Question: 1 of 60

Which primary computing bottleneck of modern computers is addressed by Hadoop?

Correct.

unselected_label A. MIPS

selected_label B. disk latency vrai

unselected_label C. limited disk capacity

unselected_label D. 64-bit architecture

CORRECTION TEST

Question: 2 of 60

Which capability does IBM BigInsights add to enrich Hadoop?

Correct.

unselected_label B. Parallel computing on commodity servers

unselected_label D. Jaql

Question: 3 of 60

Which Hadoop-related project provides common utilities and libraries that support other Hadoop sub projects?

Correct.

unselected_label A. Hadoop HBase

selected_label B. Hadoop Common

unselected_label C. BigTable

unselected_label D. MapReduce

Question: 4 of 60

Which Big Data function improves the decision-making capabilities of organizations by enabling the organizations to interpret and evaluate structured and unstructured data in search of valuable business information?

Correct.

unselected_label A. distributed file system

unselected_label B. stream computing

unselected_label D. data warehousing

Question: 5 of 60

Which description identifies the real value of Big Data and Analytics?

Correct.

unselected_label A. providing solutions to help customers manage and grow large database

systems

unselected_label B. enabling customers to efficiently index and access large volumes of data

unselected_label C. using modern technology to efficiently store the massive amounts of data

generated by social networks

selected_label D. gaining new insight through the capabilities of the world's

interconnected intelligence

Question: 6 of 60

Which type of Big Data analysis involves the processing of extremely large volumes of constantly moving data that is impractical to store?

Correct.

unselected_label A. MapReduce

unselected_label B. Text Analysis

 Question: 7 of 60

What is one of the two technologies that Hadoop uses as its foundation?

Correct.

unselected_label A. HBase

selected_label B. MapReduce

unselected_label C. Apache

unselected_label D. Jaql

Question: 8 of 60

What is one of the four characteristics of Big Data?

Correct.

selected_label A. volume

unselected_label B. value

unselected_label C. verifiability

unselected_label D. volatility

Question: 9 of 60

How are Pig and Jaql query languages similar?

Correct.

unselected_label A. Both require schema.

unselected_label B. Both use Jaql query language.

unselected_label C. Both are developed primarily by IBM.

Question: 10 of 60

What is a characteristic of IBM GPFS that distinguishes it from other distributed file systems?

Correct.

unselected_label A. operating system independence

unselected_label B. no single point of failure

unselected_label D. blocks that are stored on different nodes

Question: 11 of 60

Which command displays the sizes of files and directories contained in the given directory, or the length of a file, in case it is just a file?

Correct.

unselected_label A. hdfs -du

selected_label B. hadoop fs -du

unselected_label C. hdfs fs size

unselected_label D. hadoop size

Question: 12 of 60

In the MapReduce processing model, what is the main function performed by the JobTracker?

Correct.

unselected_label B. executes the map and reduce functions

unselected_label C. assigns tasks to each cluster node

unselected_label D. copies Job Resources to the shared file system

Question: 13 of 60

Following the most common HDFS replica placement policy, when the replication factor is three, how many replicas will be located on the local rack?

Correct.

unselected_label A. three

unselected_label B. none

selected_label C. one

unselected_label D. two

Question: 14 of 60

Which statement is true regarding the number of mappers and reducers configured in a cluster?

Correct.

unselected_label A. The number of mappers must be equal to the number of nodes in a

cluster.

unselected_label B. The number of reducers is always equal to the number of mappers.

unselected_label C. The number of mappers and reducers is decided by the NameNode.

selected_label D. The number of mappers and reducers can be configured by modifying

the mapred-site.xml file.

Question: 15 of 60

Which command helps you create a directory called mydata on HDFS?

Correct.

unselected_label A. hadoop fs -dir mydata

selected_label B. hadoop fs -mkdir mydata

unselected_label C. mkdir mydata

unselected_label D. hdfs -dir mydata

Question: 16 of 60

What are two of the core operators that can be used in a Jaql query? (Select two.)

