

Vendor: Microsoft

> Exam Code: 70-463

Exam Name: Implementing a Data Warehouse

with Microsoft SQL Server 2012 Exam

Question 91 -- Question 120

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QUESTION 91

Drag and Drop Question

A SQL Server Integration Services (SSIS) package named DataFeed interacts with an external vendor data feed. The package is executed several times a day, either as part of other packages' control flow or by itself. The external data feed is unreliable because network failures and slow response times are frequent. The package is currently deployed on the file system. To analyze the reliability of the external data feed, you must collect execution data.

Every time the DataFeed package is executed, the following information must be logged:

- Start Time
- End Time
- Execution Result
- Execution Duration

You need to design a logging solution that meets the requirements by using the least amount of administrative and development effort.

Which three actions should you perform in sequence?

(To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.)

Add OnError and OnWarning event handlers.
Query the catalog.executable_statistics view.
Query the ExecutionLog table.
Deploy the project that contains the package to the SSIS catalog and execute the package on the server.
Deploy the package to the msdb database.
Add an Execute SQL task to the event handlers.
Query the catalog.execution_data_statistics view.
Create a new project and add the package to the project.



Add OnError and OnWarning event handlers.	Create a new project and add the package to the
Query the catalog.executable_statistics view.	project.
Query the ExecutionLog table.	Deploy the project that contains the package to the SSIS catalog and execute the package on the server.
Deploy the project that contains the package to the SSIS catalog and execute the package on the server.	Query the catalog.executable_statistics view.
Deploy the package to the msdb database.	
Add an Execute SQL task to the event handlers.	
Query the catalog.execution_data_statistics view.	
Create a new project and add the package to the project.	

QUESTION 92

A SQL Server Integration Services (SSIS) package on a computer is failing periodically in production. The package was created less than one year ago and was deployed to the SSIS catalog. Sometimes the package is started on a SQL Agent schedule; sometimes the package is started manually by an SSIS developer by using the Object Explorer in SQL Server Management Studio. You need to identify the authenticated user responsible for starting the package each time it failed in the past.

Where can you find this information?

- A. the SQL Server Log
- B. the SSISDB.[catalog].[executions] view
- C. the SSISDB.[catalog].[event_messages] view
- D. the SQL Agent Job History
- E. the SQL Agent Error Log

Answer: B

QUESTION 93

You maintain a SQL Server Integration Services (SSIS) package. The package was developed by using SQL Server 2008 Business Intelligence Development Studio (BIDS).

The package includes custom scripts that must be upgraded.

You need to upgrade the package to SQL Server 2012.

Which tool should you use?

- A. SSIS Upgrade Wizard in SQL Server 2008 BIDS
- B. SSIS Upgrade Wizard in SQL Server Data Tools
- C. SQL Server DTExecUI utility (dtexecui.exe)
- D. SQL Server dtexec utility (dtexec.exe)

Answer: B

QUESTION 94

Drag and Drop Question

You are editing a SQL Server Integration Services (SSIS) package that contains a task with a sensitive property.

You need to create a project parameter and configure it so that its value is encrypted when it is deployed to the SSIS catalog.

Which three steps should you perform in sequence?

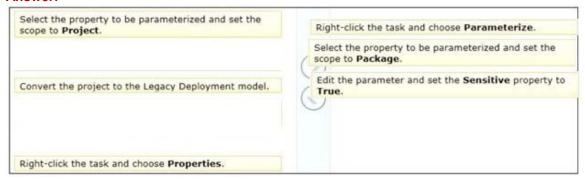
(To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.)

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Select the property to be parameterized and set the scope to Project .
Edit the parameter and set the Sensitive property to True .
Convert the project to the Legacy Deployment model.
Select the property to be parameterized and set the scope to Package .
Right-click the task and choose Parameterize.
Right-click the task and choose Properties .

Answer:



QUESTION 95

Drag and Drop Questions

A new SQL Server Integration Services (SSIS) project is deployed to the SSIS catalog.

To troubleshoot some data issues, you must output the data streaming through several data flows into text files for further analysis.

