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Hitachi Vantara Certified Specialist - Pentaho Data Integration Implementation

Hitachi HCE-5920

Version Demo

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QUESTION NO: 1

You are preparing a server environment for an archive installation of a Pentaho server

According to Hitachi Vantara best practices which environment variable should be set?

A. KETTLEHOME

B. JAVA_HOME

C. PENTAHO_JAVA_HOME

D. SPOON HOME

ANSWER: C

Explanation:

Set environment variables

If you do not set the HOME environment variables, Pentaho will not start correctly. Complete the steps in this topic to ensure that you have set the HOME environment variables properly.

SET PENTAHO_JAVA_HOME=C:\Program Files\Java\jdk8.x.x.x

ECHO %PENTAHO_JAVA_HOME%

https://help.hitachivantara.com/Documentation/Pentaho/8.3/Setup/Prepare_your_Windows_environment_for_an_archive_install

QUESTION NO: 2

When deploying your work lo the Pentaho server, which configuration Me should you review to ensure that the environment variable information is moved correctly?

A. repositories.xml

B. shared.xml

C. kettle.properties

D. context.xml

ANSWER: D

QUESTION NO: 3

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

How do you accomplish this task?

A. Use a Simple Evaluation entry

B. Add the timeout property in the Advanced Options pane.

C. Use a Wait For entry

D. Set the Enable Blocking option

ANSWER: C

QUESTION NO: 4

You have a PDI job that gets a list of variables followed by three subsequent transformation entries. Since the three subsequent transformation entries are not dependent on each other. You want to execute them at the same time.

According the Hitachi Vantara best practices, how do you accomplish this task?

A. Select the Run Next Entries in Parallel option for the job entry that gathers variables.

B. Select the Run Next Entries in Parallel option for the three independent transformation entries.

C. Select the Enable Downstream setting from the Hop Bulk Change submenu.

D. Increase the Change Number of Copies to Start option on the input step of each of the subsequent transformations.

ANSWER: B

QUESTION NO: 5

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 the Data Source Wizard to generate the connection details.

B. Create a properties file that includes the connection details and use the Set Variables step to load these properties.

C. Use Manage Data Source to create a new connection in Spoon.

D. Set the connection details in the Kettle properties file.

ANSWER: A D

QUESTION NO: 6

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 'Select values' step

C. the 'Table inpuT step

D. the Modified Java Script Value' step

ANSWER: A D

QUESTION NO: 7

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 butters tor your AEL environment.

B. Load the data to HDFS before running the transform.

C. Add the Step ID to the Configuration File.

D. Increase the Spark driver memory configuration.

ANSWER: A B

QUESTION NO: 8

You have instated the Pentaho server using an archive installation. You now want to change the server port.

Which file do you modify?

A. server.xml

B. repositories.xml

C. context.xml

D. slave-server-config.xml

ANSWER: A

Explanation:

Follow the instructions below to change the port through which the Pentaho Server runs:

Change the port number in the connector port element below from 8080 to your preferred port number.

https://help.hitachivantara.com/Documentation/Pentaho/9.0/Setup/Customize_the_Pentaho_Server#:~:text=Change%20the%20port%20numbers%20for%20the%20Pentaho%20Server,-Follow%20the%20instructions&text=Navigate%20to%20the%20%2Fpentaho%2Dserver,to%20your%20preferred%20port%20number.

QUESTION NO: 9

Which two PDI steps are used to parse XML content? (Choose two.)

Choose 2 answers

A. the 'XML Join' step

B. the 'Modified Java Script Value' stop

C. the 'Get data from XML' step

D. the 'Add XML'step

ANSWER: A B

QUESTION NO: 10

You execute a transformation locally in Spoon to read data from an Oracle database and you receive the Drive not found' exception.

What are two ways to solve this problem? (Choose two.)

Choose 2 answers

A. Copy the Oracle JDBC driver to the data-integration/lib folder of PDI.

B. Copy of the Oracle JDBC driver to the tomcat/lib folder of the Pentaho server.

C. Use the PDI import script

D. Use the JDBC Distribution Tools.

ANSWER: A C