(Please select ALL that apply)

Correct.

unselected_label A. SELECT

selected_label B. JOIN

unselected_label C. LOAD

selected_label D. TOP

Question: 17 of 60

Which type of language is Pig?

Correct.

unselected_label A. SQL-like

unselected_label B. object oriented

selected_label D. data flow

Question: 18 of 60

Under the MapReduce programming model, which task is performed by the Reduce step?

Correct.

unselected_label A. Input data is split into smaller pieces.

selected_label B. Data is aggregated by worker nodes.

unselected_label C. Worker nodes process individual data segments in parallel.

unselected_label D. Worker nodes store results in the local file system.

Question: 19 of 60

In which step of a MapReduce job is the output stored on the local disk?

Correct.

unselected_label A. Shuffle

selected_label B. Map

unselected_label C. Reduce

unselected_label D. Combine

Question: 20 of 60

What key feature does HDFS 2.0 provide that HDFS does not?

Correct.

unselected_label A. random access to data in the cluster

unselected_label B. a high throughput, shared file system

unselected_label D. data access performed by an RDBMS

Question: 21 of 60

Which statement represents a difference between Pig and Hive?

Correct.

unselected_label A. Pig has a shelf interface for executing commands.

unselected_label B. Pig is used for creating MapReduce programs.

unselected_label D. Pig is not designed for random reads/writes or low-latency queries.

Question: 22 of 60

Which element of the MapReduce architecture runs map and reduce jobs?

Correct.

unselected_label A. Reducer

unselected_label B. JobTracker

unselected_label D. JobScheduler

Question: 23 of 60

What is one of the two driving principles of MapReduce?

Correct.

unselected_label A. provide structure to unstructured or semi-structured data

selected_label B. spread data across a cluster of computers

unselected_label C. provide a platform for highly efficient transaction processing

unselected_label D. increase storage capacity through advanced compression algorithms

Question: 24 of 60

What is one function of the JobTracker in MapReduce?

Correct.

unselected_label A. reports status of DataNodes

selected_label B. keeps the work physically close to the data

unselected_label C. runs map and reduce tasks

unselected_label D. manages storage

Question: 25 of 60

In addition to the high-level language Pig Latin, what is a primary component of the Apache Pig platform?

Correct.

unselected_label A. platform-specific SQL libraries

unselected_label B. built-in UDFs and indexing

unselected_label C. an RDBMS such as DB2 or MySQL

Question: 26 of 60

To run a MapReduce job on the BigInsights cluster, which statement about the input file(s) must be true?

Correct.

unselected_label A. The file(s) must be stored on the local file system where the map reduce

job was developed.

unselected_label B. No matter where the input files are before, they will be automatically

copied to where the job runs.

unselected_label C. The file(s) must be stored on the JobTracker.

selected_label D. The file(s) must be stored in HDFS or GPFS.

Question: 27 of 60

Which command should be used to list the contents of the root directory in HDFS?

Correct.

unselected_label A. hdfs list /

unselected_label B. hadoop fs list

selected label C. hadoop fs -ls /

unselected_label D. hdfs root

Question: 28 of 60

If you need to change the replication factor or increase the default storage block size, which file do you need to modify?

Correct.

unselected_label A. hadoop.conf

unselected_label B. hdfs.conf

unselected_label C. hadoop-configuration.xml

Question: 29 of 60

Under the HDFS architecture, what is one purpose of the NameNode?

Correct.

unselected_label A. to coordinate MapReduce jobs

unselected_label B. to periodically report status to DataNode

unselected_label D. to manage storage attached to nodes

Question: 30 of 60

Which statement is true about Hadoop Distributed File System (HDFS)?

Correct.

unselected_label B. Data can be created, updated and deleted.

unselected_label C. Data is designed for random access read/write.

unselected_label D. Data can be processed over long distances without a decrease in

performance.

