

Vendor: Microsoft

Exam Code:70-463

Exam Name:Implementing a Data Warehouse with Microsoft SQL Server 2012/2014

Version: Demo

You are developing a SQL Server Integration Services (SSIS) package.

You use a Data Profiling task to examine the data from a source system. You need to establish:

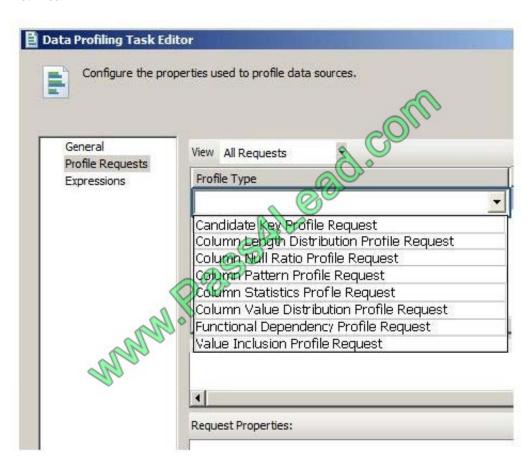
The minimum and maximum dates for the datetime columns in the source data

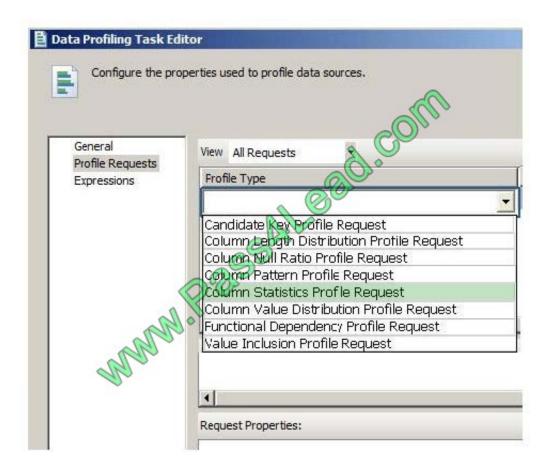
The minimum, maximum, and average values for numeric columns in the source data

You need to use the appropriate profile type in the Data Profiling task.

Which profile type should you use? (To answer, select the appropriate profile type in the answer area.)

Hot Area:





You have a data warehouse that is hosted in a SQL Server instance. The data in the data warehouse is loaded by running bcp.exe You discover that the transaction logs regularly fill up the local hard disk on the server and that a WR1TELOG

wait is present. You need to reduce the amount of disk space used to store the transaction logs and to remove the WR17TLOG wait.

Which two database property settings should you modify? To answer, select the appropriate settings in the answer area.

Hot Area:

Mirroring	21 =	
Transaction Log Ship	Allow Snapshot Isolation	False
Query Store	ANSI NULL Default	False
	ANSI NULLS Footbled	False
	ANSI Padding Enabled	False
	ANSI Walkings Enabled	False
	Arithmer Abort Enabled	False
	Cor Patenate Null Yields Null	False
	Ss-database Ownership Chaining E False	
	Mate Correlation Optimization Enabled False	
<	Delayed Durability	Disabled
Connection	Is Read Committed Snapshot On	False

Correct Answer:

Mirroring	₩ 2↓ ■	
Transaction Log Ship Query Store	Allow Snapshot Isolation	False
	ANSI NULL Defato	False
	ANSI NULLS Footbled	False
	ANSI Padding Enabled	False
	ANSI Walkings Enabled	False
	Arithmesic Abort Enabled	False
	Corporate Null Yields Null	False
	Colors database Ownership Chaining E False	
	Date Correlation Optimization Enabled False	
<	Delayed Durability	Disabled
Connection	Is Read Committed Snapshot On	False

QUESTION 3

You work as a database developer 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 in the process of creating a SQL Server Integration Services (SSIS) package. You are including a custom task element to deal with complicated scientific information derived from a SQL Azure database.