You have the list of data flow package paths and identification strings of the various task components that must be analyzed.

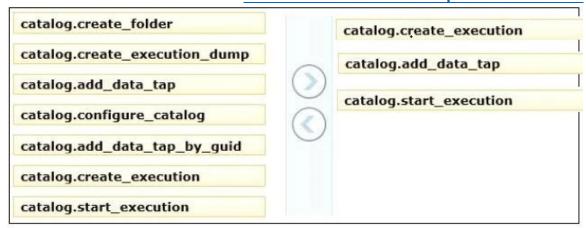
You need to create these output files with the least amount of administrative and development effort.

Which three stored procedures should you execute in sequence?

(To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.)

catalog.create_folder
catalog.create_execution_dump
catalog.add_data_tap
catalog.configure_catalog
catalog.add_data_tap_by_guid
catalog.create_execution
catalog.start_execution

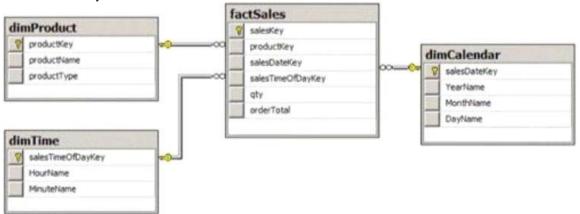




QUESTION 96

You are reviewing the design of an existing fact table named factSales, which is loaded from a SQL Azure database by a SQL Server Integration Services (SSIS) package each day.

The fact table has approximately 1 billion rows and is dimensioned by product, sales date, and sales time of day.



The database administrator is concerned about the growth of the database. Users report poor reporting performance against this database. Reporting requirements have recently changed and the only remaining report that uses this fact table reports sales by product name, sale month, and sale year. No other reports will be created against this table.

You need to reduce the report processing time and minimize the growth of the database. What should you do?

- A. Partition the table by product type.
- B. Create a view over the fact table to aggregate sales by month.
- C. Change the granularity of the fact table to month.
- D. Create an indexed view over the fact table to aggregate sales by month.

Answer: C

QUESTION 97

You are designing a data warehouse with two fact tables.

The first table contains sales per month and the second table contains orders per day. Referential integrity must be enforced declaratively.

You need to design a solution that can join a single time dimension to both fact tables. What should you do?

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- A. Create a time mapping table.
- B. Change the level of granularity in both fact tables to be the same.
- C. Create a time dimension that can join to both fact tables at their respective granularity.
- D. Merge the fact tables.

Answer: C Explanation:

http://msdn.microsoft.com/en-us/library/ms174537.aspx

http://technet.microsoft.com/en-us/library/ms174832.aspx

http://msdn.microsoft.com/en-us/library/ms174884.aspx

http://decipherinfosys.wordpress.com/2007/02/01/surrogate-keys-vs-natural-keys-for-primary-key/

http://www.agiledata.org/essays/keys.html

http://www.databasejournal.com/features/mssql/article.php/3922066/SQL-Server-Natural-Key-

Verses-Surrogate-Key.htm

http://www.jamesserra.com/archive/2012/01/surrogate-keys/

QUESTION 98

You are designing a data warehouse for a software distribution business that stores sales by software title. It stores sales targets by software category. Software titles are classified into subcategories and categories. Each software title is included in only a single software subcategory, and each subcategory is included in only a single category.

The data warehouse will be a data source for an Analysis Services cube.

The data warehouse contains two fact tables:

- factSales, used to record daily sales by software title
- factTarget, used to record the monthly sales targets by software category

Reports must be developed against the warehouse that reports sales by software title, category and subcategory, and sales targets.

You need to design the software title dimension. The solution should use as few tables as possible while supporting all the requirements.

What should you do?