Question: 31 of 60

When running a MapReduce job from Eclipse, which BigInsights execution models are available? (Select two.)

(Please select ALL that apply)

Correct.

selected_label A. Local

unselected_label B. Distributed

unselected_label C. Debugging

unselected_label D. Remote

Question: 32 of 60

Which Hadoop-related technology supports analysis of large datasets stored in HDFS using an SQL-like query language?

Correct.

selected_label A. Hive

unselected_label B. Pig

unselected_label C. HBase

unselected_label D. Jaql

Question: 33 of 60

Which statement about NoSQL is true?

Correct.

unselected_label A. It is based on the highly scalable Google Compute Engine.

selected_label

B. It is a database technology that does not use the traditional relational

model.

unselected_label C. It is an IBM project designed to enable DB2 to manage Big Data.

unselected_label D. It provides all the capabilities of an RDBMS plus the ability to manage Big

Data.

Question: 34 of 60

In Hive, what is the difference between an external table and a Hive managed table?

Correct.

selected_label A. An external table refers an existing location outside the warehouse

directory.

unselected_label B. An external table refers to the data stored on the local file system.

unselected_label C. An external table refers to a table that cannot be dropped.

unselected_label D. An external table refers to the data from a remote database.

Question: 35 of 60

What is the "scan" command used for in HBase?

Correct.

unselected_label A. to get detailed information about the table

unselected_label B. to report any inconsistencies in the database

unselected_label C. to list all tables in Hbase

Question: 36 of 60

Which utility provides a command-line interface for Hive?

Correct.

unselected_label A. Hive SQL client

unselected_label B. Thrift client

unselected_label D. Hive Eclipse plugin

Question: 37 of 60

If you need to JOIN data from two workbooks, which operation should be performed beforehand?

Correct.

unselected_label

A. "Copy" to create a new sheet with the other workbook data in the current

workbook

selected label

B. "Load" to create a new sheet with the other workbook data in the

current workbook

unselected_label

C. "Group" to bring together the two workbooks

unselected_label

D. "Add" to add the other workbook data to the current workbook

Question: 38 of 60

Which is a use-case for Text Analytics?

Correct.

unselected_label

A. health insurance cost/benefit analysis from payroll data

unselected_label

B. managing customer information in a CRM database

selected_label

C. sentiment analytics from social media blogs

unselected_label

D. product cost analysis from accounting systems

Question: 39 of 60

Which statement will make an AQL view have content displayed?

Correct.

selected_label

A. output view <view_name>

unselected_label

B. display view <view_name>

unselected_label

C. return view <view_name>

unselected_label

D. export view <view_name>

Question: 40 of 60

What drives the demand for Text Analytics?

Correct.

unselected_label A. Data warehouses contain potentially valuable information.

unselected_label B. MapReduce is unable to process unstructured text.

unselected_label D. Text Analytics is the most common way to derive value from Big Data.

Question: 41 of 60

You work for a hosting company that has data centers spread across North America. You are trying to resolve a critical performance problem in which a large number of web servers are performing far below expectations. You know that the information written to log files can help determine the cause of the problem, but there is too much data to manage easily. Which type of Big Data analysis is appropriate for this use case?

Correct.

unselected_label A. Temporal Analysis

unselected_label B. Data Warehousing

unselected_label D. Stream Computing

Question: 42 of 60

Which key benefit does NoSQL provide?

Correct.

unselected_label A. It allows an RDBMS to maintain referential integrity on a Hadoop data set.

selected label B. It can cost-effectively manage data sets too large for traditional RDBMS.

unselected_label C. It allows customers to leverage high-end server platforms to manage Big

Data.

unselected_label D. It allows Hadoop to apply the schema-on-ingest model to unstructured Big

Data.

Question: 43 of 60

Which technology does Big SQL utilize for access to shared catalogs?