You want to test the custom task element prior to deploying it into the production environment. You have to make sure that the custom task element is properly deployed into the testing environment.

Which of the following actions should you take?

- A. You should consider making use of dtexecui.exe from the command prompt.
- B. You should consider making use of gacutil.exe from the command prompt.
- C. You should consider making use of dtutil.exe from the command prompt.

D. You should consider making use of SSISUpgrade.exe file from the command prompt.

Correct Answer: B

QUESTION 4

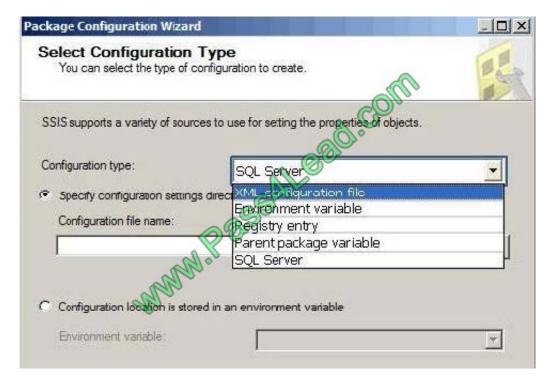
You are designing a SQL Server Integration Services (SSIS) package configuration strategy. The package configuration must meet the following requirements:

Include multiple properties in a configuration.

Support several packages with different configuration settings.

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.

Hot Area:





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.

It is reported that a SQL Server Integration Services (SSIS) package regularly stops working in production. The package is often started manually by an SSIS developer.

You want to know who the authenticated user is.

Which of the following actions should you take?

- A. You should consider making use of the catalog.packages SSISDB Database Transact-SQL statement.
- B. You should consider making use of the catalog.executions SSISDB Database Transact-SQL statement.
- C. You should consider making use of the catalog.environments SSISDB Database Transact-SQL statement.
- D. You should consider making use of the catalog.executables SSISDB Database Transact-SQL statement.

Correct Answer: B

QUESTION 6

You develop a SQL Server Integration Services (SSIS) package that imports SQL Azure data into a data warehouse every night.

The SQL Azure data contains many misspellings and variations of abbreviations. To import the data, a developer used the Fuzzy Lookup transformation to choose the closest-matching string from a reference table of allowed values. The

number of rows in the reference table is very large.

If no acceptable match is found, the Fuzzy Lookup transformation passes a null value.

The current setting for the Fuzzy Lookup similarity threshold is 0.50.

Many values are incorrectly matched.

You need to ensure that more accurate matches are made by the Fuzzy Lookup transformation without degrading performance.

What should you do?

- A. Change the Exhaustive property to True.
- B. Change the similarity threshold to 0.55.
- C. Change the similarity threshold to 0.40.
- D. Increase the maximum number of matches per lookup.

Correct Answer: B

References: http://msdn.microsoft.com/en-us/library/ms137786.aspx

QUESTION 7

You are editing a SQL Server Integration Services (SSIS) project named Project1 in SQL Server Data Tools.

A package Connection Manager has been parameterized with project scope.

You need to display the parameters that have been generated for the Connection Manager.

What should you use? To answer, select the appropriate setting or settings in the answer area.

Hot Area:





You deploy a server that has SQL Server installed.

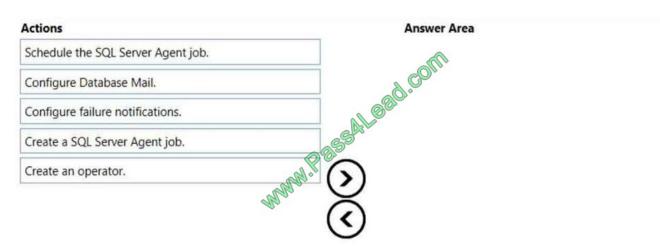
You deploy a SQL Server Integration Services (SSIS) package to the server.