- A. Create three software tables, dimSoftware, dimSoftwareCategory. and dimSoftwareSubcategory and a fourth bridge table that joins software titles to their appropriate category and subcategory table records with foreign key constraints.
 - Direct the cube developer to use key granularity attributes.
- B. Create three software tables, dimSoftware, dimSoftwareCategory, and dimSoftwareSubcategory. Connect factSales to all three tables and connect factTarget to dimSoftwareCategory with foreign key constraints.
 - Direct the cube developer to use key granularity attributes.
- C. Create one table, dimSoftware, which contains Software Detail, Category, and Subcategory columns. Connect factSales to dimSoftware with a foreign key constraint.
 - Direct the cube developer to use a non-key granularity attribute for factTarget.
- D. Create two tables, dimSoftware and dimSoftwareCategory.
 - Connect factSales to dimSoftware and fact Target to dimSoftwareCategory with foreign key constraints. Direct the cube developer to use key granularity attributes.

Answer: C

QUESTION 99

You are designing a data warehouse hosted on SQL Azure. The data warehouse currently includes the dimUser and dimDistrict dimension tables and the factSales fact table. The dimUser table

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contains records for each user permitted to run reports against the warehouse; and the dimDistrict table contains information about sales districts. The system is accessed by users from certain districts, as well as by area supervisors and users from the corporate headquarters.

You need to design a table structure to ensure that certain users can see sales data for only certain districts. Some users must be permitted to see sales data from multiple districts. What should you do?

- A. Add a district column to the dimUser table.
- B. Partition the factSales table on the district column.
- C. Create a userDistrict table that contains primary key columns from the dimUser and dimDistrict tables.
- D. For each district, create a view of the factSales table that includes a WHERE clause for the district.

Answer: C

QUESTION 100

You administer a Microsoft SQL Server database.

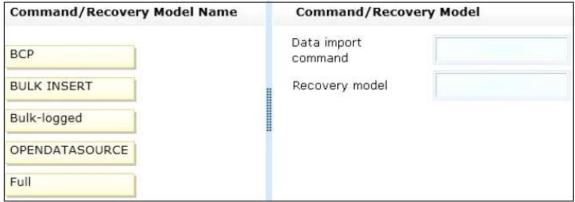
You want to import data from a text file to the database.

You need to ensure that the following requirements are met:

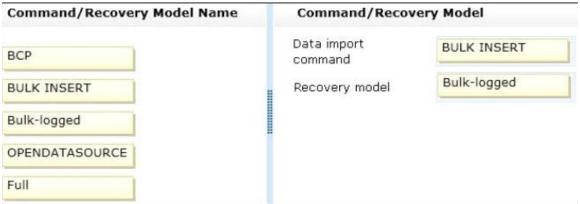
- Data import is performed by using a stored procedure.
- Data is loaded as a unit and is minimally logged.

Which data import command and recovery model should you choose?

(To answer, drag the appropriate data import command or recovery model to the appropriate location or locations in the answer area. Each data import command or recovery model may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)



Answer:



QUESTION 101



You administer a Microsoft SQL Server 2012 server that has SQL Server Integration Services (SSIS) installed.

You plan to deploy new SSIS packages to the server. The SSIS packages use the Project Deployment Model together with parameters and Integration Services environment variables. You need to configure the SQL Server environment to support these packages.

What should you do?

- A. Create SSIS configuration files for the packages.
- B. Create an Integration Services catalog.
- C. Install Data Quality Services.
- D. Install Master Data services.

Answer: B Explanation:

http://msdn.microsoft.com/en-us/library/hh479588.aspx http://msdn.microsoft.com/en-us/library/hh213290.aspx http://msdn.microsoft.com/en-us/library/hh213373.aspx

QUESTION 102

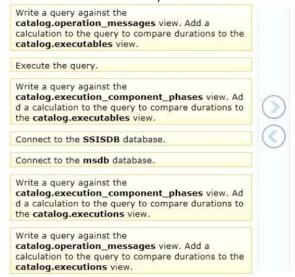
Drag and Drop Questions

You plan to deploy a SQL Server Integration Services (SSIS) project by using the project deployment model.