Correct.

selected label A. Hive metastore

unselected_label B. RDBMS

unselected_label C. MapReduce

unselected_label D. HCatalog

Question: 44 of 60

Why develop SQL-based query languages that can access Hadoop data sets?

Correct.

selected_label A. because the MapReduce Java API is sometimes difficult to use

unselected_label B. because the data stored in Hadoop is always structured

unselected_label C. because data stored in a Hadoop cluster lends itself to structured SQL

queries

unselected_label D. because SQL enhances query performance

Question: 45 of 60

What is the most efficient way to load 700MB of data when you create a new HBase table?

Correct.

selected_label A. Pre-create regions by specifying splits in create table command and bulk

loading the data.

unselected_label B. Pre-create the column families when creating the table and bulk loading

the data.

unselected_label C. Pre-create regions by specifying splits in create table command and use

the insert command to load data.

unselected_label D. Pre-create the column families when creating the table and use the put

command to load the data.

Question: 46 of 60

Which Hive command is used to query a table?

Correct.

unselected_label A. EXPAND

unselected_label B. TRANSFORM

unselected_label C. GET

selected_label D. SELECT

Question: 47 of 60

Which tool is used to access BigSheets?

Correct.

unselected_label A. Microsoft Excel

unselected_label B. BigSheets client

unselected_label D. Eclipse

Question: 48 of 60

Which command can be used in Hive to list the tables available in a database/schema?

Correct.

unselected_label A. show all

unselected_label B. list tables

unselected_label C. describe tables


```
Question: 50 of 60
The following sequence of commands is executed:
create 'table_1','column_family1','column_family2'
put 'table_1','row1','column_family1:c11','r1v11'
put 'table_1','row2','column_family1:c12','r1v12'
put 'table_1','row2','column_family2:c21','r1v21'
put 'table_1','row3','column_family1:d11','r1v11'
put 'table_1','row2','column_family1:d12','r1v12'
put 'table_1','row2','column_family2:d21','r1v21'
In HBase, which value will the "count 'table_1'" command return?
Correct.
unselected_label
                       A. 4
selected_label
                       B. 3
unselected_label
                       C. 2
unselected_label
                       D. 6
```

Question: 51 of 60

Which tool is used for developing a BigInsights Text Analytics extractor?

Correct.

unselected_label A. AQLBuilder

unselected_label B. BigInsights Console with AQL plugin

unselected_label C. AQL command line

Question: 52 of 60

What makes SQL access to Hadoop data difficult?

Correct.

selected_label A. Data is in many formats.

unselected_label B. Hadoop requires pre-defined schema.

unselected_label C. Hadoop data is highly structured.

unselected_label D. Data is located on a distributed file system.

Question: 53 of 60

Which Hadoop-related technology provides a user-friendly interface, which enables business users to easily analyze Big Data?

Correct.

unselected_label A. BigSQL

unselected_label B. Avro

unselected_label D. HBase

Question: 54 of 60

What is an accurate description of HBase?

Correct.

unselected_label A. It is a distributed file system that replicates data across a cluster.

selected_label B. It is an open source implementation of Google's BigTable.

unselected_label C. It is a database schema for unstructured Big Data.

unselected_label D. It is a data flow language for structured data based on Ansi-SQL.

Question: 55 of 60

What is one of the main components of Watson Explorer (InfoSphere Data Explorer)?

Correct.

selected_label A. crawler

unselected_label B. validater

unselected_label C. replicater

unselected_label D. compressor

Question: 56 of 60

How can the applications published to BigInsights Web Console be made available for users to

execute?

Correct.

unselected_label B. They need to be marked as "Shared."

unselected_label C. They need to be linked with the master application.

unselected_label D. They need to be copied under the user home director

Question: 57 of 60

Which component of Apache Hadoop is used for scheduling and running workflow jobs?

Correct.

unselected_label A. Task Launcher

unselected_label B. Eclipse

unselected_label C. Jaql

selected_label D. Oozie

Question: 58 of 60

IBM InfoSphere Streams is designed to accomplish which Big Data function?

