
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Question No : 4

Which in-memory database design point helps use main memory more efficiently?

A. Single Instruction Multiple Data processing.
B. Automatic and always-on data compression.
C. Processing data using multiple processor cores.
D. Organizing data according to columns rather than rows.

Answer: D

Question No : 5

Company A is planning to sign up for IBM SoftLayer cloud to supplement their existing data centers which they own. Which solution can be deployed in a hybrid cloud model?

A. IBM Pure Data for Analytics on IBM SoftLayer.
B. IBM System z servers with some LPARS onsite and some on IBM SoftLayer
C. Perform analytics with on-premise database and IBM Cognos running on IBM Softlayer.
D. An IBM InfoSphere BigInsights Hadoop cluster with some data nodes on-premise and some on IBM SoftLayer.

Answer: C

Question No : 6

A public utility customer wants to detect anomalous conditions from data received from hundreds of thousands of sensors that monitor load and heat throughout their network. This data needs to be analyzed near real time in order to make adjustments before a piece of equipment shuts down or fails from an overload. This is an example of what type of data?

A. Relational Data
B. Streaming Data
C. Structured Data
D. Unstructured Data

Answer: C

Question No : 7

A Solution Advisor is requested to attend a new customer discovery call to support their Big Data & Analytics thinking and planning. The only information she is initially provided is the company background, how they support their industry, their purchasing history for hardware and software, and their general interest in doing more with information analysis. What is the typical first step that she should discuss with the customer?

A. Identify their business objectives and use cases for Big Data & Analytics.
B. Find out which competitors they are using or considering for Big Data & Analytics.
C. Identify their frustrations and gaps with their current product usage for Big Data & Analytics.
D. Discuss their current product installation and look for cross sell potential for Big Data & Analytics solutions.

Answer: A

Question No : 8

Which t\so statements are true about predictive analytics prerequisites?

A. Predictive analytics require input data to be in aggregate form.
B. Data for predictive analytics needs to be in third normal form (3NFY
C. Raw data for predictive analytics needs to be stored in Hadoop first
D. Data must be sufficient to train a predictive model for the business goal.
E. Acceptance is required from a business users' community of a predictive analytics

initiative and management sponsorship.

Answer: A

Question No : 9

What is the primary benefit of an in-database analytics solution?

A. Preparing data for analysis
B. Loading data into the analytic environment
C. Reducing the elapsed time between query and result
D. Moving data from the analytic engine to the reporting engine

Answer: A

Question No : 10

What can be used as business value entry points when developing an Optimize Operations solution?

A. Operation risk, retention
B. Harness and analyze all data, govern and protect all data
C. Business process operations, infrastructure and asset efficiency
D. Enable full spectrum of analytics, optimize Big Data & Analytics infrastructure

Answer: A