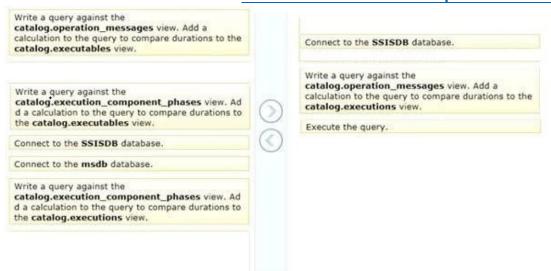
You need to monitor control flow tasks to determine whether any of them are running longer than usual.

Which three actions should you perform in sequence?

(To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.)







QUESTION 103

You are designing a SQL Server Integration Services (SSIS) data flow to load sales transactions from a source system into a data warehouse hosted on SQL Azure. One of the columns in the data source is named ProductCode. Some of the data to be loaded will reference products that need special processing logic in the data flow.

You need to enable separate processing streams for a subset of rows based on the source product code.

Which data flow transformation should you use?

- A. Source Assistant
- B. Audit
- C. Destination Assistant
- D. Script Component

Answer: D

QUESTION 104

Drag and Drop Questions

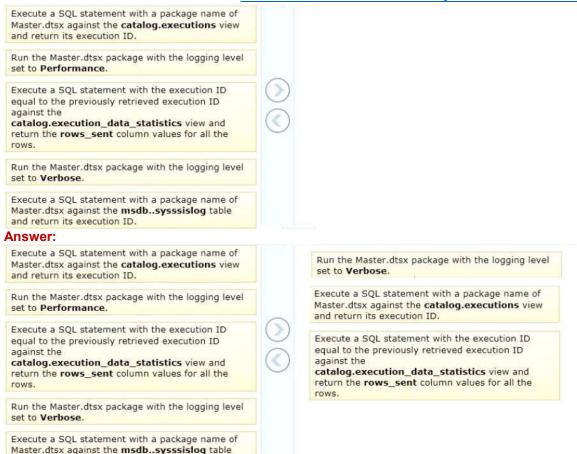
You are validating whether a SQL Server Integration Services (SSIS) package named Master.dtsx in the SSIS catalog is executing correctly.

You need to display the number of rows in each buffer passed between each data flow component of the package.

Which three actions should you perform in sequence?

(To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.)





QUESTION 105

Drag and Drop Questions

and return its execution ID.

You are designing a SQL Server Integration Services (SSIS) package to execute 12 Transact-SQL (T- SQL) statements on a SQL Azure database. The T-SQL statements may be executed in any order. The T-SQL statements have unpredictable execution times.

You have the following requirements:

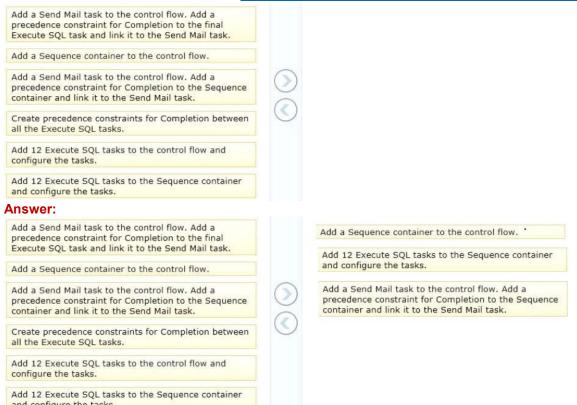
- The package must maximize parallel processing of the T-SQL statements.
- After all the T-SQL statements have completed, a Send Mail task must notify administrators.

You need to design the SSIS package.

Which three actions should you perform in sequence?

(To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.)





QUESTION 106

Drag and Drop Questions

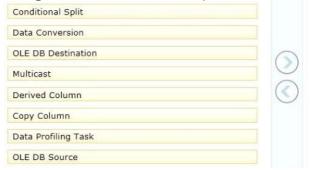
You are creating a SQL Server Integration Services (SSIS) package to populate a fact table from a source table. The fact table and source table are located in a SQL Azure database. The source table has a price field and a tax field. The OLE DB source uses the data access mode of Table. You have the following requirements:

- The fact table must populate a column named TotalCost that computes the sum of the price and tax columns.
- Before the sum is calculated, any records that have a price of zero must be discarded.

You need to create the SSIS package in SQL Server Data Tools.

