

Hitachi.HCE-5920.v2022-09-28.q26

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□□□□:	Hitachi Vantara Certified Specialist - Pentaho Data Integration Implementation
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NEW QUESTION: 1

Which content is found in the kettle, properties files?

- A. default language translations
- B. repository connection properties
- C. stored database objects
- D. global variables

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 2

You are developing the PDI solution for a customer. The customer requires that a set of SQL statements are executed on each connection to the database.

Which method will satisfy this requirement?

- A. Use the Options section in the Database Connection windows and pass the SQL statements to the database as a parameter.
- B. Use the Database Connection wizard and specify SQL statements.
- C. Use the Advanced section in the Database Connection window to enter the SQL statements.
- D. Use JNDI to specify the SQL statements.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 3

Which feature of PDI will allow you to create an Interactive Reporting report against a Web service?

- A. Capability Manager
- B. Pontaho Data Service
- C. Metadata Injection
- D. Checkpoints

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 4

You have a PDI job with an Oozie JobExecutor entry and you want this job entry to finish before the next job entry starts.

How do you accomplish this task?

- A. Set the Enable Blocking option
- B. Add the timeout property in the Advanced Options pane.
- C. Use a Wait For entry
- D. Use a Simple Evaluation entry

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 5

You have a PDI input step that generates data within a transformation.

Which two statements are true about downstream steps in this scenario? (Choose two.) Choose 2 answers

- A. Multiple steps can receive data from the input step.
- B. The steps will receive a stream of data from the input as soon as it is available.
- C. The steps will receive the data once the input step fully fetches it.
- D. Only one step can receive data from the input step.

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 6

A customer needs to extract data from many different text file layouts with new file layouts being identified in the future and they want to insert the data into corresponding database tables. They are concerned about maintaining multiple PDI jobs and transformations given the large number of unique files.

What should you do to meet the requirements when creating transformations?

- A. Use the Metadata structure of stream step for each file.
- B. Use the ETL Metadata injection step
- C. Use the Job Executor step for each file.
- D. Use the Transformation Executor step for each file.

Answer: B [\(LEAVE A REPLY\)](#)

NEW QUESTION: 7

You need to download files from a web site as part of a PDI job.

Which job entry will accomplish this task?

- A. Get a file with FTP
- B. Copy Files
- C. HTTP
- D. Sqoop import

Answer: C [\(LEAVE A REPLY\)](#)

NEW QUESTION: 8

You are encryption your database connection password to use in the kettle.properties file. The output of the encr script is:

Encrypted XYZabc123

In this scenario, which syntax is correct?

- A. DB_PASSWORD=StringrXYZABC123")
- B. DB_PASSWORD-XYZABC123
- C. DB_PASSWORD=Encfypted("XYZABC 123*")
- D. DB_PASSWORD-Encrypted XY2ABC123

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 9

An existing PDI job that checks the availability of a Web service is a sending a failure email even when the Web service is available.

You want this failure email to be sent only when the Web service is unavailable.

What should you do on tie hop between me two entries?

- A. Set the hop Evaluation option to Follow When.
- B. Flip the direction
- C. Set the hop Evaluation option to Unconditional.
- D. Set the hop Evaluation option to Follow When Result a True.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 10

You need to load data from many CSV files intoa database and you want to minimize the number of PDI jobs and transformations that need to be maintained.

In which two scenarios is Metadata injection the recommend option? (Choose two.) Choose 2 answers

- A. When the files have a different structure and have different target tables.
- B. When the files have the same structure and have different target tables.
- C. When the files have a different structure and have the same target table.
- D. When the files have the same structure and have the same target table.

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 11

A customer has an existing PDI job that calls a transformation. They want to execute the transformation through Spark on their Hadoop cluster.

Which change must be made to satisfythisrequirement?

- A. Change the Arguments of the transformation
- B. Change the Logging options of the transformation
- C. Change the Run Configuration of the transformation
- D. Change the Parameters of the transformation

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 12

Which two steps in a transformation allow variable values to be used throughout the rest of a PDI job?

(Choose two.)

Choose 2 answers

- A. the 'Set Variables' step
- B. the Modified Java Script Value' step
- C. the 'Select values' step
- D. the 'Table input step

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 13

You have multiple transformations that read and process data from multiple text files. You identify a series of steps that are common across transformations and you want to re-use them to avoid duplication of code.

How do you accomplish this?

- A. Use the 'Job Executor' step containing the series of steps
- B. Use the 'Get data from XML' step to read the series of steps
- C. Use the 'ETL Metadata Injection' step containing the series of steps.
- D. Use the 'Mapping (sub-transformation)' step containing the series of steps.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 14

You want to manage a slowly changing dimension as type II.

Which step in PDI should you use to accomplish this task.

- A. The 'Combination lookup/update' step
- B. The 'Table output' step
- C. The 'Dimension Lookup/update' step
- D. The 'Shared Dimension' step

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 15

A client is developing a Web application to implement a wizard-like application used by many users. At several points in the workflow, the application needs to execute jobs and transformations that are stored in the Pentaho server. Execution will include user-specific parameters. Upon completion of the job or transformation, the Web application will continue to the next UI page.

What is the recommended approach to accomplish this task?

- A. Use the Web service API to execute the jobs and transformations on the Pentaho server.
- B. Use the scheduling tool of the OS to execute the job and transformation on the Pentaho server.
- C. Use the Kitchen and pan scripts to execute the jobs and transformations on the Pentaho server.
- D. Use the Job and Transformation steps to execute the jobs and transformations on the Pentaho server.