Correct.

selected_label A. analyze and react to data in motion before it is stored

unselected_label B. execute ad-hoc queries against a Hadoop-based data warehouse

unselected_label C. analyze and summarize product sentiments posted to social media

unselected_label D. find and analyze historical stream data stored on disk

Question: 59 of 60

Which IBM tool enables BigInsights users to develop, test and publish BigInsights applications?

Correct.

unselected_label A. HBase

selected_label B. Eclipse

unselected_label C. Avro

unselected_label D. BigInsights Applications Catalog

Question: 60 of 60

Which IBM Big Data solution provides low-latency analytics for processing data-in-motion?

Correct.

selected_label A. InfoSphere Streams

unselected_label B. InfoSphere Information Server

unselected_label C. InfoSphere BigInsights

unselected_label D. PureData for Analytics

Modules en ligne

Unit 1. Big Data Overview

Q1.Which of the following is not a characteristic of Big Data

Virtual

Q2. Which of the following statements is not true about the 5 key Big Data Use Cases?

Enhanced 360° View of the customer extends existing customer views by incorporating internal data sources only.

Q3.Which of the following Big Data Platform components can cost effectively analyze petabytes of structured and unstructured data at rest?

Hadoop System

Unit 2. Hadoop big data analysis tool (45 minutes)

Q1.What is Hadoop?

An open-source software framework for distributed storage and distributed processing of Big Data on clusters of commodity hardware.

Q2.What are the main components of Hadoop?

Map Reduce, Hadoop Common, HDFS

Q3. How do you manage BigInsights?

- -Add/Drop services
- -Explore/Modify system Health
- -Launch/Monitor file system

None of the above

Unit 3. HDFS

Q1.What is NOT true about Hadoop Distributed File System (HDFS)?

Designed for random access not streaming reads

Q2. True or False: In HDFS, the data blocks are replicated to multiple nodes

True

Q3.What is NOT true about the Namenode StartUp?

NameNode stores data blocks

Exercise 1. HDFS Lab (60 minutes)

- *Q1. HDFS command for reporting basic filesystem information and statistics hadoop dfsadmin -report
- *Q2. Select two methods for browsing files stored to HDFS in BigInsights hadoop fs , BigInsights Web Console, Files Tab
- *Q3. Hadoop command for copying files from local file system to HDFS: **hadoop fs –put**

Unit 4. MapReduce (60 minutes)

Q1. What is not a MapReduce Task?

Reader

Q2. True or False: Map Tasks need Key and Value pairs as input.

true

Q2. Which Java class is responsible for taking HDFS file and transforming it into splits.

InputSplitter

Q3.Regarding Task Failure; if a child task fails, where does the child JVM reports before

TaskTracker

Exercise 2. Mab Reduce Lab (60 minutes)

Q1.What are the main components of a Java MapReduce program (Select 3) Map class, Reduce class, Driver or main class

Q2. What are two execution modes of a Java MapReduce program developed in Eclipse

Cluster, Local

Q3.What are the breakpoints which can be set for a Java MapReduce program in Eclipse stop points to suspend the program execution for debugging purposes

Unit 5. Hadoop Query Languages (45 minutes)

Q.1. What is NOT a similarity of Pig, Hive and Jaql?

Designed for random reads/writes or low latency queries

Q2.What is NOT true about Hive?

Designed for low latency queries, like RDBMS such as DB2 and Netezza

Q3. True or False: A Jaql query can be thought of as a stream of operations. True

Unit 6. Hive (45 minutes)

Q1.True or False: Data Warehouse augmentation is a very common use case for Hadoop.

True

Q2. The clause that indicates the storage file/record format on HDFS.

stored as

Q3. True or False: Hive comes with an HBase storage handler.