In what sequence should you order four of the listed components for the data flow task? (To answer, move the appropriate components from the list of components to the answer area and

(10 answer, move the appropriate components from the list of components to the ar arrange them in the correct order.)





Conditional Split		OLE DB Source
Data Conversion		Conditional Split
OLE DB Destination		,
Multicast	(>)	Derived Column
Derived Column		OLE DB Destination
Copy Column		
Data Profiling Task		
OLE DB Source		

QUESTION 107

You work as a senior database administrator at ABC.com. The ABC.com network consists of a single domain named ABC.com.

ABC.com makes use of Microsoft SQL Server 2012 in their environment.

You are running a training exercise for Microsoft SQL Server 2012 junior administrators.

You are discussing the use of Slowly Changing Dimension Transformation Outputs. One of the output options causes Derived Column transformations to create columns for the expired row and the current row indicators.

Which option is the output that causes this?

- A. Unchanged Output
- B. Inferred Member Updates Output
- C. Historical Attributes Inserts Output
- D. Fixed Attribute Output
- E. Changing Attributes Updates Output

Answer: C

QUESTION 108

Drag and Drop Question

You administer a Microsoft SQL Server database. Service accounts for SQL Agent are configured to use a local user. A Microsoft SQL Server Integration Services (SSIS) job step has been created within a SQL Server Agent job. The SSIS package accesses a network share when exporting data from a SQL Server database. When you execute the SQL Server Agent job, it fails due to a permissions failure on a share on a remote server.

You need to ensure that the SQL Server Agent job can execute the SSIS package.

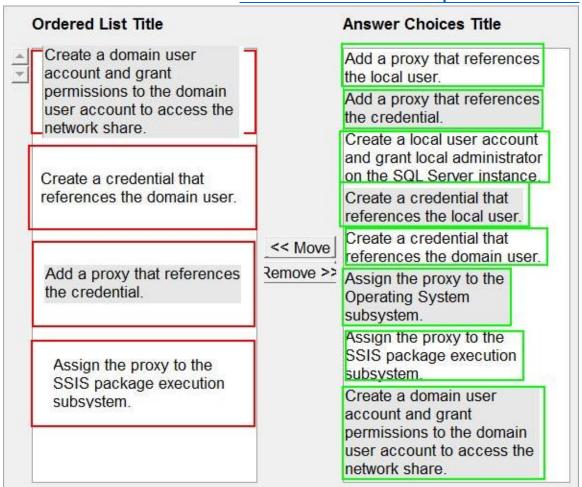
Which four actions should you perform in sequence?

(To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.)



Ordered List Title		Answer Choices Title
		Add a proxy that reference the local user. Add a proxy that reference the credential.
	<< Move Remove >>	Create a local user account and grant local administrator on the SQL Server instance.
		Create a credential that references the local user.
		Create a credential that references the domain user.
		Assign the proxy to the Operating System subsystem.
		Assign the proxy to the SSIS package execution subsystem.
		Create a domain user account and grant permissions to the domain user account to access the network share.





QUESTION 109

Hotspot Questions

You are designing a SQL Server Integration Services (SSIS) package configuration strategy. The package configuration must meet the following requirements:

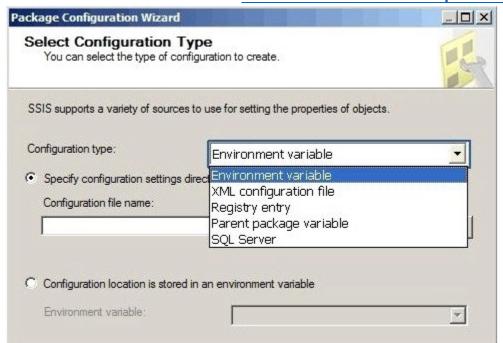
- Include multiple properties in a configuration.
- Force packages to load all settings in the configuration.
- Support Encrypting File System (EFS) formats.

You need to select the appropriate configuration.