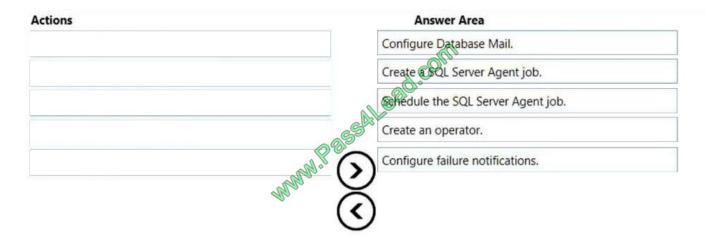
You need to automate the execution of the package. The solution must ensure that you receive a notification if the package fails to execute.

In which order should you perform all the actions? To answer, move all of the actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Select and Place:





Configure Database Mail.

Create a SQL Server job.

Adjust the properties within the SQL Server Agent.

Create an Operator.

Adjust the SQL Server job to send on Failure.

References:

http://www.sherweb.com/blog/how-to-set-up-database-mail-for-sql-server-job-failures/

QUESTION 9

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 factTarget to dimSoftwareCategory with foreign key constraints. Direct the cube developer to use key granularity attributes.

Correct Answer: C

QUESTION 10

You are designing a SQL Server Integration Services (SSIS) package that uploads a file to a table named Orders in a SQL Azure database.

The company\\'s auditing policies have the following requirements:

An entry must be written to a dedicated SQL Server log table named OrderLog.

The entry must be written as soon as the file upload task completes.

You need to meet the company\\'s policy requirements.

Which event handler should you use?

- A. OnPostExecute
- B. OnProgress
- C. OnInformation
- D. OnComplete

Correct Answer: A

References: http://msdn.microsoft.com/en-us/library/ms140223.aspx

You are implementing a new SQL Server Integration Services (SSIS) package that loads data from various flat files and a Microsoft Azure SQL Database database.

Daily transactions must be loaded into a staging database. All the SSIS tasks will use the CurrentDate variable date.

You need to set the CurrentDate variable to the current execution date when the package starts. You need to achieve this goal by using the least amount of development effort.

What should you use to set the variable?

A. an Expression task

B. an Execute SQL task

C. a Script component

D. a Script task

Correct Answer: A

Property expression is an expression that is assigned to a property to enable dynamic update of the property at run time. For example, a property expression can update the To line that a Send Mail task uses by inserting an e-mail address

that is stored in a variable.

An expression can be added to a package, task, Foreach Loop, For Loop, Sequence, Foreach enumerator, event handler, a package or project level connection manager, or log provider. Any property of these objects that is read/write can

implement a property expression. Integration Services also supports the use of property expressions in some custom properties of data flow components. Variables and precedence constraints do not support property expressions, but they

include special properties in which you can use expressions.

Property expressions can be updated in different ways:

User-defined variables can be included in package configurations and then updated when the package is deployed. At run time, the property expression is evaluated using the updated variable value. System variables that are included in

expressions are updated at run time, which changes the results of the property evaluation.

Date and time functions are evaluated at run time and provide the updated values to property expressions.

Variables in expressions can be updated by the scripts that the Script task and the Script component run.

References:

http://msdn.microsoft.com/en-us/library/ms141214.aspx

http://blog.sqltechie.com/2012/11/expression-task-in-ssis-2012.html

You work as a database developer 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.

ABC.com has two database servers, named ABC-SR13 and ABC-SR14. You are in the process of creating a SQL Server Integration Services (SSIS) package that must be able to load data into a SQL Server table on ABC-SR13, and is

executed on ABC-SR14. The package also contains a data flow.

You have decided to make use of the OLE DB Destination with Fast Load to add a destination.

Which of the following are fast load options that you can specify in the OLE DB Destination Editor for the destination? (Choose all that apply.)

- A. You can specify that a table-level lock for the duration of the bulk load operation must be acquired.
- B. You can specify that identity values from the imported data file must be discarded.
- C. You can specify that common values assigned by SQL Server must be used.
- D. You can specify that a null value must be retained during the bulk load operation.

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