True

Q4.A variable name that determines whether the map/reduce jobs should be submitted through a separate JVM in the non local mode.

hive.exec.submitviachild

Exercise 3. Hive Lab (60 minutes)

Q1. What is true regarding Hive External Tables?

data is stored outside the Hive warehouse directory

Q2. What Hive command list all the base tables and views in a database?

show tables

Q3.What Hive command is used for loading data from a local file to HDFS?

LOAD DATA LOCAL INPATH

Unit 7. HBase (60 minutes)

Q1. What is true about HBase?

All of the above

Q2.Which is not an ACID property?

Concurrency

Q3. True or False: HBase region servers are responsible for serving and managing regions

True

Q4.What is NOT true about ZooKeeper?

It is a tool for analyzing streaming data

Exercise 4. HBase Lab (60 minutes)

Q1. Which of the following statements is true about CREATE statement in HBase

It only requires the name of table and one or more column families

Q2. Which command must be executed before deleting an HBase table or changing its settings?

Disable

Q3.Which command is used in HBase for inserting data in a table?

Put

Unit 8: Big SQL (45 minutes)

Q1.What is NOT true regarding Big SQL?

Incurs measurable overhead for the sake of resiliency

Q2. Which of the following tools can be used to access a Big SQL server?

All of the above

Q3. Which of the following data types are not supported by Big SQL?

Byte

Q4. You can insert records into BIGSQL table mapped to an HBASE table

True

Q5. You can insert records into BIGSQL table mapped to a HIVE table

False

Exercise 5. Big SQL Lab (45 minutes)

Q1.Which statement can be used to load data in a Big SQL table?

load hadoop

Q2.Which of the following is true about CREATE HADOOP TABLE statement It creates a Big SQL table and the data will be stored in HDFS/GPFS

Q3.Which of the following statements represents a difference between a Big SQL table and a DB2 table?

When creating a Big SQL table, information on how the data is stored on disk must be provided

NO.3 Which of the following options is CORRECT?

- A. InfoSphere Streams submits queries to structured static data.
- B. InfoSphere Streams submits queries to structured dynamic data.
- C. InfoSphere Streams submits queries to unstructured dynamic data.

D. InfoSphere Streams submits dynamic data to pre-existing queries.

NO.5 Hadoop environments are optimized for:

- A. Processing transactions (random access).
- B. Low latency data access.
- C. Batch processing on large files.
- D. Intensive calculation with little data.

Unit 13. AQL Syntax (45 minutes)

Q1.A data model scalar type that represents a bag of values.

List

Q2. In the context of AQL, which of the following is not a clause?

View

True or False: Text Analytics is a powerful information extraction system providing multilingual support.

True

Line of code used to specify the Module Name at the beginning of an AQL file

module

Unit 12. Text Analytics (60 minutes)

Q1.An SQL style programming language for text mining or text extraction?

AQL

Q2.A list of entries containing domain specific terms.

Dictionary

Q3.Which is not a built-in scalar type of an AQL Data Model?

Char

Q4. True or False: Text analytics Java API is part of the Big Insights Text Analytics Components.

True

Unit 9. JAQL (60 minutes)

Q1. What is JAQL?

Jaql is a query language initially designed for Javascript Object Notation (JSON) data format

Q2. An operation that can't be performed by JAQL on I/O Adapters? **localWrite**()

Q3. The function that explicitly sends each element of an array to a mapper.

arrayRead()

Exercise 6. JAQL Lab (90 minutes)

Q1.Which operation allows reading a file using Jaql? **read(())**

Q2. Which of the following Jaql operators helps projecting or retrieving a subset of columns or fields from a data set?

Transform

Q3.Which Jaql expression can be used to flatten nested arrays?

Expand

Unit 10. Application Development (45 minutes)

Q1. Which does not belong in the BlgInsights Application types?

BigData

Q2. What component of Apache Hadoop can be used for scheduling and running workflow jobs?

Oozie

Action

Q.3.An element in a Workflow XML that invokes a program or script?