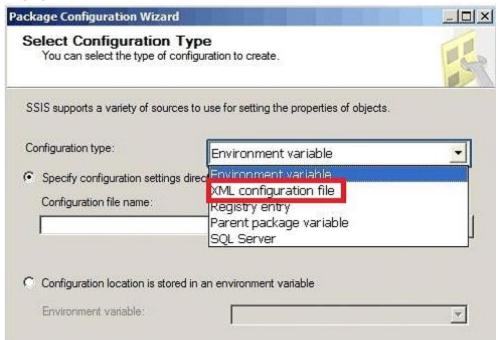
Which configuration type should you use?

To answer, select the appropriate option from the drop-down list in the dialog box.





Answer:



QUESTION 110

You work as a senior database developer at Lead2pass.com. The Lead2pass.com network consists of a single domain named Lead2pass.com. Lead2pass.com makes use of Microsoft SQL Server 2012 in their environment.

You are running a training exercise for Microsoft SQL Server 2012 junior developers.

You are discussing the ValidateExternalMetaData property for a data flow.

Which of the following represents the data type for this property?



- A. Integer
- B. IDTSExternalMetadataColumn100
- C. String
- D. Boolean

Answer: D

QUESTION 111

You work as a senior database administrator at Lead2pass.com. The Lead2pass.com network consists of a single domain named Lead2pass.com. Lead2pass.com makes use of Microsoft SQL Server 2012 in their environment.

You are hosting a training exercise for Microsoft SQL Server 2012 administrators. You are currently discussing Multicast transformation.

Which of the following is TRUE with regards to Multicast transformation? (Choose two.)

- A. It prevents a package from creating logical copies of data.
- B. It allows a package to create logical copies of data.
- C. It distributes its input to one or more outputs.
- D. It distributes its input to a single output.

Answer: BC

QUESTION 112

You work as a database administrator at Lead2pass.com. The Lead2pass.com network consists of a single domain named Lead2pass.com. Lead2pass.com makes use of Microsoft SQL Server 2012 in their environment.

You are in the process of creating a SQL Server Integration Services (SSIS) package. The package will be configured to make use of the Generate And Persist New Index Fuzzy Lookup transformation option.

Which of the following is the purpose of this option?

- A. It allows for a current index to be reused.
- B. It allows for a new index to be created, without saving it.
- C. It allows for a new index to be created and saved, without maintaining it.
- D. It allows for a new index to be created, saved, and maintained.

Answer: C

QUESTION 113

You work as a database administrator at Lead2pass.com. The Lead2pass.com network consists of a single domain named Lead2pass.com. Lead2pass.com makes use of Microsoft SQL Server 2012 in their environment.

You are in the process of creating a SQL Server Integration Services (SSIS) package. You have decided to make use of Expression Task.

Which of the following is TRUE with regards to Expression Task?

- A. It creates and evaluates expressions that set variable values at runtime.
- B. It provides code to perform functions that are not available in the built-in tasks and transformations that SQL Server Integration Services provides.
- C. It runs an application or batch file as part of a SQL Server Integration Services package workflow.
- D. It allows you to run SQL statements during package execution.



Answer: A

QUESTION 114

You work as a senior database administrator at Lead2pass.com. The Lead2pass.com network consists of a single domain named Lead2pass.com. Lead2pass.com makes use of Microsoft SQL Server 2012 in their environment.

You are running a training exercise for Microsoft SQL Server 2012 junior administrators. You are discussing data quality projects.

Which of the following are benefits of data quality projects? (Choose all that apply.)

- A. It enables you to perform data cleansing on your source data by using the knowledge in a DQS knowledge base.
- B. It allows you to perform data matching on your source data by using the knowledge in a DQS knowledge base.
- C. It allows you to perform data matching on your source data by using the matching policy in a knowledge base.
- D. It enables you to perform data cleansing on your source data by using the matching policy in a knowledge base.

Answer: AC

QUESTION 115

You work as a database developer at Lead2pass.com. The Lead2pass.com network consists of a single domain named Lead2pass.com. Lead2pass.com makes use of Microsoft SQL Server 2012 in their environment.

You have been asked to revise a SQL Server Integration Services (SSIS) package.

The package only includes Execute SQL tasks.