Answer: C ([LEAVE A REPLY](#))

Explanation

https://help.hitachivantara.com/Documentation/Pentaho/8.2/Products/Data_Integration/Command_Line_Tools

NEW QUESTION: 16

A Big Data customer wants to run POI transformations on Spark on their production Hadoop cluster using Pentaho's Adaptive Execution Layer (AEL) What are two stepsforinstalling AEL? (Choose two.) Choose 2 answers

- A.** Run the Spark application butter tool to obtain the AEL daemon zip file.
- B.** Configure the AEL daemon in Local Mode.
- C.** Run the AEL Oozie job to install the AEL daemon.
- D.** Configure the AEL daemon in YARN Mode

Answer: B,D (LEAVE A REPLY)

Explanation

[https://help.hitachivantara.com/Documentation/Pentaho/8.3/Setup/Set_up_the_Adaptive_Execution_Layer_\(AEL](https://help.hitachivantara.com/Documentation/Pentaho/8.3/Setup/Set_up_the_Adaptive_Execution_Layer_(AEL)

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NEW QUESTION: 17

The log files on a Pentaho server rotate daily and are getting too large. You want to change want logs to rotate hourly.

how do you adjust the log settings?

- A.** Modify the Tomcat startup bat or startup.sh script
- B.** Modify the transformation's properties.
- C.** Modify the Pentaho server's tog4j.xml.
- D.** Modify the start-pentaho bat or start-pentaho.sh script

Answer: B (LEAVE A REPLY)

NEW QUESTION: 18

You need to populate a fact table with the corresponding surrogate keys from each dimension table Which two steps accomplish this task? (Choose two.) Choose 2 answers

- A.** the 'Combination lookup/update' step
- B.** the 'Filter rows' step
- C.** the Dimension lookup/update' step
- D.** the 'Select values' step

Answer: (SHOW ANSWER)

NEW QUESTION: 19

You need to process data on the nodes within a Hadoop cluster. To accomplish this task, you write a mapper and reducer transformation and use the Pentaho MapReduce entry to execute the MapReduce job on the cluster.

In this scenario, which two steps are required within the transformations? (Choose two.) Choose 2 answers

- A. the Hadoop File Input step
- B. the Hadoop File Output step
- C. the MapReduce Input step
- D. the MapReduce Output step

Answer: (SHOW ANSWER)

NEW QUESTION: 20

According to Hitachi Vantara best practices, which three statements are true when designing a real-time streaming solution? (Choose three.) Choose 3 answers

- A. Using sorts during data ingestion can block downstream processing.
- B. Data duplication detection and management should be handled during real-time data processing.
- C. You should enable error handling on each step that could cause a message parsing fatal error.
- D. The Kafka Consumer step has an offset setting that allows records to be reprocessed in the event of failure.
- E. You should process data in large batches to make sure it is processed as soon as possible.

Answer: B,D,E (LEAVE A REPLY)

NEW QUESTION: 21

What must be the first PDI step in a child transformation ingesting records from Kafka?

- A. Kafka Consumer
- B. Get rows from result
- C. Get data from Kafka
- D. Get records from stream

Answer: (SHOW ANSWER)

NEW QUESTION: 22

A Big Data customer is experiencing failures on a Table Input step when running a PDI transformation on AEL Spark against a large Oracle database.

What are two methods to resolve this issue? (Choose two.)

Choose 2 answers

- A. Increase the maximum size of the message buffers for your AEL environment.
- B. Add the Step ID to the Configuration File.
- C. Increase the Spark driver memory configuration.
- D. Load the data to HDFS before running the transform.

Answer: A,D (LEAVE A REPLY)

NEW QUESTION: 23

You are running a PDI Job and you need to identify when something fails for a specific job entry to notify the sysops team about the failure.

Which statement is correct in this scenario?

- A. Define the true evaluation hop out of the job entry that you are going to verify.
- B. Define the unconditional evaluation hop out of the job entry that you are going to verify.
- C. Define the false evaluation hop out of the job entry that you are going to verify.
- D. Do not define any evaluation hop out of the Job entry that are going to verify.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 24

You are implementing a Pentaho server repository for a customer.

The customer will be using the Pentaho Scheduler.

Which repository supports this requirement?

- A. Kettle File Repository
- B. Kettle Database Repository
- C. Pentaho Repository
- D. Carlo Repository

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 25

To simplify the migration of a PDI solution from one environment to another, you need to externalize all database connection details.

Which two methods will satisfy this requirement? (Choose two.)

Choose 2 answers

- A. Use Manage Data Source to create a new connection in Spoon.
- B. Set the connection details in the Kettle properties file.
- C. Use the Data Source Wizard to generate the connection details.
- D. Create a properties file that includes the connection details and use the Set Variables step to load these properties.

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 26

You are running a PDI Job and you need to identify when something fails for a specific job entry to notify the sysops team about the failure.

Which statement is correct in this scenario?

- A. Define the unconditional evaluation hop out of the job entry that you are going to verify.
- B. Do not define any evaluation hop out of the Job entry that are going to verify.
- C. Define the false evaluation hop out of the job entry that you are going to verify.
- D. Define the true evaluation hop out of the job entry that you are going to verify.

Answer: B ([LEAVE A REPLY](#))

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