Q4. Steps in deploying your application on the cluster.

Access applications tab -> Manage published applications -> Locate new application -> Deploy application -> Execute application

Exercise 7: Application Development Lab (90 minutes

Q1.Select a BigInsights execution mode for an application or script developed in Eclipse

Cluster

Q2.What step needs to be performed for an application published to BigInsights Web Console to become available for users to run it?

It needs to be deployed with proper privileges

Q3. Which part of the BigInsights web console, provides information, that would help a user troubleshoot and diagnose, a failed application job?

Application Status tab

Unit 11. Browser-based data analytics tool (45 minutes)

Q1.What is BigSheets?

Evaluates and compiles front-end commands into executable work

Browser based analytics tool for business users

Executes work on a simulated environment of sample data

Combines data in different workbooks

All of the above

Q2.Which is NOT true regarding the BigSheets workbook?

Representation of data within the tool

Simple spreadsheet-like structure

Created and managed by user

All of the above

None of the above

Q3.What is the 'Add Sheets' option that helps calculate values by grouping the data in the workbook, applying functions to each group and carrying over data.

Pivot

Q4.Provides 10+ build-in functions to extract names, addresses, organizations, email and phone numbers

Text Analytics Integration

Exercise 8. browser-based data analytics tool lab (90 minutes)

Q1. Which statement is NOT true about BigSheets Readers?

They are needed to visualise encrypted data

Q2. True or False: You can apply only a single operation to a sheet

True

Q3.Which statement describes a BigSheets Master Workbook feature?

It points to a file or table stored in Hadoop

Exercise 9. AQL Email Analysis Lab (60 minutes)

Q1. Which tool can be used for developing a Text Analytics Extractor?

Eclipse with BigInsights tools for Eclipse

Q2. Which of the following is an AQL statement that can be used to create a component of a Text Analytics extractor

create view <view_name> as <select or extract statement>;

Q3. What statement can be used to display the content of an AQL view?

output view <view_name>;

Unit 14. Streams (45 minutes)

Q1.What big data characteristic is not covered by InfoSphere Streams?

Virtual

Q2.What is true regarding Streams Processing Language (SPL)?

It is declarative

It has procedural support

It is extensible

It is designed for stream computing

All of the above

Q3.An Eclipse-based tool that enables developers to create, edit, visualize, test, debug, run SPL and SPL mixed-mode applications

InfoSphere Streams Studio

Q4.SWS provides web-based graphical user interface in Streams Console, what does SWS stands for?

Streams Web Service

Exercise 10: Streams Lab

Q1. Which tool is used to develop Streams jobs and applications?

Streams Studio

Q2. Which of the following statements is true regarding the Instance Graph available in InfoSphere Streams:

The Instance Graph provides a graphical view of the application that's currently running in an instance; it is a very helpful tool for debugging Streams applications at runtime

Q3. In the context of InfoSphere Streams what is Streams Console?

Web based tool used to monitor and manage InfoSphere Streams instances and applications

Unit 15: Data Explorer overview

Q1.What is true regarding Data Explorer?

Explorer's search combines content and data from many different systems throughout the enterprise and presents it to users in a single view.

Q2. In the context of an enterprise search engine, what is called the process of retrieving documents?

Crawling

Q3. A component of Data Explorer Engine that process raw data discovered by the crawler and produce 1+ pieces of index-able data.

Converting

Q4. True or False: Data Explorer's collaborative search enables saving and sharing of results and queries among users.

True

Exercise 11: Data Explorer Lab

Q1What is a Search Collection?

It represents one or more information repositories and the online index created from them when the Data Explorer search engine crawls those sources

Q2.What should be done when configuring a Data Explorer project so that the search results are grouped by values of specific metadata, tags, or other parameters?

Add Binning to the Search Collection

Q3.Which tool can be used to create and configure a Data Explorer search project? **Data Explorer Engine administration tool**