To make sure that, in the event of an Execute SQL task failing, changes made by all of the Execute SQL tasks is rolled back.

To do this, you want to alter the TransactionOption property of the package.

Which of the following is the value that must be set for the TransactionOption property of the package?

- A. NotSupported.
- B. Supported.
- C. NotRequired.
- D. Required.

Answer: D

QUESTION 116

You work as a database administrator at Lead2pass.com. The Lead2pass.com network consists of a single domain named Lead2pass.com. Lead2pass.com makes use of Microsoft SQL Server 2012 in their environment.

You have recently created an SQL Server Integration Services (SSIS) project catalog that contains two Environments. A single Environment Variable, named ConnectionString, of type string is specified by each environment. The project also has a project Connection Manager configured to link up with the data warehouse.

You have been instructed to make sure that deployed packages are executed using any of the specified Environments.

Which of the following suitably describes an Environment Variable?

A. An environment variable specifies the data that will be used by a package.



- B. An environment variable can be used to manage Integration Services objects in the catalog.
- C. An environment variable defines a literal value that can be assigned to a parameter during package execution.
- D. An environment variable allows you to use folders to organize your projects and environments.
- E. An environment variable is a container of variables that can be referenced by Integration Services projects.

Answer: C

QUESTION 117

You work as a senior database developer at Lead2pass.com. The Lead2pass.com network consists of a single domain named Lead2pass.com. Lead2pass.com makes use of Microsoft SQL Server 2012 in their environment.

You are hosting a training exercise for Lead2pass.com's junior database developers. You are currently discussing an EventHandlerClass property that is used to retrieve or configure a value that indicates whether the container participates in transactions.

Which of the following is the EventHandlerClass property that you are discussing?

- A. The TransactionOption property.
- B. The Executables property.
- C. The LoggingOptions property.
- D. The Variables property.

Answer: A

QUESTION 118

You work as a senior database administrator at Lead2pass.com. The Lead2pass.com network consists of a single domain named Lead2pass.com. Lead2pass.com makes use of Microsoft SQL Server 2012 in their environment.

You are running a training exercise for Microsoft SQL Server 2012 junior administrators.

You are discussing the effects of setting IsolationLevel transaction property of a Data Flow task to Chaos.

Which of the following suitably describes the effect?

- A. It prevents pending changes from more highly isolated transactions from being overwritten.
- B. It prevents shared locks from being issued and exclusive locks from being honored.
- C. It prevents other users from updating the data.
- D. It reduces blocking by storing a version of data that one application can read while another is modifying the same data.

Answer: A

QUESTION 119

You work as a database administrator at Lead2pass.com. The Lead2pass.com network consists of a single domain named Lead2pass.com. Lead2pass.com makes use of Microsoft SQL Server 2012 in their environment.

You are in the process of creating a SQL Server Integration Services (SSIS) package. The package will be configured to import data into a SQL Azure hosted data warehouse.

You have decided to make use of the Environment Variable package configuration as part of your solution.

Which of the following is TRUE with regards to the Environment Variable package configuration?

A. It stores the property path inside the package and the value outside the package.



- B. It stores both the property path and the value outside the package.
- C. It is used to fetch a value from a variable in a calling package.
- D. It is the most commonly used configuration type.

Answer: A

QUESTION 120

You work as a senior database administrator at Lead2pass.com. The Lead2pass.com network consists of a single domain named Lead2pass.com. Lead2pass.com makes use of Microsoft SQL Server 2012 in their environment.

You are hosting a training exercise for Microsoft SQL Server 2012 administrators.

You are currently discussing the Fuzzy Lookup transformation.

Which of the following is TRUE with regards to the Fuzzy Lookup similarity threshold setting? (Choose all that apply.)

- A. Increasing the threshold can improve the speed of matching.
- B. Increasing the threshold can deteriorate the speed of matching.
- C. The nearer the value is to 1, the nearer the resemblance of the lookup value to the source value must be to qualify as a match.
- D. The nearer the value is to 1, the further the resemblance of the lookup value to the source value must be to qualify as a match.

Answer: AC

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